



# Tensioner & Idler Bearing

## 2014

---

GMB will continue to distribute our mark-engraved products to the world, as we also strive to improve innovative ideas and actions in answer to the needs of our various international customers.

**GMB**  
Your success is our Future.



# Tensioner & Idler Bearing



# **GMB**

## **Warranty & Disclaimer**

No warranty of merchantability, fitness for a particular purpose or any other warranty is made or to be applied with respect to this volume and its contents.

GMB Warrants its products against defects in material and workmanship under normal use and service, for a period of one year after date of delivery. In no cases will GMB be liable for any damages, direct or indirect, consequential or compensatory, including, without Limitation, lost profits, for any representation, breaches or defaults arising out of the use of this application guide.

Although care has been taken to assure the accuracy of data compiled in this application guide, GMB does not assume any liability to any company or person for errors or omissions and no responsibility can assumed or accepted as a result of any error in this application guide.

No part of this book may be reproduced or transmitted in any form or by means, electronic or mechanical, including photocopying, recording or by any information storage or retrieval system, without permission in writing from the copyholder.

# GMB

## Global Business Management



# Legend

- Manufacture
- New Plant
- Sales Office



Changwon #1, Korea



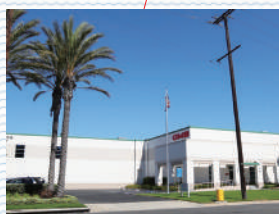
Changwon #2, Korea



AGTech



HEAD OFFICE, Japan



California, North America

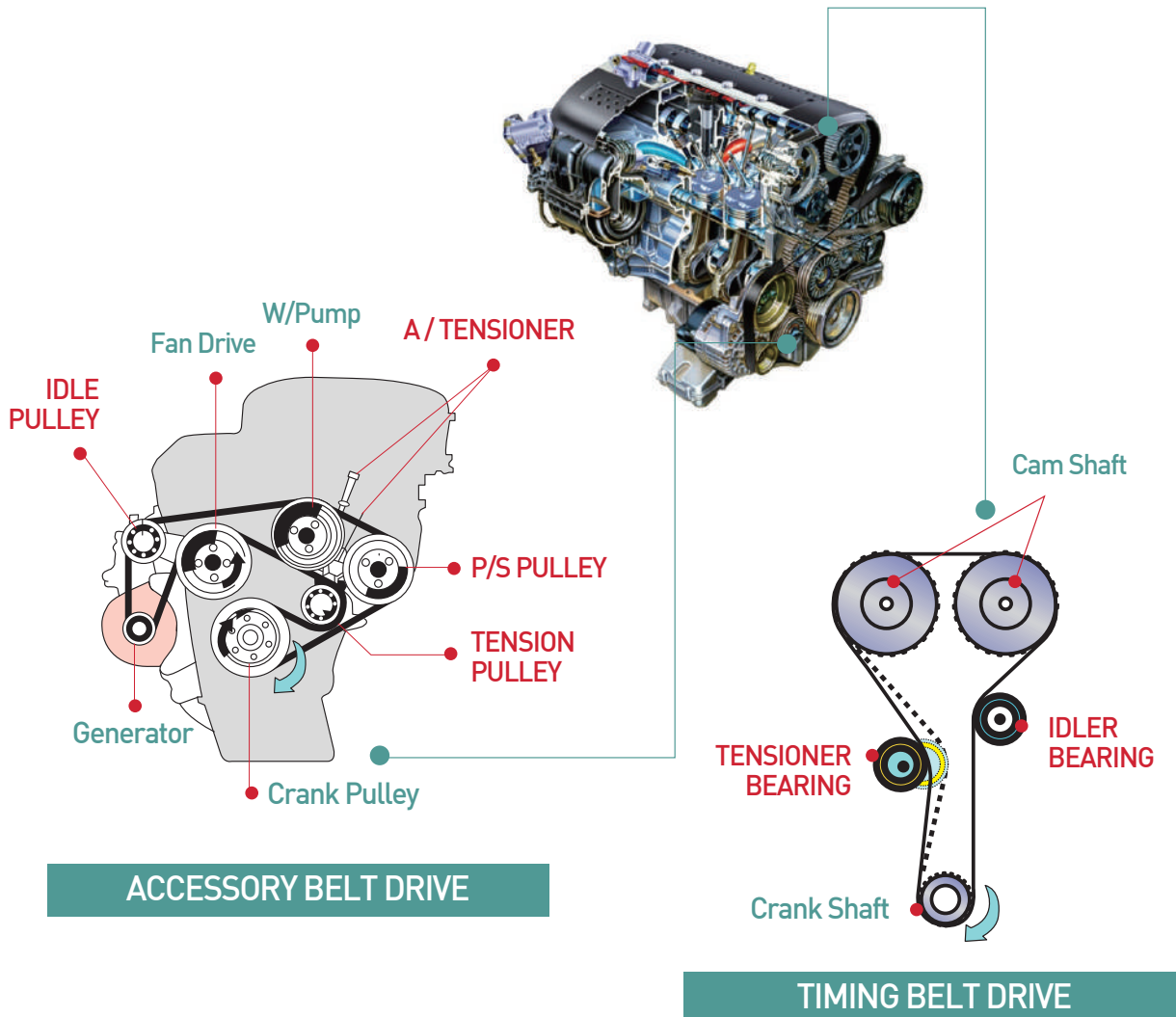


New Jersey, North America

## What's TIB?

### Definition of Tensioner & Idler Bearing (TIB)

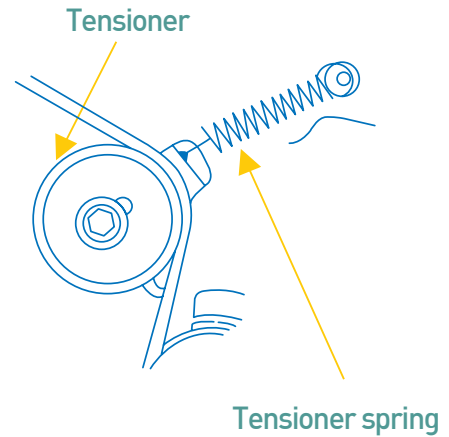
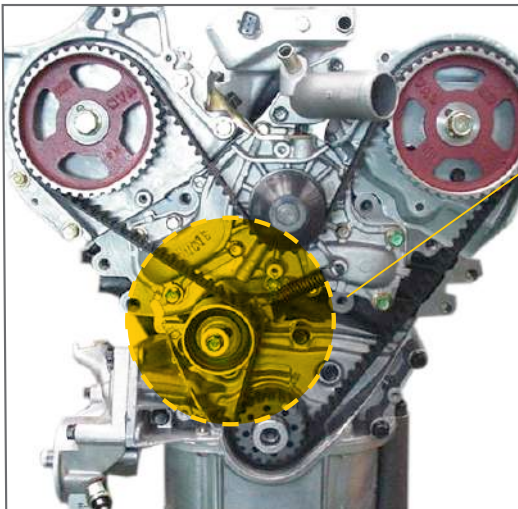
- Special terms of parts(TIB) used in Engine for belt drive of engine



• Attention : This is not limited to Tensioner & Idler of vehicles

## 1. About Tensioner Bearing

- Tensioner bearing moves by belt along with its outer rim and it's located where the belt is slack but that has own characteristics by engine type (Should be implemented)



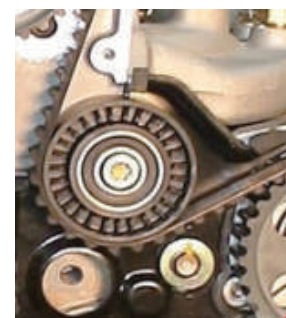
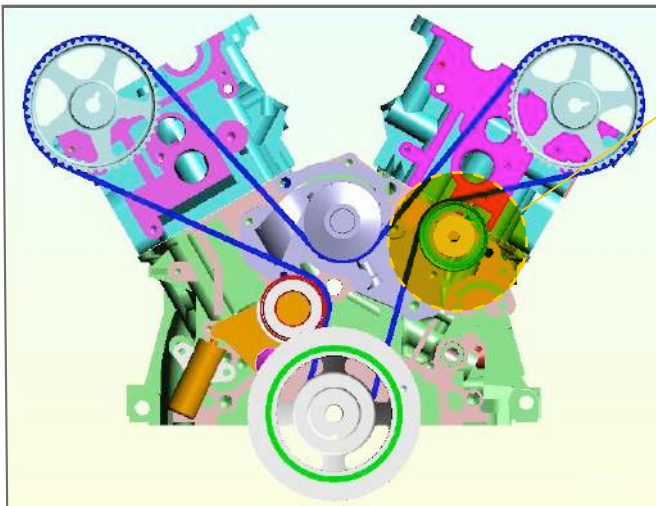
### Function

1. Add & Maintain the initial tension of belt (timing/accessory)
2. Deliver the driving power originated from crankshaft
3. Release the belt tension for replace or any services
4. To protect belt skip(slip)
5. Compact layout of timing belt

TIMING BELT SYSTEM

## 2. About Idler Bearing

- Idler bearing moves by belt along with its outer rim where the belt tension is tight and has special characteristics by engine (Not imperative)



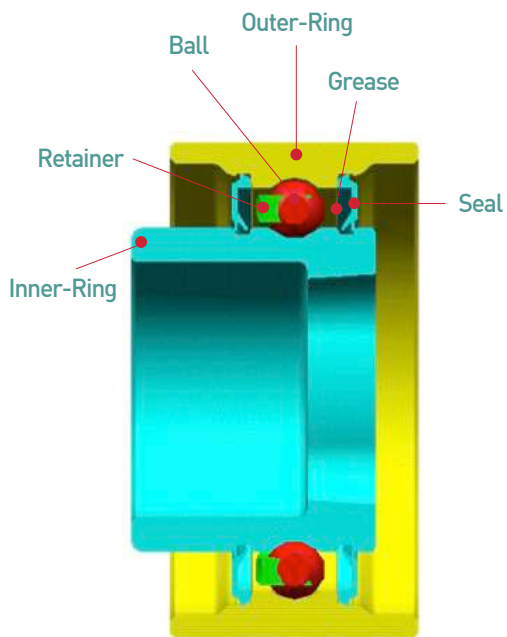
Idler

### Function

1. Add & Maintain the belt(Timing/Accessory) tension
2. Deliver the belt driving power originated from crank shaft
3. Protect belt skip(slip)
4. Compact layout of timing belt

## TIB Structure & type

### Base structure and type

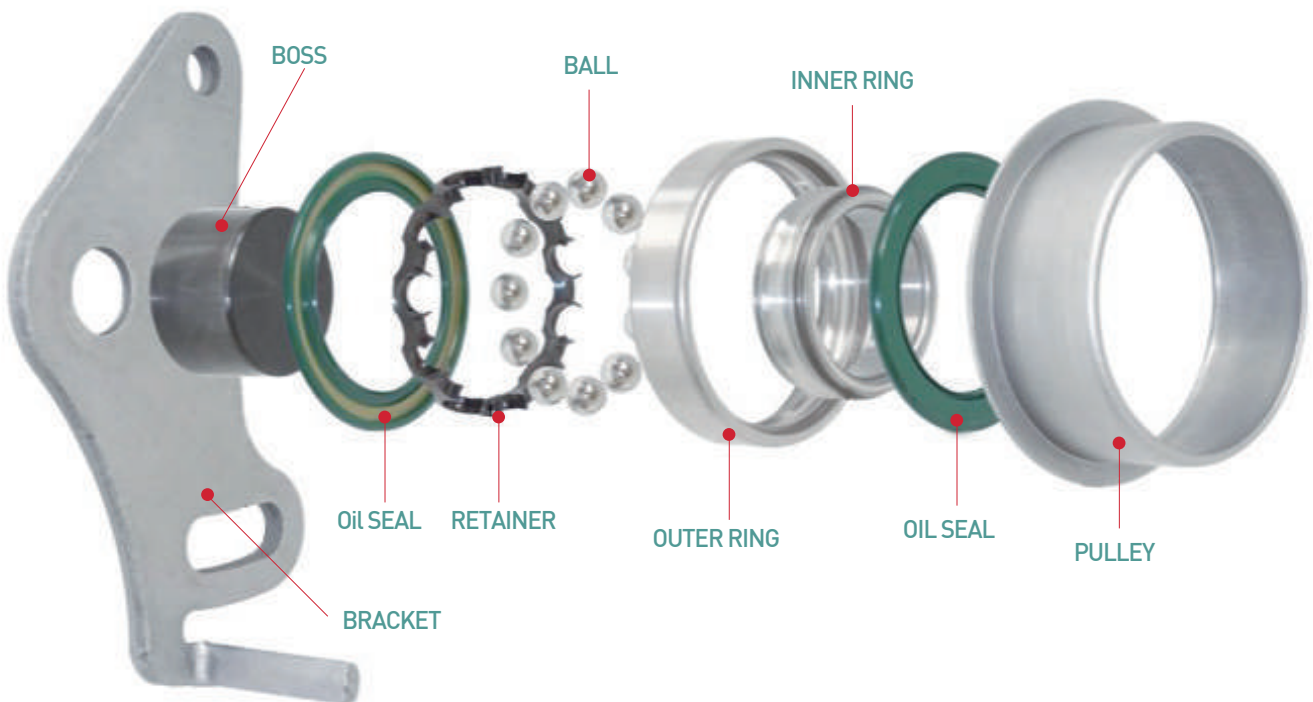


No.	Spec.	TYPE
1		Integrated Type (Wide outer-ring + Intergrated Inner-ring)
2		Ball Bearing Press Type (PULLEY + SHAFT Assembly)
3		PULLEY Assembly Type ( Intergrated Inner-ring+Pulley Assembly)
4		Bracket Assembly Type
5		Plastic Pulley Injection Type (Wide-Outerring+ Intergrated Inner-ring)



## Function of TIB sub-parts

### Study on TIB sub parts



#### INNER RING

- Fix the parts with assembled bracket
- Guide of rolling body(BALL) , load bearing, give off heat by friction

#### BALL

Share the load and key point of rotating power by belt

#### PULLEY

Direct contact with belt and deliver the driving power by its friction to the other parts (Pulley strength should be durable from belt stress)

#### OUTER RING

- Interference fit into pulley, integrated & rotate with pulley
- Guide of rolling balls, load bearing, give off the heat by friction

#### OIL SEAL

Enclose greases inside and free from any foreign substances

#### RETAINER

Maintain and share the rolling balls equally

#### BRACKET

Guide for bearing mounting position

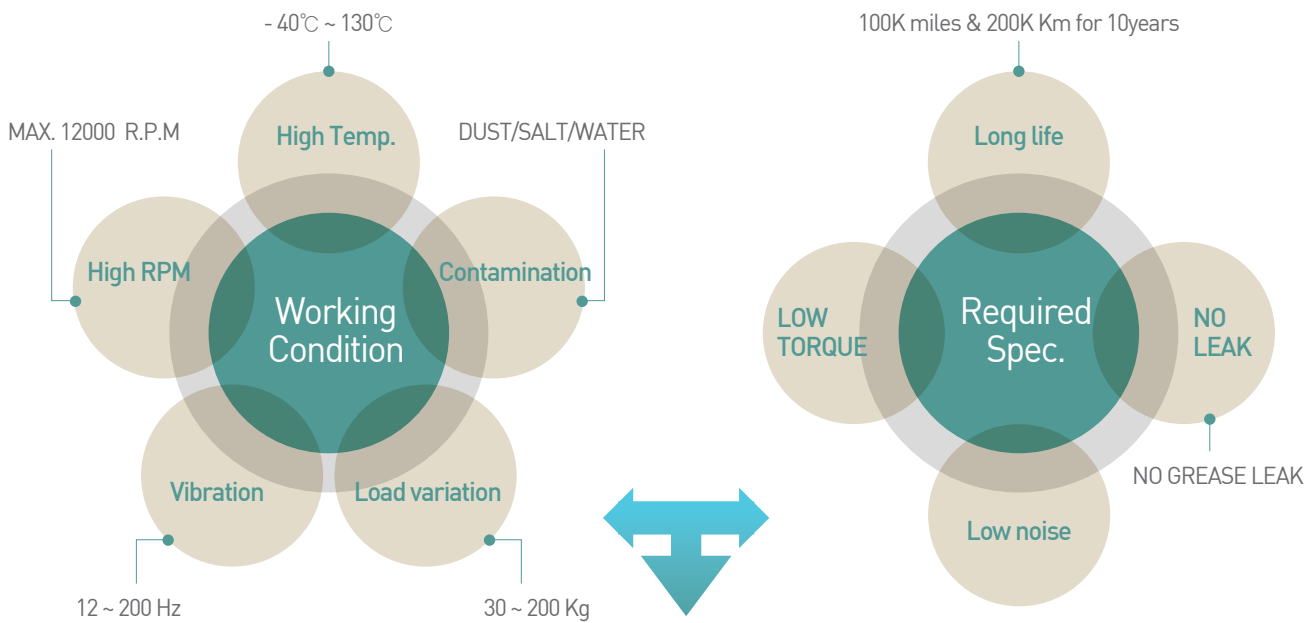
#### GREASE

Reduce the rotating friction of steel by lubrication

# 04

## Condition and required spec. of TIB

### ● TENSIONER (IDLER) BEARING Working condition and required spec.



Customer Satisfactory

## TIB Troubles shooting

Div.	How to diagnosis	How to Judge	Measures & Issue
Mounted On the vehicle	Check the noise while driving	<b>In case of Tensioner Noise</b> 1) "Beep Beep" (Squeaking noise) 2) "gol gol gol" (Murky noise)	- Tensioner Parts problem
		<b>Belt Slip Noise</b> 1) "Peak Peak", "Sheck Sheck" noise	- Belt Lay-out Issue - Belt Tension Issue
		<b>Auto Tensioner Belt Shaking</b> 1) "dul dul dul"	- Auto Tensioner Adjustment Issue
		<b>Air Burn Noise</b> 1) "whistle sound"	- Resonance noise by belt overtightening
		<b>Timing Belt Noise</b> "whistle sound"	- Tension reduced by belt length change

# TIB Troubles Shooting

Div.	How to diagnosis	How to Judge	Measures & Issue
<b>Disassembly of Tensioner</b>	<b>Test</b> Hold the interim by left hand, and cover the outer rim by right hand and rotate it and inspection	1) Heavy rotate (not rotate well) 2) Partially interference 3) "Dururu" Interfere whole surface (Need to completely knock down)	<b>Tensioner Issue</b> -Little clearance -Foreign substances inside bearings -Bearing roundness defects
	<b>Appearance</b> -Outer rim surface of pulley wear out -Belt get scorched and stick to pulley outer rim -Pulley side wear out -Tensioner pulley un-normal wear out by rib type	Over tightening of belt Property of belt in high temp. issue Engine Lay-Out problem (Timing belt system misalignment) Engine lay-Out defects (Timing belt system misalignment)	-Belt tension adjustment issue -eed synthetic Judgement by checking any influence near engine and it could be belt defects -Accumulated tolerance defects of relevant parts -Belt misalignment issue -Flush defects -Be suspicious of belt defect

**PART 1**

CATALOG GUIDE

**GMB**

**Manufacturers**  
OE Manufacturers

**Models**  
Various Model & Additional Information

**Engine Displacement**

**Model Years**  
Period for model Lifetime

**Timing Kit Ref.**

## Application Guide by OE Manufacturers

**PART 2**  
Application Guide by OE Manufacturers

Car Maker	Vehicle Model	Engine Type	CC	From - TO	Timing Kit Ref
ALFA ROMEO	155 [167] - 2.0 16V Turbo Q4	AR 67203	1995	1992.01 - 1997.12	VKMA 02224
	155 [167] - 2.0 16V Turbo Q4 [167.A2B, 167.A2C, 167.A2E]	AR 67203	1995	1992.01 - 1997.12	VKMA 02224
	164 [164] - 2.0 Turbo	AR 06476	1995	1987.10 - 1992.12	
	AR 6 Box [280] - 2.4 D	8144.61.200	2445	1985.04 - 1986.02	VKMA 02381
	AR 6 Box [280] - 2.5 D	8144.67.220	2499	1986.03 - 1989.12	VKMA 02381
	AR 8 Box [280] - 2.4 TD [TQ:152]	8140.21.200 D.I.	2445	1985.04 - 1989.12	VKMA 02381
	AR 8 Box [280] - 2.5 D	8144.67.220	2499	1986.09 - 1989.12	VKMA 02381
	AR 8 Platform/Chassis [280] - 2.4 TD [TQ:152]	8140.21.200 D.I.	2445	1985.04 - 1988.12	VKMA 02381
	AR 8 Platform/Chassis [280] - 2.5 D	8144.67.220	2499	1986.09 - 1989.12	VKMA 02381
	147 [937] - 3.2 GTA	932 A.000	3179	2003.02 - 2010.03	
	156 [932] - 2.5 V6 24V [932A1]	AR 32401	2492	1997.09 - 2001.12	
	156 [932] - 2.5 V6 24V [932A11]	AR 32405	2492	2000.10 - 2005.09	
	156 [932] - 3.2 GTA [932AXB]	932 A.000	3179	2002.03 - 2005.09	
	156 Sportwagon [932] - 2.5 V6 24V [932A1]	AR 32401	2492	2000.05 - 2000.10	
	156 Sportwagon [932] - 3.2 GTA [932BXB]	932 A.000	3179	2002.03 - 2006.05	
	145 [930] - 1.9 TD	AR 33601 / AR 67501	1929	1994.10 - 1999.02	
	146 [930] - 1.9 TD	AR 33601 / AR 67501	1929	1994.12 - 1999.02	
	155 [167] - 1.7 T.S.	AR 67103	1748	1993.04 - 1996.04	
	155 [167] - 1.7 T.S. [167.A4D, 167.A4H]	AR 67105	1748	1993.04 - 1996.04	
	155 [167] - 1.8 T.S.	AR 67101	1773	1992.02 - 1993.06	
	155 [167] - 1.8 T.S. Sport [167.A4A, 167.A4C, 167.A4E]	AR 67101	1773	1992.01 - 1996.12	
	155 [167] - 1.9 TD [167.A3]	AR 67501	1929	1993.04 - 1997.12	
	145 [930] - 1.4 i.e. 16V T.S.	AR 33503 / AR 38501	1370	1996.12 - 2001.01	VKMA 02181
	145 [930] - 1.6 i.e. 16V T.S.	AR 38201 / AR 67601	1598	1996.12 - 2001.01	VKMA 02184
	145 [930] - 1.8 i.e. 16V	AR 32201	1747	1998.03 - 2001.01	VKMA 02177
	145 [930] - 1.8 i.e. 16V T.S.	AR 38401 / AR 67106	1747	1996.12 - 1998.12	VKMA 02177
	145 [930] - 2.0 16V Quadrifoglio	AR 32301	1970	1998.03 - 2001.01	VKMA 02277
	145 [930] - 2.0 16V T.S.	AR 67204	1970	1995.10 - 2001.01	VKMA 02277
	146 [930] - 1.4 i.e. 16V T.S.	AR 33503 / AR 38501	1370	1996.11 - 2001.01	VKMA 02181
	146 [930] - 1.6 i.e. 16V T.S.	AR 38201 / AR 67601	1598	1996.11 - 2001.01	VKMA 02184
	146 [930] - 1.8 i.e. 16V T.S.	AR 38401 / AR 67106	1747	1996.11 - 2001.01	VKMA 02177
	146 [930] - 2.0 16V Quadrifoglio	AR 32301	1970	1998.03 - 2001.01	VKMA 02277
	146 [930] - 2.0 16V T.S.	AR 67204	1970	1995.10 - 2001.01	VKMA 02277
147 [937] - 1.6 16V T.SPARK [937AXB1A]	AR 32104	1598	2001.01 - 2010.03	VKMA 02181	
147 [937] - 1.6 16V T.SPARK ECO [937AXA1A]	AR 37203	1598	2001.01 - 2010.03	VKMA 02181	
147 [937] - 1.9 JTD [937AXD1A]	937 A2.000	1910	2001.04 - 2010.03	VKMA 02176	
147 [937] - 1.9 JTD 16V	192 A5.000	1910	2002.11 - 2010.03	VKMA 02191	



**GMB**





PART 2

## Application Guide OE Manufacturers

ALFA ROMEO	20	LADA	136	SAAB	242
AUTOBIANCHI	22	LANCIA	136	SSANGYONG	242
AUDI	22	LAND ROVER	144	SEAT	242
BMW	40	LEXUS	144	SKODA	256
CHERY	42	LEYLAND DAF	146	SUBARU	262
CHEVROLET	42	LOTUS	146	SUZUKI	268
CHRYSLER	44	MAZDA	146	TALBOT	272
CITROEN	46	MEGA	156	TOYOTA	272
DACIA	64	MERCEDES BENZ	156	UMM	288
DAEWOO	66	MERCURY	158	UZA	288
DAIHATSU	72	MG	158	VAUXHALL	288
DODGE	76	MINI	160	VOLVO	298
EAGLE	76	MINI	160	VW	312
FIAT	76	MITSUBISHI	160		
FORD	94	MOSKOVICH	176		
FORD USA	106	MOTOR IBERICA	176		
HOLDEN	106	NISSAN	176		
HONDA	106	OPEL	184		
HYUNDAI	116	PEUGEOT	198		
ISUZU	128	PIAGGIO	218		
IVECO	128	PORSCHE	218		
JAGUAR	128	PROTON	218		
JEEP	128	PENAUULT	220		
KIA	130	ROOVER	240		
		ROVER	240		

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
ALFA ROMEO	155 (167) - 2.0 16V Turbo Q4	AR 67203	1995	1992. 01 ~ 1997. 12	VKMA 02224
	155 (167) - 2.0 16V Turbo Q4 (167.A2B, 167.A2C, 167.A2E)	AR 67203	1995	1992. 01 ~ 1997. 12	VKMA 02224
	164 (164) - 2.0 Turbo	AR 06476	1995	1987. 10 ~ 1992. 12	
	AR 6 Box (280) - 2.4 D	8144.61.200	2445	1985. 04 ~ 1986. 02	VKMA 02381
	AR 6 Box (280) - 2.5 D	8144.67.220	2499	1986. 03 ~ 1989. 12	VKMA 02381
	AR 8 Box (280) - 2.4 TD (TQ:152)	8140.21.200 D.I.	2445	1985. 04 ~ 1989. 12	VKMA 02381
	AR 8 Box (280) - 2.5 D	8144.67.220	2499	1986. 09 ~ 1989. 12	VKMA 02381
	AR 8 Platform/Chassis (280) - 2.4 TD (TQ:152)	8140.21.200 D.I.	2445	1985. 04 ~ 1988. 12	VKMA 02381
	AR 8 Platform/Chassis (280) - 2.5 D	8144.67.220	2499	1986. 09 ~ 1989. 12	VKMA 02381
	147 (937) - 3.2 GTA	932 A.000	3179	2003. 02 ~ 2010. 03	
	156 (932) - 2.5 V6 24V (932A1)	AR 32401	2492	1997. 09 ~ 2001. 12	
	156 (932) - 2.5 V6 24V (932A11)	AR 32405	2492	2000. 10 ~ 2005. 09	
	156 (932) - 3.2 GTA (932AXB)	932 A.000	3179	2002. 03 ~ 2005. 09	
	156 Sportwagon (932) - 2.5 V6 24V (932A1)	AR 32401	2492	2000. 05 ~ 2000. 10	
	156 Sportwagon (932) - 3.2 GTA (932BXB)	932 A.000	3179	2002. 03 ~ 2006. 05	
	145 (930) - 1.9 TD	AR 33601 / AR 67501	1929	1994. 10 ~ 1999. 02	
	146 (930) - 1.9 TD	AR 33601 / AR 67501	1929	1994. 12 ~ 1999. 02	
	155 (167) - 1.7 T.S.	AR 67103	1748	1993. 04 ~ 1996. 04	
	155 (167) - 1.7 T.S. (167.A4D, 167.A4H)	AR 67105	1748	1993. 04 ~ 1996. 04	
	155 (167) - 1.8 T.S.	AR 67101	1773	1992. 02 ~ 1993. 06	
	155 (167) - 1.8 T.S. Sport (167.A4A, 167.A4C, 167.A4E)	AR 67101	1773	1992. 01 ~ 1996. 12	
	155 (167) - 1.9 TD (167.A3)	AR 67501	1929	1993. 04 ~ 1997. 12	
	145 (930) - 1.4 i.e. 16V T.S.	AR 33503 / AR 38501	1370	1996. 12 ~ 2001. 01	VKMA 02181
	145 (930) - 1.6 i.e. 16V T.S.	AR 38201 / AR 67601	1598	1996. 12 ~ 2001. 01	VKMA 02184
	145 (930) - 1.8 i.e. 16V	AR 32201	1747	1998. 03 ~ 2001. 01	VKMA 02177
	145 (930) - 1.8 i.e. 16V T.S.	AR 38401 / AR 67106	1747	1996. 12 ~ 1998. 12	VKMA 02177
	145 (930) - 2.0 16V Quadrifoglio	AR 32301	1970	1998. 03 ~ 2001. 01	VKMA 02277
	145 (930) - 2.0 16V T.S.	AR 67204	1970	1995. 10 ~ 2001. 01	VKMA 02277
	146 (930) - 1.4 i.e. 16V T.S.	AR 33503 / AR 38501	1370	1996. 11 ~ 2001. 01	VKMA 02181
	146 (930) - 1.6 i.e. 16V T.S.	AR 38201 / AR 67601	1598	1996. 11 ~ 2001. 01	VKMA 02184
	146 (930) - 1.8 i.e. 16V T.S.	AR 38401 / AR 67106	1747	1996. 11 ~ 2001. 01	VKMA 02177
	146 (930) - 2.0 16V Quadrifoglio	AR 32301	1970	1998. 03 ~ 2001. 01	VKMA 02277
	146 (930) - 2.0 16V T.S.	AR 67204	1970	1995. 10 ~ 2001. 01	VKMA 02277
147 (937) - 1.6 16V T.SPARK (937AXB1A)	AR 32104	1598	2001. 01 ~ 2010. 03	VKMA 02181	
147 (937) - 1.6 16V T.SPARK ECO (937AXA1A)	AR 37203	1598	2001. 01 ~ 2010. 03	VKMA 02181	
147 (937) - 1.9 JTD (937AXD1A)	937 A2.000	1910	2001. 04 ~ 2010. 03	VKMA 02176	
147 (937) - 1.9 JTD 16V	192 A5.000	1910	2002. 11 ~ 2010. 03	VKMA 02191	



# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
ALFA ROMEO	147 (937) - 1.9 JTD 16V	192 B1.000	1910	2004. 10 ~ 2010. 03	VKMA 02191
	147 (937) - 1.9 JTD 8V	182 B9.000	1910	2003. 06 ~ 2010. 03	VKMA 02176
	147 (937) - 1.9 JTDM	939 A7.000	1910	2004. 10 ~ 2010. 03	VKMA 02176
	147 (937) - 2.0 16V T.SPARK (937AXC1)	AR 32310	1970	2001. 01 ~ 2010. 03	VKMA 02277
	155 (167) - 1.6 16V T.S.	AR 67601	1598	1996. 05 ~ 1997. 12	VKMA 02184
	155 (167) - 2.0 T.S. 16V (167A2G)	AR 67204	1970	1995. 03 ~ 1997. 12	VKMA 02277
	156 (932) - 1.6 16V T.SPARK	AR 32102	1598	1997. 09 ~ 2005. 09	VKMA 02184
	156 (932) - 1.8 16V T.SPARK (932A31)	AR 32205	1747	2000. 10 ~ 2005. 09	VKMA 02186
	156 (932) - 1.9 JTD 16V	937 A5.000	1910	2004. 07 ~ 2005. 09	VKMA 02191
	156 (932) - 2.0 16V T.SPARK (932A2)	AR 32301	1970	1997. 09 ~ 2000. 10	VKMA 02277
	156 (932) - 2.0 16V T.SPARK (932A21)	AR 32310	1970	2000. 10 ~ 2002. 03	VKMA 02277
	156 (932) - 2.0 Twin Spark	AR 32303	1970	1997. 11 ~ 2000. 04	VKMA 02277
	156 (932) - 2.4 JTD	841 M.000 / 841 N.000	2387	2003. 06 ~ 2005. 09	VKMA 02191
	159 (939) - 2.4 JTDM	939 A3.000	2387	2005. 09 ~ 2011. 11	VKMA 02195
	166 (936) - 2.0 T.Spark (936A3A)	AR 34103	1970	1998. 09 ~ 2000. 10	VKMA 02277
	166 (936) - 2.0 T.Spark (936A3B)	AR 36301	1970	2000. 10 ~ 2007. 06	VKMA 02277
	166 (936) - 2.4 JTD	841 C.000	2387	2002. 04 ~ 2007. 06	VKMA 02176
	166 (936) - 2.4 JTD (936A2A)	AR 34202	2387	1998. 09 ~ 2000. 10	VKMA 02176
	166 (936) - 2.4 JTD (936A2B)	839 A6.000	2387	2000. 10 ~ 2007. 06	VKMA 02176
	BRERA - 2.4 JTDM 20V	939 A3.000	2387	2006. 01 ~	VKMA 02195
	GT (937) - 1.8 TS	AR 32205	1747	2003. 11 ~ 2010. 09	VKMA 02184
	GT (937) - 2.0 JTS	932 A2.000 / 937 A1.000	1970	2003. 11 ~ 2010. 09	VKMA 02283
	GTV (916C_) - 1.8 16V (916C3)	AR 32201	1747	1998. 05 ~ 2005. 10	VKMA 02177
	GTV (916C_) - 2.0 JTS	937 A1.000	1970	2003. 04 ~ 2005. 10	VKMA 02283
	SPIDER (916S_) - 1.8 16V (916S3)	AR 32201	1747	1998. 05 ~ 2005. 04	VKMA 02177
	SPIDER (916S_) - 2.0 JTS	937 A1.000	1970	2003. 04 ~ 2005. 04	VKMA 02283
	SPIDER (916S_) - 2.0 T.SPARK 16V (916S2C00)	AR 16201 / AR 32310	1970	1995. 06 ~ 2005. 04	VKMA 02277
SPIDER (939) - 2.4 JTDM	939 A3.000	2387	2007. 04 ~	VKMA 02195	
AOTOBIANCHI	Y10 - 1.0	156A2.000	999	1985. 03 ~ 1995. 10	VKMA 02200
	Y10 - 1.0 CAT	156A2.246	999	1987. 10 ~ 1995. 10	VKMA 02200
	Y10 - 1.1	156C.000	1108	1989. 06 ~ 1995. 10	VKMA 02200
	Y10 - 1.1 4WD	156C.000	1108	1989. 06 ~ 1995. 10	VKMA 02200
	Y10 - 1.1 i.e. CAT	156C.046	1108	1990. 09 ~ 1995. 10	VKMA 02200
	Y10 - 1.3 i.e. GT	146A5.046	1297	1992. 03 ~ 1995. 10	
	Y10 - 1.3 i.e. GT	156B.000	1301	1992. 03 ~ 1995. 10	
AUDI	100 (43, C2) - 1.6	YV	1588	1976. 08 ~ 1982. 07	VKMA 01000
	100 (43, C2) - 2.0	WA	1984	1976. 06 ~ 1978. 08	VKMA 01000



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55192239				55221253		60652129	GT50500	4740847	GT60530		
		60596372				60620443							
		55192240						60652129	GT50500	4740847	GT60530		
		60652477											
		55192239				55221253		60652129	GT50500	4740847	GT60530		
		60596372				60620443							
		55192240						60652129	GT50500	4740847	GT60530		
		60652477											
		55192239						60652129	GT50500	4740847	GT60530		
		60596372											
		55183527						60813590	GT60550	4740847	GT60530		
		55191315											
		55192239				55221253		60652129	GT50500				
		60596372				60620443							
		55192239				55221253		60652129	GT50500				
		60596372				60620443							
		55192239				55221253		60652129	GT50500				
		60596372				60620443							
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55192239				55221253		60652129	GT50500				
		60596372				60620443							
		55192239				55221253		60652129	GT50500				
		60596372				60620443							
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55192240						60652129	GT50500				
		60652477											
		55192240				55221253		60652129	GT50500				
		60652477				60620443							
		55192239						60652129	GT50500				
		60596372											
		55192240				55221253		60652129	GT50500				
		60652477				60620443							
		55192239				55221253		60652129	GT50500				
		60596372				60620443							
		55183527						60813590	GT60550				
		55191315											
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
026 109 243 A	GT80070												
026 109 243 A	GT80070												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
AUDI	100 [43, C2] - 2.0 D	CN	1986	1978. 08 ~ 1982. 07	VKMA 01040
	100 [44, 44Q, C3] - 1.8	DR / RS	1781	1982. 08 ~ 1987. 12	VKMA 01000
	100 [44, 44Q, C3] - 1.8	SH	1781	1986. 02 ~ 1988. 07	VKMA 01000
	100 [44, 44Q, C3] - 1.8	DS / NP	1781	1983. 08 ~ 1989. 07	VKMA 01000
	100 [44, 44Q, C3] - 1.8 CAT	4B / PH	1781	1985. 03 ~ 1990. 11	VKMA 01000
	100 [44, 44Q, C3] - 1.9 [44-E-000 001]	WH	1921	1982. 08 ~ 1984. 07	VKMA 01031
	100 [44, 44Q, C3] - 2.0	SL	1994	1986. 08 ~ 1987. 11	VKMA 01031
	100 [44, 44Q, C3] - 2.0	KP	1994	1984. 08 ~ 1987. 12	VKMA 01031
	100 [44, 44Q, C3] - 2.0 CAT	RT[010 236]	1994	1988. 01 ~ 1990. 11	VKMA 01031
	100 [44, 44Q, C3] - 2.0 D	CN	1986	1982. 08 ~ 1988. 07	VKMA 01040
	100 [44, 44Q, C3] - 2.0 D Turbo	DE	1986	1982. 08 ~ 1988. 02	VKMA 01040
	100 [44, 44Q, C3] - 2.0 D Turbo [44-L-100 000]	NC	1986	1988. 03 ~ 1990. 11	VKMA 01040
	100 [44, 44Q, C3] - 2.0 D Turbo [44-L-100 001]	NC	1986	1988. 03 ~ 1990. 11	VKMA 01040
	100 [44, 44Q, C3] - 2.2	KZ	2226	1984. 10 ~ 1986. 09	VKMA 01031
	100 [44, 44Q, C3] - 2.2	KU[077 116]	2226	1984. 08 ~ 1988. 12	VKMA 01031
	100 [44, 44Q, C3] - 2.2 [44-E-000 001]	KF / WU	2144	1982. 08 ~ 1984. 07	VKMA 01031
	100 [44, 44Q, C3] - 2.2 CAT	HX / KU[077 116]	2226	1989. 06 ~ 1990. 11	VKMA 01031
	100 [44, 44Q, C3] - 2.2 E quattro	PX	2226	1984. 10 ~ 1986. 09	VKMA 01031
	100 [44, 44Q, C3] - 2.2 Turbo	MC[039 951]	2226	1986. 08 ~ 1990. 11	VKMA 01031
	100 [44, 44Q, C3] - 2.3 quattro [44-J-246 281]	NF	2309	1990. 01 ~ 1990. 11	VKMA 01031
	100 [4A, C4] - 2.4 D	AAS	2370	1990. 12 ~ 1994. 06	
	100 Avant [43, C2] - 1.6	YV	1588	1977. 07 ~ 1983. 02	VKMA 01000
	100 Avant [43, C2] - 2.0	WA	1984	1977. 08 ~ 1980. 07	VKMA 01000
	100 Avant [43, C2] - 2.0 D	CN	1986	1978. 08 ~ 1983. 02	VKMA 01040
	100 Avant [44, 44Q, C3] - 1.8	DR / RS	1781	1982. 08 ~ 1987. 12	VKMA 01000
	100 Avant [44, 44Q, C3] - 1.8	SH	1781	1986. 02 ~ 1990. 07	VKMA 01000
	100 Avant [44, 44Q, C3] - 1.8	DS / NP	1781	1983. 08 ~ 1989. 07	VKMA 01000
	100 Avant [44, 44Q, C3] - 1.8 CAT	4B / PH	1781	1985. 03 ~ 1990. 11	VKMA 01000
	100 Avant [4A, C4] - 2.4 D	AAS	2370	1990. 12 ~ 1994. 06	
	200 [44, 44Q] - 2.1 5 E	WC	2144	1983. 08 ~ 1984. 07	VKMA 01031
	200 [44, 44Q] - 2.1 Turbo	KG	2144	1983. 08 ~ 1988. 01	VKMA 01031
	200 [44, 44Q] - 2.1 Turbo quattro	KG	2144	1983. 08 ~ 1986. 09	VKMA 01031
200 [44, 44Q] - 2.2	KU	2226	1984. 08 ~ 1985. 07	VKMA 01031	
200 [44, 44Q] - 2.2 Turbo	MC[039 950]	2226	1985. 08 ~ 1992. 09	VKMA 01031	
200 [44, 44Q] - 2.2 Turbo	2B[001 068]	2226	1988. 02 ~ 1990. 12	VKMA 01031	
200 [44, 44Q] - 2.2 Turbo	1B[001 570]	2226	1988. 02 ~ 1990. 12	VKMA 01031	
200 [44, 44Q] - 2.2 Turbo quattro	MC[039 950]	2226	1985. 01 ~ 1991. 12	VKMA 01031	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
AUDI	200 (44, 44Q) - 2.2 Turbo quattro	1B(001 570)	2226	1988. 02 ~ 1990. 11	VKMA 01031
	80 (80, 82, B1) - 1.3	ZA	1297	1972. 05 ~ 1978. 07	VKMA 01000
	80 (80, 82, B1) - 1.3	ZF	1297	1972. 05 ~ 1978. 07	VKMA 01000
	80 (80, 82, B1) - 1.5	YJ / ZB	1471	1972. 05 ~ 1975. 08	VKMA 01000
	80 (80, 82, B1) - 1.5	ZC	1471	1972. 05 ~ 1976. 07	VKMA 01000
	80 (80, 82, B1) - 1.6	YN	1588	1975. 09 ~ 1978. 07	VKMA 01000
	80 (80, 82, B1) - 1.6	YP	1588	1975. 09 ~ 1978. 07	VKMA 01000
	80 (80, 82, B1) - 1.6 GT	XX	1584	1973. 09 ~ 1976. 07	VKMA 01000
	80 (80, 82, B1) - 1.6 GTE	YS	1588	1976. 01 ~ 1978. 07	VKMA 01000
	80 (81, 85, B2) - 1.3	EP	1297	1978. 09 ~ 1986. 07	VKMA 01000
	80 (81, 85, B2) - 1.6	YT / YY	1588	1978. 08 ~ 1981. 07	VKMA 01000
	80 (81, 85, B2) - 1.6	SA	1595	1986. 02 ~ 1986. 07	VKMA 01000
	80 (81, 85, B2) - 1.6	WV / YN	1588	1978. 08 ~ 1986. 07	VKMA 01000
	80 (81, 85, B2) - 1.6	DT	1595	1978. 08 ~ 1986. 07	VKMA 01000
	80 (81, 85, B2) - 1.6	YP	1588	1978. 08 ~ 1983. 02	VKMA 01000
	80 (81, 85, B2) - 1.6 GLE	YZ	1588	1979. 01 ~ 1986. 12	VKMA 01000
	80 (81, 85, B2) - 1.8	SF	1781	1986. 02 ~ 1986. 07	VKMA 01000
	80 (81, 85, B2) - 1.8	DS / JV	1781	1983. 01 ~ 1986. 08	VKMA 01000
	80 (81, 85, B2) - 1.8	JN	1781	1983. 08 ~ 1986. 08	VKMA 01000
	80 (81, 85, B2) - 1.8 CC quattro (85Q)	JV / NE	1781	1984. 08 ~ 1986. 08	VKMA 01000
	80 (81, 85, B2) - 1.8 GTE	PV	1781	1985. 08 ~ 1986. 07	VKMA 01000
	80 (81, 85, B2) - 1.8 GTE	DZ	1781	1984. 10 ~ 1986. 08	VKMA 01000
	80 (81, 85, B2) - 1.9 CD-5S	WN	1921	1981. 09 ~ 1983. 07	VKMA 01031
	80 (81, 85, B2) - 2.0	JS	1994	1983. 10 ~ 1984. 09	VKMA 01031
	80 (81, 85, B2) - 2.0 quattro (85Q)	JS	1994	1983. 10 ~ 1984. 09	VKMA 01031
	80 (81, 85, B2) - 2.2	WE	2144	1980. 10 ~ 1983. 07	VKMA 01031
	80 (81, 85, B2) - 2.2 quattro	KL	2144	1982. 08 ~ 1984. 07	VKMA 01031
	80 (81, 85, B2) - 2.2 quattro (85Q)	KK	2144	1982. 08 ~ 1984. 07	VKMA 01031
	80 (89, 89Q, 8A, B3) - 1.8	SD	1847	1986. 09 ~ 1988. 07	VKMA 01000
	80 (89, 89Q, 8A, B3) - 1.8 E	DZ	1781	1986. 06 ~ 1991. 08	VKMA 01000
	80 (89, 89Q, 8A, B3) - 1.8 S	SF	1781	1986. 09 ~ 1990. 12	VKMA 01000
	80 (89, 89Q, 8A, B3) - 1.8 S	JN / NE / PM	1781	1986. 09 ~ 1991. 10	VKMA 01000
	80 (89, 89Q, 8A, B3) - 1.8 S quattro	SF	1781	1986. 09 ~ 1990. 07	VKMA 01000
	80 (89, 89Q, 8A, B3) - 2.0 E	3A	1984	1988. 08 ~ 1990. 10	VKMA 01000
	80 (89, 89Q, 8A, B3) - 2.0 E quattro	3A	1984	1988. 08 ~ 1990. 09	VKMA 01000
	80 (89, 89Q, 8A, B3) - 2.0 quattro	3A	1984	1988. 08 ~ 1990. 07	VKMA 01000
	80 (8C, B4) - 1.6	ABM	1595	1991. 09 ~ 1994. 12	VKMA 01000





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.

069 109 243 B GT60430

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

069 109 243 B GT60430

069 109 243 B GT60430

069 109 243 B GT60430

069 109 243 B GT60430

069 109 243 B GT60430

069 109 243 B GT60430

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

026 109 243 A GT80070

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
AUDI	80 (8C, B4) - 1.6 E	ADA	1595	1993.06 ~ 1994.12	VKMA 01000
	80 (8C, B4) - 1.9 TDI (289575)	1Z	1896	1991.09 ~ 1994.12	VKMA 01012
	80 (8C, B4) - 1.9 TDI (289576)	1Z	1896	1991.09 ~ 1994.12	VKMA 01014
	80 Avant (8C, B4) - 1.6 E	ADA	1595	1993.06 ~ 1996.01	VKMA 01000
	80 Avant (8C, B4) - 1.9 TDI (289575)	1Z	1896	1992.07 ~ 1996.01	VKMA 01012
	80 Avant (8C, B4) - 1.9 TDI (289576)	1Z	1896	1992.07 ~ 1996.01	VKMA 01014
	90 (81, 85, B2) - 2.0	SK	1994	1986.03 ~ 1987.03	VKMA 01031
	90 (81, 85, B2) - 2.0	HP / JS	1994	1984.10 ~ 1987.03	VKMA 01031
	90 (81, 85, B2) - 2.2 (89-J-394 746)	KV	2226	1984.10 ~ 1987.03	VKMA 01031
	90 (81, 85, B2) - 2.2 E quattro	JT	2226	1985.08 ~ 1987.03	VKMA 01031
	90 (81, 85, B2) - 2.2 E quattro (89-J-394 742)	KV	2226	1984.11 ~ 1987.03	VKMA 01031
	90 (89, 89Q, 8A, B3) - 2.0 (89-J-394 742)	PS	1994	1988.07 ~ 1991.09	VKMA 01031
	90 (89, 89Q, 8A, B3) - 2.0 20 V quattro	NM	1994	1988.08 ~ 1991.09	
	90 (89, 89Q, 8A, B3) - 2.2 E (89-J-394 746)	KV	2226	1987.04 ~ 1991.07	VKMA 01031
	90 (89, 89Q, 8A, B3) - 2.2 E quattro (89-J-394 742)	KV	2226	1987.04 ~ 1991.09	VKMA 01031
	90 (89, 89Q, 8A, B3) - 2.3 E (89-J-396 702)	NG	2309	1987.04 ~ 1991.09	VKMA 01031
	90 (89, 89Q, 8A, B3) - 2.3 E 20V quattro	7A	2309	1988.06 ~ 1991.09	
	90 (89, 89Q, 8A, B3) - 2.3 E quattro (89-J-394 742)	NG	2309	1987.04 ~ 1991.07	VKMA 01031
	A1 (8X1) - 1.6 TDI	CAYC	1598	2010.05 ~	VKMA 01269
	A1 (8X1) - 2.0 TDI	CFHD	1968	2011.09 ~	VKMA 01148
	A1 (8X1) - 2.0 TFSI quattro	CDLH	1984	2012.03 ~	VKMA 01225
	A1 Sportback (8XA) - 1.6 TDI	CAYB	1598	2011.11 ~	VKMA 01269
	A1 Sportback (8XA) - 2.0 TDI	CFHD	1968	2011.09 ~	VKMA 01148
	A2 (8Z0) - 1.2 TDI	ANY	1191	2001.03 ~ 2005.08	VKMA 01142
	A2 (8Z0) - 1.4	AUA / BBY	1390	2000.02 ~ 2005.08	VKMA 01121
	A2 (8Z0) - 1.4 TDI	AMF / BHC	1422	2000.02 ~ 2005.08	VKMA 01250
	A2 (8Z0) - 1.4 TDI	AMF	1422	2000.02 ~ 2005.08	VKMA 01142
	A2 (8Z0) - 1.6 FSI	BAD	1598	2002.05 ~ 2005.08	VKMA 01121
	A3 (8L1) - 1.8 (8L-Y-125 000)	AGN / APG	1781	1996.09 ~ 2003.05	VKMA 01135
	A3 (8L1) - 1.8 T (8L-Y-125 000)	AGU / AQA / ARZ / AUM	1781	1996.12 ~ 2003.05	VKMA 01135
	A3 (8L1) - 1.8 T quattro (8L-Y-125 000)	AGU / AQA / ARX	1781	1996.12 ~ 2003.05	VKMA 01135
	A3 (8L1) - 1.9 TDI	ATD	1896	2000.10 ~ 2003.05	VKMA 01142
A3 (8L1) - 1.9 TDI 100	ATD / AXR	1896	2000.10 ~ 2003.05	VKMA 01250	
A3 (8L1) - 1.9 TDI 90	ASV / AHF	1896	1997.08 ~ 2001.07	VKMA 01251	
A3 (8L1) - 1.9 TDI 90	AGR	1896	1996.09 ~ 2001.07	VKMA 01130	
A3 (8L1) - S3 quattro (8L-Y-125 000)	AMK / APY	1781	1999.03 ~ 2002.04	VKMA 01135	
A3 (8P1) - 1.6 TDI	CAYB	1598	2009.05 ~ 2012.08	VKMA 01269	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
026 109 243 A	GT80070												
		028 109 243						028 109 244	GT60330				
		028 109 243 B											
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243 A	GT80070												
		028 109 243						028 109 244	GT60330				
		028 109 243 B											
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F											
		03L 109 243 B						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		03L 109 243 F											
		06D 109 243 C						06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F											
		03L 109 243 B						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		03L 109 243 F											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
						036 109 243 AG							
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
						036 109 243 AG							
06B 109 243	GT60650							06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
06B 109 243	GT60650							06B 109 244	GT60510				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F											

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
AUDI	A3 (8P1) - 1.9 TDI	BKC / BLS / BXE	1896	2003. 05 ~ 2010. 05	VKMA 01250
	A3 (8P1) - 2.0	BUY	1984	2006. 06 ~ 2012. 08	VKMA 01259
	A3 (8P1) - 2.0 FSI	BLR / BLX / BLY / BW / BVZ	1984	2003. 05 ~	VKMA 01222
	A3 (8P1) - 2.0 TDI	AZV / BKD	1968	2003. 05 ~ 2007. 01	VKMA 01255
	A3 (8P1) - 2.0 TDI 16V	CBAB	1968	2003. 05 ~ 2012. 08	VKMA 01263
	A3 (8P1) - 2.0 TDI 16V quattro	CBAB	1968	2004. 08 ~ 2012. 08	VKMA 01263
	A3 (8P1) - 2.0 TFSI	AXX / BWA / BPY	1984	2004. 09 ~ 2012. 08	VKMA 01222
	A3 (8P1) - 2.0 TFSI quattro	AXX / BWA / BPY	1984	2004. 09 ~ 2012. 08	VKMA 01222
	A3 (8P1) - S3 quattro	BHZ / CDLA	1984	2006. 11 ~ 2012. 08	VKMA 01225
	A3 Convertible (8P7) - 1.6 TDI	CAYC	1598	2009. 05 ~	VKMA 01269
	A3 Convertible (8P7) - 2.0 TDI	CFFA / CFFB	1968	2008. 04 ~ 2010. 11	VKMA 01269
	A3 Convertible (8P7) - 2.0 TDI	CBAA / CBAB	1968	2008. 04 ~	VKMA 01263
	A3 Sportback (8PA) - 1.6 TDI	CAYB	1598	2009. 05 ~	VKMA 01269
	A3 Sportback (8PA) - 2.0	BUY	1984	2006. 06 ~	VKMA 01259
	A3 Sportback (8PA) - 2.0 TDI	AZV / CBAA / CFFA	1968	2004. 09 ~	VKMA 01255
	A3 Sportback (8PA) - 2.0 TDI	BMM	1968	2005. 06 ~ 2008. 06	VKMA 01250
	A3 Sportback (8PA) - 2.0 TDI 16V	CFFB	1968	2004. 09 ~	VKMA 01269
	A3 Sportback (8PA) - 2.0 TDI 16V	CBAB	1968	2004. 09 ~	VKMA 01263
	A3 Sportback (8PA) - 2.0 TDI 16V quattro	CBAB	1968	2005. 11 ~	VKMA 01263
	A4 (8D2, B5) - 1.8 (8D-T-155 000)	ADR	1781	1995. 01 ~ 2000. 11	VKMA 01007
	A4 (8D2, B5) - 1.8 (8D-T-155 001)	ADR	1781	1995. 01 ~ 2000. 11	VKMA 01008
	A4 (8D2, B5) - 1.8 quattro (8D-T-155 000)	ADR	1781	1995. 01 ~ 2000. 11	VKMA 01007
	A4 (8D2, B5) - 1.8 quattro (8D-T-155 001)	ADR	1781	1995. 01 ~ 2000. 11	VKMA 01008
	A4 (8D2, B5) - 1.8 T	AJL	1781	1997. 12 ~ 2000. 11	VKMA 01008
	A4 (8D2, B5) - 1.8 T (8D-T-155 000)	AEB	1781	1995. 01 ~ 2000. 11	VKMA 01007
	A4 (8D2, B5) - 1.8 T (8D-T-155 001)	AEB	1781	1995. 01 ~ 2000. 11	VKMA 01008
	A4 (8D2, B5) - 1.9 TDI	AFF	1896	1995. 12 ~ 2000. 11	VKMA 01014
	A4 (8D2, B5) - 1.9 TDI	AJM	1896	2000. 03 ~ 2000. 11	VKMA 01142
	A4 (8D2, B5) - 1.9 TDI quattro	AFN / AVG	1896	1996. 09 ~ 2000. 11	VKMA 01014
	A4 (8D2, B5) - 1.9 TDI quattro	AJM / ATJ	1896	2000. 03 ~ 2000. 11	VKMA 01142
	A4 (8D2, B5) - 2.4 quattro	AGA / ALF / AML / APS / ARJ	2393	1997. 03 ~ 2000. 11	VKMA 01202
	A4 (8D2, B5) - 2.8	ALG / AMX / APR / AQD	2771	1996. 10 ~ 2000. 11	VKMA 01202
	A4 (8D2, B5) - S4 quattro	AGB / AZB	2671	1997. 09 ~ 2001. 09	VKMA 01202
	A4 (8E2, B6) - 2.0 FSI	AWA	1984	2002. 07 ~ 2004. 12	VKMA 01224
	A4 (8EC, B7) - 2.0 FSI (8E-5-000 001)	AWA	1984	2005. 01 ~ 2005. 07	VKMA 01222
	A4 (8EC, B7) - 2.0 TFSI	BGB / BPG / BWE / BWT	1984	2004. 11 ~ 2008. 06	VKMA 01222
	A4 (8K2, B8) - 2.0 TDI	CAGB / CJCB	1968	2007. 11 ~	VKMA 01263



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 C						06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		058 109 243 D						058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
		058 109 243 D						058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
		058 109 243 D						058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		06D 109 243						06B 109 244	GT60510	06D 109 244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
AUDI	A4 (8K2, B8) - 2.0 TDI	CAHA	1968	2008. 01 ~	VKMA 01263
	A4 Allroad (8KH, B8) - 2.0 TDI quattro	CAGA / CAGB	1968	2009. 09 ~	VKMA 01263
	A4 Allroad (8KH, B8) - 2.0 TDI quattro	CAHA / CAHB	1968	2009. 04 ~	VKMA 01263
	A4 Avant (8D5, B5) - 1.9 TDI	AFF	1896	1996. 03 ~ 2001. 09	VKMA 01014
	A4 Avant (8D5, B5) - 1.9 TDI	AJM	1896	2000. 03 ~ 2001. 09	VKMA 01142
	A4 Avant (8D5, B5) - 1.9 TDI quattro	AJM / ATJ	1896	2000. 03 ~ 2001. 09	VKMA 01142
	A4 Avant (8D5, B5) - 2.4 quattro	APZ	2393	1997. 08 ~ 2001. 09	VKMA 01202
	A4 Avant (8D5, B5) - 2.8 quattro	ATX	2771	1999. 03 ~ 2000. 09	VKMA 01202
	A4 Avant (8E5, B6) - 2.0 FSI	AWA	1984	2002. 07 ~ 2004. 12	VKMA 01224
	A4 Avant (8E5, B6) - 2.4	AMM	2393	2001. 09 ~ 2004. 12	VKMA 01202
	A4 Avant (8ED, B7) - 2.0 FSI (8E-5-000 001)	AWA	1984	2005. 01 ~ 2005. 07	VKMA 01222
	A4 Avant (8ED, B7) - 2.0 TFSI	BGB / BWE	1984	2004. 11 ~ 2008. 06	VKMA 01222
	A4 Avant (8ED, B7) - 2.0 TFSI quattro	BGB / BWE / BWT	1984	2004. 11 ~ 2008. 06	VKMA 01222
	A4 Convertible (8H7, B6, 8HE, B7) - 2.4	AMM / BDV	2393	2002. 04 ~ 2005. 12	VKMA 01202
	A5 (8T3) - 2.0 TDI	CAHB / CGLD / CAHA	1968	2008. 08 ~	VKMA 01263
	A6 (4A, C4) - 1.8	ADR	1781	1995. 12 ~ 1997. 10	VKMA 01008
	A6 (4A, C4) - 1.8 quattro	ADR	1781	1995. 12 ~ 1997. 10	VKMA 01008
	A6 (4A, C4) - 1.9 TDI	1Z / AHU	1896	1994. 06 ~ 1997. 10	VKMA 01014
	A6 (4A, C4) - 2.8	ACK	2771	1995. 12 ~ 1997. 10	VKMA 01202
	A6 (4B, C5) - 1.8	AFY	1781	1997. 05 ~ 2005. 01	VKMA 01008
	A6 (4B, C5) - 1.8	AJP / ANQ / AQE / ARH	1781	1997. 07 ~ 2005. 01	VKMA 01135
	A6 (4B, C5) - 1.8 T quattro	AEB / ANB / APU / ARK	1781	1997. 01 ~ 2005. 01	VKMA 01008
	A6 (4B, C5) - 1.9 TDI	AVF / AWX	1896	2001. 08 ~ 2005. 01	VKMA 01250
	A6 (4B, C5) - 1.9 TDI	AFN / AVG	1896	1997. 04 ~ 2000. 10	VKMA 01014
	A6 (4B, C5) - 1.9 TDI	AJM	1896	2000. 07 ~ 2005. 01	VKMA 01143
	A6 (4B, C5) - 2.4	APC	2393	1997. 02 ~ 2005. 01	VKMA 01202
	A6 (4B, C5) - 2.7 T quattro	AJK	2671	1997. 12 ~ 2005. 01	VKMA 01202
	A6 (4B, C5) - 2.8	ACK/AHA/ALG/AMX/APR/AQD	2771	1997. 02 ~ 2005. 01	VKMA 01202
	A6 (4B, C5) - 2.8 quattro	AGE / ATX	2771	1998. 01 ~ 2001. 05	VKMA 01202
	A6 (4B, C5) - 4.2 quattro (4B-Y-130 000)	ARS / ASG	4172	1998. 11 ~ 2005. 01	VKMA 01900
	A6 (4B, C5) - 4.2 quattro (4B-Y-130 001)	ARS / ASG	4172	1998. 11 ~ 2005. 01	VKMA 01909
	A6 (4B, C5) - RS6 quattro	BCY	4172	2002. 07 ~ 2005. 01	VKMA 01909
	A6 (4B, C5) - S6 quattro (4B-Y-130 000)	ANK / AQJ	4172	1999. 09 ~ 2005. 01	VKMA 01900
	A6 (4B, C5) - S6 quattro (4B-Y-130 001)	ANK / AQJ	4172	1999. 09 ~ 2005. 01	VKMA 01909
	A6 (4F2, C6) - 2.0 TFSI	BPJ / BYK	1984	2005. 06 ~ 2011. 03	VKMA 01222
	A6 (4G2, C7) - 2.0 TDI	CGLD	1968	2011. 03 ~	VKMA 01269
	A6 ALLROAD (4BH, C5) - 2.7 T quattro	ARE / BES	2671	2000. 05 ~ 2005. 08	VKMA 01202



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C						045 109 244 A	GT60350				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		06D 109 243						06B 109 244	GT60510	06D 109 244E	GT50630		
078 109 243 R	GT90750							078 109 244 H	GT90850				
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
078 109 243 R	GT90750							078 109 244 H	GT90850				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
078 109 243 R	GT90750							078 109 244 H	GT90850				
058 109 243 E	GT60660							058 109 244	GT90860				
06B 109 243	GT60650							06B 109 244	GT60510				
058 109 243 E	GT60660							058 109 244	GT90860				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		045 109 243 B						045 109 244 A	GT60350				
		045 109 243 D						045 109 244 A	GT60350				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F						078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
AUDI	A6 Avant (4A, C4) - 1.8	ADR	1781	1995. 12 ~ 1997. 12	VKMA 01008
	A6 Avant (4A, C4) - 1.8 quattro	ADR	1781	1995. 12 ~ 1997. 12	VKMA 01008
	A6 Avant (4A, C4) - 1.9 TDI	1Z / AHU	1896	1994. 06 ~ 1997. 12	VKMA 01014
	A6 Avant (4A, C4) - 2.8	ACK	2771	1995. 12 ~ 1997. 12	VKMA 01202
	A6 Avant (4B, C5) - 1.8	AJP / AQE / ARH	1781	1997. 12 ~ 2005. 01	VKMA 01135
	A6 Avant (4B, C5) - 1.9 TDI	AVF / AWX	1896	2001. 08 ~ 2005. 01	VKMA 01250
	A6 Avant (4B, C5) - 1.9 TDI	AFN	1896	1998. 02 ~ 2001. 04	VKMA 01014
	A6 Avant (4B, C5) - 1.9 TDI	AJM	1896	2000. 07 ~ 2005. 01	VKMA 01143
	A6 Avant (4B, C5) - 2.4	APC	2393	1997. 12 ~ 2005. 01	VKMA 01202
	A6 Avant (4F5, C6) - 2.0 TDI	BLB / BNA / BRE / BRP / BVG	1968	2004. 07 ~ 2011. 08	VKMA 01255
	A6 Avant (4F5, C6) - 2.0 TDI	CAGB / CAHA / CAHB	1968	2005. 06 ~ 2011. 08	VKMA 01263
	A6 Avant (4F5, C6) - 2.0 TFSI	BPJ	1984	2005. 06 ~ 2011. 08	VKMA 01222
	A6 Avant (4G5, C7) - 2.0 TDI	CGLD	1968	2011. 05 ~	VKMA 01269
	A8 (4D2, 4D8) - 2.8	ACK / ALG / AMX / APR / AQD	2771	1996. 04 ~ 2002. 09	VKMA 01202
	A8 (4D2, 4D8) - 2.8 quattro	ACK / AMX / APR / AQD	2771	1996. 04 ~ 2002. 09	VKMA 01202
	A8 (4D2, 4D8) - 3.7 quattro (4D-Y-016 500)	AKC / AQG	3697	1998. 11 ~ 2002. 09	VKMA 01900
	A8 (4D2, 4D8) - 3.7 quattro (4D-Y-016 501)	AKC / AQG	3697	1998. 11 ~ 2002. 09	VKMA 01909
	A8 (4D2, 4D8) - 4.2 quattro (4D-Y-016 500)	AQF / AUW / AUX	4172	1998. 11 ~ 2002. 09	VKMA 01900
	A8 (4D2, 4D8) - 4.2 quattro (4D-Y-016 501)	AQF / AUW / AUX	4172	1998. 11 ~ 2002. 09	VKMA 01909
	A8 (4E_) - 4.0 TDI quattro	ASE	3936	2003. 05 ~ 2005. 07	
	A8 (4E_) - 4.2 quattro	BFM	4172	2002. 10 ~ 2010. 07	
	CABRIOLET (8G7, B4) - 1.8	ADR	1781	1997. 01 ~ 2000. 08	VKMA 01008
	CABRIOLET (8G7, B4) - 1.9 TDI	1Z / AHU	1896	1995. 06 ~ 2000. 08	VKMA 01014
	COUPE (81, 85) - 1.6	YN	1588	1980. 07 ~ 1981. 08	VKMA 01000
	COUPE (81, 85) - 1.8	DD	1781	1981. 08 ~ 1983. 07	VKMA 01000
	COUPE (81, 85) - 1.8 GT	SF	1781	1986. 04 ~ 1988. 10	VKMA 01000
	COUPE (81, 85) - 1.8 GT	DS	1781	1982. 09 ~ 1988. 10	VKMA 01000
	COUPE (81, 85) - 1.8 GT	PV	1781	1986. 08 ~ 1987. 10	VKMA 01000
	COUPE (81, 85) - 1.8 GT	DZ	1781	1986. 08 ~ 1988. 10	VKMA 01000
	COUPE (81, 85) - 1.8 GT quattro	DS / JN / NE	1781	1985. 09 ~ 1988. 10	VKMA 01000
	COUPE (81, 85) - 1.9	WN	1921	1980. 08 ~ 1983. 07	VKMA 01031
	COUPE (81, 85) - 2.0	JS	1994	1983. 09 ~ 1986. 07	VKMA 01031
	COUPE (81, 85) - 2.0	SK	1994	1986. 03 ~ 1988. 04	VKMA 01031
	COUPE (81, 85) - 2.1 GT	WE	2144	1981. 01 ~ 1983. 07	VKMA 01031
COUPE (81, 85) - 2.1 GT	KE	2144	1982. 09 ~ 1987. 10	VKMA 01031	
COUPE (81, 85) - 2.2 GT	HY / KV	2226	1984. 09 ~ 1988. 10	VKMA 01031	
COUPE (81, 85) - 2.2 GT	KX	2226	1981. 07 ~ 1987. 10	VKMA 01031	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
078 109 243 R	GT90750							078 109 244 H	GT90850				
06B 109 243	GT60650							06B 109 244	GT60510				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
077 109 485 C	GT60395							077 109 244 C	GT60410	077 109 244 C	GT60410		
								045 109 244 A	GT60350				
077 109 485 C	GT60395							077 109 244 C	GT60410				
058 109 243 E	GT60660							058 109 244	GT90860				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
AUDI	COUPE (81, 85) - 2.2 quattro	JT	2226	1985. 08 ~ 1988. 10	VKMA 01031
	COUPE (81, 85) - 2.2 quattro	KV	2226	1984. 10 ~ 1988. 10	VKMA 01031
	COUPE (81, 85) - 2.3	NG	2309	1987. 01 ~ 1988. 10	VKMA 01031
	COUPE (81, 85) - 2.3 quattro	NG	2309	1987. 01 ~ 1988. 10	VKMA 01031
	COUPE (89, 8B) - 1.8	DZ	1781	1989. 08 ~ 1991. 07	VKMA 01000
	COUPE (89, 8B) - 2.0	3A	1984	1990. 03 ~ 1990. 07	VKMA 01000
	COUPE (89, 8B) - 2.0	3A	1984	1989. 05 ~ 1990. 03	VKMA 01000
	COUPE (89, 8B) - 2.0 20 V	NM	1994	1989. 08 ~ 1991. 07	
	COUPE (89, 8B) - 2.0 20 V quattro	NM	1994	1989. 08 ~ 1991. 07	
	COUPE (89, 8B) - 2.3 20V	7A	2309	1990. 08 ~ 1991. 07	
	COUPE (89, 8B) - 2.3 20V quattro	7A	2309	1988. 11 ~ 1991. 07	
	COUPE (89, 8B) - S2 quattro	3B	2226	1990. 09 ~ 1992. 09	
	Q3 (8U) - 2.0 TDI	CFFA	1968	2011. 09 ~	VKMA 01148
	Q3 (8U) - 2.0 TDI quattro	CFFB	1968	2012. 01 ~	VKMA 01148
	Q5 (8R) - 2.0 TDI	CJCB	1968	2010. 11 ~	VKMA 01263
	Q5 (8R) - 2.0 TDI quattro	CAHA / CGLB / CMGA	1968	2008. 11 ~	VKMA 01263
	Q7 (4L) - 3.0 TDI	CASA / CCMA / CJGA / CNRB	2967	2007. 11 ~	VKMA 01335
	QUATTRO (85) - 2.1 20V Turbo	KW	2144	1984. 05 ~ 1987. 07	
	QUATTRO (85) - 2.1 Turbo (85-J-900 643)	GV / WR	2144	1980. 07 ~ 1987. 07	VKMA 01031
	QUATTRO (85) - 2.2 20V Turbo	RR	2226	1989. 08 ~ 1991. 07	
	QUATTRO (85) - 2.2 Turbo (85-J-900 643)	MB	2226	1987. 08 ~ 1989. 07	VKMA 01031
	TT (8J3) - 2.0 quattro	CDLA / CDMA	1984	2008. 05 ~	
	TT (8J3) - 2.0 TDI quattro	CBBB / CFGB	1968	2008. 06 ~	VKMA 01263
	TT (8J3) - 2.0 TFSI	BPY / BWA	1984	2006. 08 ~ 2010. 06	VKMA 01222
	TT (8J3) - 2.0 TFSI quattro	CDLB	1984	2008. 05 ~	
	TT (8N3) - 1.8 T (8N-Y-095 000)	AJQ / APP / ATC / AUQ	1781	1998. 10 ~ 2006. 06	VKMA 01135
	TT (8N3) - 1.8 T quattro (8N-Y-095 000)	AJQ / ARY / AUQ / APX / BAM	1781	1998. 10 ~ 2006. 06	VKMA 01135
	TT Roadster (8J9) - 2.0 quattro	CDLA / CDMA	1984	2008. 05 ~	
	TT Roadster (8J9) - 2.0 TDI quattro	CBBB / CFGB	1968	2008. 06 ~	VKMA 01263
	TT Roadster (8J9) - 2.0 TFSI		1984	2007. 03 ~ 2010. 06	VKMA 01222
	TT Roadster (8J9) - 2.0 TFSI quattro	CDLB	1984	2008. 05 ~	
	TT Roadster (8N9) - 1.8 T (8N-Y-095 000)	AJQ / APP / ATC / AUQ	1781	1999. 10 ~ 2006. 06	VKMA 01135
	TT Roadster (8N9) - 1.8 T quattro (8N-Y-095 000)	AJQ / ARY / AUQ	1781	2000. 02 ~ 2006. 06	VKMA 01135
TT Roadster (8N9) - 1.8 T quattro (8N-Y-095 000)	APX / BAM	1781	1999. 10 ~ 2006. 06	VKMA 01135	
A4 (8D2, B5) - 2.5 TDI (quattro)	AFB / AKN	2496	1997. 09 ~ 2001. 09		
A4 Avant (8D5, B5) - 2.5 TDI (quattro)	AFB / AKN	2496	1997. 09 ~ 2001. 09		
A4 (8EC, B7) - 2.5 TDI	BDG	2496	2004. 11 ~ 2006. 05		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		03L 109 243 B 03L 109 243 F				058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G			
		03L 109 243 B /03L 109 243 F				058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G			
		03L 109 243 E				045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930		
		03L 109 243 E				045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930		
		057 109 243 M 059 109 243 P				058 109 244	GT90860						
						069 109 243 B	GT60430						
						069 109 243 B	GT60430						
						069 109 243 B	GT60430						
						069 109 243 B	GT60430						
						06B 109 244	GT60510	06D.109.244E	GT50630				
		03L 109 243 E				045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930		
		06D 109 243 B	GTB0210			06B 109 244	GT60510	06D.109.244E	GT50630				
						06B 109 244	GT60510	06D.109.244E	GT50630				
06B 109 243	GT60650					06B 109 244	GT60510						
06B 109 243	GT60650					06B 109 244	GT60510						
						06B 109 244	GT60510	06D.109.244E	GT50630				
		03L 109 243 E				045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930		
		06D 109 243 B	GTB0210			06B 109 244	GT60510	06D.109.244E	GT50630				
						06B 109 244	GT60510	06D.109.244E	GT50630				
06B 109 243	GT60650					06B 109 244	GT60510						
06B 109 243	GT60650					06B 109 244	GT60510						
06B 109 243	GT60650					06B 109 244	GT60510						
						059 903 341		059 145 276		059 903 341J	GT70380		
						059 903 341		059 145 276		059 903 341J	GT70380		
						059 903 341J	GT70380						

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
AUDI	A4 (8EC, B7) - 2.7 TDI	BSG	2698	2005. 11 ~ 2008. 06	
	A4 (8EC, B7) - 3.0 TDI quattro	BKN	2967	2004. 11 ~ 2008. 06	
	A4 (8K2, B8) - 2.7 TDI	CAMB / CGKB / CAMA / CGKA	2698	2007. 11 ~	
	A4 (8K2, B8) - 3.0 TDI quattro	CAPA / CCLA / CCWA	2967	2007. 11 ~	
	A6 (4B, C5) - 2.5 TDI	AFB / AKN	2496	1997. 07 ~ 2005. 01	
	A8 (4D2, 4D8) - 2.5 TDI (quattro)	AKE / AFB / AKN	2496	1997. 01 ~ 2002. 09	
	A8 (4E_) - 3.0 TDI quattro	ASB	2967	2003. 08 ~ 2010. 07	
	A3 (8L1) - 1.6	AEH / AKL / APF	1595	1996. 09 ~ 2003. 05	VKMA 01113
	A3 (8L1) - 1.6	AVU / BFQ	1595	2000. 08 ~ 2003. 05	VKMA 01113
	A3 (8P1) - 1.6	BGU / BSE / BSF	1595	2003. 05 ~ 2012. 08	VKMA 01113
	A3 (8P1) - 1.6 E-Power	CMXA	1595	2011. 01 ~ 2012. 08	VKMA 01113
	A3 Sportback (8PA) - 1.6	BGU / BSE / BSF	1595	2004. 09 ~	VKMA 01113
	A3 Sportback (8PA) - 1.6 E-Power	CMXA	1595	2011. 01 ~	VKMA 01113
	A3 Convertible (8P7) - 1.6	BSE	1595	2008. 09 ~	VKMA 01113
	A3 (8L1) - 1.9 TDI	ATD / AXR	1896	2000. 10 ~ 2003. 05	
	A3 (8L1) - 1.9 TDI	ASZ	1896	2000. 08 ~ 2003. 05	
	A3 (8L1) - 1.9 TDI quattro	ASZ	1896	2000. 08 ~ 2003. 05	
	A4 (8D2, B5) - 2.5 TDI	AFB / AKN	2496	1997. 09 ~ 2000. 11	
	A4 (8D2, B5) - 2.5 TDI quattro	AFB / AKN	2496	1997. 09 ~ 2000. 11	
	A4 Avant (8D5, B5) - 2.5 TDI	AFB / AKN	2496	1997. 09 ~ 2001. 09	
	A4 Avant (8D5, B5) - 2.5 TDI quattro	AFB / AKN	2496	1997. 09 ~ 2001. 09	
	A4 (8E2, B6) - 2.5 TDI	AYM	2496	2001. 08 ~ 2002. 07	
	A4 (8E2, B6) - 2.5 TDI	BCZ / BDG / BFC	2496	2002. 07 ~ 2004. 12	
	A4 (8E2, B6) - 2.5 TDI quattro	AKE / BAU / BDH	2496	2000. 11 ~ 2004. 12	
	TT (8N3) - 3.2 VR6 quattro	BHE / BPF	3189	2003. 07 ~ 2006. 06	
	TT Roadster (8N9) - 3.2 VR6 quattro	BHE / BPF	3189	2003. 07 ~ 2006. 06	
	A1 (8X1) - 1.4 TFSI	CAXA / CNVA	1390	2010. 05 ~	
	A1 Sportback (8XA) - 1.4 TFSI	CAXA / CNVA	1390	2011. 11 ~	
	A3 (8P1) - 1.4 TFSI	CAXC / CMSA	1390	2007. 09 ~ 2012. 08	
	A3 (8P1) - 1.6 FSI	BAG / BLF / BLP	1598	2003. 08 ~ 2007. 09	
	A3 Sportback (8PA) - 1.4 TFSI	CAXC / CMSA	1390	2007. 09 ~	
	A3 Sportback (8PA) - 1.6 FSI	BLF / BLP	1598	2004. 09 ~	
	A3 Convertible (8P7) - 1.4 TFSI	CAXC	1390	2011. 02 ~	
	A2 (8Z0) - 1.4	AUA / BBY	1390	2000. 02 ~ 2005. 08	
	A2 (8Z0) - 1.6 FSI	BAD	1598	2002. 05 ~ 2005. 08	
	A3 Sportback (8PA) - 2.0 FSI	BLR / BLX / BLY / BVY / BVZ	1984	2004. 09 ~	VKMA 01222
	A3 Sportback (8PA) - 2.0 FSI	AXW / BMB	1984	2004. 09 ~	VKMA 01220



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								059 903 341J	GT70380	059 903 341 G		059 903 341 G	
								059 903 341J	GT70380				
								059 903 341J	GT70380	059 903 341 G		059 903 341 G	
								059 903 341J	GT70380	059 903 341 G		059 903 341 G	
								059 903 341		059 145 276		059 903 341J	GT70380
								059 903 341		059 145 276		059 903 341J	GT70380
								059 903 341J	GT70380	059 903 341 G		059 903 341 G	
	06A 109 479		GTB0150										
	06A 109 479		GTB0150										
	06A 109 479		GTB0150										
	06A 109 479		GTB0150										
	06A 109 479		GTB0150										
	06A 109 479		GTB0150										
	06A 109 479		GTB0150										
038 903 315 AE	GTA0040												
038 903 315 AE	GTA0040												
038 903 315 AE	GTA0040												
								059 903 341 A	GTA0150				
								059 903 341 A	GTA0150				
								059 903 341 A	GTA0150				
								059 903 341 A	GTA0150				
								059 903 341 A	GTA0150				
								059 903 341 A	GTA0150				
								059 903 341 A	GTA0150				
022 145 299 D	GTA0210												
022 145 299 D	GTA0210												
								1J0 145 276	GTA0330				
								1J0 145 276	GTA0330				
								1J0 145 276	GTA0330				
								1J0 145 276	GTA0330				
								1J0 145 276	GTA0330				
								1J0 145 276	GTA0330				
								1J0 145 276	GTA0330				
030 145 299 C	GTA0410												
030 145 299 C	GTA0410												
	06D 109 243 B		GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
	06D 109 243							06B 109 244	GT60510	06D 109 244 A/B	GT30570		

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
AUDI	A3 Sportback (8PA) - 2.0 TFSI	AXX / BWA / BPY	1984	2004. 09 ~	VKMA 01222
	A3 Sportback (8PA) - 2.0 TFSI quattro	AXX / BWA / BPY	1984	2004. 09 ~	VKMA 01222
	A3 Sportback (8PA) - S3 quattro	BHZ / CDLA	1984	2008. 06 ~	
	A3 Sportback (8PA) - S3 quattro	CDLC	1984	2008. 07 ~	
	A4 (8D2, B5) - 1.8 T (8D-1-042 384)	AWT	1781	1995. 01 ~ 2000. 11	VKMA 01136
	A4 (8D2, B5) - 1.8 T quattro (8D-1-042 384)	AWT	1781	1995. 01 ~ 2000. 11	VKMA 01136
	A4 (8E2, B6) - 1.8 T	BEX	1781	2002. 11 ~ 2004. 12	VKMA 01018
	A4 (8E2, B6) - 1.8 T quattro	BEX	1781	2002. 11 ~ 2004. 12	VKMA 01018
	A4 (8E2, B6) - 2.0	ALT	1984	2000. 11 ~ 2004. 12	VKMA 01018
	A4 Avant (8D5, B5) - 1.8 T (8D-1-042 384)	AWT	1781	1996. 03 ~ 2001. 09	VKMA 01136
	A4 Avant (8D5, B5) - 1.8 T quattro (8D-1-042 384)	AWT	1781	1996. 01 ~ 2001. 09	VKMA 01136
	A6 (4B, C5) - 2.0	ALT	1984	2001. 08 ~ 2005. 01	VKMA 01018
	A6 Avant (4B, C5) - 2.0	ALT	1984	2001. 08 ~ 2005. 01	VKMA 01018
	BMW	3 (E21) - 320/6 (rounded tooth profile)	M20 B20	1990	1977. 09 ~ 1982. 08
3 (E21) - 320/6 (trapezoidal tooth profile)		M20 B20	1990	1977. 09 ~ 1982. 08	
3 (E21) - 323 I (rounded tooth profile)		M20 B23	2316	1978. 01 ~ 1982. 08	VKMA 08110
3 (E21) - 323 I (trapezoidal tooth profile)		M20 B23	2316	1978. 01 ~ 1982. 08	
3 (E30) - 320 i		M20 B20	1990	1982. 09 ~ 1985. 12	VKMA 08110
3 (E30) - 320 i		M20 B20	1991	1985. 12 ~ 1991. 06	VKMA 08110
3 (E30) - 320 i		M20 B20	1990	1985. 12 ~ 1990. 06	VKMA 08110
3 (E30) - 323 i		M20 B23	2316	1982. 09 ~ 1986. 08	VKMA 08110
3 (E30) - 325 e 2.7		M20 B27	2693	1983. 10 ~ 1988. 12	VKMA 08110
3 (E30) - 325 e 2.7		M20 B27	2693	1985. 01 ~ 1987. 08	VKMA 08110
3 (E30) - 325 i		M20 B25	2494	1986. 12 ~ 1991. 06	VKMA 08110
3 (E30) - 325 i		M20 B25	2494	1983. 09 ~ 1989. 11	VKMA 08110
3 (E30) - 325 i X		M20 B25	2494	1986. 12 ~ 1991. 08	VKMA 08110
3 Convertible (E30) - 320 i		M20 B20	1990	1986. 04 ~ 1993. 10	VKMA 08110
3 Convertible (E30) - 325 i		M20 B25	2494	1987. 09 ~ 1993. 10	VKMA 08110
3 Convertible (E30) - 325 i		M20 B25	2494	1985. 12 ~ 1987. 12	VKMA 08110
3 Touring (E30) - 320 i		M20 B20	1991	1988. 01 ~ 1991. 12	VKMA 08110
3 Touring (E30) - 325 i		M20 B25	2494	1987. 07 ~ 1993. 03	VKMA 08110
3 Touring (E30) - 325 i X		M20 B25	2494	1988. 06 ~ 1993. 10	VKMA 08110
5 (E12) - 520/6 (rounded tooth profile)		M20 B20	1990	1977. 09 ~ 1981. 05	VKMA 08110
5 (E12) - 520/6 (trapezoidal tooth profile)		M20 B20	1990	1977. 09 ~ 1981. 05	
5 (E28) - 520 I (rounded tooth profile)		M20 B20	1990	1981. 06 ~ 1987. 12	VKMA 08110
5 (E28) - 520 I (trapezoidal tooth profile)		M20 B20	1990	1981. 06 ~ 1987. 12	
5 (E28) - 525 e	M20 B27	2693	1981. 09 ~ 1987. 12	VKMA 08110	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
BMW	5 (E34) - 520 i	M20 B20	1990	1988.01 ~ 1991.08	VKMA 08110
	5 (E34) - 525 i	M20 B25	2494	1988.01 ~ 1991.08	VKMA 08110
	Z1 - 2.5	M20 B25	2494	1988.06 ~ 1991.06	VKMA 08110
CHERY	TIGGO - 2.0	4G63S4M	1997	2005.03 ~ 2008.12	
	TIGGO - 2.4 All-wheel Drive	4G64S4M	2350	2005.11 ~ 2008.12	
CHEVROLET	AVEO Saloon (T250, T255) - 1.2	B12S1	1150	2006.03 ~ 2007.12	VKMA 90008
	AVEO Saloon (T250, T255) - 1.4	F14D3	1399	2006.03 ~ 2007.12	VKMA 90000
	AVEO Saloon (T250, T255) - 1.5	F15S3	1498	2005.05 ~ 2009.10	VKMA 05121
	AVEO Saloon (T250, T255) - 1.6	F16D3	1598	2006.01 ~	VKMA 90000
	EVANDA - 2.0	T20SED	1998	2005.03 ~ 2006.12	VKMA 05222
	KALOS - 1.2	B12S1	1150	2005.03 ~ 2008.12	VKMA 90008
	KALOS - 1.4	F14S3	1399	2005.03 ~ 2008.12	VKMA 05121
	KALOS - 1.4 16V	F14D3	1399	2005.03 ~ 2008.12	VKMA 90000
	KALOS Saloon - 1.2	B12S1	1150	2005.03 ~ 2008.12	VKMA 90008
	KALOS Saloon - 1.4	F14S3	1399	2003.05 ~ 2008.12	VKMA 05121
	KALOS Saloon - 1.4 16V	F14D3	1399	2005.03 ~ 2008.12	VKMA 90000
	LACETTI (J200) - 1.4 16V	F14D3	1399	2005.03 ~	VKMA 90000
	LACETTI (J200) - 1.6	F16D3	1598	2005.03 ~	VKMA 90000
	LACETTI (J200) - 1.8	T18SED	1799	2005.03 ~ 2005.12	VKMA 05222
	LACETTI (J200) - 1.8	F18D3 (LDA)	1796	2006.01 ~	VKMA 05156
	MATIZ (M200, M250) - 0.8	F8CV	796	2005.03 ~	VKMA 90001
	MATIZ (M200, M250) - 1.0	B10S1	995	2005.03 ~	VKMA 90008
	NUBIRA Estate - 1.6	F16D3	1598	2005.03 ~	VKMA 90000
	NUBIRA Estate - 1.8	T18SED	1799	2005.03 ~ 2005.12	VKMA 05222
	NUBIRA Estate - 1.8	F18D3 (LDA)	1796	2006.01 ~	VKMA 05156
	NUBIRA Estate - 2.0	X20SED	1998	2005.01 ~	VKMA 05222
	NUBIRA Saloon - 1.4	F14D3	1399	2005.01 ~	VKMA 90000
	NUBIRA Saloon - 1.6	F16D3	1598	2005.03 ~	VKMA 90000
	NUBIRA Saloon - 1.8	T18SED	1799	2005.03 ~ 2005.12	VKMA 05222
	NUBIRA Saloon - 1.8	T18SED	1799	2006.01 ~	VKMA 05156
	NUBIRA Saloon - 2.0	X20SED	1998	2005.01 ~	VKMA 05222
	OPTRA (1J_) - 1.6	F16D3	1598	2003.08 ~ 2008.12	VKMA 90000
	OPTRA (1J_) - 1.8	T18SED	1799	2003.08 ~ 2005.12	VKMA 05222
	OPTRA (1J_) - 2.0	X20SED	1995	2003.08 ~ 2008.12	VKMA 05222
	OPTRA Estate - 1.6	F16D3	1598	2006.06 ~	VKMA 90000
	REZZO - 1.6	A16DMS	1598	2005.03 ~ 2008.12	VKMA 90000
	REZZO - 1.6	A16DMS	1598	2005.08 ~ 2008.12	VKMA 90000





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
11311711153	GT90870												
11311711153	GT90870												
11311711153	GT90870												
MD362028	GT60060												
MD362028	GT60060												
94580139	GT30010												
		25183772	GTB0010					96350526	GT80750				
		90353176	GTB0020										
		25183772	GTB0010					96350526	GT80750				
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
94580139	GT30010												
		90353176	GTB0020										
		25183772	GTB0010					96350526	GT80750				
94580139	GT30010												
		90353176	GTB0020										
		25183772	GTB0010					96350526	GT80750				
		25183772	GTB0010					96350526	GT80750				
		25183772	GTB0010					96350526	GT80750				
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					5636416	GT60560	5636454	GT30540		
94580139	GT30010												
94580139	GT30010												
		25183772	GTB0010					96350526	GT80750				
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					5636416	GT60560	5636454	GT30540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		25183772	GTB0010					96350526	GT80750				
		25183772	GTB0010					96350526	GT80750				
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					5636416	GT60560	5636454	GT30540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		25183772	GTB0010					96350526	GT80750				
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		25183772	GTB0010					96350526	GT80750				
		25183772	GTB0010					96350526	GT80750				
		25183772	GTB0010					96350526	GT80750				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CHEVROLET	REZZO - 2.0	T20SED	1998	2005. 03 ~ 2008. 12	VKMA 05222
	REZZO - 2.0	T20SED	1998	2005. 08 ~ 2008. 12	VKMA 05222
	SPARK - 0.8	F8CV	796	2000. 09 ~ 2004. 12	VKMA 90001
	SPARK - 0.8	F8CV	796	2005. 05 ~	VKMA 90001
	SPARK - 1.0	B10S	993	2002. 11 ~ 2004. 12	VKMA 90008
	VIVANT - 1.6	A16DMS	1598	2001. 08 ~ 2008. 12	VKMA 90000
	VIVANT - 1.6	A16DMS	1598	2005. 01 ~ 2008. 12	VKMA 90000
	VIVANT - 2.0	X20SED	1998	2000. 08 ~ 2008. 12	VKMA 05222
	VIVANT - 2.0 CX	T20SED	1998	2005. 01 ~ 2008. 12	VKMA 05222
	CAPTIVA (C100, C140) - 2.0 D	Z20S	1991	2006. 10 ~	
	CAPTIVA (C100, C140) - 2.0 D 4WD	Z20S	1991	2006. 10 ~	
	CRUZE (J300) - 2.0 CDI	Z20S1	1991	2009. 05 ~	
	EPICA (KL1_) - 2.0 D	RA420	1991	2007. 01 ~	
	LACETTI (J200) - 2.0 D	Z20DM	1991	2007. 01 ~	
	NUBIRA Estate - 2.0 D	Z20DM	1991	2007. 01 ~	
CHRYSLER	CIRRUS - 2.5 LX	EEB	2497	1994. 10 ~ 2000. 09	VKMA 95613
	DAYTONA Coupe - 2.5 i Turbo	EDT	2501	1990. 01 ~ 1992. 10	
	LE BARON - 2.2 i		2213	1986. 09 ~ 1994. 12	
	LE BARON - 2.2 i Turbo	EDR	2213	1986. 09 ~ 1991. 01	
	LE BARON - 2.5 i	EDM	2501	1986. 09 ~ 1994. 12	
	LE BARON - 2.5 i Turbo	EDT	2501	1989. 01 ~ 1994. 12	
	LE BARON - 3.0 i V6	EFA	2972	1990. 01 ~ 1994. 12	VKMA 95003
	LE BARON Convertible - 2.2 i Turbo	EDR	2197	1986. 09 ~ 1990. 12	
	LE BARON Convertible - 2.5 i	EDM	2501	1986. 09 ~ 1993. 12	
	LE BARON Convertible - 2.5 i Turbo	EDT	2501	1989. 01 ~ 1993. 12	
	LE BARON Convertible - 3.0 i V6	6G72	2972	1990. 01 ~ 1996. 12	VKMA 95003
	LE BARON Coupe - 3.0 i V6	EFA	2972	1990. 01 ~ 1993. 12	VKMA 95003
	SARATOGA - 3.0	6G72	2972	1989. 09 ~ 1995. 12	VKMA 95003
	SEBRING (JS) - 2.0 CRD	ECD	1968	2007. 07 ~ 2010. 12	VKMA 01255
	SEBRING Convertible (JS) - 2.0 CRD	ECD	1968	2007. 07 ~ 2010. 12	VKMA 01255
	STRATUS (JA) - 2.5 LX V6	EEB / H00	2497	1995. 12 ~ 2001. 04	VKMA 95613
	STRATUS (JA) - 2.5 V6	H00	2497	1995. 12 ~	VKMA 95613
	STRATUS Convertible (JX) - 2.5 LX	625H	2499	1996. 04 ~ 2001. 04	VKMA 95613
	VOYAGER I (AS) - 3.0	EFA	2972	1987. 10 ~ 1990. 09	VKMA 95003
	VOYAGER II (ES) - 3.0	EFA	2972	1990. 10 ~ 1995. 09	VKMA 95003
VOYAGER II (ES) - 3.0 i	300 / 6G72	2972	1991. 01 ~ 1995. 09	VKMA 95003	
VOYAGER III (GS) - 3.0	EFA	2972	1995. 01 ~ 2000. 12	VKMA 95003	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
94580139	GT30010												
94580139	GT30010												
94580139	GT30010												
		25183772	GTB0010					96350526	GT80750				
		25183772	GTB0010					96350526	GT80750				
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
								48 05 183	GTA0930				
								48 05 183	GTA0930				
								48 05 183	GTA0930				
								48 05 183	GTA0930				
								48 05 183	GTA0930				
								48 05 183	GTA0930				
								48 05 183	GTA0930				
MD 140071	GT10100							MD 151447	GT10110				
4315705	GT80830												
4315705	GT80830												
4315705	GT80830												
4315705	GT80830												
4315705	GT80830												
MD 104578	GT60770												
4315705	GT80830												
4315705	GT80830												
4315705	GT80830												
MD 104578	GT60770												
MD 104578	GT60770												
MD 104578	GT60770												
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD 104578	GT60770												
MD 104578	GT60770												
MD 104578	GT60770												
MD 104578	GT60770												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CHRYSLER	CROSSFIRE - 3.2	EGX	3199	2003. 07 ~ 2007. 12	
	CROSSFIRE Roadster - 3.2	EGX	3199	2004. 05 ~ 2007. 12	
	AX [ZA- ] - 1.3 Sport	M4A	1294	1987. 04 ~ 1988. 12	
	AX [ZA- ] - 10	C1A	954	1986. 09 ~ 1992. 06	
	AX [ZA- ] - 10 E	C3A	954	1986. 12 ~ 1988. 12	
	AX [ZA- ] - 11	H1A / H1B	1124	1986. 12 ~ 1994. 04	
	AX [ZA- ] - 11 4x4	H1A	1124	1991. 06 ~ 1992. 07	
	AX [ZA- ] - 11 CAT	TU1CP	1124	1988. 09 ~ 1989. 12	
	AX [ZA- ] - 14	TU3CP	1360	1986. 12 ~ 1988. 12	
	BERLINGO (MF) - 1.1 i (MFHDZ, MFHFX)	TU1M / TU1JP	1124	1996. 07 ~	
	BERLINGO (MF) - 1.4 i (MFKFX, MFKFW)	TU3JP	1360	1996. 07 ~	
	BERLINGO (MF) - 1.6 16V (MFNFU)	TU5JP4	1587	2000. 10 ~	
	JUMPER Bus (230P) - 2.5 D	T9A (DJ5)	2446	1994. 03 ~ 2002. 04	
	JUMPER Bus (230P) - 2.5 TD	T8A (DJ5T)	2446	1994. 08 ~ 2002. 04	
	JUMPER Bus (230P) - 2.5 Tdi	THX (DJ5TED)	2446	1996. 12 ~ 2000. 11	
	JUMPER Platform/Chassis (230) - 2.5 Tdi	THX (DJ5TED)	2446	1996. 12 ~ 2002. 04	
	SAXO (S0, S1) - 1.1 X,SX	TU1M+	1124	1996. 05 ~ 2003. 09	
	SAXO (S0, S1) - 1.1 X,SX	TU1JP	1124	1996. 05 ~ 2003. 09	
	SAXO (S0, S1) - 1.4 VTS	TU3JP	1360	1996. 05 ~ 2003. 06	
	SAXO (S0, S1) - 1.6 VTL,VTR	TU5JP	1587	1996. 05 ~ 2003. 06	
XSARA (N1) - 1.4 i	TU3JP	1360	1997. 04 ~ 2005. 03		
XSARA (N1) - 1.6 i	TU5JP	1587	1997. 04 ~ 2000. 09		
ZX (N2) - 1,1	TU1M	1124	1991. 03 ~ 1997. 06		
CIRTOEN	AMI - 10 Super (AM3)	G10	1015	1973. 03 ~ 1977. 12	
	AMI Break - 10 Super (AM3)	G10	1015	1973. 03 ~ 1977. 12	
	AX [ZA- ] - 1.3 Sport	TU2	1294	1987. 04 ~ 1988. 12	VKMA 03100
	AX [ZA- ] - 1.4 Allure (TQ : 101) Cast Iron	TU3	1360	1992. 08 ~ 1994. 04	VKMA 03111
	AX [ZA- ] - 1.4 Gti (TQ : 101)	TU3	1360	1991. 08 ~ 1996. 12	VKMA 03111
	AX [ZA- ] - 1.4 Gti (TQ : 108)	TU3	1360	1991. 08 ~ 1992. 12	VKMA 03110
	AX [ZA- ] - 10	TU9M	954	1986. 09 ~ 1992. 06	VKMA 03100
	AX [ZA- ] - 10	TU9M	954	1986. 07 ~ 1998. 12	VKMA 03100
	AX [ZA- ] - 10	TU9M	954	1987. 02 ~ 1998. 12	VKMA 03100
	AX [ZA- ] - 10 E	TU9M	954	1986. 12 ~ 1988. 12	VKMA 03100
	AX [ZA- ] - 11	TU1M	1124	1986. 12 ~ 1994. 04	VKMA 03100
	AX [ZA- ] - 11	TU1	1124	1986. 09 ~ 1997. 12	VKMA 03100
	AX [ZA- ] - 11 4x4	TU1M	1124	1991. 06 ~ 1992. 07	VKMA 03100
AX [ZA- ] - 11 CAT	TU1CP	1124	1988. 09 ~ 1989. 12	VKMA 03100	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								059 903 341J	GT70380				
								059 903 341J	GT70380				
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
								4007.E4	GT60120				
								4007.E4	GT60120				
								4007.E4	GT60120				
								4007.E4	GT60120				
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	AX [ZA-] - 14 (TQ : 101)	TU3	1360	1987. 04 ~ 1997. 04	VKMA 03111
	AX [ZA-] - 14 (TQ : 101) Cast Iron	TU3	1360	1986. 12 ~ 1988. 12	VKMA 03111
	AX [ZA-] - 14 (TQ : 101) Cast Iron	TU3	1360	1988. 06 ~ 1989. 12	VKMA 03111
	AX [ZA-] - 14 (TQ : 101) Cast Iron	TU3	1360	1989. 01 ~ 1991. 12	VKMA 03111
	AX [ZA-] - 14 (TQ : 108)	TU3	1360	1986. 12 ~ 1988. 12	VKMA 03110
	AX [ZA-] - 14 (TQ : 108)	TU3	1360	1988. 06 ~ 1989. 12	VKMA 03110
	AX [ZA-] - 14 (TQ : 108)	TU3	1360	1987. 04 ~ 1992. 12	VKMA 03110
	AX [ZA-] - 14 4x4 (TQ : 101)	TU3	1360	1991. 08 ~ 1996. 12	VKMA 03111
	AX [ZA-] - 14 4x4 (TQ : 108)	TU3	1360	1991. 08 ~ 1992. 12	VKMA 03110
	AX [ZA-] - 14 D	TUD3	1360	1991. 08 ~ 1997. 12	VKMA 03120
	AX [ZA-] - 14 D	TUD3	1360	1988. 09 ~ 1992. 06	VKMA 03120
	AX [ZA-] - 14 GT (TQ : 101)	TU3	1360	1989. 01 ~ 1991. 12	VKMA 03111
	AX [ZA-] - 15 D	TUD5	1527	1994. 08 ~ 1997. 12	VKMA 03121
	AXEL - 11	G11/631	1129	1984. 01 ~ 1991. 03	VKMA 03100
	AXEL - 11		1299	1984. 01 ~ 1991. 03	VKMA 03100
	BERLINGO - 1.6 HDi 110	DV6TED4	1560	2008. 04 ~	VKMA 03259
	BERLINGO - 1.6 HDi 75	DV6BTED4	1560	2008. 04 ~	VKMA 03259
	BERLINGO - 1.6 HDi 90	DV6ATED4	1560	2008. 04 ~	VKMA 03259
	BERLINGO (MF) - 1.1 i (MFHDZ, MFHFX)	TU1M+	1124	1996. 07 ~	VKMA 03100
	BERLINGO (MF) - 1.1 i (MFHDZ, MFHFX) MOT:3762433	TU1JP	1124	1996. 07 ~	VKMA 03100
	BERLINGO (MF) - 1.4 i (MFKFX, MFKFW) MOT:3666765	TU3JP	1360	1996. 07 ~	VKMA 03110
	BERLINGO (MF) - 1.6 HDi 110	DV6TED4	1560	2005. 08 ~	VKMA 03259
	BERLINGO (MF) - 1.6 HDi 75 (MF9HW) M59	DV6ETED	1560	2005. 07 ~	VKMA 03259
	BERLINGO (MF) - 1.6 HDi 90 (MF9HX) M59	DV6ATED4	1560	2005. 07 ~	VKMA 03259
	BERLINGO (MF) - 1.8 D (MFA9A)	XUD7	1769	1998. 07 ~	VKMA 03241
	BERLINGO (MF) - 1.8 i (MFLFX)	XU7JB	1761	1997. 05 ~	VKMA 03201
	BERLINGO (MF) - 1.8 i 4WD (MFLFX)	XU7JB	1761	1997. 04 ~	VKMA 03201
	BERLINGO (MF) - 1.9 D (MFDJY)	XUD9A	1905	1996. 07 ~ 1997. 01	VKMA 03241
	BERLINGO (MF) - 1.9 D (MFWJZ)	WJY (DW8B) / WJZ (DW8)	1868	1998. 07 ~	VKMA 03244
	BERLINGO (MF) - 2.0 HDi 90 (MFRHY)	RHY (DW10TD)	1997	1999. 12 ~	VKMA 03247
	BERLINGO Box - 1.6 HDi 110	DV6TED4	1560	2008. 04 ~	VKMA 03259
	BERLINGO Box - 1.6 HDi 75	DV6BUTED4	1560	2008. 04 ~	VKMA 03259
	BERLINGO Box - 1.6 HDi 90	DV6AUTED4 / DV6TED4BU	1560	2008. 04 ~	VKMA 03259
	BERLINGO Box - 1.6 HDi 90	DV6AUTED4 / DV6TED4BU	1560	2010. 07 ~	VKMA 03259
	BERLINGO Box (M_) - 1.1 i (MAHDZ, MBHDZ, MBHFX)	TU1M+	1124	1996. 07 ~	VKMA 03100
	BERLINGO Box (M_) - 1.1 i (MAHDZ, MBHDZ, MBHFX) MOT:3762433	TU1JP	1124	1996. 07 ~	VKMA 03100
	BERLINGO Box (M_) - 1.4 i (MBKFX, MBKFW) MOT:3666765	TU3JP	1360	1996. 07 ~	VKMA 03110



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.30	GT50520							96099089					
0829.30	GT50520							96099089					
0829.19	GT80260												
0829.30	GT50520							96099089					
5972277	GT80290												
5972277	GT80290												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.33	GT50570							0830.13	GT50590				
0829.19	GT80260												
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.59	GT60070							0830.28	GT60080				
0829.59	GT60070							0830.28	GT60080				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	BERLINGO Box (M_) - 1.6 HDI 75 (MB9HW)	DV6BTED4	1560	2005. 07 ~	VKMA 03259
	BERLINGO Box (M_) - 1.6 HDI 90 (MB9HX, MC9HX)	DV6ATED4	1560	2005. 07 ~	VKMA 03259
	BERLINGO Box (M_) - 1.8 D (MBA9A, MCA9A)	XUD7	1769	1996. 07 ~ 1997. 01	VKMA 03241
	BERLINGO Box (M_) - 1.8 i	XU7JB	1761	1999. 08 ~ 2002. 10	VKMA 03201
	BERLINGO Box (M_) - 1.9 D (MBDJY)	XUD9A	1905	1996. 07 ~ 1997. 01	VKMA 03241
	BERLINGO Platform/Chassis - 1.6 HDi 90	DV6AUTED4	1560	2008. 04 ~	VKMA 03259
	BERLINGO Platform/Chassis - 1.6 HDi 90	DV6TED4BU	1560	2008. 04 ~	VKMA 03259
	BX (XB) - 1.8 D	XUD7	1769	1985. 10 ~ 1993. 09	VKMA 03240
	BX (XB) - 19 D	XUD9 / XUD9Y	1905	1983. 09 ~ 1993. 09	VKMA 03240
	BX (XB) - TRD Turbo	XUD7TE	1769	1988. 03 ~ 1993. 02	VKMA 03240
	BX (XB-_) - 11	TU1M	1124	1988. 10 ~ 1992. 06	VKMA 03100
	BX (XB-_) - 14 E (TQ:101)	TU3	1360	1982. 10 ~ 1988. 06	VKMA 03111
	BX (XB-_) - 14 E (TQ:101)	TU3	1360	1985. 09 ~ 1993. 02	VKMA 03111
	BX (XB-_) - 14 E (TQ:101) Cast Iron	TU3	1360	1982. 10 ~ 1988. 06	VKMA 03111
	BX (XB-_) - 14 E (TQ:101) Cast Iron	TU3	1360	1985. 09 ~ 1993. 02	VKMA 03111
	BX (XB-_) - 14 E (TQ:108)	TU3	1360	1982. 10 ~ 1988. 06	VKMA 03110
	BX (XB-_) - 14 E (TQ:108)	TU3	1360	1985. 09 ~ 1993. 02	VKMA 03110
	BX (XB-_) - 15	XU5	1580	1987. 10 ~ 1991. 08	VKMA 03200
	BX (XB-_) - 15	XU5	1580	1987. 10 ~ 1992. 01	VKMA 03200
	BX (XB-_) - 16	XU5	1580	1992. 01 ~ 1993. 02	VKMA 03201
	BX (XB-_) - 16	XU5	1580	1987. 01 ~ 1991. 08	VKMA 03200
	BX (XB-_) - 16	XU5	1580	1987. 01 ~ 1992. 01	VKMA 03200
	BX (XB-_) - 16	XU5	1580	1988. 09 ~ 1991. 08	VKMA 03200
	BX (XB-_) - 16	XU5	1580	1982. 10 ~ 1992. 01	VKMA 03200
	BX (XB-_) - 16 E	XU5	1580	1992. 01 ~ 1993. 02	VKMA 03201
	BX (XB-_) - 19	XU9	1905	1986. 09 ~ 1989. 11	VKMA 03200
	BX (XB-_) - 19	XU9	1905	1986. 07 ~ 1989. 05	VKMA 03200
	BX (XB-_) - 19 E	XU9	1905	1992. 01 ~ 1993. 02	VKMA 03201
	BX (XB-_) - 19 E	XU9	1905	1988. 06 ~ 1991. 08	VKMA 03200
	BX (XB-_) - 19 E	XU9	1905	1988. 06 ~ 1992. 01	VKMA 03200
	BX (XB-_) - 19 E 4x4	XU9	1905	1992. 01 ~ 1993. 02	VKMA 03201
	BX (XB-_) - 19 E 4x4	XU9	1905	1989. 04 ~ 1992. 01	VKMA 03200
	BX (XB-_) - 19 Gti	XU9	1905	1988. 06 ~ 1991. 08	VKMA 03200
BX (XB-_) - 19 GTi 4x4	XU9	1905	1988. 06 ~ 1991. 08	VKMA 03200	
BX Break (XB) - 18 D	XUD7	1769	1985. 10 ~ 1993. 09	VKMA 03240	
BX Break (XB) - 19 D	XUD9A/U	1905	1987. 03 ~ 1994. 12	VKMA 03240	
C1 (PM_, PN_) - 1.4 HDI	DV4D	1398	2005. 06 ~	VKMA 03140	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.33	GT50570							0830.13	GT50590				
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.11	GT60130							0830.02	GT60140				
0829.11	GT60130							0830.02	GT60140				
0829.11	GT60130							0830.02	GT60140				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.12	GT50610												
0829.12	GT50610												
0829.19	GT80260												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.19	GT80260												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.19	GT80260												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.11	GT60130							0830.02	GT60140				
0829.11	GT60130							0830.02	GT60140				
		082988	GTB0200					0830.48	GT30500				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	C15 (VD) - 1.8 D	XUD7	1769	1986. 09 ~ 1994. 01	VKMA 03240
	C15 (VD_) - 1.0	TU9	954	1988. 05 ~ 1997. 12	VKMA 03100
	C15 (VD_) - 1.0 E	TU9K	954	1992. 11 ~ 1996. 07	VKMA 03100
	C15 (VD_) - 1.1	TU1	1124	1988. 05 ~ 1996. 12	VKMA 03100
	C15 (VD_) - 1.1 i	TU1M	1124	1988. 07 ~ 1996. 12	VKMA 03100
	C15 (VD_) - 1.4 E (TQ:101) Cast Iron	TU3	1360	1987. 07 ~ 1996. 12	VKMA 03111
	C15 (VD_) - 1.4 E (TQ:108)	TU3	1360	1988. 05 ~ 1996. 12	VKMA 03110
	C15 (VD_) - 1.9 D	DW8B	1868	2000. 12 ~ 2005. 12	VKMA 03244
	C2 (JM_) - 1.4 HDI	DV4TD	1398	2003. 09 ~	VKMA 03140
	C2 (JM_) - 1.6 HDI	DV6TED4	1560	2005. 09 ~	VKMA 03259
	C2 ENTERPRISE - 1.4 HDI	DV4TD	1398	2009. 04 ~	VKMA 03140
	C25 Box (280_, 290_) - 2.5 D	U25-661	2498	1983. 01 ~ 1994. 01	VKMA 03050
	C25 Box (280_, 290_) - 2.5 D 4x4	U25-661	2498	1983. 11 ~ 1986. 12	VKMA 03050
	C25 Bus (280_, 290_) - 1.9 D	XUD9A	1905	1987. 07 ~ 1994. 02	VKMA 03240
	C25 Bus (280_, 290_) - 2.5 D	U25-661	2498	1983. 01 ~ 1994. 01	VKMA 03050
	C25 Bus (280_, 290_) - 2.5 D	U25-661	2500	1985. 10 ~ 1994. 02	VKMA 03050
	C25 Bus (280_, 290_) - 2.5 D 4x4	U25-661	2500	1987. 01 ~ 1994. 02	VKMA 03050
	C25 Bus (280_, 290_) - 2.5 D Turbo	U25-673	2500	1987. 08 ~ 1994. 02	VKMA 03050
	C25 Bus (280_, 290_) - 2.5 D Turbo 4x4	U25-673	2500	1987. 08 ~ 1994. 02	VKMA 03050
	C25 Platform/Chassis (280_, 290_) - 2.5 D	U25-661	2498	1983. 11 ~ 1994. 01	VKMA 03050
	C25 Platform/Chassis (280_, 290_) - 2.5 DT	U25-673	2498	1987. 01 ~ 1994. 01	VKMA 03050
	C3 I (FC_) - 1.4 16V HDI	DV4TED4	1398	2002. 02 ~	VKMA 03141
	C3 I (FC_) - 1.4 HDI	DV4TD	1398	2002. 02 ~	VKMA 03140
	C3 I (FC_) - 1.4 HDI	DV4TED4	1398	2002. 02 ~	VKMA 03141
	C3 I (FC_) - 1.4 HDI	DV4TD	1398	2005. 05 ~	VKMA 03140
	C3 I (FC_) - 1.4 HDI	DV4TED4	1398	2005. 05 ~	VKMA 03141
	C3 I (FC_) - 1.6 16V HDI	DV6ATED4	1560	2005. 10 ~	VKMA 03259
	C3 I (FC_) - 1.6 16V HDI	DV6TED4	1560	2005. 09 ~	VKMA 03259
	C3 II - 1.4 HDi 70	DV4TD	1398	2009. 11 ~	VKMA 03140
	C3 II - 1.6 HDi 90	DV6ATED4	1560	2009. 11 ~	VKMA 03259
	C3 Pluriel (HB_) - 1.4 HDI	DV4TD	1398	2004. 04 ~	VKMA 03140
	C4 I (LC_) - 2.0 HDI	DW10ATED	1997	2008. 07 ~	VKMA 03247
	C5 I (DC_) - 2.0 HDI	DW10ATED / DW10TD	1997	2001. 03 ~ 2004. 08	VKMA 03247
	C5 I (DC_) - 3.0 V6 (DCXFXC, DCXFXF)	ES9J4S	2946	2001. 03 ~ 2004. 08	VKMA 03902
	C5 I Break (DE_) - 3.0 Carlsson	ES9J4S	2946	2003. 09 ~ 2004. 08	VKMA 03902
	C5 I Break (DE_) - 3.0 V6 (DEXFXC, DEXFXF)	ES9J4S	2946	2001. 06 ~ 2004. 08	VKMA 03902
	C5 II (RC_) - 3.0 V6 (RCXFUF)	ES9A	2946	2004. 09 ~	VKMA 03902



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.11	GT60130							0830.02	GT60140				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.59	GT60070							0830.28	GT60080				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0829.11	GT60130							0830.02	GT60140				
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.59	GT60070							0830.28	GT60080				
0829.59	GT60070							0830.28	GT60080				
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	C5 II Break (RE_) - 3.0 V6 (REXFUF)	ES9A	2946	2004. 09 ~	VKMA 03902
	C5 III (RD_) - 3.0 V6	ES9A	2946	2008. 02 ~	VKMA 03902
	C5 III Break (TD_) - 3.0 V6	ES9A	2946	2008. 02 ~	VKMA 03902
	C6 (TD_) - 3.0 V6	ES9A	2946	2005. 09 ~	VKMA 03902
	C8 (EA_, EB_) - 3.0 V6	ES9J4S	2946	2002. 07 ~	VKMA 03902
	CITROËN - ZX (N2) - 1.6	XU5M	1580	1994. 07 ~ 1997. 10	
	CX I (MA) - 25 D Turbo	M25-648	2500	1984. 01 ~ 1985. 08	VKMA 03050
	CX I Break (MA) - 2500 D	M25-629	2500	1984. 01 ~ 1985. 08	VKMA 03050
	CX I Break (MA) - 2500 D Turbo	M25-648	2500	1984. 01 ~ 1985. 08	VKMA 03050
	CX II - 25 D	M25-660	2500	1985. 08 ~ 1990. 12	VKMA 03050
	CX II - 25 D Turbo	M25-648	2500	1985. 08 ~ 1986. 12	VKMA 03050
	CX II - 25 D Turbo	M25-669	2500	1987. 01 ~ 1991. 12	VKMA 03050
	CX II Break - 25 D	M25-660	2500	1986. 05 ~ 1990. 12	VKMA 03050
	CX II Break - 25 D Turbo 2	M25-669	2500	1987. 01 ~ 1991. 12	VKMA 03050
	CX II Break - 2500 D Turbo	M25-648	2500	1985. 08 ~ 1986. 12	VKMA 03050
	EVASION (22, U6) - 1.8	XU7JP	1761	1997. 05 ~ 2002. 07	VKMA 03201
	EVASION (22, U6) - 1.9 TD	XUD9TF	1905	1995. 10 ~ 1997. 01	VKMA 03241
	EVASION (22, U6) - 1.9 TD	XUD9TF	1905	1994. 11 ~ 1997. 01	VKMA 03241
	EVASION (22, U6) - 2.0	XU10J2	1998	1994. 06 ~ 2002. 07	VKMA 03201
	EVASION (22, U6) - 2.0 16V	XU10J4R	1998	1998. 05 ~ 2000. 04	VKMA 03213
	EVASION (22, U6) - 2.0 HDI	DW10ATED	1997	2000. 04 ~ 2002. 07	VKMA 03247
	EVASION (22, U6) - 2.0 HDI 16V	DW10ATED4	1997	1999. 09 ~ 2002. 07	VKMA 03248
	EVASION (22, U6) - 2.0 HDI 8V	DW10ATED	1997	1999. 08 ~ 2002. 07	VKMA 03246
	EVASION (22, U6) - 2.0 Turbo C.T.	XU10J2TE	1998	1994. 06 ~ 2002. 07	VKMA 03201
	EVASION (22, U6) - 2.1 TD	P8C (XUD11BTE)	2088	1996. 05 ~ 2002. 07	VKMA 03251
	GS - 1.0	G10 / 612	1015	1970. 09 ~ 1977. 09	
	GS - 1.1	G11 / 631	1129	1977. 09 ~ 1980. 06	VKMA 03010
	GS - 1.1	G11 / 631	1129	1977. 09 ~ 1981. 07	VKMA 03010
	GS - 1.2	G12 / 611 / G12 / 612	1222	1973. 04 ~ 1979. 06	VKMA 03010
	GS - A 1.3	G13 / 625 / G13 / 646	1299	1979. 09 ~ 1986. 07	VKMA 03010
	GS - X 2	G12 / 619	1222	1975. 09 ~ 1979. 07	VKMA 03010
	GS Break - 1.0	G10	1015	1971. 07 ~ 1977. 09	
GS Break - 1.1	G11 / 631	1129	1977. 09 ~ 1980. 06	VKMA 03010	
GS Break - A 1.2	G12 / 611 / G12 / 612	1222	1973. 04 ~ 1979. 06	VKMA 03010	
GS Break - A 1.3	G13 / 625 / G13 / 646	1299	1979. 09 ~ 1986. 07	VKMA 03010	
GS Break - A Spezial	G11 / 631	1129	1980. 07 ~ 1982. 05	VKMA 03010	
JUMPER Box (230L) - 2.0 HDI	DW10TD	1997	2001. 11 ~ 2002. 04	VKMA 03246	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
645376	GT80460												
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0818.21	GT80290			0818.22	GT50530								
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.33	GT50570							0830.13	GT50590				
0829.19	GT80260												
0818.32	GT50510							96099089					
0829.59	GT60070							0830.28	GT60080				
0829.62								0830.28	GT60080				
0829.62								0830.28	GT60080				
0829.19	GT80260												
0818.19	GT60320							96099089					
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
5972277	GT80290			5972277	GT80290								
0829.62								0830.28	GT60080				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	JUMPER Box (230L) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 09 ~ 2002. 04	VKMA 02383
	JUMPER Box (230L) - 2.8 HDi 4x4	Sofim 2800 HDI	2798	2000. 09 ~ 2002. 04	VKMA 02383
	JUMPER Box (244) - 2.0 HDI	DW10TD	1997	2002. 04 ~	VKMA 03246
	JUMPER Box (244) - 2.8 HDI	Sofim 2800 HDI	2798	2002. 04 ~	VKMA 02383
	JUMPER Box (244) - 2.8 HDI	Sofim 2800 HDI	2798	2004. 05 ~	VKMA 02383
	JUMPER Box (244) - 2.8 HDI 4x4	Sofim 2800 HDI	2798	2002. 04 ~	VKMA 02383
	JUMPER Bus (230P) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 09 ~ 2002. 04	VKMA 02383
	JUMPER Bus (230P) - 2.8 HDi 4x4	Sofim 2800 HDI	2798	2000. 09 ~ 2002. 04	VKMA 02383
	JUMPER Bus (244, Z_) - 2.8 HDI	Sofim 2800 HDI	2798	2002. 04 ~	VKMA 02383
	JUMPER Bus (244, Z_) - 2.8 HDI All-wheel Drive	Sofim 2800 HDI	2798	2002. 04 ~	VKMA 02383
	JUMPER Platform/Chassis (230) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 10 ~ 2002. 01	VKMA 02383
	JUMPER Platform/Chassis (230) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 09 ~ 2002. 04	VKMA 02383
	JUMPER Platform/Chassis (244) - 2.8 HDI	Sofim 2800 HDI	2798	2002. 04 ~	VKMA 02383
	JUMPER Platform/Chassis (244) - 2.8 HDI	Sofim 2800 HDI	2800	2004. 05 ~	VKMA 02383
	JUMPER Platform/Chassis (244) - 2.8 HDI 4x4	Sofim 2800 HDI	2798	2002. 02 ~ 2006. 06	VKMA 02383
	JUMPY (U6U) - 1.6	1580 SPI / 220 A2.000	1581	1995. 10 ~	VKMA 02410
	JUMPY (U6U) - 1.6	220 A2.000	1581	1995. 10 ~ 2000. 08	VKMA 02410
	JUMPY (U6U) - 1.9 D 70	DW8 / DW8B	1868	1998. 04 ~	VKMA 03244
	JUMPY (U6U) - 2.0 HDi 110	DW10ATED4	1997	2000. 03 ~ 2004. 04	VKMA 03248
	JUMPY (U6U) - 2.0 HDi 95	DW10BTED W3	1997	1999. 10 ~ 2000. 07	VKMA 03246
	JUMPY (U6U) - 2.0 HDi 95	DW10BTED W4 / DW10BTED+	1997	1990. 10 ~	VKMA 03247
	JUMPY Box (BS_, BT_, BY_, BZ_) - 1.6	220 A2.000	1581	1995. 10 ~ 2000. 08	VKMA 02410
	JUMPY Box (BS_, BT_, BY_, BZ_) - 1.6 i	1580 SPI / 220 A2.000	1581	1995. 10 ~	VKMA 02410
	SAXO (S0, S1) - 1.0 X	TU9M	954	1996. 05 ~ 1998. 11	VKMA 03100
	SAXO (S0, S1) - 1.0 X	TU9M	954	1998. 05 ~ 2003. 06	VKMA 03100
	SAXO (S0, S1) - 1.1 X,SX	TU1M+	1124	1996. 05 ~ 2003. 09	VKMA 03100
	SAXO (S0, S1) - 1.1 X,SX (MOT:3762433)	TU1JP	1124	1996. 05 ~ 2003. 09	VKMA 03100
	SAXO (S0, S1) - 1.4 VTS (MOT:3666765)	TU3JP	1360	1996. 05 ~ 2003. 06	VKMA 03110
	SAXO (S0, S1) - 1.5 D	TUD5	1527	1996. 09 ~ 2003. 09	VKMA 03121
	SAXO (S0, S1) - 1.5 D	TUD5	1527	1996. 09 ~ 2001. 06	VKMA 03121
	SAXO (S0, S1) - 1.5 D	TUD5B	1527	2001. 07 ~ 2004. 04	VKMA 03122
	SAXO (S0, S1) - 1.6	TU5JP	1587	1996. 02 ~ 2003. 06	VKMA 03111
	SAXO (S0, S1) - 1.6 VTL,VTR	TU5JP	1587	1996. 05 ~ 2003. 06	VKMA 03111
SAXO (S0, S1) - 1.6 VTR	TU5JP	1587	1996. 05 ~ 1999. 07	VKMA 03111	
VISA - 16 GTI	XU5	1580	1985. 01 ~ 1986. 06	VKMA 03200	
VISA - 16 GTI	XU5	1580	1986. 06 ~ 1986. 08	VKMA 03200	
VISA - 16 GTI	XU5	1580	1986. 06 ~ 1988. 12	VKMA 03200	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
0829.62								0830.28	GT60080				
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
5972277	GT80290												
5972277	GT80290												
0829.59	GT60070							0830.28	GT60080				
0829.62								0830.28	GT60080				
0829.62								0830.28	GT60080				
0829.59	GT60070							0830.28	GT60080				
5972277	GT80290												
5972277	GT80290												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.30	GT50520								96099089				
0829.30	GT50520								96099089				
0829.30	GT50520								0830.46				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	VISA - 17 D	XUD7	1769	1985. 01 ~ 1986. 08	VKMA 03240
	XANTIA (X1) - 1.6 i	XU5JP	1580	1993. 03 ~ 1998. 01	VKMA 03201
	XANTIA (X1) - 1.8 i	XU7JB	1761	1997. 04 ~ 1998. 01	VKMA 03201
	XANTIA (X1) - 1.8 i	XU7JP	1761	1993. 03 ~ 1998. 01	VKMA 03201
	XANTIA (X1) - 2.0 i	XU10J2C	1998	1993. 03 ~ 1998. 01	VKMA 03201
	XANTIA (X1) - 2.0 i 16V	XU10J4R	1998	1995. 06 ~ 1998. 01	VKMA 03213
	XANTIA (X1) - 2.0 Turbo	XU10J2TE	1998	1995. 06 ~ 1998. 01	VKMA 03201
	XANTIA (X1) - 2.1 Turbo D 12V	P8C (XUD11BTE)	2088	1995. 06 ~ 1998. 01	VKMA 03251
	XANTIA (X2) - 1.6 i SX	XU5JP	1580	1998. 01 ~ 2001. 03	VKMA 03201
	XANTIA (X2) - 1.8 i	XU7JB	1761	1998. 01 ~ 2003. 04	VKMA 03201
	XANTIA (X2) - 1.8 i 16V	XU7JP4	1761	1998. 01 ~ 2000. 01	VKMA 03213
	XANTIA (X2) - 2.0 HDI 109	DW10ATED	1997	1999. 02 ~ 2003. 04	VKMA 03246
	XANTIA (X2) - 2.0 i	XU10J2	1998	1998. 01 ~ 2003. 04	VKMA 03201
	XANTIA (X2) - 2.0 i 16V	XU10J4R	1998	1998. 01 ~ 2003. 04	VKMA 03213
	XANTIA (X2) - 2.0 Turbo	XU10J2TE	1998	1998. 01 ~ 2003. 04	VKMA 03201
	XANTIA (X2) - 2.1 Turbo D 12V	P8C (XUD11BTE)	2088	1998. 01 ~ 1999. 02	VKMA 03251
	XANTIA Break (X1) - 2.0 i 16V	XU10J4R	1998	1995. 06 ~ 1998. 01	VKMA 03213
	XANTIA Break (X2) - 1.8 i	XU7JB	1761	1998. 01 ~ 2003. 04	VKMA 03201
	XANTIA Break (X2) - 1.8 i 16V	XU7JP4	1761	1998. 01 ~ 2000. 01	VKMA 03213
	XANTIA Break (X2) - 2.0 HDI 109	DW10ATED	1997	1999. 02 ~ 2003. 04	VKMA 03246
	XANTIA Break (X2) - 2.0 i	XU10J2	1998	1998. 01 ~ 2003. 04	VKMA 03201
	XANTIA Break (X2) - 2.0 i 16V	XU10J4R	1998	1998. 01 ~ 2003. 04	VKMA 03213
	XANTIA Break (X2) - 2.0 Turbo	XU10J2TE	1998	1998. 01 ~ 2003. 04	VKMA 03201
	XM (Y3) - 2.0	XU102C	1998	1993. 01 ~ 1994. 04	VKMA 03201
	XM (Y3) - 2.0 i	XU10MZ	1998	1993. 01 ~ 1994. 04	VKMA 03201
	XM (Y3) - 2.0 i	XU10J2	1998	1993. 01 ~ 1994. 04	VKMA 03201
	XM (Y3) - 2.0 i	RDZ (XU10MZ)	1998	1989. 05 ~ 1994. 04	VKMA 03220
	XM (Y3) - 2.0 i	RFZ (XU10J2)	1998	1989. 05 ~ 1994. 04	VKMA 03220
	XM (Y3) - 2.0 i Turbo	XU10J2TE	1998	1992. 09 ~ 1994. 06	VKMA 03201
	XM (Y3) - 2.1 D 12V	P9A (XUD11A)	2138	1989. 05 ~ 1994. 06	VKMA 03250
	XM (Y3) - 2.1 TD 12V	P8A (XUD11ATE)	2088	1989. 05 ~ 1994. 06	VKMA 03251
	XM (Y4) - 2.0 i 16V	XU10J4R	1998	1994. 05 ~ 2000. 10	VKMA 03213
	XM (Y4) - 2.0 Turbo	XU10J2TE	1998	1994. 05 ~ 2000. 10	VKMA 03201
XM Break (Y3) - 2.0	XU102C	1998	1993. 01 ~ 1994. 06	VKMA 03201	
XM Break (Y3) - 2.0 i	XU10J2	1998	1993. 01 ~ 1994. 04	VKMA 03201	
XM Break (Y3) - 2.0 i (Y3A)	XU10MZ / XU102C	1998	1993. 01 ~ 1994. 04	VKMA 03201	
XM Break (Y3) - 2.0 Turbo	XU10J2TE	1998	1992. 09 ~ 1994. 04	VKMA 03201	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.11	GT60130							0830.02	GT60140				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0818.32	GT50510							96099089					
0829.19	GT80260												
0818.19	GT60320							96099089					
0829.19	GT80260												
0829.19	GT80260												
0818.32	GT50510							96099089					
0829.62								0830.28	GT60080				
0829.19	GT80260												
0818.32	GT50510							96099089					
0829.19	GT80260												
0818.19	GT60320							96099089					
0818.32	GT50510							96099089					
0829.19	GT80260												
0818.32	GT50510							96099089					
0829.62								0830.28	GT60080				
0829.19	GT80260												
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
								0829.22	GT80300				
								0829.22	GT80300				
0829.19	GT80260												
0818.19	GT60320							96099089					
0818.19	GT60320							96099089					
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	XM Break (Y4) - 2.0 i 16V	XU10J4R	1998	1994. 05 ~ 2000. 10	VKMA 03213
	XM Break (Y4) - 2.0 Turbo	XU10J2TE	1998	1994. 05 ~ 2000. 10	VKMA 03201
	XSARA (N1) - 1.4 I (MOT:3666765)	TU3JP	1360	1997. 04 ~ 2005. 03	VKMA 03110
	XSARA (N1) - 1.5 D	TUD5	1527	1997. 04 ~ 2000. 09	VKMA 03121
	XSARA (N1) - 1.6 i	TU5JP	1587	1997. 04 ~ 2000. 09	VKMA 03111
	XSARA (N1) - 1.8 i	XU7JB	1761	1997. 04 ~ 2000. 09	VKMA 03201
	XSARA (N1) - 1.8 i Aut.	XU7JP	1761	1997. 04 ~ 2000. 09	VKMA 03201
	XSARA (N1) - 1.9 D	DW8B / DW8	1868	1998. 07 ~ 2005. 03	VKMA 03244
	XSARA (N1) - 2.0 16V	XU10J4R	1998	1998. 07 ~ 2000. 09	VKMA 03213
	XSARA (N1) - 2.0 16V	XU10J4RS	1998	1997. 04 ~ 2000. 04	VKMA 03213
	XSARA Break (N2) - 1.4 I (MOT:3666765)	TU3JP	1360	1997. 10 ~ 2005. 08	VKMA 03110
	XSARA Break (N2) - 1.5 D	TUD5	1527	1997. 10 ~ 2000. 09	VKMA 03121
	XSARA Break (N2) - 1.6 i	TU5JP	1587	1997. 10 ~ 2000. 09	VKMA 03111
	XSARA Break (N2) - 1.8 i	XU7JB	1761	1997. 10 ~ 2000. 09	VKMA 03201
	XSARA Break (N2) - 1.8 i Aut.	XU7JP	1761	1997. 10 ~ 2000. 09	VKMA 03201
	XSARA Break (N2) - 1.9 D	DW8B / DW8	1868	1998. 07 ~ 2005. 08	VKMA 03244
	XSARA Break (N2) - 2.0 16V	XU10J4R	1998	1998. 07 ~ 2000. 09	VKMA 03213
	XSARA Break (N2) - 2.0 HDI 90	DW10TD	1997	1999. 02 ~ 2005. 03	VKMA 03246
	XSARA Coupe (N0) - 1.4 I (MOT:3666765)	TU3JP	1360	1998. 03 ~ 2005. 03	VKMA 03110
	XSARA Coupe (N0) - 1.6 i	TU5JP	1587	1998. 02 ~ 2000. 09	VKMA 03111
	XSARA Coupe (N0) - 1.8 i	XU7JB	1761	1998. 02 ~ 2000. 09	VKMA 03201
	XSARA Coupe (N0) - 1.8 i	XU7JP	1761	1998. 02 ~ 2000. 09	VKMA 03201
	XSARA Coupe (N0) - 2.0	XU10J4R	1998	1998. 08 ~ 2000. 08	VKMA 03213
	XSARA Coupe (N0) - 2.0 i 16V	XU10J4RS	1998	1998. 02 ~ 2000. 04	VKMA 03213
	XSARA PICASSO (N68) - 1.6	TU5JP	1587	1999. 12 ~	VKMA 03111
	ZX (N2) - 1,1	TU1	1124	1991. 03 ~ 1993. 08	VKMA 03100
	ZX (N2) - 1.1	TU1M / TU1M+	1124	1991. 03 ~ 1997. 06	VKMA 03100
	ZX (N2) - 1.4 Cast Iron	TU3-2	1360	1991. 03 ~ 1997. 06	VKMA 03110
	ZX (N2) - 1.4 D	TUD3Y	1360	1994. 07 ~ 1997. 10	VKMA 03120
	ZX (N2) - 1.6	XU5JP	1580	1994. 07 ~ 1997. 10	VKMA 03201
	ZX (N2) - 1.6	XU5M	1580	1994. 07 ~ 1997. 10	VKMA 03201
	ZX (N2) - 1.6 i	BDY (XU5M) / BFZ (XU5JP)	1580	1991. 03 ~ 1997. 06	
ZX (N2) - 1.6 i	XU5JP	1580	1991. 03 ~ 1997. 06	VKMA 03201	
ZX (N2) - 1.6 i	XU5M	1580	1991. 03 ~ 1997. 06	VKMA 03201	
ZX (N2) - 1.6 i	XU5M	1580	1991. 03 ~ 1992. 01	VKMA 03200	
ZX (N2) - 1.8	XU7JP	1761	1994. 07 ~ 1997. 10	VKMA 03201	
ZX (N2) - 1.8 D	XUD7	1769	1994. 01 ~ 1997. 01	VKMA 03241	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.30	GT50520							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.59	GT60070							0830.28	GT60080				
0818.32	GT50510							96099089					
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.30	GT50520							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.59	GT60070							0830.28	GT60080				
0818.32	GT50510							96099089					
0829.62								0830.28	GT60080				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0818.32	GT50510							96099089					
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.30	GT50520							96099089					
0829.19	GT80260												
0829.19	GT80260												
645376	GT80460												
0829.19	GT80260												
0829.19	GT80260												
0829.12	GT50610												
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	ZX (N2) - 1.8 D	XUD7	1769	1993. 06 ~ 1997. 06	VKMA 03240
	ZX (N2) - 1.9 D	XUD9Y	1905	1994. 01 ~ 1997. 01	VKMA 03241
	ZX (N2) - 1.9 D	XUD9	1905	1991. 03 ~ 1997. 06	VKMA 03240
	ZX (N2) - 1.9 DT	XUD9TE	1905	1992. 06 ~ 1994. 06	VKMA 03240
	ZX (N2) - 1.9 i	XU9JA	1905	1992. 01 ~ 1997. 06	VKMA 03201
	ZX (N2) - 1.9 I TQ:113	XU9JA	1905	1991. 03 ~ 1991. 08	VKMA 03200
	ZX (N2) - 1.9 I TQ:113	XU9JA	1905	1991. 03 ~ 1992. 01	VKMA 03200
	ZX (N2) - 2.0 i	XU10J2C	1998	1992. 07 ~ 1997. 06	VKMA 03201
	ZX (N2) - 2.0 i 16V	XU10J4RS	1998	1996. 05 ~ 1997. 06	VKMA 03213
	ZX Break (N2) - 1.4 i	TU3JP / TU3M / TU3MC	1360	1993. 10 ~ 1997. 10	VKMA 03110
	ZX Break (N2) - 1.6 i	BDY (XU5M) / BFZ (XU5JP)	1580	1993. 10 ~ 1997. 10	
	ZX Break (N2) - 1.6 i	XU5JP / XU5M	1580	1993. 10 ~ 1997. 10	VKMA 03201
	ZX Break (N2) - 1.8 i	XU7JP	1761	1993. 10 ~ 1997. 10	VKMA 03201
	BERLINGO (MF) - 1.1 i (MFHDZ, MFHFX) MOT:3762434	TU1JP	1124	1996. 07 ~	VKMA 03253
	BERLINGO (MF) - 1.4 bivalent	TU3A	1360	2002. 11 ~	VKMA 03254
	BERLINGO (MF) - 1.4	TU3JP	1360	2002. 11 ~ 2005. 10	VKMA 03254
	BERLINGO (MF) - 1.4 Hybrid	TU3A	1360	2005. 05 ~	VKMA 03254
	BERLINGO (MF) - 1.4 i (MFKFX, MFKFW) MOT:3666766	TU3JP	1360	1996. 07 ~	VKMA 03254
	BERLINGO (MF) - 1.4 i bivalent (MFKFW)	TU3JP	1360	2003. 04 ~	VKMA 03254
	C2 (JM_) - 1.1	TU1A / TU1JP	1124	2003. 09 ~	VKMA 03253
	C2 (JM_) - 1.4	TU3A / TU3JP	1360	2003. 09 ~	VKMA 03254
	C2 (JM_) - 1.4	TU3A / TU3JP	1360	2006. 10 ~	VKMA 03254
	C3 I (FC_) - 1.1 i	TU1JP	1124	2002. 02 ~	VKMA 03253
	C3 I (FC_) - 1.4 i	TU3A / TU3JP	1360	2002. 02 ~	VKMA 03253
	C3 I (FC_) - 1.4 i Bivalent	TU3JP	1360	2002. 02 ~	VKMA 03254
	C3 I (FC_) - 1.4 Bioflex	TU3JP	1360	2009. 01 ~	VKMA 03254
	C3 II - 1.1	TU1AE5	1124	2009. 11 ~	VKMA 03253
	C3 II - 1.1	TU1A	1124	2009. 11 ~	VKMA 03253
	C3 II - 1.1 BiFuel	TU1A / TU1AE5	1124	2010. 11 ~	VKMA 03253
	C3 II - 1.4	TU3A	1360	2009. 11 ~	VKMA 03254
	C3 Pluriel (HB_) - 1.4	TU3JP	1360	2003. 05 ~	VKMA 03254
	C3 Pluriel (HB_) - 1.4 Hybrid	TU3A	1360	2005. 05 ~	VKMA 03254
	NEMO Estate - 1.4	TU3A / TU3AE5	1360	2009. 04 ~	VKMA 03254
NEMO Box (AA_) - 1.4	TU3A / TU3AE5	1360	2008. 02 ~	VKMA 03254	
SAXO (S0, S1) - 1.1 X,SX MOT:3762434	TU1JP	1124	1996. 05 ~ 2003. 09	VKMA 03254	
SAXO (S0, S1) - 1.4 VTS MOT:3666766	TU3JP	1360	1996. 05 ~ 2003. 06	VKMA 03254	
XSARA (N1) - 1.4 I MOT:3666766	TU3JP	1360	1997. 04 ~ 2005. 03	VKMA 03254	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
CIRTOEN	XSARA Break (N2) - 1.4 I MOT:3666766	TU3JP	1360	1997. 10 ~ 2005. 08	VKMA 03254
	XSARA Coupe (N0) - 1.4 I MOT:3666766	TU3JP	1360	1998. 03 ~ 2005. 03	VKMA 03254
	C2 (JM_) - 1.4 16V	ET3J4	1360	2006. 06 ~	VKMA 03258
	C3 I (FC_) - 1.4 16V	ET3J4	1360	2003. 12 ~	VKMA 03258
	C4 I (LC_) - 1.4 16V	ET3J4	1360	2004. 11 ~	VKMA 03258
	C4 Coupe (LA_) - 1.4 16V	ET3J4	1360	2004. 11 ~	VKMA 03258
	C1 (PM_, PN_) - 1.4 HDI	DV4TD	1398	2005. 06 ~	
	C2 (JM_) - 1.4 HDI	DV4TD	1398	2003. 09 ~	
	C3 I (FC_) - 1.4 HDI	DV4TD	1398	2002. 02 ~	
	C3 I (FC_) - 1.4 16V HDI	DV4TED4	1398	2002. 02 ~	
	C3 I (FC_) - 1.6 16V HDI	DV6ATED4	1560	2005. 10 ~	
	C3 I (FC_) - 1.6 16V HDI	DV6TED4	1560	2005. 09 ~	
	C3 Pluriel (HB_) - 1.4 HDI	DV4TD	1398	2004. 04 ~	
	C4 I (LC_) - 1.6 HDI	DV6ATED4	1560	2004. 11 ~	
	C4 I (LC_) - 1.6 HDI	DV6TED4	1560	2004. 11 ~	
	C4 Coupe (LA_) - 1.6 HDI	DV6ATED4	1560	2004. 11 ~	
	C4 Coupe (LA_) - 1.6 HDI	DV6TED4	1560	2004. 11 ~	
	BERLINGO (MF) - 1.1 i (MFHDZ, MFHFX)	TU1JP	1124	1996. 07 ~	
	BERLINGO (MF) - 1.4	TU3JP	1360	2002. 11 ~ 2005. 10	
	BERLINGO (MF) - 1.4 i (MFKFX, MFKFW)	TU3JP	1360	1996. 07 ~	
	BERLINGO (MF) - 1.4 i bivalent (MFKFW)	TU3JP	1360	2003. 04 ~	
	BERLINGO (MF) - 1.6 16V (MFNFU)	TU5JP4	1587	2000. 10 ~	
	BERLINGO (MF) - 1.6 16V (MFNFU)	TU5JP4	1587	2002. 11 ~	
	BERLINGO Box (M_) - 1.4 i (MBKFX, MBKFW)	TU3JP	1360	1996. 07 ~	
	BERLINGO Box (M_) - 1.6 16V (MBNFU)	TU5JP4	1587	2000. 10 ~	
	XSARA (N1) - 1.4 i	TU3JP	1360	1997. 04 ~ 2005. 03	
	XSARA (N1) - 1.6 16V	TU5JP4	1587	2000. 09 ~ 2005. 03	
	XSARA Break (N2) - 1.4 i	TU3JP / TU3JP	1360	1997. 10 ~ 2005. 08	
	XSARA Break (N2) - 1.6 16V	TU5JP4	1587	2000. 09 ~ 2005. 08	
	XSARA Coupe (N0) - 1.4 i	TU3JP / TU3JP	1360	1998. 03 ~ 2005. 03	
	XSARA Coupe (N0) - 1.6 16V	TU5JP4	1587	2000. 09 ~ 2005. 03	
	XSARA PICASSO (N68) - 1.6 Chrono		1587	2001. 04 ~ 2004. 10	
DACIA	DUSTER - 1.6 16V	K4M 690 / K4M 696	1598	2010. 04 ~	VKMA 06020
	DUSTER - 1.6 16V 4x4	K4M 606	1598	2010. 06 ~	VKMA 06020
	DUSTER - 1.6 16V Hi-Flex	K4M 696	1598	2010. 08 ~	VKMA 06020
	DUSTER - 1.6 16V LPG	K4M 696	1598	2011. 04 ~	VKMA 06020
	LOGAN (LS_) - 1.6 16V (LSOM)	K4M 690 / K4M 694 / K4M 697 / K4M 698	1598	2006. 02 ~	VKMA 06020



# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
DACIA	XSARA Break (N2) - 1.4 I MOT:3666766	TU3JP	1360	1997. 10 ~ 2005. 08	VKMA 03254
	XSARA Coupe (N0) - 1.4 I MOT:3666766	TU3JP	1360	1998. 03 ~ 2005. 03	VKMA 03254
	C2 (JM_) - 1.4 16V	ET3J4	1360	2006. 06 ~	VKMA 03258
	C3 I (FC_) - 1.4 16V	ET3J4	1360	2003. 12 ~	VKMA 03258
	C4 I (LC_) - 1.4 16V	ET3J4	1360	2004. 11 ~	VKMA 03258
	C4 Coupe (LA_) - 1.4 16V	ET3J4	1360	2004. 11 ~	VKMA 03258
	C1 (PM_, PN_) - 1.4 HDI	DV4TD	1398	2005. 06 ~	
	C2 (JM_) - 1.4 HDI	DV4TD	1398	2003. 09 ~	
	C3 I (FC_) - 1.4 HDI	DV4TD	1398	2002. 02 ~	
	C3 I (FC_) - 1.4 16V HDI	DV4TED4	1398	2002. 02 ~	
	C3 I (FC_) - 1.6 16V HDI	DV6ATED4	1560	2005. 10 ~	
	C3 I (FC_) - 1.6 16V HDI	DV6TED4	1560	2005. 09 ~	
	C3 Pluriel (HB_) - 1.4 HDI	DV4TD	1398	2004. 04 ~	
	C4 I (LC_) - 1.6 HDI	DV6ATED4	1560	2004. 11 ~	
	C4 I (LC_) - 1.6 HDI	DV6TED4	1560	2004. 11 ~	
	C4 Coupe (LA_) - 1.6 HDI	DV6ATED4	1560	2004. 11 ~	
	C4 Coupe (LA_) - 1.6 HDI	DV6TED4	1560	2004. 11 ~	
	BERLINGO (MF) - 1.1 i (MFHDZ, MFHFX)	TU1JP	1124	1996. 07 ~	
	BERLINGO (MF) - 1.4	TU3JP	1360	2002. 11 ~ 2005. 10	
	BERLINGO (MF) - 1.4 i (MFKFX, MFKFW)	TU3JP	1360	1996. 07 ~	
	BERLINGO (MF) - 1.4 i bivalent (MFKFW)	TU3JP	1360	2003. 04 ~	
	BERLINGO (MF) - 1.6 16V (MFNFU)	TU5JP4	1587	2000. 10 ~	
	BERLINGO (MF) - 1.6 16V (MFNFU)	TU5JP4	1587	2002. 11 ~	
	BERLINGO Box (M_) - 1.4 i (MBKFX, MBKFW)	TU3JP	1360	1996. 07 ~	
	BERLINGO Box (M_) - 1.6 16V (MBNFU)	TU5JP4	1587	2000. 10 ~	
	XSARA (N1) - 1.4 i	TU3JP	1360	1997. 04 ~ 2005. 03	
	XSARA (N1) - 1.6 16V	TU5JP4	1587	2000. 09 ~ 2005. 03	
	XSARA Break (N2) - 1.4 i	TU3JP / TU3JP	1360	1997. 10 ~ 2005. 08	
	XSARA Break (N2) - 1.6 16V	TU5JP4	1587	2000. 09 ~ 2005. 08	
	XSARA Coupe (N0) - 1.4 i	TU3JP / TU3JP	1360	1998. 03 ~ 2005. 03	
	XSARA Coupe (N0) - 1.6 16V	TU5JP4	1587	2000. 09 ~ 2005. 03	
	XSARA PICASSO (N68) - 1.6 Chrono		1587	2001. 04 ~ 2004. 10	
	DUSTER - 1.6 16V	K4M 690 / K4M 696	1598	2010. 04 ~	VKMA 06020
DUSTER - 1.6 16V 4x4	K4M 606	1598	2010. 06 ~	VKMA 06020	
DUSTER - 1.6 16V Hi-Flex	K4M 696	1598	2010. 08 ~	VKMA 06020	
DUSTER - 1.6 16V LPG	K4M 696	1598	2011. 04 ~	VKMA 06020	
DAEWOO	LOGAN (LS_) - 1.6 16V (LS0M)	K4M 690 / K4M 694 / K4M 697 / K4M 698	1598	2006. 02 ~	VKMA 06020





# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
DAEWOO	CIELO - 1.5	A15MF	1498	1994. 06 ~ 1998. 07	VKMA 90000
	CIELO - 1.5	G15MF	1498	1995. 04 ~ 1997. 07	VKMA 05121
	ESPERO (KLEJ) - 1.5 16V	A15MF	1498	1993. 10 ~ 1994. 09	VKMA 90000
	ESPERO (KLEJ) - 1.5 16V SOHC	G15MF	1498	1994. 05 ~ 1994. 09	VKMA 05121
	ESPERO (KLEJ) - 1.5 16V SOHC	G15MF	1498	1995. 02 ~ 1996. 06	VKMA 05121
	EVANDA (KLAL) - 2.0	T20SED	1998	2003. 01 ~ 2006. 12	VKMA 05222
	KALOS (KLAS) - 1.2	B12S1	1150	2003. 04 ~ 2008. 12	VKMA 90008
	KALOS (KLAS) - 1.4	F14S3	1399	2002. 09 ~ 2006. 12	VKMA 05121
	KALOS (KLAS) - 1.4 16V	F14D3	1399	2003. 04 ~ 2008. 12	VKMA 90000
	KALOS Saloon (KLAS) - 1.4	F14D3	1399	2003. 05 ~ 2004. 12	VKMA 90000
	KALOS Saloon (KLAS) - 1.4	F14S3	1399	2002. 11 ~ 2004. 12	VKMA 05121
	LACETTI Hatchback (KLAN) - 1.4	F14D3	1399	2004. 02 ~ 2006. 12	VKMA 90000
	LACETTI Hatchback (KLAN) - 1.6	F16D3	1598	2004. 02 ~ 2006. 12	VKMA 90000
	LACETTI Hatchback (KLAN) - 1.8	T18SED	1799	2004. 02 ~ 2005. 12	VKMA 05222
	LACETTI Hatchback (KLAN) - 1.8	F18D3	1799	2006. 01 ~ 2006. 12	VKMA 05156
	LACETTI Saloon (J200) - 1.8 CDX	T18SED	1761	2003. 08 ~ 2004. 12	VKMA 05222
	LACETTI Saloon (J200) - 1.8 CDX (J200)	T18SED	1761	2003. 08 ~ 2004. 12	VKMA 05222
	LANOS (KLAT) - 1.4	A14SMS	1349	1997. 05 ~ 2002. 12	VKMA 05121
	LANOS (KLAT) - 1.5	A15SMS	1498	1997. 05 ~ 2002. 12	VKMA 05121
	LANOS (KLAT) - 1.5	A15SMS	1498	1997. 10 ~ 1999. 06	VKMA 05121
	LANOS (KLAT) - 1.6 16V	A16DM	1598	1997. 05 ~ 2002. 12	VKMA 90000
	LANOS Saloon (KLAT) - 1.6 16V	A16DM	1598	1997. 05 ~ 2002. 12	VKMA 90000
	LEGANZA (KLAV) - 2.0 16V	X20SED	1998	2000. 07 ~ 2004. 04	VKMA 90013
	LEGANZA (KLAV) - 2.0 16V	X20SED	1998	1997. 06 ~ 2002. 12	VKMA 90013
	LEGANZA (KLAV) - 2.2 16V	T22SED	2198	1999. 04 ~ 2002. 12	VKMA 05228
	LEMANS - 1.5	G15MG	1498	1990. 09 ~ 1995. 07	VKMA 90000
	MAGNUS - 2.0	X20SED	1998	1999. 07 ~ 2006. 12	VKMA 05222
	MATIZ (KLYA) - 0.8	F8CV	796	1998. 09 ~ 2008. 12	VKMA 90001
	MATIZ (KLYA) - 1.0	B10S	995	2003. 01 ~ 2008. 12	VKMA 90008
	NEXIA (KLETN) - 1.5 16V	A15MF	1498	1995. 02 ~ 1997. 08	VKMA 90000
	NEXIA Saloon (KLETN) - 1.5 16V	A15MF	1498	1995. 02 ~ 1997. 08	VKMA 90000
	NUBIRA (KLAJ) - 1.6	A16DMS	1598	2002. 08 ~ 2003. 07	VKMA 90000
NUBIRA (KLAJ) - 1.6 16V	A16DMS	1598	1997. 05 ~ 2003. 07	VKMA 90000	
NUBIRA (KLAJ) - 2.0 16V	X20SED	1998	1997. 05 ~ 2003. 07	VKMA 05222	
NUBIRA Saloon (KLAJ) - 1.6 16V	A16DMS	1598	2000. 07 ~ 2003. 07	VKMA 90000	
NUBIRA Saloon (KLAJ) - 1.6 16V	A16DMS	1598	1997. 05 ~ 2003. 07	VKMA 90000	
NUBIRA Saloon (KLAJ) - 1.6 16V	A16DMS	1598	1997. 06 ~ 2003. 07	VKMA 90000	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		5094008601	GTB0010					96350526	GT80750				
		90353176	GTB0020										
		5094008601	GTB0010					96350526	GT80750				
		90353176	GTB0020										
		90353176	GTB0020										
		90411774	GTB0050					9128738	GT90540	9128738	GT90540		
94580139	GT30010												
		90353176	GTB0020										
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				
		90353176	GTB0020										
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				
		90411774	GTB0050					9128738	GT90540	9128738	GT90540		
		5636732	GTB0030					5636416	GT60560	5636454	GT30540		
		90411774	GTB0050					9128738	GT90540	9128738	GT90540		
		90411774	GTB0050					9128738	GT90540	9128738	GT90540		
		90353176	GTB0020										
		90353176	GTB0020										
		90353176	GTB0020										
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				
		90528603						9128738	GT90540	9128738	GT90540		
		90528603						9128738	GT90540	9128738	GT90540		
		90528603						9128738	GT90540	9128738	GT90540		
		5094008601	GTB0010					96350526	GT80750				
		90411774	GTB0050					9128738	GT90540	9128738	GT90540		
94580139	GT30010												
94580139	GT30010												
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				
		90411774	GTB0050					9128738	GT90540	9128738	GT90540		
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				
		5094008601	GTB0010					96350526	GT80750				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
DAEWOO	NUBIRA Saloon (KLAJ) - 1.6 16V	A16DMS	1598	2000. 12 ~ 2003. 07	VKMA 90000
	NUBIRA Saloon (KLAJ) - 2.0 16V	T20SED	1998	2000. 12 ~ 2003. 07	VKMA 05222
	NUBIRA Saloon (KLAJ) - 2.0 16V	X20SED	1998	1997. 05 ~ 2003. 07	VKMA 05222
	NUBIRA Saloon (KLAN) - 1.4	F14D3	1399	2003. 10 ~ 2004. 12	VKMA 90000
	NUBIRA Saloon (KLAN) - 1.6	F16D3	1598	2003. 07 ~ 2006. 12	VKMA 90000
	NUBIRA Saloon (KLAN) - 1.8	T18SED	1799	2003. 07 ~ 2005. 12	VKMA 05222
	NUBIRA Saloon (KLAN) - 1.8	T18SED	1799	2006. 01 ~ 2006. 12	VKMA 05156
	NUBIRA Wagon (KLAJ) - 1.6 16V	A16DMS	1598	1997. 05 ~ 2003. 07	VKMA 90000
	NUBIRA Wagon (KLAJ) - 2.0 16V	T20SED	1998	2000. 12 ~ 2003. 07	VKMA 05222
	NUBIRA Wagon (KLAJ) - 2.0 16V	X20SED	1998	1997. 05 ~ 2003. 07	VKMA 05222
	NUBIRA Wagon (KLAN) - 1.6	F16D3	1598	2003. 07 ~ 2006. 12	VKMA 90000
	NUBIRA Wagon (KLAN) - 1.8	T18SED	1796	2004. 06 ~ 2005. 12	VKMA 05222
	NUBIRA Wagon (KLAN) - 1.8	T18SED	1796	2006. 01 ~ 2006. 12	VKMA 05156
	REZZO (KLAU) - 1.6	A16DMS	1598	2000. 09 ~ 2008. 12	VKMA 90000
	REZZO (KLAU) - 1.6 SX	A16DMS	1598	2001. 08 ~ 2004. 12	VKMA 90000
	REZZO (KLAU) - 2.0	X20SED	1998	2000. 09 ~ 2008.12	VKMA 05222
	TICO (KLY3) - 0.8	F8C	657	1995. 02 ~ 2000. 12	VKMA 90001
	NUBIRA Saloon (KLAJ) - 2.0	X20NED	1998	1999. 06 ~ 2003. 07	VKMA 05402
	ASTRA F Hatchback [53_, 54_, 58_, 59_] - 1.6	16 LZ2 / 16 NZ2	1598	1995. 09 ~ 1998. 01	VKMA 05402
	ASTRA F Hatchback [53_, 54_, 58_, 59_] - 1.8   MOT:14 254439	C 18 NZ	1796	1991. 09 ~ 1998. 01	VKMA 05402
	ASTRA F Hatchback [53_, 54_, 58_, 59_] - 2.0   MOT:14 608701	C 20 NE	1998	1991. 09 ~ 1998. 01	VKMA 05402
	ASTRA F [56_, 57_] - 1.6	16 LZ2 / 16 NZ2	1598	1995. 09 ~ 1998. 09	VKMA 05402
	ASTRA F [56_, 57_] - 1.8   MOT:14 254439	C 18 NZ	1796	1992. 03 ~ 1998. 09	VKMA 05402
	ASTRA F [56_, 57_] - 2.0   MOT:14 608701	C 20 NE	1998	1992. 03 ~ 1998. 09	VKMA 05402
	ASTRA F Estate [51_, 52_] - 1.6	16 LZ2 / 16 NZ2	1598	1995. 09 ~ 1998. 01	VKMA 05402
	ASTRA F Estate [51_, 52_] - 1.8   MOT:14 254439	C 18 NZ	1796	1991. 09 ~ 1998. 01	VKMA 05402
	ASTRA F Estate [51_, 52_] - 2.0   MOT:14 608701	C 20 NE	1998	1991. 09 ~ 1994. 07	VKMA 05402
	ASTRA F Convertible [53_B] - 2.0   MOT:14 608701	C 20 NE	1998	1993. 03 ~ 1994. 10	VKMA 05402
	CALIBRA A [85_] - 2.0   MOT:14 608702	C 20 NE	1998	1990. 06 ~ 1997. 07	VKMA 05402
	CALIBRA A [85_] - 2.0 i 4x4 MOT:14 608702	C 20 NE	1998	1990. 06 ~ 1997. 07	VKMA 05402
	FRONTERA A Sport [5_SUD2] - 2.0 i [52SUD2, 55SUD2] MOT:14 680701	C 20 NE / X 20 SE	1998	1992. 03 ~ 1998. 10	VKMA 05402
	KADETT E Hatchback [33_, 34_, 43_, 44_] - 2.0 GSI MOT:14 608701	20 NE	1998	1986. 09 ~ 1991. 08	VKMA 05402
	KADETT E Hatchback [33_, 34_, 43_, 44_] - 2.0 GSI CAT MOT:14 608701	C 20 NE	1998	1986. 09 ~ 1991. 08	VKMA 05402
KADETT E [39_, 49_] - 1.8   MOT:14 254439	C 18 NZ	1796	1990. 09 ~ 1991. 08	VKMA 05402	
KADETT E [39_, 49_] - 1.8   MOT:14 270601	18 E	1796	1984. 09 ~ 1986. 08	VKMA 05402	
KADETT E [39_, 49_] - 2.0   MOT:14 608701	20 NE	1998	1987. 03 ~ 1991. 08	VKMA 05402	
KADETT E [39_, 49_] - 2.0 i CAT MOT:14 608701	C20NE	1998	1987. 03 ~ 1991. 08	VKMA 05402	



# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
DAEWOO	KADETT E Estate [35_, 36_, 45_, 46_] - 1.8 I MOT:14 254439	C 18 NZ	1796	1985. 06 ~ 1991. 08	VKMA 05402
	KADETT E Estate [35_, 36_, 45_, 46_] - 1.8 MOT:14 270601	18 SE	1796	1988. 12 ~ 1991. 08	VKMA 05402
	KADETT E Estate [35_, 36_, 45_, 46_] - 1.8 I MOT:14 270601	18 E / 18 SE	1796	1984. 09 ~ 1986. 08	VKMA 05402
	OMEGA A [16_, 17_, 19_] - 2.0 MOT:14 608701	XF 20 F	1984	1987. 09 ~ 1994. 04	VKMA 05402
	OMEGA A [16_, 17_, 19_] - 2.0 MOT:14 608701	C 20 NE	1998	1990. 09 ~ 1994. 03	VKMA 05402
	OMEGA A Estate [66_, 67_] - 2.0 MOT:14 608701	C 20 NE	1998	1987. 09 ~ 1994. 04	VKMA 05402
	OMEGA A Estate [66_, 67_] - 2.0 MOT:14 608701	C 20 NE	1998	1986. 09 ~ 1994. 03	VKMA 05402
	OMEGA B [25_, 26_, 27_] - 2.0	20 SE	1984	1994. 05 ~ 1999. 05	VKMA 05402
	OMEGA B [25_, 26_, 27_] - 2.0	20 SE	1998	1994. 03 ~ 2000. 12	VKMA 05402
	OMEGA B [25_, 26_, 27_] - 2.0	X 20 SE	1998	1994. 03 ~ 1999. 09	VKMA 05402
	OMEGA B Estate [21_, 22_, 23_] - 2.0	20 SE	1984	1994. 05 ~ 1999. 05	VKMA 05402
	OMEGA B Estate [21_, 22_, 23_] - 2.0	X 20 SE	1998	1994. 03 ~ 1999. 09	VKMA 05402
DAIHATSU	APPLAUSE I (A101, A111) - 1.6 16V (A101)	HDC	1590	1989. 06 ~ 1997. 07	VKMA 97501
	APPLAUSE I (A101, A111) - 1.6 16V (A101)	HDE	1590	1989. 06 ~ 1997. 07	VKMA 97501
	APPLAUSE I (A101, A111) - 1.6 16V 4WD (A111)	HDE	1590	1989. 06 ~ 1997. 07	VKMA 97501
	APPLAUSE II (A101) - 1.6 16V (A101)	HD-E	1590	1997. 07 ~ 2000. 05	VKMA 97501
	BEGO - 1.3 DWT	K3VE	1298	2005. 11 ~	
	BEGO - 1.3 DWT 4x4	K3VE	1298	2005. 11 ~	
	CHARADE II (G11, G30) - 1.0 (G11)	CB 20 / CB 22	993	1983. 10 ~ 1987. 03	VKMA 97300
	CHARADE II (G11, G30) - 1.0 D (G30)	CL 10	993	1983. 10 ~ 1987. 03	
	CHARADE II (G11, G30) - 1.0 TD (G30)	CL 60	993	1985. 02 ~ 1987. 03	
	CHARADE III (G100, G101, G102) - 1.0 (G100)	CB	993	1987. 03 ~ 1990. 11	VKMA 97300
	CHARADE III (G100, G101, G102) - 1.0 (G100)	CB	993	1990. 11 ~ 1992. 12	VKMA 97009
	CHARADE III (G100, G101, G102) - 1.0 (G100)	CB	993	1989. 04 ~ 1990. 11	VKMA 97300
	CHARADE III (G100, G101, G102) - 1.0 Turbo (G100)	CB 61	993	1987. 03 ~ 1990. 10	VKMA 97300
	CHARADE III (G100, G101, G102) - 1.3	HCE	1295	1988. 09 ~ 1992. 01	VKMA 97503
	CHARADE III (G100, G101, G102) - 1.3 i (G102)	HCE	1296	1988. 06 ~ 1992. 12	VKMA 97503
	CHARADE III (G100, G101, G102) - 1.3 i 4WD (G102)	HCE	1296	1988. 06 ~ 1993. 01	VKMA 97503
	CHARADE III Saloon (G102) - 1.3	HCE	1296	1990. 11 ~ 1993. 02	VKMA 97503
	CHARADE IV (G200, G202) - 1.0	CB	993	1994. 09 ~ 1996. 03	VKMA 97009
	CHARADE IV (G200, G202) - 1.0 i	CB	993	1993. 03 ~ 1996. 03	VKMA 97009
	CHARADE IV (G200, G202) - 1.3	HCU	1296	1996. 09 ~ 1999. 11	VKMA 97503
	CHARADE IV (G200, G202) - 1.3 16V	HCU	1296	1996. 05 ~ 1999. 11	VKMA 97503
	CHARADE IV (G200, G202) - 1.3 i 16V	HCE	1296	1993. 01 ~ 1999. 11	VKMA 97503
	CHARADE IV (G200, G202) - 1.5 HG	HEE	1499	1994. 06 ~ 1996. 03	VKMA 97501
	CHARADE IV (G200, G202) - 1.5 i 16V	HEE	1499	1997. 01 ~ 1999. 11	VKMA 97501
CHARADE IV (G200, G202) - 1.5 i 16V	HEE	1499	1997. 01 ~ 1999. 11	VKMA 97501	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
		5636429	GTB0040										
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
								16603-97401	GT40900				
								16603-97401	GT40900				
13505-87702	GT40010												
13505-87702	GT40010												
13505-87702	GT40010												
13505-87702	GT40010												
13505-87702	GT40010												
13505-87702	GT40010												
13505-87702	GT40010												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87702	GT40010												
13505-87702	GT40010												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
DAIHATSU	CHARADE IV (G200, G202) - 1.6 Gti	HDE	1590	1993. 03 ~ 1999. 11	VKMA 97501
	CHARADE IV Saloon (G203) - 1.5 16V	HEE	1499	1994. 10 ~ 2000. 05	VKMA 97501
	CHARADE IV Saloon (G203) - 1.5 i 16V	HEE	1499	1994. 08 ~ 2000. 05	VKMA 97501
	CHARADE IV Saloon (G203) - 1.6 GS	HDE	1589	1993. 03 ~ 1996. 03	VKMA 97501
	CHARMANT (A) - 1.3 (A35)	4K	1290	1981. 11 ~ 1987. 07	VKMA 91202
	CHARMANT (A) - 1.6 (A60)	4A	1588	1985. 09 ~ 1987. 07	VKMA 91202
	CHARMANT (A) - 1.6 (A60)	4A	1587	1986. 05 ~ 1987. 07	VKMA 91202
	CHARMANT (A) - 1.6 (A60)	4A	1587	1984. 01 ~ 1987. 07	VKMA 91202
	COO - 1.3	K3-VE	1298	2006. 10 ~ 2010. 09	
	COO - 1.3 Turbo	K3-VET	1298	2006. 10 ~ 2010. 09	
	CUORE II (L80, L81) - 0.8 (L80)	ED10	847	1985. 09 ~ 1990. 06	
	CUORE II (L80, L81) - 0.8 (L80)	ED10	847	1989. 11 ~ 1990. 12	VKMA 97007
	CUORE II (L80, L81) - 0.8 4WD (L81)	ED10	847	1986. 09 ~ 1988. 10	
	CUORE III (L201) - 0.8	ED	847	1990. 10 ~ 1992. 08	VKMA 97007
	CUORE III (L201) - 0.8	ED	847	1992. 09 ~ 1994. 08	VKMA 97504
	CUORE IV (L501) - 0.8	ED20	847	1995. 01 ~ 1996. 11	VKMA 97504
	CUORE V (L5) - 0.8	ED20	847	1996. 11 ~ 1998. 10	VKMA 97504
	FEROZA Hard Top (F300) - 1.6 16V	HDC	1590	1988. 10 ~ 1999. 10	VKMA 97501
	FEROZA Hard Top (F300) - 1.6 i 16V	HDE	1590	1988. 10 ~ 1999. 10	VKMA 97501
	FEROZA Soft Top (F300) - 1.6 16V	HDC	1590	1988. 10 ~ 1999. 10	VKMA 97501
	FEROZA Soft Top (F300) - 1.6 i 16V	HDE	1590	1988. 10 ~ 1999. 10	VKMA 97501
	GRAN MOVE (G3) - 1.5 16V (G303)	HEEG	1499	1996. 10 ~ 1998. 08	VKMA 97501
	GRAN MOVE (G3) - 1.5 GLX	HEEG	1499	1996. 10 ~ 1998. 08	VKMA 97501
	GRAN MOVE (G3) - 1.5 GX	HEEG	1499	1996. 10 ~ 1998. 08	VKMA 97501
	GRAN MOVE (G3) - 1.6 GLX	HDEP	1589	1998. 06 ~ 2002. 07	VKMA 97501
	GRAN MOVE (G3) - 1.6 GX	HDEP	1589	1998. 06 ~ 2002. 07	VKMA 97501
	HIJET Box (S85) - 1.0	CB	993	1992. 12 ~ 1998. 05	VKMA 97009
	HIJET Box (S85) - 1.0 i	CB	993	1994. 07 ~ 1998. 05	VKMA 97009
	HIJET Box (S85) - 1.3 i 16V	HC	1295	1998. 05 ~ 2002. 12	VKMA 97503
	HIJET Bus (S85) - 1.0 i	CB	993	1994. 07 ~ 1998. 05	VKMA 97009
	MATERIA (M4_) - 1.3	K3-VE	1298	2006. 10 ~ 2010. 09	
	MATERIA (M4_) - 1.3 DWVT Turbo	K3-VET	1298	2006. 10 ~ 2010. 09	
	MOVE (L6, L9) - 0.8	ED20	847	1997. 01 ~ 1998. 09	VKMA 97504
SIRION (M3_) - 1.3	K3VE	1298	2005. 01 ~		
SIRION (M3_) - 1.3	K3VE	1298	2008. 03 ~		
SIRION (M3_) - 1.3 4WD	K3VE	1298	2005. 04 ~		
SIRION (M3_) - 1.3 4WD	K3VE	1298	2008. 03 ~		





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-15041	GT80010												
13505-15041	GT80010												
13505-15041	GT80010												
13505-15041	GT80010												
								16603-97401	GT40900				
								16603-97401	GT40900				
13505-87203	GT80180												
13505-87203	GT80180												
13505-87203	GT80180												
13505-87203	GT80180												
13505-87203	GT80180												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87102	GT80410												
13505-87702	GT40010												
13505-87702	GT40010												
13505-87102	GT80410												
13505-87702	GT40010												
								16603-97401	GT40900				
								16603-97401	GT40900				
13505-87203	GT80180												
								16603-97401	GT40900				
								16603-97401	GT40900				
								16603-97401	GT40900				
								16603-97401	GT40900				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
DAIHATSU	STORIA - 1.3 4x4	K3VE	1298	2005. 04 ~	
	TERIOS (J1) - 1.3	K3VE	1298	2001. 09 ~ 2005. 10	
	TERIOS (J1) - 1.3 4WD	HCEJ	1296	1997. 10 ~ 2000. 05	VKMA 97503
	TERIOS (J1) - 1.3 4WD	K3VE	1298	2000. 10 ~ 2005. 10	
	TERIOS (J1) - 1.3 DWVT Turbo 4WD	K3VE	1298	2002. 10 ~ 2005. 10	
	TERIOS (J2_) - 1.3 DWVT	K3VE	1298	2005. 11 ~	
	TERIOS (J2_) - 1.3 DWVT 4x4	K3VE	1298	2005. 11 ~	
DODGE	AVENGER - 2.0 CRD	ECD	1968	2007. 06 ~	VKMA 01255
	CALIBER - 2.0 CRD	ECD / ECE	1968	2006. 06 ~	VKMA 01255
	CARAVAN - 3.0	EFA	2972	1995. 01 ~ 2001. 03	VKMA 95003
	JOURNEY - 2.0 CRD	ECE	1968	2008. 06 ~	VKMA 01255
	STRATUS - 2.5 V6	EEB	2497	1995. 12 ~ 2001. 04	VKMA 95613
EAGLE	SUMMIT WAGON 2.4	G4CS	2351	1992 ~ 1994	
	TALON 1.8	4G37	1755	1992 ~ 1994	
	TALON 2.0	AG67	1836	1990 ~ 1994	
	VISTA WAGON 2.0	4G63	1998	1989 ~ 1991	
FIAT	BARCETTA (183) - 1.8 16V (37640)	183 A1.000 / 188 A6.000	1747	1995. 04 ~ 1998. 05	VKMA 02177
	BARCETTA (183) - 1.8 16V (37641)	183 A1.000 / 188 A6.000	1747	1995. 04 ~ 1998. 05	VKMA 02183
	BRAVA (182) - 1.8 GT 16V (182.BC)	182 A2.000	1747	1995. 10 ~ 2001. 10	VKMA 02183
	BRAVO I (182) - 2.0 HGT 20V (182.AD)	182 A1.000	1998	1995. 10 ~ 1998. 07	VKMA 02172
	BRAVO I (182) - 2.0 HGT 20V (182.AQ)	182 B7.000	1998	1998. 07 ~ 2001. 10	VKMA 02172
	CINQUECENTO (170) - 1.1 Sporting (170AH)	176 B2.000	1108	1994. 10 ~ 1998. 01	VKMA 02210
	CINQUECENTO (170) - 1.1 Sporting (170AH) (MOT:9042884)	176 B2.000	1108	1994. 10 ~ 1998. 01	VKMA 02202
	COUPE (FA/175) - 1.8 16V (1070426)	183 A1.000	1747	1996. 03 ~ 1998. 05	VKMA 02177
	COUPE (FA/175) - 1.8 16V (1070427)	183 A1.000	1747	1996. 03 ~ 1998. 05	VKMA 02183
	COUPE (FA/175) - 2.0 16V	836 A3.000	1995	1993. 11 ~ 1996. 08	VKMA 02224
	COUPE (FA/175) - 2.0 16V Turbo	175 A1.000	1995	1993. 11 ~ 1996. 08	VKMA 02224
	COUPE (FA/175) - 2.0 20V	182 A1.000	1998	1996. 08 ~ 1998. 04	VKMA 02172
	COUPE (FA/175) - 2.0 20V	182 B3.000	1998	1998. 04 ~ 2000. 08	VKMA 02172
	COUPE (FA/175) - 2.0 20V Turbo	175 A3.000	1998	1996. 08 ~ 2000. 08	VKMA 02172
	CROMA (154) - 1600	154 A.048	1585	1985. 12 ~ 1990. 12	
	CROMA (154) - 2000 16V	154 E1.000	1995	1992. 08 ~ 1996. 08	VKMA 02224
	CROMA (154) - 2000 CHT	154 C5.000	1995	1991. 01 ~ 1992. 09	
	CROMA (154) - 2000 i.e. (154.AD)	154 C3.000 / 834 B.000	1995	1987. 03 ~ 1992. 09	VKMA 02227
	CROMA (154) - 2000 i.e. (154.AM, 154.LM)	154 C3.046 / 834 B.146	1995	1987. 10 ~ 1996. 08	VKMA 02227
	CROMA (154) - 2000 i.e. Turbo (154.AM)	154 A2.000	1995	1985. 12 ~ 1990. 06	VKMA 02227
CROMA (154) - 2000 i.e. Turbo (154.AM, 154.LM)	154 C4.046 / 834 C.146	1995	1987. 06 ~ 1996. 08	VKMA 02227	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								16603-97401	GT40900				
								16603-97401	GT40900				
13505-87102	GT80410												
								16603-97401	GT40900				
								16603-97401	GT40900				
								16603-97401	GT40900				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
MD 104578	GT60770												
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
MD 140071	GT10100							MD 151447	GT10110				
	GT10031				GT80480								
	GT80900				GT80950								
	GT10070												
	GT10031				GT80480								
		55192239 60596372						60652129	GT50500				
		55192240 60652477						60652129	GT50500				
		55192240 60652477						60652129	GT50500				
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				
5972277	GT80290												
5972277	GT80290												
		55192239 60596372						60652129	GT50500				
		55192240 60652477						60652129	GT50500				
5997325	GT70450												
5997325	GT70450												
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				
5997325	GT70450												
5997325	GT70450												
5956109	GT70430												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FIAT	CROMA (194) - 2.4 D Multijet	939 A3.000	2387	2005. 06 ~	VKMA 02195
	DOBLO (119) - 1.2 (223AXA1A) (MOT:2533528)	223 A5.000	1242	2001. 03 ~	VKMA 02203
	DOBLO (119) - 1.9 D (223AXB1A)	223 A6.000	1910	2001. 03 ~	VKMA 02171
	DOBLO (119) - 1.9 JTD	223 A7.000 / 223 B1.000	1910	2003. 07 ~	VKMA 02176
	DOBLO (119) - 1.9 JTD (223AXE1A)	182 B9.000	1910	2001. 10 ~ 2003. 05	VKMA 02176
	DOBLO Cargo (223) - 1.2 (223ZXA1A) (MOT:2533528)	223 A5.000	1242	2001. 03 ~	VKMA 02203
	DOBLO Cargo (223) - 1.9 D (223ZXB1A)	223 A6.000	1910	2001. 03 ~	VKMA 02171
	DOBLO Cargo (223) - 1.9 JTD	223 A7.000 / 223 B1.000	1910	2003. 07 ~	VKMA 02176
	DOBLO Cargo (223) - 1.9 JTD (223ZXE1A)	182 B9.000	1910	2001. 10 ~ 2003. 05	VKMA 02176
	DUCATO Box (230L) - 2.0	R5B / RFW	1998	1994. 03 ~ 2002. 04	VKMA 03202
	DUCATO Box (230L) - 2.0 4x4	R5B / RFW	1998	1994. 11 ~ 2002. 04	VKMA 03202
	DUCATO Box (280) - 2.5 D	CDR93	2500	1982. 01 ~ 1990. 08	VKMA 03050
	DUCATO Bus (230) - 2.0	R5B / RFW	1998	1994. 06 ~ 1995. 12	VKMA 03202
	DUCATO Bus (230) - 2.0 4x4	R5B / RFW	1998	1994. 11 ~ 2001. 11	VKMA 03202
	DUCATO Bus (230) - 2.0 Panorama/Combinato	R5B / RFW	1998	1994. 03 ~ 2002. 04	VKMA 03202
	DUCATO Platform/Chassis (230) - 2.0	R5B / RFW	1998	1998. 06 ~ 2002. 04	VKMA 03202
	DUCATO Platform/Chassis (280) - 2.5 D	CDR93	2500	1982. 01 ~ 1990. 08	VKMA 03050
	ELBA (146_) - 1.5	149 C1.000	1497	1992. 01 ~ 1996. 12	VKMA 02111
	FIORINO (147) - 1.3	146 A5.000	1301	1987. 12 ~ 1993. 08	
	FIORINO (147) - 1.5	149 C1.000	1499	1988. 01 ~ 1993. 08	VKMA 02111
	FIORINO Box (146) - 60 1.1	146 A9.000	1116	1988. 05 ~ 1993. 12	
	FIORINO Box (146) - 70 1.3	146 A5.000	1301	1988. 01 ~ 1994. 12	
	FIORINO Box (146) - 70 i.e. 1.4	146 C5.000 / 146 D5.000	1372	1994. 05 ~ 2001. 05	VKMA 02410
	FIORINO Box (146) - 75 i.e. 1.5	149 C1.000	1499	1988. 05 ~ 1993. 12	VKMA 02111
	FIORINO Box (146) - 75 i.e. 1.6	146 C6.000 / 146 D6.000	1581	1993. 10 ~ 2001. 05	VKMA 02410
	FIORINO Pick up (146) - 1.4	146 D5.000	1372	1994. 05 ~ 2001. 05	VKMA 02410
	FIORINO Pick up (146) - 1.6	146 C6.000 / 146 D6.000	1581	1994. 01 ~ 2001. 05	VKMA 02410
	FIORINO Pick up (147) - 1.1	146 A9.000	1036	1987. 09 ~ 1988. 12	
	MAREA (185) - 1.8 115 16V	182 A2.000	1747	1996. 09 ~ 2002. 05	VKMA 02183
	MAREA (185) - 2.0 150 20V (CF3)	185 A8.000	1998	2001. 01 ~ 2002. 05	VKMA 02185
	MAREA (185) - 2.0 150 20V (CF3)	182 B7.000	1998	1999. 04 ~ 2001. 01	VKMA 02185
	MAREA (185) - 2.0 155 20V (CF2)	185 A8.000	1998	2001. 01 ~ 2002. 05	VKMA 02172
	MAREA (185) - 2.0 155 20V (CF2)	182 B7.000	1998	1999. 04 ~ 2001. 01	VKMA 02172
	MAREA (185) - 2.4 JTD 130	185 A6.000	2387	1999. 04 ~ 2002. 05	VKMA 02172
MAREA Weekend (185) - 1.8 115 16V	182 A2.000	1747	1996. 09 ~ 2002. 05	VKMA 02183	
MAREA Weekend (185) - 2.0 150 20V (CF2)	185 A8.000	1998	2001. 01 ~ 2002. 05	VKMA 02172	
MAREA Weekend (185) - 2.0 150 20V (CF3)	185 A8.000	1998	2001. 01 ~ 2002. 05	VKMA 02185	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		55183527 55191315						60813590	GT60550				
5972277	GT80290												
		55183527 55192323						60813590	GT60550				
		55183527 55191315						60813590	GT60550				
		55183527 55191315						60813590	GT60550				
5972277	GT80290												
		55183527 55192323						60813590	GT60550				
		55183527 55191315						60813590	GT60550				
		55183527 55191315						60813590	GT60550				
9622574480	GT50510												
9622574480	GT50510												
5972277	GT80290			95495830	GT50530								
9622574480	GT50510												
9622574480	GT50510												
9622574480	GT50510												
9622574480	GT50510												
5972277	GT80290			95495830	GT50530								
5997325	GT70450												
5972277	GT80290												
5997325	GT70450												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5997325	GT70450												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
		55192240 60652477						60652129	GT50500				
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				
		55192240 60652477						60652129	GT50500				
		55192773 7772961						60813590	GT60550				
		55192773 7772961						60813590	GT60550				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FIAT	MAREA Weekend (185) - 2.0 155 20V (CF2)	182 B7.000	1998	1994. 04 ~ 2003. 02	VKMA 02172
	MAREA Weekend (185) - 2.0 155 20V (CF3)	182 B7.000	1998	1994. 04 ~ 2003. 02	VKMA 02185
	MULTIPLA (186) - 1.9 JTD 105 (186AXB1A)	182 B4.000	1910	1999. 04 ~ 2010. 06	VKMA 02176
	MULTIPLA (186) - 1.9 JTD 110	186 A6.000	1910	2001. 03 ~ 2002. 07	VKMA 02176
	MULTIPLA (186) - 1.9 JTD 115	186 A8.000	1910	2002. 07 ~ 2010. 06	VKMA 02176
	PALIO (178BX) - 1.0	178 A1.000	994	1996. 04 ~	VKMA 02205
	PALIO (178BX) - 1.2 (MOT:9042883)	178 B7.045 / 178 C4.066 / 188 A4.000	1242	1997. 07 ~ 2002. 08	VKMA 02201
	PALIO (178BX) - 1.2 (MOT:9042883)	178 E2.000	1242	1999. 06 ~ 2000. 10	VKMA 02201
	PALIO (178BX) - 1.2 (MOT:9042884)	178 B7.045 / 178 C4.066 / 188 A4.000	1242	1997. 07 ~ 2002. 08	VKMA 02203
	PALIO (178BX) - 1.2 (MOT:9042884)	178 B7.045 / 178 C4.066 / 188 A4.000	1242	1999. 06 ~ 2000. 10	VKMA 02203
	PALIO (178BX) - 1.4	178 B2.000	1372	1996. 04 ~	VKMA 02411
	PALIO (178BX) - 1.4 CAT	178 B2.016	1372	1996. 04 ~	VKMA 02411
	PANDA (141A_) - 1000	156 A2.000 / 156 A2.146	999	1986. 01 ~ 1992. 04	VKMA 02200
	PANDA (141A_) - 1000 i.e. CAT	141 C2.000 / 156 A2.246	999	1987. 10 ~ 1998. 08	VKMA 02200
	PANDA (141A_) - 1100	156 C.046	1108	1991. 05 ~ 1999. 12	VKMA 02200
	PANDA (141A_) - 1100	176 B2.000 / 187 A1.000	1108	1995. 02 ~ 2003. 09	VKMA 02210
	PANDA (141A_) - 1100 Trekking 4x4	156 C.046	1108	1991. 10 ~ 2004. 07	VKMA 02200
	PANDA (141A_) - 750 (141AA)	156 A4.000	770	1986. 01 ~ 1995. 01	VKMA 02200
	PANDA (141A_) - 750 (141AM) CAT	156 A4.048	770	1995. 01 ~ 2003. 11	VKMA 02200
	PANDA (169) - 1.1	187 A1.000	1108	2003. 09 ~	VKMA 02210
	PANDA (169) - 1.2	188 A4.000	1242	2003. 09 ~ 2008.06	VKMA 02203
	PUNTO (176) - 1.4 GT Turbo	176 A4.000	1372	1994. 01 ~ 1996. 09	VKMA 02410
	PUNTO (176) - 1.4 GT Turbo	176 B6.000	1372	1996. 09 ~ 1999. 09	VKMA 02410
	PUNTO (176) - 1.6	176 A9.000	1581	1994. 01 ~ 1997. 04	VKMA 02410
	PUNTO (176) - 55 1.1	176 A6.000 / 176 B2.000	1108	1993. 09 ~ 1999. 09	VKMA 02202
	PUNTO (176) - 55 1.1	176 A6.000 / 176 B2.000	1108	1993. 09 ~ 1999. 09	VKMA 02210
	PUNTO (176) - 60 1.2	176 A7.000	1242	1994. 01 ~ 1999. 09	VKMA 02201
	PUNTO (176) - 60 1.2	176 B1.000	1242	1994. 01 ~ 1999. 09	VKMA 02201
	PUNTO (176) - 60 1.2	176 B4.000	1242	1994. 01 ~ 1999. 09	VKMA 02201
	PUNTO (176) - 60 1.2	176 A8.000	1242	1994. 01 ~ 1999. 09	VKMA 02201
	PUNTO (176) - 60 1.2	176 B4.000	1242	1994. 01 ~ 1999. 09	VKMA 02203
	PUNTO (176) - 60 1.2	176 A8.000	1242	1994. 01 ~ 1999. 09	VKMA 02203
	PUNTO (176) - 75 1.2	176 A8.000	1242	1994. 01 ~ 1999. 09	VKMA 02201
PUNTO (176) - 75 1.2	176 A8.000	1242	1994. 01 ~ 1999. 09	VKMA 02203	
PUNTO (188) - 1.2 60	188 A4.000	1242	1999. 09 ~	VKMA 02203	
PUNTO (188) - 1.2 Bifuel	188 A4.000	1242	2007. 08 ~	VKMA 02203	
PUNTO (188) - 1.2 Natural Power	188 A4.000	1242	2009. 03 ~	VKMA 02203	



# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FIAT	PUNTO (188) - 1.8 130 HGT (188.738, .718)	183 A1.000	1747	1999. 09 ~	VKMA 02183
	PUNTO (188) - 1.8 130 HGT (188.738, .718)	188 A6.000	1747	1999. 09 ~	VKMA 02184
	PUNTO Convertible (176C) - 60 1.2	176 A7.000	1242	1994. 04 ~ 2000. 06	VKMA 02201
	PUNTO Convertible (176C) - 60 1.2	176 B1.000 / 176 B4.000	1242	1995. 05 ~ 2000. 06	VKMA 02201
	PUNTO Convertible (176C) - 90 1.6	176 A9.000	1581	1994. 04 ~ 1997. 04	VKMA 02410
	PUNTO Van (176L) - 1.1	176 B2.000	1108	1996. 04 ~ 2000. 02	VKMA 02202
	PUNTO Van (188AX) - 1.2 60	188 A4.000	1242	2000. 02 ~ 2009. 10	VKMA 02203
	REGATA (138) - 70 1.3 (MOT:5771823) Auto	149 A3.000 / 149 A7.000	1301	1986. 01 ~ 1989. 07	VKMA 02111
	REGATA (138) - 70 1.3 (MOT:5771823) Auto	138 B2.000	1301	1986. 01 ~ 1986. 07	VKMA 02101
	REGATA (138) - 70 1.3 (MOT:5771823) Manual	149 A3.000 / 149 A7.000	1301	1986. 01 ~ 1989. 07	VKMA 02101
	REGATA (138) - 70 1.3 (MOT:5771823) Manual	138 B2.000	1301	1986. 01 ~ 1986. 07	VKMA 02101
	REGATA (138) - 75 1.5 (MOT:5771823)	138 B3.000	1498	1986. 01 ~ 1987. 12	VKMA 02111
	REGATA (138) - 75 i.e. 1.5 (MOT:5771823)	149 C1.000	1498	1986. 01 ~ 1989. 07	VKMA 02111
	REGATA (138) - 85 1.5 (MOT:5771823)	149 A5.000	1498	1986. 01 ~ 1987. 12	VKMA 02111
	REGATA (138) - 85 1.6 (MOT:7409425)	149 A.000	1585	1983. 10 ~ 1990. 06	
	REGATA Weekend - 100 i.e. 1.6	149 A2.000 / 149 A4.000	1585	1987. 01 ~ 1990. 12	VKMA 02005
	REGATA Weekend - 70 1.3 (MOT:5771823) Auto	138 B2.000	1301	1986. 01 ~ 1989. 07	VKMA 02111
	REGATA Weekend - 70 1.3 (MOT:5771823) Manual	138 B2.000	1301	1986. 01 ~ 1989. 07	VKMA 02101
	REGATA Weekend - 75 1.5 (MOT:5771823)	138 B3.000	1498	1986. 01 ~ 1989. 07	VKMA 02111
	REGATA Weekend - 85 1.5 (MOT:5771823)	138 B3.000	1498	1986. 01 ~ 1989. 04	VKMA 02111
	RITMO Convertible - 100 1.6	138 AR.048	1585	1986. 12 ~ 1987. 12	VKMA 02005
	RITMO Convertible - 85 1.5 (MOT:5771823) Auto	138 B3.000	1498	1986. 01 ~ 1986. 12	VKMA 02111
	RITMO Convertible - 85 1.5 (MOT:5771823) Auto	138 A4.000	1498	1986. 01 ~ 1989. 07	VKMA 02111
	RITMO Convertible - 85 1.5 (MOT:5771823) Manual	138 A4.000	1498	1980. 01 ~ 1989. 07	
	RITMO Convertible - 85 1.5 (MOT:5771823) Manual	138 B3.000	1498	1986. 01 ~ 1986. 12	
	RITMO I (138A) - 75 i.e. 1.5 (MOT:5771823) Auto	138 C2.048 / 149 C1.000	1498	1986. 01 ~ 1987. 05	VKMA 02111
	RITMO I (138A) - 75 i.e. 1.5 (MOT:5771823) Manual	138 C2.048 / 149 C1.000	1498	1986. 01 ~ 1987. 05	
	RITMO I (138A) - 90 i.e. 1.6	149 C2.000	1595	1986. 12 ~ 1987. 12	VKMA 02005
	RITMO II (138A) - 105 1.6	138 AR.000	1585	1986. 12 ~ 1987. 12	VKMA 02005
	RITMO II (138A) - 60 1.1 (MOT:5771823)	146 A4.048	1116	1985. 04 ~ 1987. 12	VKMA 02101
	RITMO II (138A) - 75 1.5 (MOT:5771823) Auto	138 C2.048 / 149 C1.000	1498	1986. 01 ~ 1988. 12	VKMA 02111
	RITMO II (138A) - 75 1.5 (MOT:5771823) Manual	138 C2.048 / 149 C1.000	1498	1986. 01 ~ 1988. 12	
	RITMO II (138A) - 75 1.5 CAT (MOT:5771823) Auto	138 C2.048 / 149 C1.000	1498	1986. 01 ~ 1988. 12	VKMA 02111
RITMO II (138A) - 75 1.5 CAT (MOT:5771823) Manual	138 C2.048 / 149 C1.000	1498	1986. 01 ~ 1988. 12		
RITMO II (138A) - 85 1.5 (MOT:5771823) Auto	149 A5.000	1498	1986. 01 ~ 1987. 05	VKMA 02111	
RITMO II (138A) - 85 1.5 (MOT:5771823) Auto	138 B3.000	1498	1986. 01 ~ 1987. 12	VKMA 02111	
RITMO II (138A) - 85 1.5 (MOT:5771823) Manual	149 A5.000	1498	1986. 01 ~ 1987. 05		





# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FIAT	RITMO II (138A) - 85 1.5 (MOT:5771823) Manual	138 B3.000	1498	1986. 01 ~ 1987. 12	
	RITMO II (138A) - 90 1.6 i.e.	138 AR.000	1585	1986. 12 ~ 1987. 12	VKMA 02005
	SCUDO Box (220L) - 1.6	220 A 2.000	1581	1996. 02 ~ 2006. 12	VKMA 02410
	SCUDO Box (220L) - 1.9 D	WJY (DW8B) / WJZ (DW8)	1868	1998. 04 ~ 2006. 12	VKMA 03244
	SCUDO Box (220L) - 2.0 JTD PL SCUDO,VET:0008562	RHX	1997	2000. 04 ~ 2003. 11	VKMA 02023
	SCUDO Box (220L) - 2.0 JTD PL SCUDO,VET:0008562	RHZ	1997	2002. 12 ~ 2003. 11	VKMA 02023
	SCUDO Combinato (220P) - 1.6	220 A 2.000	1581	1996. 02 ~ 2006. 12	VKMA 02410
	SCUDO Combinato (220P) - 1.9 D	WJY (DW8B) / WJZ (DW8)	1868	1998. 04 ~ 2006. 12	VKMA 03244
	SCUDO Combinato (220P) - 2.0 JTD VET:0008562	RHZ	1997	2000. 04 ~ 2003. 11	VKMA 02023
	SEICENTO (187) - 1.1 (187AXB, 187AXB1A)	176 B2.000 / 187 A1.000	1108	1998. 01 ~ 2010. 01	VKMA 02202
	SEICENTO Van (187) - 1.1 (187CXB/C)	176 B2.000	1108	1998. 01 ~ 2010. 01	VKMA 02202
	STILO (192) - 1.8 16V (192_XC1A)	192 A4.000	1747	2001. 10 ~ 2006. 11	VKMA 02184
	STILO (192) - 1.9 JTD (192_XF1A)	192 A3.000	1910	2002. 02 ~ 2003. 05	VKMA 02176
	STILO (192) - 2.4 20V (192_XD1A)	192 A2.000	2446	2001. 10 ~ 2006. 11	VKMA 02178
	STILO Multi Wagon (192) - 1.8 16V	192 A4.000	1747	2003. 01 ~ 2008. 08	VKMA 02184
	STRADA (178E) - 1.2	178 B5.000	1242	1999. 06 ~ 2003. 12	VKMA 02201
	STRADA (178E) - 1.2	188 A4.000	1242	2003. 04 ~	VKMA 02201
	TEMPRA (159) - 1.4 i.e. (159.AC, 159.AX)	160 A1.046 / 836 A4.000	1372	1992. 03 ~ 1996. 08	VKMA 02410
	TEMPRA (159) - 1.6	159 A3.000	1581	1990. 03 ~ 1993. 04	VKMA 02410
	TEMPRA (159) - 1.6 i.e. (159.AE)	159 A3.046	1581	1990. 06 ~ 1992. 07	VKMA 02410
	TEMPRA (159) - 1.8 i.e. (159.AN)	159 A4.000	1756	1990. 03 ~ 1996. 08	VKMA 02227
	TEMPRA (159) - 1.8 i.e. (159.AN)	159 A4.046	1756	1992. 03 ~ 1996. 08	VKMA 02227
	TEMPRA (159) - 1.8 i.e. (159.AN)	159 A4.000	1756	1990. 03 ~ 1996. 08	
	TEMPRA (159) - 1.8 i.e. (159.AV)	835 C2.000	1756	1993. 09 ~ 1996. 08	VKMA 02227
	TEMPRA (159) - 1.8 i.e. (159.AZ)	835 C4.000	1756	1993. 09 ~ 1996. 08	VKMA 02227
	TEMPRA (159) - 1.8 i.e. (159.BY)	836 A5.000	1756	1994. 10 ~ 1996. 08	VKMA 02227
	TEMPRA (159) - 2.0 i.e. (159.AP)	159 A6.046	1995	1990. 10 ~ 1996. 08	VKMA 02227
	TEMPRA S.W. (159) - 1.8 i.e. (159.AN)	159 A4.000	1756	1990. 03 ~ 1996. 08	
	TEMPRA S.W. (159) - 1.8 i.e. (159.AN) (TQ:142)	159 A4.046	1756	1992. 03 ~ 1993. 12	VKMA 02227
	TEMPRA S.W. (159) - 1.8 i.e. (159.AN) (TQ:142)	159 A4.000	1756	1990. 03 ~ 1996. 08	VKMA 02227
	TEMPRA S.W. (159) - 1.8 i.e. (159.AV) (TQ:142)	835 C2.000	1756	1993. 09 ~ 1996. 08	VKMA 02227
	TEMPRA S.W. (159) - 1.8 i.e. (159.AZ) (TQ:142)	835 C4.000	1756	1993. 09 ~ 1996. 08	VKMA 02227
TEMPRA S.W. (159) - 1.8 i.e. (159.BY) (TQ:142)	836 A5.000	1756	1994. 10 ~ 1996. 08	VKMA 02227	
TEMPRA S.W. (159) - 2.0 i.e.	159 A6.046	1995	1991. 01 ~ 1995. 03	VKMA 02227	
TEMPRA S.W. (159) - 2.0 i.e. 4x4	159 A6.046	1995	1992. 03 ~ 1995. 03	VKMA 02227	
TIPO (160) - 1.1 (160.AA)	160 A3.000	1108	1988. 01 ~ 1991. 10	VKMA 02200	
TIPO (160) - 1.4 (160.AC)	160 A1.000 / 160 A1.048	1372	1987. 07 ~ 1989. 12	VKMA 02410	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
5997325	GT70450												
5956109	GT70430												
5972277	GT80290												
0829.59	GT60070							0830.28	GT60080				
9400829599	GT60070							9400830289	GT60080				
9400829599	GT60070							9400830289	GT60080				
5972277	GT80290												
0829.59	GT60070							0830.28	GT60080				
9400829599	GT60070							9400830289	GT60080				
5972277	GT80290												
		55192240						60652129	GT50500				
		60652477											
		55183527						60813590	GT60550				
		55191315											
		55192773						60813590	GT60550				
		7772961											
		55192240						60652129	GT50500				
		60652477											
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
7541718	GT70440												
7541718	GT70440												
5956109	GT70430												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
5956109	GT70430												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
5972277	GT80290												
5972277	GT80290												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FIAT	TIPO (160) - 1.4 i.e.	159 A2.000	1372	1989. 05 ~ 1995. 04	VKMA 02410
	TIPO (160) - 1.6 (160.AE)	160 A2.000	1581	1988. 01 ~ 1991. 10	VKMA 02410
	TIPO (160) - 1.6 i.e. (160.A1, 160.EC, 160.EB)	159 A3.048 / 835 C1.000	1581	1992. 21 ~ 1995. 04	VKMA 02410
	TIPO (160) - 1.6 i.e. (160.AF)	159 A3.046	1581	1990. 07 ~ 1993. 01	VKMA 02410
	TIPO (160) - 1.8 i.e.	836 A5.000	1756	1993. 03 ~ 1995. 04	VKMA 02227
	TIPO (160) - 1.8 i.e.	835 C4.000	1756	1993. 09 ~ 1995. 04	VKMA 02227
	TIPO (160) - 1.8 i.e.	159 A4.046 / 835 A6.000 / 835 C2.000 / 835 C4.000	1756	1990. 10 ~ 1993. 06	VKMA 02227
	TIPO (160) - 1.8 i.e.	159 A4.000	1756	1990. 10 ~ 1993. 06	
	TIPO (160) - 1.8 i.e. (160.AM)	159 A4.000	1756	1994. 10 ~ 1995. 04	
	TIPO (160) - 1.8 i.e. (160.AY)	159 A4.046	1756	1990. 10 ~ 1993. 06	VKMA 02227
	TIPO (160) - 1.8 i.e. (160.ED)	835 C2.000	1756	1993. 04 ~ 1995. 04	VKMA 02227
	TIPO (160) - 1.8 i.e. 16V Sport (MOT:1066635)	160 A5.000	1756	1989. 11 ~ 1992. 06	
	TIPO (160) - 1.8 i.e. 16V Sport (MOT:1066636)	160 A5.000	1756	1989. 11 ~ 1992. 06	
	TIPO (160) - 2.0 16V (160.AV)	160 A8.046	1995	1991. 07 ~ 1995. 04	VKMA 02224
	TIPO (160) - 2.0 i.e. (160.AJ)	159 A5.046	1995	1990. 06 ~ 1992. 03	VKMA 02227
	TIPO (160) - 2.0 i.e. (160.AT, 160.AJ)	159 A6.046	1995	1990. 03 ~ 1995. 04	VKMA 02227
	TIPO (160) - 2.0 i.e. 16V Sport (160.EF)	836 A3.000	1995	1993. 03 ~ 1995. 04	VKMA 02224
	ULYSSE (220) - 1.8 (220.BB5)	LFW	1761	1997. 05 ~ 2002. 08	VKMA 03201
	ULYSSE (220) - 2.0 (220.AC5)	RFU	1998	1994. 06 ~ 2002. 08	VKMA 03201
	ULYSSE (220) - 2.0 16V	RFV	1998	1998. 05 ~ 2000. 09	VKMA 03213
	ULYSSE (220) - 2.0 Turbo (220.AD5)	RGX	1998	1994. 06 ~ 2002. 08	VKMA 03201
	ULYSSE (220) - 2.1 TD	P8C	2088	1996. 03 ~ 1999. 10	VKMA 03251
	UNO (146A/E) - 1.3 Turbo i.e.	146 A2.246	1301	1989. 09 ~ 1991. 03	VKMA 02111
	UNO (146A/E) - 1.4 Turbo	146 A8.000	1372	1988. 10 ~ 2000. 08	VKMA 02410
	UNO (146A/E) - 1.4 Turbo i.e.	146 A8.046	1372	1989. 09 ~ 1993. 09	VKMA 02410
	UNO (146A/E) - 1.4 Turbo i.e.	146 A8.000	1372	1989. 12 ~ 1996. 12	VKMA 02410
	UNO (146A/E) - 45 i.e. 1.0	156 A2.246	999	1984. 04 ~ 1995. 10	VKMA 02200
	UNO (146A/E) - 50 1.1	156 C.046	1108	1990. 01 ~ 1993. 12	VKMA 02200
	UNO (146A/E) - 50 i.e. 1.1	146 C3.000	1116	1992. 06 ~ 1993. 12	VKMA 02200
	UNO (146A/E) - 55 1.0	146 A2.166 / 146 D8.000 / 156 A2.246	996	1993. 11 ~ 2000. 08	VKMA 02200
	UNO (146A/E) - 55 1.1 (MOT:5782518)	138 B.000	1116	1983. 01 ~ 1988. 12	VKMA 02101
	UNO (146A/E) - 60 1.1	160 A3.000	1108	1989. 04 ~ 1992. 12	VKMA 02200
	UNO (146A/E) - 60 1.1 (146A.EG) (MOT:5782518)	146 A4.048	1116	1985. 05 ~ 1988. 12	VKMA 02101
UNO (146A/E) - 70 1.3 (MOT:5783768)	149 A7.000	1302	1985. 05 ~ 1988. 12	VKMA 02101	
UNO (146A/E) - 70 1.3 (MOT:5783768)	138 B2.000	1302	1983. 01 ~ 1985. 04	VKMA 02101	
UNO (146A/E) - 70 i.e. 1.4	160 A1.046	1372	1989. 09 ~ 1993. 12	VKMA 02410	
UNO (146A/E) - 70 i.e. 1.4	146 C1.000	1372	1989. 09 ~ 1993. 12	VKMA 02410	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
5956109	GT70430												
7541718	GT70440												
7541718	GT70440												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
7541718	GT70440												
7541718	GT70440												
5997325	GT70450												
0829.19	GT80260												
0829.19	GT80260												
9622574480	GT50510								9400830379				
0829.19	GT80260												
9400818199	GT60320								9400830379				
5997325	GT70450												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5997325	GT70450												
5972277	GT80290												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
5972277	GT80290												
5972277	GT80290												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
FIAT	UNO (146A/E) - 70 S 1.4	160 A1.048	1372	1989. 09 ~ 1992. 10	VKMA 02410
	ANDA (169) - 1.1	187 A1.000	1108	2003. 09 ~	
	BRAVA (182) - 1.6 16V (182.BB) AC	182 A4.000	1581	1996. 02 ~ 2000. 02	
	BRAVA (182) - 1.6 16V (182.BB) ALT	182 A4.000	1581	1996. 02 ~ 2000. 02	
	BRAVA (182) - 1.6 16V (182.BU) AC	182 B6.000	1596	1996. 02 ~ 2000. 02	
	BRAVA (182) - 1.6 16V (182.BU) ALT	182 B6.000	1596	1999. 01 ~ 2000. 02	
	BRAVO I (182) - 1.6 16V (182.AB) AC	182 A4.000	1581	1996. 03 ~ 2000. 02	
	BRAVO I (182) - 1.6 16V (182.AB) ALT	182 A4.000	1581	1996. 03 ~ 2000. 02	
	BRAVO I (182) - 1.6 16V (182.AH) AC	182 A6.000	1581	1995. 10 ~ 2000. 02	
	BRAVO I (182) - 1.6 16V (182.AH) ALT	182 A6.000	1581	1995. 10 ~ 2000. 02	
	BRAVO I (182) - 2.0 HGT 20V (182.AD)	182 A1.000	1998	1995. 10 ~ 1998. 07	
	BRAVO I (182) - 2.0 HGT 20V (182.AQ)	182 B7.000	1998	1998. 07 ~ 2001. 10	
	BRAVO II (198) - 1.4	192 B2.000	1368	2007. 04 ~	
	BRAVO II (198) - 1.4 LPG	192 B2.000	1368	2009. 11 ~	
	BRAVO II (198) - 1.4 T-Jet	198 A4.000	1368	2007. 09 ~	
	COUPE (FA/175) - 2.0 20V	182 A1.000	1998	1996. 08 ~ 1998. 04	
	COUPE (FA/175) - 2.0 20V	182 B3.000	1998	1998. 04 ~ 2000. 08	
	COUPE (FA/175) - 2.0 20V Turbo	175 A3.000	1998	1996. 08 ~ 2000. 08	
	DEA - 1.2 16V	188 A5.000	1242	2004. 01 ~	
	IDEA - 1.4	192 B2.000	1368	2003. 12 ~	
	LINEA (323) - 1.4	350 A1.000	1368	2007. 06 ~	
	LINEA (323) - 1.4 T-Jet	198 A4.000	1368	2007. 09 ~	
	PALIO Weekend (178DX) - 1.2 AC	188 A5.000	1242	2001. 09 ~	
	PANDA (169) - 1.2	169 A4.000	1242	2010. 03 ~	
	PANDA (169) - 1.4	169 A3.000	1368	2006. 10 ~	
	STRADA (178E) - 1.2 AC	188 A4.000	1242	2003. 04 ~	
	SCUDO Combinato (220P) - 1.9 D	DW8 / DW8B	1868	1998. 04 ~ 2006. 12	
	SCUDO Box (220L) - 1.9 D	DW8 / DW8B	1868	1998. 04 ~ 2006. 12	
	DUCATO Bus (230) - 2.0 JTD	DW10	1997	2001. 10 ~ 2002. 04	
	DUCATO Box (230L) - 2.0 JTD	DW10	1997	2001. 10 ~ 2002. 04	
	DUCATO Bus (244, Z_) - 2.0 JTD	DW10	1997	2002. 04 ~	
	DUCATO Box (244) - 2.0 JTD	DW10	1997	2002. 04 ~	
	DUCATO Platform/Chassis (244) - 2.0 JTD	DW10	1997	2002. 04 ~ 2006. 07	
BRAVA (182) - 1.9 TD 75 S (182.BF) MOT:1865933	182 A8.000	1910	1996. 03 ~ 2001. 10		
BRAVA (182) - 1.9 JTD	182 B9.000	1910	2000. 09 ~ 2001. 10		
BRAVA (182) - 1.9 JTD 105	182 B4.000	1910	1998. 12 ~ 2001. 10		
BRAVA (182) - 1.9 JTD	182 B4.000	1910	2001. 01 ~ 2002. 12		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
5972277	GT80290												
46.548.452	GT70780	46.548.452	GT70780										
								46424716	GT70740				
								46424716	GT70740				
								46424716	GT70740				
								46424716	GT70740				
								46424716	GT70740				
								46424716	GT70740				
								46424716	GT70740				
								46424716	GT70740				
46441096	GT70820							46547564					
46441096	GT70820							46547564					
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780										
46441096	GT70820							46547564					
46441096	GT70820							46547564					
46441096	GT70820							46547564					
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780					46756937	GT70480				
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780										
46.548.452	GT70780	46.548.452	GT70780					46756937	GT70480				
9636782780	GTA0010												
9636782780	GTA0010												
9636782780	GTA0010												
9636782780	GTA0010												
9636782780	GTA0010												
9636782780	GTA0010												
9636782780	GTA0010												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
FIAT	BRAVO I (182) - 1.9 TD 75 S (182.AF) MOT:1865933	182 A8.000	1910	1996. 03 ~ 2001. 10	
	DOBLO (119) - 1.9 D (223AXB1A)	223 A6.000	1910	2001. 03 ~	
	DOBLO (119) - 1.9 JTD (223AXE1A)	182 B9.000 / 223 B2.000	1910	2001. 10 ~	
	DOBLO (119) - 1.9 JTD	223 A7.000 / 223 B1.000	1910	2003. 07 ~	
	DOBLO (119) - 1.9 D Multijet	186 A9.000	1910	2005. 10 ~	
	DOBLO Cargo (223) - 1.9 D (223ZXB1A)	223 A6.000	1910	2001. 03 ~	
	DOBLO Cargo (223) - 1.9 JTD (223ZXE1A)	182 B9.000	1910	2001. 10 ~	
	DOBLO Cargo (223) - 1.9 JTD	223 A7.000 / 223 B1.000	1910	2003. 07 ~	
	DOBLO Cargo (223) - 1.9 JTD Multijet	186 A9.000	1910	2006. 12 ~	
	IDEA - 1.8		1796	2008. 01 ~ 2010. 07	
	IDEA - 1.9 JTD	188 B2.000	1910	2004. 01 ~	
	MAREA (185) - 1.9 TD 75 MOT:1865933	182 A8.000	1910	1996. 09 ~ 2002. 05	
	MAREA (185) - 1.9 JTD 105	182 B4.000	1910	1999. 04 ~ 2001. 01	
	MAREA (185) - 1.9 JTD		1910	2001. 01 ~ 2007. 12	
	MAREA (185) - 1.9 JTD 110	186 A6.000	1910	2001. 01 ~ 2002. 05	
	MULTIPLA (186) - 1.9 JTD 105 (186AXB1A)	182 B4.000	1910	1999. 04 ~ 2010. 06	
	PUNTO (188) - 1.9 JTD	188 A7.000	1910	2001. 10 ~	
	PUNTO Van (188AX) - 1.9 D 60	188 A3.000	1910	2000. 02 ~ 2009. 10	
	STILO (192) - 1.9 JTD (192_XF1A)	192 A3.000	1910	2002. 02 ~ 2006. 11	
	STRADA (178E) - 1.9 D	223 A6.000	1910	2000. 12 ~	
	BRAVA (182) - 1.6 16V (182.BH)	182 A6.000	1581	1995. 10 ~ 2001. 10	
	BRAVA (182) - 1.6 16V (182.BB)	182 A4.000	1581	1996. 02 ~ 2001. 10	
	BRAVA (182) - 1.6 16V (182.BU)	182 B6.000	1596	1999. 01 ~ 2002. 12	
	DOBLO (119) - 1.6	182 B6.000	1596	2002. 09 ~	
	DOBLO (119) - 1.6 16V (223AXD1A)	182 B6.000	1596	2001. 10 ~	
	DOBLO Cargo (223) - 1.6 16V (223ZXD1A)	182 B6.000	1596	2001. 10 ~	
	MAREA (185) - 1.6 SX	182 B5.098	1581	2000. 09 ~ 2002. 08	
	MAREA (185) - 1.6 100 16V Bipower	185 A3.000 / 186 A4.000	1581	1999. 04 ~ 2002. 05	
	BRAVA (182) - 1.9 TD 75 S (182.BF)	182 A8.000	1910	1996. 03 ~ 2001. 10	
	BRAVA (182) - 1.9 TD 100 S (182.BF)	182 A7.000	1910	1996. 03 ~ 2001. 10	
	BRAVA (182) - 1.9 JTD	182 B9.000	1910	2000. 09 ~ 2001. 10	
	BRAVA (182) - 1.9 JTD 105	182 B4.000	1910	1998. 12 ~ 2001. 10	
	BRAVO I (182) - 1.9 TD 75 S (182.AF)	182 A8.000	1910	1996. 03 ~ 2001. 10	
DUCATO Box (244) - 2.3 JTD	F1AE0481C	2286	2002. 04 ~		
DUCATO Platform/Chassis (244) - 2.3 JTD	F1AE0481C	2286	2002. 04 ~ 2006. 07		
DUCATO Box (250) - 110 Multijet 2,3 D	F1AE3481G	2287	2011. 10 ~		
131 - 2.0 D	8144.65	1995	1978. 07 ~ 1984. 08		





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
46546374	GTA0030												
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46537101	GTA0290				
								46454419	GTA0380				
								46454419	GTA0380				
								46454419	GTA0380				
								46454419	GTA0380				
								46454419	GTA0380				
								46454419	GTA0380				
								504000412	GTA0890				
								504000412	GTA0890				
								504000412	GTA0890				
								99432547	GT60520				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FIAT	131 - 2.5 D	8144.61	2445	1978. 06 ~ 1984. 02	VKMA 02381
	131 Familiare/Panorama - 2.0 D	8144.65	1995	1978. 07 ~ 1984. 08	
	131 Familiare/Panorama - 2.5 Super Diesel (AF)	8144.61	2445	1979. 03 ~ 1984. 12	VKMA 02381
	132 - 2.0 D	8144.65	1995	1978. 07 ~ 1982. 07	
	132 - 2.5 D	8144.61	2445	1978. 07 ~ 1982. 07	VKMA 02381
	ARGENTA (132A) - 2500 Diesel	8144.61	2445	1981. 06 ~ 1985. 11	VKMA 02381
	ARGENTA (132A) - 2500 Turbodiesel	8144.61 / 500.81	2445	1983. 07 ~ 1985. 08	VKMA 02381
	BRAVA (182) - 1.6 16V (182.BH)	182 A6.000	1581	1995. 10 ~ 1999. 07	VKMA 02242
	BRAVO I (182) - 1.6	182 B6.000	1596	2000. 09 ~ 2002. 02	VKMA 02242
	CAMPAGNOLA - 2.4 D	8144.61.200	2445	1974. 06 ~ 1989. 10	VKMA 02381
	DOBLO (119) - 1.6 16V (223AXD1A)	182 B6.000	1596	2001. 10 ~	VKMA 02242
	DUCATO Box (230L) - 2.5 D	8140.67	2500	1994. 03 ~ 2002. 04	VKMA 02383
	DUCATO Box (230L) - 2.8 JTD	8140.43S	2798	2000. 11 ~ 2002. 04	VKMA 02383
	DUCATO Box (230L) - 2.8 JTD 4x4	8140.43S	2798	2000. 11 ~ 2002. 04	VKMA 02383
	DUCATO Box (244) - 2.8 JTD 4x4	8140.43S	2798	2002. 07 ~	VKMA 02383
	DUCATO Box (244) - 2.8 JTD Power	8140.43N	2800	2004. 05 ~	VKMA 02383
	DUCATO Box (280) - 2.5 D	8144.67	2500	1982. 01 ~ 1990. 07	VKMA 02381
	DUCATO Box (280) - 2.5 D 4x4	8144.67	2500	1989. 03 ~ 1990. 07	VKMA 02381
	DUCATO Box (290) - 2.5 D 4x4	8144.67	2500	1990. 08 ~ 1994. 03	VKMA 02383
	DUCATO Bus (230) - 2.5 D Combinato	8140.67	2500	1994. 08 ~ 2002. 04	VKMA 02383
	DUCATO Bus (230) - 2.8 JTD	8140.43S	2798	2000. 11 ~ 2002. 04	VKMA 02383
	DUCATO Bus (230) - 2.8 JTD 4x4	8140.43S	2798	2000. 11 ~ 2002. 04	VKMA 02383
	DUCATO Bus (244, Z_) - 2.8 JTD	8140.43S	2798	2002. 04 ~	VKMA 02383
	DUCATO Panorama (280) - 2.5 D	8144.67	2500	1986. 01 ~ 1990. 07	VKMA 02381
	DUCATO Panorama (280) - 2.5 D 4x4	8144.67	2500	1987. 01 ~ 1990. 07	VKMA 02381
	DUCATO Panorama (290) - 2.5 D	8144.67	2500	1990. 08 ~ 1994. 03	VKMA 02383
	DUCATO Panorama (290) - 2.5 D 4x4	8144.67	2500	1990. 08 ~ 1994. 03	VKMA 02383
	DUCATO Platform/Chassis (230) - 2.5 D	8140.67	2500	1994. 03 ~ 2002. 04	VKMA 02383
	DUCATO Platform/Chassis (230) - 2.5 D 4x4	8140.67	2500	1994. 03 ~ 2002. 04	VKMA 02383
	DUCATO Platform/Chassis (230) - 2.8 JTD	8140.43S	2798	2000. 11 ~ 2002. 04	VKMA 02383
	DUCATO Platform/Chassis (244) - 2.8 JTD	8140.43S	2798	2002. 04 ~ 2006. 07	VKMA 02383
	DUCATO Platform/Chassis (244) - 2.8 JTD 4x4	8140.43S	2798	2002. 02 ~ 2006. 07	VKMA 02383
	DUCATO Platform/Chassis (244) - 2.8 JTD Power	8140.43N	2800	2004. 05 ~ 2006. 07	VKMA 02383
	DUCATO Platform/Chassis (280) - 2.5 D	8144.67	2500	1982. 07 ~ 1990. 07	VKMA 02381
DUCATO Platform/Chassis (280) - 2.5 D 4x4	8144.67	2500	1989. 03 ~ 1990. 07	VKMA 02381	
DUCATO Platform/Chassis (290) - 2.5 D	8144.67	2500	1990. 08 ~ 1994. 03	VKMA 02383	
DUCATO Platform/Chassis (290) - 2.5 D 4x4	8144.67	2500	1990. 08 ~ 1994. 03	VKMA 02383	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520				
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520				
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
		16108921	46416489					46400054	GT60540				
		16108921	46416489					46400054	GT60540				
								99432547	GT60520	4740847	GT60530		
		16108921	46416489					46400054	GT60540				
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FIAT	MAREA (185) - 1.6	182 B6.000	1596	2000. 09 ~ 2002. 08	VKMA 02242
	MAREA (185) - 1.6 100 16V	182 A4.000	1581	1996. 09 ~ 2002. 05	VKMA 02242
	MAREA (185) - 1.6 16V	185 A3.000	1581	1997. 04 ~ 1999. 02	VKMA 02242
	MULTIPLA (186) - 1.6 16V Bipower (186AMB1A)	186 A4.000	1581	1990. 04 ~ 2010. 06	VKMA 02242
	MULTIPLA (186) - 1.6 16V Blupower (186AMA1A)	186 A3.000	1581	1990. 04 ~ 2010. 06	VKMA 02242
	PALIO (178BX) - 1.6 16V	178 B3.000	1581	1996. 04 ~	VKMA 02242
	PALIO Weekend (178DX) - 1.6 16V (178DX.D1A)	178 B3.000	1581	1996. 04 ~ 2001. 02	VKMA 02242
	STILO (192) - 1.6 16V (192_XB1A)	182 B6.000	1596	2001. 10 ~ 2006. 11	VKMA 02242
	131 - 2.0 D	8144.65	1995	1978. 07 ~ 1984. 08	
	131 - 2.5 D	8144.61	2445	1978. 06 ~ 1984. 02	VKMA 02381
	ARGENTA (132A) - 2500 Diesel	8144.61	2445	1981. 06 ~ 1985. 11	VKMA 02381
	ARGENTA (132A) - 2500 Turbodiesel	8144.61.500.81	2445	1983. 07 ~ 1985. 08	VKMA 02381
	CAMPAGNOLA - 2.4 D	8144.61.200	2445	1974. 06 ~ 1989. 10	VKMA 02381
FORD	C-MAX - 1.6 TDCi	Duratorq	1560	2007. 02 ~	VKMA 03259
	COURIER Pickup - 1.8 D	D18(RTK)	1753	1999. 06 ~ 2002. 02	VKMA 04107
	ESCORT '95 Box (AVL) - 1.8 D	D18	1753	1995. 11 ~ 1997. 01	VKMA 04106
	ESCORT '95 Box (AVL) - 1.8 TD	D18T	1753	1995. 01 ~ 1997. 01	VKMA 04106
	ESCORT '95 Box (AVL) - 1.8 Turbo D	D18T	1753	1995. 12 ~ 1997. 01	VKMA 04106
	ESCORT II (ATH) - 1.1	HL11 CVH	1098	1974. 12 ~ 1980. 08	VKMA 04200
	ESCORT II (ATH) - 1.3	HL13 CVH	1298	1974. 12 ~ 1980. 08	VKMA 04200
	ESCORT II Estate - 1.1	HL11 CVH	1098	1975. 04 ~ 1980. 08	VKMA 04200
	ESCORT II Estate - 1.3	HL13 CVH	1298	1975. 04 ~ 1980. 08	VKMA 04200
	ESCORT III (GAA) - 1.1	HL11 CVH	1117	1980. 09 ~ 1983. 08	VKMA 04200
	ESCORT III (GAA) - 1.3	HL13 CVH	1296	1980. 09 ~ 1985. 12	VKMA 04200
	ESCORT III (GAA) - 1.6	HL16 CVH	1597	1980. 09 ~ 1985. 12	
	ESCORT III Estate (AWA) - 1.1	HL11 CVH	1117	1980. 09 ~ 1983. 08	VKMA 04200
	ESCORT III Estate (AWA) - 1.3	HL13 CVH	1296	1981. 03 ~ 1985. 12	VKMA 04200
	ESCORT III Estate (AWA) - 1.6	HL16 CVH	1597	1980. 09 ~ 1985. 12	
	ESCORT IV (GAF, AWF, ABFT) - 1.1	HL11 CVH	1117	1985. 12 ~ 1987. 12	VKMA 04200
	ESCORT IV (GAF, AWF, ABFT) - 1.3	HL13 CVH	1297	1986. 01 ~ 1987. 12	VKMA 04200
	ESCORT IV (GAF, AWF, ABFT) - 1.8 D	D18	1753	1998. 01 ~ 1990. 07	VKMA 04103
	ESCORT IV (GAF, AWF, ABFT) - 1.8 D	D18(RTA / RTB)	1753	1989. 01 ~ 1990. 07	VKMA 04103
	ESCORT IV Estate (AWF, AVF) - 1.1	HL11 CVH	1117	1985. 10 ~ 1987. 12	VKMA 04200
	ESCORT IV Estate (AWF, AVF) - 1.3	HL11 CVH	1297	1986. 01 ~ 1987. 12	VKMA 04200
	ESCORT IV Estate (AWF, AVF) - 1.8 D	D18	1753	1998. 01 ~ 1990. 07	VKMA 04103
	ESCORT IV Estate (AWF, AVF) - 1.8 D	D18(RTA / RTB)	1753	1989. 01 ~ 1990. 07	VKMA 04103
ESCORT V (GAL) - 1.8 D	D18	1753	1990. 07 ~ 1992. 12	VKMA 04103	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
								99432547	GT60520				
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
		1145947	GTB0200					1145955	GT30500				
1021706				1005822	GT80210			1040677					
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6089286	GT80500												
6089286	GT80500												
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FORD	ESCORT V (GAL) - 1.8 D	D18(RTE / RTF / RTH)	1753	1990.07 ~ 1992.12	VKMA 04103
	ESCORT V Estate (GAL, AVL) - 1.8 D	D18	1753	1990.07 ~ 1992.12	VKMA 04103
	ESCORT V Estate (GAL, AVL) - 1.8 TD	D18T	1753	1991.05 ~ 1992.12	VKMA 04103
	ESCORT VI (GAL) - 1.8 D	D18	1753	1992.09 ~ 1995.01	VKMA 04103
	ESCORT VI (GAL) - 1.8 D	D18(RTE / RTF / RTH)	1753	1992.09 ~ 1995.01	VKMA 04103
	ESCORT VI (GAL) - 1.8 TD	D18T	1753	1993.02 ~ 1995.01	VKMA 04103
	ESCORT VI (GAL) - 1.8 TD	D18T(RFD / RFK / RFS)	1753	1993.02 ~ 1995.01	VKMA 04103
	ESCORT VI Estate (GAL) - 1.8 D	D18	1753	1992.09 ~ 1995.01	VKMA 04103
	ESCORT VI Estate (GAL) - 1.8 TD	D18T	1753	1993.02 ~ 1995.01	VKMA 04103
	ESCORT VI Saloon (GAL) - 1.8 D	D18	1753	1993.08 ~ 1995.01	VKMA 04103
	ESCORT VI Saloon (GAL) - 1.8 TD	D18TI	1753	1993.08 ~ 1995.01	VKMA 04103
	ESCORT VII (GAL, AAL, ABL) - 1.8 D	D18	1753	1995.01 ~ 1996.12	VKMA 04103
	ESCORT VII (GAL, AAL, ABL) - 1.8 D	D18	1753	1995.11 ~ 1996.12	VKMA 04106
	ESCORT VII (GAL, AAL, ABL) - 1.8 TD	D18TI	1753	1995.01 ~ 1998.10	VKMA 04103
	ESCORT VII (GAL, AAL, ABL) - 1.8 TD	D18TI	1753	1995.11 ~ 1997.01	VKMA 04106
	ESCORT VII (GAL, AAL, ABL) - 1.8 Turbo D	D18TI	1753	1995.12 ~ 1997.01	VKMA 04106
	ESCORT VII Convertible (ALL) - 1.8 TD	D18TI	1753	1995.11 ~ 1997.01	VKMA 04106
	ESCORT VII Convertible (ALL) - 1.8 Turbo D	D18TI	1753	1996.10 ~ 1997.01	VKMA 04106
	ESCORT VII Estate (GAL, ANL) - 1.8 D	D18	1753	1995.01 ~ 1999.02	VKMA 04103
	ESCORT VII Estate (GAL, ANL) - 1.8 D	D18	1753	1995.11 ~ 1997.01	VKMA 04106
	ESCORT VII Estate (GAL, ANL) - 1.8 D	D18(RTE / RTF / RTH)	1753	1995.01 ~ 1995.10	VKMA 04103
	ESCORT VII Estate (GAL, ANL) - 1.8 TD	D18TI	1753	1995.01 ~ 1999.02	VKMA 04103
	ESCORT VII Estate (GAL, ANL) - 1.8 TD	D18TI	1753	1995.11 ~ 1997.01	VKMA 04106
	ESCORT VII Estate (GAL, ANL) - 1.8 TD	D18TI(RFD / RFK)	1753	1995.01 ~ 1995.10	VKMA 04103
	ESCORT VII Estate (GAL, ANL) - 1.8 Turbo D	D18TI	1753	1995.12 ~ 1997.01	VKMA 04106
	ESCORT VII Saloon (GAL, AFL) - 1.8 D	D18	1753	1995.01 ~ 1996.12	VKMA 04103
	ESCORT VII Saloon (GAL, AFL) - 1.8 D	D18	1753	1995.11 ~ 1996.12	VKMA 04106
	ESCORT VII Saloon (GAL, AFL) - 1.8 TD	D18TI	1753	1995.01 ~ 1999.02	VKMA 04103
	ESCORT VII Saloon (GAL, AFL) - 1.8 TD	D18TI	1753	1995.11 ~ 1997.01	VKMA 04106
	ESCORT VII Saloon (GAL, AFL) - 1.8 Turbo D	D18TI	1753	1995.12 ~ 1997.01	VKMA 04106
	FIESTA Box (F3L, F5L) - 1.8 D	D18	1753	1995.11 ~ 1996.02	VKMA 04106
	FIESTA Box (FVD) - 1.8 D (FVJ)	D18	1753	1995.11 ~ 1995.12	VKMA 04106
	FIESTA Box (J5_, J3_) - 1.8 D	D18	1753	1996.02 ~ 1997.01	VKMA 04106
FIESTA I (GFBT) - 1.1	HL11 CVH	1117	1976.05 ~ 1983.08	VKMA 04200	
FIESTA I (GFBT) - 1.3	HL11 CVH(J3E)	1297	1977.08 ~ 1983.08	VKMA 04200	
FIESTA I (GFBT) - 1.6 XR2	HL16 CVH(L3E)	1599	1981.08 ~ 1983.08		
FIESTA II (FBD) - 1.1 (FBD)	HL11 CVH(GLC / GSF)	1117	1987.09 ~ 1987.12	VKMA 04200	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FORD	FIESTA II (FBD) - 1.3 (FBD)	HL13 CVH(JPC)	1296	1983. 09 ~ 1986. 01	VKMA 04200
	FIESTA II (FBD) - 1.4	HL14 CVH(FUBA)	1392	1983. 09 ~ 1985. 12	
	FIESTA II (FBD) - 1.6	HL14 CVH	1597	1985. 01 ~ 1985. 12	
	FIESTA III (GFJ) - 1.8 D	D18	1753	1989. 03 ~ 1995. 12	VKMA 04103
	FIESTA III (GFJ) - 1.8 D	D18	1753	1995. 11 ~ 1995. 12	VKMA 04106
	FIESTA III (GFJ) - 1.8 D	D18(RTC / RTD / RTG)	1753	1989. 03 ~ 1995. 12	VKMA 04103
	FIESTA III (GFJ) - 1.8 TD	D18T	1753	1993. 03 ~ 1995. 12	VKMA 04103
	FIESTA III (GFJ) - 1.8 TD	D18T	1753	1995. 11 ~ 1995. 12	VKMA 04106
	FIESTA III (GFJ) - 1.8 TD	D18T(RFL)	1753	1993. 03 ~ 1995. 10	VKMA 04103
	FIESTA IV (JA_, JB_) - 1.8 D	D18	1753	1995. 08 ~ 2000. 04	VKMA 04103
	FIESTA IV (JA_, JB_) - 1.8 D	D18	1753	1995. 11 ~ 1997. 01	VKMA 04106
	FIESTA IV (JA_, JB_) - 1.8 D	D18(RTJ / RTK)	1753	1995. 08 ~ 1995. 10	VKMA 04103
	FIESTA V (JH_, JD_) - 1.4 TDCi	Duratorq	1399	2001. 11 ~	VKMA 03140
	FIESTA V (JH_, JD_) - 1.6 TDCi	Duratorq	1560	2004. 11 ~	VKMA 03259
	FIESTA Van - 1.4 TDCi	Duratorq	1399	2003. 10 ~	VKMA 03140
	FIESTA Van - 1.4 TDCi	Duratorq	1399	2009. 01 ~	VKMA 03140
	FIESTA Van - 1.6 TDCi	Duratorq	1560	2009. 01 ~	VKMA 03259
	FIESTA VI - 1.4 TDCi	Duratorq	1399	2009. 01 ~	VKMA 03140
	FIESTA VI - 1.6 TDCi	Duratorq	1560	2008. 10 ~	VKMA 03259
	FOCUS C-MAX - 1.6 TDCi	Duratorq	1560	2005. 02 ~ 2007. 03	VKMA 03259
	FOCUS C-MAX - 1.6 TDCi	Duratorq	1560	2003. 10 ~ 2007. 03	VKMA 03259
	FOCUS II (DA_) - 1.6 TDCi	Duratorq	1560	2005. 01 ~	VKMA 03259
	FOCUS II (DA_) - 1.6 TDCi	Duratorq	1560	2004. 11 ~	VKMA 03259
	FOCUS II Estate (DA_) - 1.6 TDCi	Duratorq	1560	2004. 11 ~	VKMA 03259
	FOCUS II Saloon (DA_) - 1.6 TDCi	Duratorq	1560	2005. 04 ~	VKMA 03259
	FUSION (JU_) - 1.4 TDCi	Duratorq	1399	2002. 08 ~	VKMA 03140
	FUSION (JU_) - 1.6 TDCi	Duratorq	1560	2004. 11 ~	VKMA 03259
	GALAXY (WGR) - 1.9 TDI	ANU / VW19NPD	1896	2002. 05 ~ 2006. 05	VKMA 01250
	GALAXY (WGR) - 1.9 TDI	AUY / VW19PPD	1896	2002. 05 ~ 2006. 05	VKMA 01250
	GALAXY (WGR) - 1.9 TDI	ASZ	1896	2003. 02 ~ 2006. 05	VKMA 01250
	GALAXY (WGR) - 1.9 TDI	BTB	1896	2005. 05 ~ 2006. 05	VKMA 01250
	GALAXY (WGR) - 1.9 TDI	1Z / AHU / VW19N	1896	1995. 03 ~ 2006. 05	VKMA 01019
GALAXY (WGR) - 1.9 TDI	AFN / AVG / VW19P	1896	1997. 08 ~ 2000. 04	VKMA 01019	
GALAXY (WGR) - 1.9 TDI	ANU / VW19NPD	1896	1995. 03 ~ 2000. 03	VKMA 01143	
GALAXY (WGR) - 1.9 TDI	AUY / VW19PPD	1896	2000. 04 ~ 2002. 04	VKMA 01142	
MONDEO I (GBP) - 1.8 TD	D18TI	1753	1993. 06 ~ 1996. 08	VKMA 04103	
MONDEO I (GBP) - 1.8 TD	D18TI(RFM / RFN)	1753	1993. 06 ~ 1995. 10	VKMA 04103	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
6089286	GT80500												
6089286	GT80500												
6089286	GT80500												
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		1145947	GTB0200					1145955	GT30500				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		1058458	GTB0270					028 109 244	GT60330				
		1058458	GTB0270					028 109 244	GT60330				
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FORD	MONDEO I Estate (BNP) - 1.8 TD	D18TI	1753	1993.06 ~ 1996.08	VKMA 04103
	MONDEO I Estate (BNP) - 1.8 TD	D18TI(RFM / RFN)	1753	1995.11 ~ 1996.08	VKMA 04106
	MONDEO I Saloon (GBP) - 1.8 TD	D18TI	1753	1993.06 ~ 1996.08	VKMA 04103
	MONDEO II Estate (BNP) - 1.8 TD	D18TI(RFN)	1753	1996.09 ~ 2000.11	VKMA 04107
	MONDEO II Saloon (BFP) - 1.8 TD	D18TI(RFN)	1753	1996.09 ~ 2000.11	VKMA 04107
	ORION I (AFD) - 1.3	HL13 CVH(JPA)	1296	1983.07 ~ 1986.01	VKMA 04200
	ORION II (AFF) - 1.8 D	D18	1753	1989.01 ~ 1990.07	VKMA 04103
	ORION II (AFF) - 1.8 D	D18(RTA / RTB)	1753	1989.01 ~ 1990.07	VKMA 04103
	ORION III (GAL) - 1.8 D	D18	1753	1990.11 ~ 1993.12	VKMA 04103
	ORION III (GAL) - 1.8 D	D18(RTE / RTF / RTH)	1753	1990.11 ~ 1993.12	VKMA 04103
	ORION III (GAL) - 1.8 TD	D18T	1753	1992.03 ~ 1993.12	VKMA 04103
	ORION III (GAL) - 1.8 TD	D18T / D18TI(RFD / RFK)	1753	1992.03 ~ 1993.12	VKMA 04103
	P 100 II - 1.8 TD	D18T	1753	1987.10 ~ 1992.12	VKMA 04103
	P 100 II - 1.8 TD	D18T(RFA)	1753	1987.10 ~ 1992.12	VKMA 04103
	RANGER (TU_) - 2.5 D	WL	2500	1999.10 ~ 2002.04	VKMA 94616
	RANGER (TU_) - 2.5 D 4x4	WL	2500	1999.10 ~ 2002.04	VKMA 94616
	RANGER (TU_) - 2.5 TD	WL-T	2500	2002.04 ~ 2006.06	VKMA 94616
	RANGER (TU_) - 2.5 TD 4x4	WL-T	2500	2002.04 ~ 2006.06	VKMA 94616
	RANGER (TU_) - 2.5 TD 4x4	WL-T	2500	1999.10 ~ 2006.06	VKMA 94616
	SIERRA (GBG, GB4) - 1.8 TD	D18T	1753	1988.08 ~ 1993.02	VKMA 04103
	SIERRA (GBG, GB4) - 1.8 TD	D18T(RFA / RFB / RFL)	1753	1988.08 ~ 1993.02	VKMA 04103
	SIERRA Estate (BNG) - 1.8 TD	D18T	1753	1988.08 ~ 1993.02	VKMA 04103
	SIERRA Estate (BNG) - 1.8 TD	D18T(RFA / RFB / RFL)	1753	1988.08 ~ 1993.02	VKMA 04103
	SIERRA Hatchback (GBC, GBG) - 1.8 TD	D18T	1753	1988.08 ~ 1993.02	VKMA 04103
	SIERRA Hatchback (GBC, GBG) - 1.8 TD	D18T(RFA / RFB / RFL)	1753	1988.08 ~ 1993.02	VKMA 04103
	FIESTA IV (JA_, JB_) - 1.8 DI	LD18 Lynx	1753	2000.04 ~ 2002.01	VKMA 04108
	FIESTA Box (J5_, J3_) - 1.8 DI	LD18 Lynx	1753	2000.09 ~	VKMA 04108
	FIESTA Box (JV_) - TD 1.8	LD18 Lynx	1753	2000.03 ~	VKMA 04108
	FOCUS (DAW, DBW) - 1.8 DI / TDDi	LD18 Lynx	1753	1999.08 ~ 2004.11	VKMA 04108
	FOCUS (DAW, DBW) - 1.8 Turbo DI / TDDi	LD18 Lynx	1753	1998.10 ~ 2004.11	VKMA 04108
	FOCUS (DAW, DBW) - 1.8 TDCi	LD18 Lynx	1753	2002.08 ~ 2004.11	VKMA 04108
	FOCUS (DAW, DBW) - 1.8 TDCi	LD18 Lynx	1753	2001.03 ~ 2004.11	VKMA 04108
	FOCUS Saloon (DFW) - 1.8 Turbo DI / TDDi	LD18 Lynx	1753	2001.08 ~ 2005.03	VKMA 04108
	GALAXY (WGR) - 1.9 TDI	ANU / VW19NPD	1896	1995.03 ~ 2000.03	VKMA 01143
	GALAXY (WGR) - 1.9 TDI	AUY / VW19PPD	1896	2000.04 ~ 2002.04	VKMA 01142
	MONDEO I (GBP) - 1.8 TD	D18TI	1753	1993.06 ~ 1996.08	VKMA 04103
	MONDEO I (GBP) - 1.8 TD	D18TI(RFM / RFN)	1753	1993.06 ~ 1995.10	VKMA 04103



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		045 109 243 B						045 109 244 A	GT60350				
		045 109 243 D											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1005822	GT80210			1005516	GT60940			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
1021706				1005822	GT80210			1040677					
1021706				1005822	GT80210			1040677					
6089286	GT80500												
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
3590347	GT70950												
3590347	GT70950												
3590347	GT70950												
3590347	GT70950												
3590347	GT70950												
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
6497120	GT80220			1005822	GT80210			1005823	GT80230				
		1079173	GTB0280										
		1079173	GTB0280										
		1079173	GTB0280										
		1079173	GTB0280										
		1079173	GTB0280										
		1079173	GTB0280										
		1079173	GTB0280										
		1079173	GTB0280										
		1079173	GTB0280										

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FORD	FOCUS Saloon (DFW) - 1.8 Turbo DI / TDDi	LD18 Lynx	1753	1999. 02 ~ 2004. 11	VKMA 04108
	FOCUS Saloon (DFW) - 1.8 TDCi	LD18 Lynx	1753	2002. 08 ~ 2004. 11	VKMA 04108
	FOCUS Saloon (DFW) - 1.8 TDCi	LD18 Lynx	1753	2001. 03 ~ 2004. 11	VKMA 04108
	FOCUS Estate (DNW) - 1.8 DI / TDDi	LD18 Lynx	1753	1999. 08 ~ 2004. 11	VKMA 04108
	FOCUS Estate (DNW) - 1.8 Turbo DI / TDDi	LD18 Lynx	1753	1999. 02 ~ 2004. 11	VKMA 04108
	FOCUS Estate (DNW) - 1.8 TDCi	LD18 Lynx	1753	2002. 08 ~ 2004. 11	VKMA 04108
	FOCUS Estate (DNW) - 1.8 TDCi	LD18 Lynx	1753	2001. 03 ~ 2004. 11	VKMA 04108
	FOCUS C-MAX - 1.8 TDCi	LD18 Lynx	1753	2005. 01 ~ 2007. 03	VKMA 04108
	C-MAX - 1.8 TDCi	Duratorq	1753	2007. 02 ~	VKMA 04108
	FOCUS II (DA_) - 1.8 TDCi	LD18 Lynx	1753	2005. 01 ~	VKMA 04108
	FOCUS II Saloon (DA_) - 1.8 TDCi	LD18 Lynx	1753	2005. 04 ~	VKMA 04108
	FOCUS II Estate (DA_) - 1.8 TDCi	LD18 Lynx	1753	2004. 11 ~	VKMA 04108
	GALAXY - 1.8 TDCi	LD18 Lynx	1753	2006. 05 ~	VKMA 04108
	MONDEO IV - 1.8 TDCi	LD18 Lynx	1753	2007. 03 ~	VKMA 04108
	MONDEO IV - 1.8 TDCi	LD18 Lynx	1753	2007. 06 ~	VKMA 04108
	MONDEO IV Saloon - 1.8 TDCi	LD18 Lynx	1753	2007. 03 ~	VKMA 04108
	MONDEO IV Saloon - 1.8 TDCi	LD18 Lynx	1753	2007. 06 ~	VKMA 04108
	MONDEO IV Turnier - 1.8 TDCi	LD18 Lynx	1753	2007. 03 ~	VKMA 04108
	MONDEO IV Turnier - 1.8 TDCi	LD18 Lynx	1753	2007. 06 ~	VKMA 04108
	S-MAX - 1.8 TDCi	LD18 Lynx	1753	2007. 01 ~	VKMA 04108
	S-MAX - 1.8 TDCi	LD18 Lynx	1753	2006. 05 ~	VKMA 04108
	TOURNEO CONNECT - 1.8 Di	LD18 Lynx	1753	2002. 06 ~	VKMA 04108
	TOURNEO CONNECT - 1.8 Turbo Di	LD18 Lynx	1753	2002. 06 ~	VKMA 04108
	TOURNEO CONNECT - 1.8 TDCi	LD18 Lynx	1753	2006. 08 ~	VKMA 04108
	TRANSIT CONNECT (P65_, P70_, P80_) - 1.8 Di	LD18 Lynx	1753	2002. 06 ~	VKMA 04108
	TRANSIT CONNECT (P65_, P70_, P80_) - 1.8 TDCi	LD18 Lynx	1753	2002. 06 ~	VKMA 04108
	TRANSIT CONNECT (P65_, P70_, P80_) - 1.8 TDCi	LD18 Lynx	1753	2006. 08 ~	VKMA 04108
	COUGAR (EC_) - 2.0 16V	ZH20 Zetec	1988	1998. 08 ~ 1999. 01	VKMA 04213
	COUGAR (EC_) - 2.0 16V	ZH20 Zetec	1988	1999. 01 ~ 2001. 12	VKMA 04214
	FOCUS (DAW, DBW) - 1.8 16V	ZH18 Zetec	1796	1998. 10 ~ 1999. 01	VKMA 04213
	FOCUS (DAW, DBW) - 1.8 16V	ZH18 Zetec	1796	1999. 01 ~ 2004. 11	VKMA 04214
	FOCUS (DAW, DBW) - 2.0 16V	ZH20 Zetec	1988	1998. 10 ~ 1999. 01	VKMA 04213
	FOCUS (DAW, DBW) - 2.0 16V	ZH20 Zetec	1988	1999. 01 ~ 2004. 11	VKMA 04214
FOCUS (DAW, DBW) - RS	HMDA	1988	2002. 10 ~ 2004. 11	VKMA 04214	
MONDEO II (BAP) - 1.6 i	ZH16 Zetec	1597	1998. 06 ~ 1999. 01	VKMA 04213	
MONDEO II (BAP) - 1.6 i	ZH16 Zetec	1597	1999. 02 ~ 2000. 11	VKMA 04214	
MONDEO II (BAP) - 1.6 i 16V	ZH16 Zetec	1597	1998. 06 ~ 1999. 01	VKMA 04213	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
FORD	MONDEO II (BAP) - 1.6 i 16V	ZH16 Zetec	1597	1999. 02 ~ 2000. 11	VKMA 04214
	TOURNEO CONNECT - 1.8 16V	ZH18 Zetec	1796	2002. 06 ~	VKMA 04214
	TRANSIT CONNECT (P65_, P70_, P80_) - 1.8 16V	ZH18 Zetec	1796	2002. 06 ~	VKMA 04214
	TRANSIT CONNECT (P65_, P70_, P80_) - 1.8 16V LPG	ZH18 Zetec	1796	2002. 06 ~	VKMA 04214
	ESCORT V (GAL) - 1.8 16V XR3i	ZH18 Zetec	1796	1992. 02 ~ 1992. 12	
	ESCORT V Estate (GAL, AVL) - 1.8 16V	ZH18 Zetec	1796	1992. 02 ~ 1992. 12	
	ESCORT V Convertible (ALL) - 1.8 16V XR3i	ZH18 Zetec	1796	1992. 02 ~ 1992. 12	
	ESCORT VI (GAL) - 1.6 i 16V	ZH16 Zetec	1597	1994. 01 ~ 1995. 01	
	ESCORT VI (GAL) - 1.6 i 16V	ZH16 Zetec	1597	1992. 09 ~ 1995. 01	
	ESCORT VI (GAL) - 1.8 XR3i 16V 4x4	ZH18 Zetec	1796	1993. 08 ~ 1995. 01	
	ESCORT VI (GAL) - 1.8 16V XR3i	ZH18 Zetec	1796	1992. 09 ~ 1995. 01	
	ESCORT VI (GAL) - 1.8 XR3i 16V 4x4	ZH18 Zetec	1796	1993. 08 ~ 1995. 01	
	ESCORT VI (GAL) - RS 2000	DH20	1998	1992. 09 ~ 1995. 01	
	ESCORT VI (GAL) - RS 2000 4x4	DH20	1998	1993. 08 ~ 1995. 01	
	ESCORT VII (GAL, AAL, ABL) - RS 2000	DH20	1998	1995. 02 ~ 1998. 02	
	ESCORT VII (GAL, AAL, ABL) - RS 2000 4x4	DH20	1998	1995. 02 ~ 1998. 10	
	ESCORT VII (GAL, AAL, ABL) - RS Cosworth 4x4	DH20	1994	1995. 02 ~ 1998. 10	
	FIESTA III (GFJ) - 1.3 CAT	BL13	1299	1991. 05 ~ 1997. 01	
	ORION III (GAL) - 1.6 i 16V	ZH16 Zetec	1597	1992. 07 ~ 1993. 12	
	ORION III (GAL) - 1.8 i 16V	ZH18 Zetec	1796	1992. 02 ~ 1993. 12	
	ORION III (GAL) - 1.8 i 16V	ZH18 Zetec	1796	1992. 01 ~ 1993. 12	
	MONDEO III (B5Y) - 2.0 16V DI / TDDi / TDCi	Duratorq	1998	2000. 11 ~ 2007. 08	
	MONDEO III (B5Y) - 2.0 16V TDDi / TDCi	Duratorq	1998	2000. 11 ~ 2007. 08	
	MONDEO III (B5Y) - 2.0 TDCi	Duratorq	1998	2001. 10 ~ 2007. 08	
	MONDEO III (B5Y) - 2.2 TDCi	Duratorq	2198	2004. 09 ~ 2007. 08	
	MONDEO III Estate (BWY) - 2.0 16V TDDi / TDCi	Duratorq	1998	2000. 11 ~ 2007. 08	
	MONDEO III Estate (BWY) - 2.2 TDCi	Duratorq	2198	2004. 09 ~ 2007. 08	
	MONDEO III Saloon (B4Y) - 2.0 TDCi	Duratorq	1998	2001. 10 ~ 2007. 08	
	MONDEO III Saloon (B4Y) - 2.2 TDCi	Duratorq	2198	2004. 09 ~ 2007. 08	
	TRANSIT Box (FA_) - 2.0 TDCi	Duratorq	1998	2002. 08 ~ 2006. 05	
	TRANSIT TOURNEO - 2.0	Duratorq	1998	1994. 11 ~ 2000. 12	
	TRANSIT Bus (E) - 2.0 (EBL, EBS, ECL, EDS, EDL, EGL, ESS, ESL, EUS)	Duratorq	1998	1995. 09 ~ 2000. 03	
	TRANSIT Bus (E) - 2.0 CNG	Duratorq	1998	1994. 06 ~ 2000. 03	
TRANSIT Box (E) - 2.0 (EAL, EAS)	Duratorq	1998	1994. 06 ~ 2000. 03		
TRANSIT Platform/Chassis (E) - 2.0 (EME/L/S, ENE/L/S)	Duratorq	1998	1994. 08 ~ 2000. 03		
TRANSIT TOURNEO - 2.2 TDCi	Duratorq	2198	2006. 07 ~		
TRANSIT Bus - 2.2 TDCi	Duratorq	2198	2006. 04 ~		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		1000159	GTB0290					1095025					
		1000159	GTB0290					1095025					
		1000159	GTB0290					1095025					
		1000159	GTB0290					1095025					
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
6789631	GTA0260												
6789631	GTA0260												
6789631	GTA0260												
6789631	GTA0260												
6789631	GTA0260												
								1372398	GTA0310				
								1372398	GTA0310				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
FORD	TRANSIT Platform/Chassis - 2.2 TDCi	Duratorq	2198	2006. 04 ~	
	TOURNEO CUSTOM Bus - 2.2 TDCi		2198	2012. 12 ~	
	TRANSIT CUSTOM Kombi - 2.2 TDCi		2198	2012. 12 ~	
	TRANSIT CUSTOM Box - 2.2 TDCi		2198	2012. 12 ~	
	ESCORT VII (GAL, AAL, ABL) - 1.8 Turbo D	D18TI	1753	1995. 12 ~ 1998. 10	
	ESCORT VII (GAL, AAL, ABL) - 1.8 TD	D18TI	1753	1995. 01 ~ 1998. 10	
	ESCORT VII Saloon (GAL, AFL) - 1.8 Turbo D	D18TI	1753	1995. 12 ~ 1999. 02	
	ESCORT VII Saloon (GAL, AFL) - 1.8 TD	D18TI	1753	1995. 01 ~ 1999. 02	
	ESCORT VII Estate (GAL, ANL) - 1.8 Turbo D	D18TI	1753	1995. 12 ~ 1999. 02	
	ESCORT VII Estate (GAL, ANL) - 1.8 TD	D18TI	1753	1995. 01 ~ 1999. 02	
FORD USA	PROBE II (ECP) - 2.5 V6 24V	KL	2497	1994. 12 ~ 1998. 03	VKMA 94000
HOLDEN	RODEO Pickup (RA) - 3.5 i 4x4 (TFS26) DOHC	6VE1	3494	2003. 02 ~ 2004. 02	VKMA 99007
HONDA	ACCORD II (AC, AD) - 1.6 EX (AC)	EZ	1598	1984. 01 ~ 1985. 10	VKMA 93200
	ACCORD II (AC, AD) - 1.8 EX (AD)	ET1	1829	1984. 01 ~ 1985. 10	VKMA 93200
	ACCORD II Hatchback (AC, AD) - 1.6 EX (AC)	EZ	1598	1984. 01 ~ 1985. 10	VKMA 93200
	ACCORD II Hatchback (AC, AD) - 1.8 EX (AD)	ET1	1829	1984. 01 ~ 1985. 10	VKMA 93200
	ACCORD III (CA4, CA5) - 1.6 L (CA4)	A16A1	1598	1986. 01 ~ 1989. 12	VKMA 93200
	ACCORD III (CA4, CA5) - 2.0 EX (CA5) SOHC	A20A1	1955	1985. 11 ~ 1989. 12	VKMA 93200
	ACCORD III (CA4, CA5) - 2.0 EX (CA5) SOHC	A20A2	1955	1985. 11 ~ 1989. 05	VKMA 93200
	ACCORD III (CA4, CA5) - 2.0 EXi (CA5) SOHC	A20A3	1955	1986. 01 ~ 1989. 12	VKMA 93200
	ACCORD III (CA4, CA5) - 2.0 EXi (CA5) SOHC	A20A4	1955	1985. 11 ~ 1987. 12	VKMA 93200
	ACCORD III Aerodeck (CA5) - 1.6 L (CA4)	A16A1	1598	1986. 01 ~ 1989. 12	VKMA 93200
	ACCORD III Aerodeck (CA5) - 2.0 EX (CA5) SOHC	A20A1	1955	1987. 10 ~ 1989. 12	VKMA 93200
	ACCORD III Aerodeck (CA5) - 2.0 EX (CA5) SOHC	A20A2	1955	1985. 11 ~ 1989. 05	VKMA 93200
	ACCORD III Aerodeck (CA5) - 2.0 EX SOHC	A20A1	1955	1987. 10 ~ 1989. 12	VKMA 93200
	ACCORD III Aerodeck (CA5) - 2.0 EXi (CA5) SOHC	A20A3	1955	1987. 10 ~ 1989. 12	VKMA 93200
	ACCORD III Aerodeck (CA5) - 2.0 EXi (CA5) SOHC	A20A4	1955	1985. 11 ~ 1987. 12	VKMA 93200
	ACCORD IV (CB) - 2.0 16V (CB3)	F20A4 / F20A8	1997	1990. 01 ~ 1993. 03	VKMA 93600
	ACCORD IV (CB) - 2.0 i 16V (CB3)	F20A4 / F20A8	1997	1990. 01 ~ 1993. 03	VKMA 93600
	ACCORD IV (CB) - 2.2 (CB3, CB7)	F22A6	2156	1991. 10 ~ 1993. 10	VKMA 93600
	ACCORD IV (CB) - 2.2 i 16V (CB7)	F22A3	2156	1990. 01 ~ 1993. 03	VKMA 93600
	ACCORD IV (CB) - 2.2 i 16V Automatik (CB7)	F22A3	2156	1990. 01 ~ 1993. 03	VKMA 93600
	ACCORD IV Aerodeck (CB) - 2.2 i 16V (CB8)	F22A8	2156	1991. 01 ~ 1993. 12	VKMA 93600
	ACCORD V (CC7, CD) - 2.0 i	F20Z2	1997	1993. 03 ~ 1994. 12	VKMA 93600
	ACCORD V (CC7, CD) - 2.0 i S	F20Z1	1997	1993. 03 ~ 1994. 12	VKMA 93600
	ACCORD V (CC7, CD) - 2.3 i SR	H23A3	2259	1993. 03 ~ 1994. 12	VKMA 93013
ACCORD V Aerodeck (CE) - 2.2 i ES (CE1)	F22B5	2156	1994. 01 ~ 1997. 12	VKMA 93600	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								1372398	GTA0310				
								1372398	GTA0310				
								1372398	GTA0310				
								1372398	GTA0310				
1004961	GTA0400												
1004961	GTA0400												
1004961	GTA0400												
1004961	GTA0400												
1004961	GTA0400												
1004961	GTA0400												
3395997	GT80670							3396016	GT80510	3396015	GT80520		
97136256	GT90115							97146877	GT90560				
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
14510-PT0-003	GT80440			13404-PT0-003	GT80390								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HONDA	ACCORD VI (CG, CK) - 1.6 i	D16B6	1590	1999. 10 ~ 2002. 12	VKMA 93006
	ACCORD VI (CG, CK) - 1.6 LS	D16B7	1590	1999. 10 ~ 2002. 12	VKMA 93006
	ACCORD VI (CG, CK) - 2.0 i	F20B6	1997	1998. 10 ~ 2001. 01	VKMA 93600
	ACCORD VI (CG, CK) - 2.2 Type-R	H22A7	2157	1999. 02 ~ 2002. 12	VKMA 93014
	ACCORD VI Aerodeck (CM) - 1.6	D16B6	1598	1999. 10 ~ 2002. 12	VKMA 93006
	ACCORD VI Coupe (CG) - 3.0 V6 24V	J30A1	2997	1998. 02 ~ 2002. 12	VKMA 93612
	ACCORD VI Coupe (CG) - 3.0 Vtec	J30A2	2997	2001. 10 ~ 2002. 12	VKMA 93612
	CITY Saloon - 1.3	D13B6 / D13B8	1343	1999. 12 ~ 2003. 09	VKMA 93005
	CIVIC I Shuttle (AN, AR) - 1.5 (AN)	EW2	1488	1984. 01 ~ 1987. 10	VKMA 93101
	CIVIC I Shuttle (AN, AR) - 1.5 4WD (AR)	EW2	1488	1985. 01 ~ 1987. 10	VKMA 93101
	CIVIC II Shuttle (EE) - 1.4 i 16V (EE1)	D14A1	1396	1988. 01 ~ 1991. 12	VKMA 93500
	CIVIC II Shuttle (EE) - 1.5 i 16V (EE2)	D15B2	1493	1988. 01 ~ 1991. 11	VKMA 93500
	CIVIC II Shuttle (EE) - 1.6 i 16V 4WD (EE4)	D16A6	1590	1988. 01 ~ 1989. 12	VKMA 93001
	CIVIC II Shuttle (EE) - 1.6 i 16V 4WD (EE4)	D16A6	1590	1988. 01 ~ 1995. 02	VKMA 93001
	CIVIC III Hatchback (AL, AJ, AG, AH) 1.2 (AL)	D12B1 / ZA2	1187	1984. 01 ~ 1987. 10	VKMA 93101
	CIVIC III Hatchback (AL, AJ, AG, AH) 1.3 (AG)	EV2	1342	1984. 01 ~ 1987. 10	VKMA 93101
	CIVIC III Hatchback (AL, AJ, AG, AH) 1.5 GL (AH)	EW2	1488	1984. 10 ~ 1987. 10	VKMA 93101
	CIVIC III Hatchback (AL, AJ, AG, AH) 1.5 GT (AH)	EW3	1488	1985. 01 ~ 1987. 10	VKMA 93101
	CIVIC III Hatchback (AL, AJ, AG, AH) 1.5 GTi (AH)	EW4	1488	1986. 03 ~ 1987. 10	VKMA 93101
	CIVIC III Saloon (AM, AK, AU) - 1.2	D12B1 / ZA2	1187	1985. 01 ~ 1987. 10	VKMA 93101
	CIVIC III Saloon (AM, AK, AU) - 1.3	EV2	1342	1984. 01 ~ 1987. 10	VKMA 93101
	CIVIC III Saloon (AM, AK, AU) - 1.5 GL	EW2	1488	1984. 01 ~ 1987. 10	VKMA 93101
	CIVIC III Saloon (AM, AK, AU) - 1.5 GT	EW3	1488	1985. 01 ~ 1987. 10	VKMA 93101
	CIVIC III Saloon (AM, AK, AU) - 1.5 GTi	EW4	1488	1983. 03 ~ 1987. 10	VKMA 93101
	CIVIC IV Hatchback (EC, ED, EE) - 1.3 (EC8)	D13B1	1343	1988. 01 ~ 1989. 12	VKMA 93500
	CIVIC IV Hatchback (EC, ED, EE) - 1.3 16 V (EC8) CAT	D13B2	1343	1989. 09 ~ 1991. 09	VKMA 93500
	CIVIC IV Hatchback (EC, ED, EE) - 1.4 L (EC9)	D14A1	1396	1988. 01 ~ 1989. 12	VKMA 93500
	CIVIC IV Hatchback (EC, ED, EE) - 1.5 i 16V	D15B2	1493	1988. 10 ~ 1991. 09	VKMA 93500
	CIVIC IV Hatchback (EC, ED, EE) - 1.5 i 16V (ED6)	D15B2	1493	1988. 10 ~ 1991. 09	VKMA 93500
	CIVIC IV Hatchback (EC, ED, EE) - 1.6 i 16V (ED7) SOHC	D16A6	1590	1988. 01 ~ 1991. 09	VKMA 93001
	CIVIC IV Hatchback (EC, ED, EE) - 1.6 i 16V (ED7) SOHC	D16Z2	1590	1988. 01 ~ 1991. 09	VKMA 93001
	CIVIC IV Hatchback (EC, ED, EE) - 1.6 i 16V DOHC	D16A7 / D16A9	1590	1988. 01 ~ 1991. 09	VKMA 93002
	CIVIC IV Hatchback (EC, ED, EE) - 1.6 i 16V Vtec (EE9)	B16A1	1595	1989. 10 ~ 1990. 12	VKMA 93201
CIVIC IV Saloon (ED) - 1.3	D13B1	1343	1988. 01 ~ 1989. 12	VKMA 93500	
CIVIC IV Saloon (ED) - 1.4 L (ED2)	D14A1	1396	1988. 01 ~ 1989. 12	VKMA 93500	
CIVIC IV Saloon (ED) - 1.5 i 16V	D15B2	1493	1988. 01 ~ 1991. 09	VKMA 93500	
CIVIC IV Saloon (ED) - 1.5 i 16V (ED3)	D15B2	1493	1988. 01 ~ 1991. 09	VKMA 93500	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
14510-P08-003	GT90040												
14510-P08-003	GT90040												
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
14510-P13-003	GT90120			13404-P13-003	GT90030								
14510-P08-003	GT90040												
14510-P8A-A01	GT90380							14550-P8A-A01	GT90370				
14510-P8A-A01	GT90380							14550-P8A-A01	GT90370				
14510-P08-003	GT90040												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PE0-003	GT80590												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-P30-003	GT80580												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HONDA	CIVIC IV Saloon (ED) - 1.6 i 16V (ED4) SOHC	D16A6	1590	1988.01 ~ 1991.09	VKMA 93001
	CIVIC IV Saloon (ED) - 1.6 i 16V (ED4) SOHC	D16Z2	1590	1988.01 ~ 1991.09	VKMA 93001
	CIVIC IV Saloon (ED) - 1.6 i 16V DOHC	D16A7	1590	1988.01 ~ 1991.09	VKMA 93002
	CIVIC V Coupe (EJ) - 1.5 i LSi (EJ2)	D15B7	1493	1993.08 ~ 1995.11	VKMA 93500
	CIVIC V Coupe (EJ) - 1.6 i (EJ6)	D16Y7	1590	1994.01 ~ 1995.11	VKMA 93500
	CIVIC V Coupe (EJ) - 1.6 i Vtec	B16A2	1595	1994.01 ~ 1995.11	VKMA 93201
	CIVIC V Coupe (EJ) - 1.6 i Vtec (EJ1)	D16Y6 / D16Z9	1590	1994.01 ~ 1995.12	VKMA 93006
	CIVIC V Hatchback (EG) - 1.3 16V (EG3)	D13B2	1343	1991.10 ~ 1995.11	VKMA 93500
	CIVIC V Hatchback (EG) - 1.5 i 16V (EG4)	D15B2 / D15Z1	1493	1992.01 ~ 1995.11	VKMA 93005
	CIVIC V Hatchback (EG) - 1.5 i 16V (EG4)	D15B2 / D15Z2	1493	1992.01 ~ 1995.11	VKMA 93500
	CIVIC V Hatchback (EG) - 1.5 i 16V (EG4)	D15B2	1493	1992.01 ~ 1995.11	VKMA 93500
	CIVIC V Hatchback (EG) - 1.6 16V Vtec (EG5)	D16Z6	1590	1992.01 ~ 1995.11	VKMA 93006
	CIVIC V Hatchback (EG) - 1.6 VTi 16V (EG6) DOHC	B16A2	1595	1992.01 ~ 1995.11	VKMA 93201
	CIVIC V Saloon (EG, EH) - 1.5	D15B2	1493	1992.01 ~ 1992.12	VKMA 93500
	CIVIC V Saloon (EG, EH) - 1.5 i 16V (EG8)	D15B2 / D15Z1	1493	1992.01 ~ 1995.11	VKMA 93005
	CIVIC V Saloon (EG, EH) - 1.5 i 16V (EG8)	D15B2	1493	1992.01 ~ 1995.11	VKMA 93500
	CIVIC V Saloon (EG, EH) - 1.6 16V Vtec (EH9)	D16Z6 / D16Z7	1590	1992.01 ~ 1995.11	VKMA 93006
	CIVIC V Saloon (EG, EH) - 1.6 4x4	D16Z7	1590	1992.01 ~ 1995.10	VKMA 93006
	CIVIC V Saloon (EG, EH) - 1.6 EX	D16A7	1590	1993.08 ~ 1995.10	VKMA 93500
	CIVIC V Saloon (EG, EH) - 1.6 VTi (EG9) DOHC	B16A2	1595	1992.01 ~ 1995.11	VKMA 93201
	CIVIC VI Aerodeck (MB, MC) - 1.4 16V (MB8)	D14A7	1396	1998.04 ~ 1999.12	VKMA 93005
	CIVIC VI Aerodeck (MB, MC) - 1.4 16V (MB8)	D14A8	1396	1998.04 ~ 1999.12	VKMA 93005
	CIVIC VI Aerodeck (MB, MC) - 1.5 16V (MB9)	D15Z8	1493	1998.04 ~ 1999.12	VKMA 93005
	CIVIC VI Aerodeck (MB, MC) - 1.6 16V (MC1)	D16B2 / D16W3	1590	1998.04 ~ 1999.12	VKMA 93006
	CIVIC VI Aerodeck (MB, MC) - 1.8 16V (MC2)	B18C4	1797	1998.04 ~ 1999.12	
	CIVIC VI Coupe (EJ, EM1) - 1.6	D16Y7	1590	1996.05 ~ 1999.04	VKMA 93006
	CIVIC VI Coupe (EJ, EM1) - 1.6 i	D16Y7	1590	1996.03 ~ 2000.03	VKMA 93006
	CIVIC VI Coupe (EJ, EM1) - 1.6 i Vtec	B16A2	1595	1999.04 ~ 2000.12	VKMA 93201
	CIVIC VI Coupe (EJ, EM1) - 1.6 i Vtec	D16Y8	1590	1996.03 ~ 2000.03	VKMA 93006
	CIVIC VI Fastback (MA, MB) - 1.4 i (MA8, MB2)	D14A7	1396	1997.01 ~ 1997.12	VKMA 93005
	CIVIC VI Fastback (MA, MB) - 1.4 i (MA8, MB2)	D14A8	1396	1997.01 ~ 1997.12	VKMA 93005
	CIVIC VI Fastback (MA, MB) - 1.4 i (MA8, MB2)	D14A5	1396	1995.09 ~ 1996.12	VKMA 93500
	CIVIC VI Fastback (MA, MB) - 1.4 i (MA8, MB2)	D14A5	1396	1995.01 ~ 1996.12	VKMA 93500
CIVIC VI Fastback (MA, MB) - 1.5 16V (MB3)	D15Z8	1493	1997.01 ~ 1997.12	VKMA 93005	
CIVIC VI Fastback (MA, MB) - 1.5 i Vtec-E (MA9)	D15Z3	1493	1995.01 ~ 1995.12	VKMA 93005	
CIVIC VI Fastback (MA, MB) - 1.6 16V (MB4)	D16B2	1590	1997.01 ~ 1997.12	VKMA 93006	
CIVIC VI Fastback (MA, MB) - 1.6 i (MB1) SOHC	D16Y3	1590	1994.09 ~ 1996.12	VKMA 93001	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-P30-003	GT80580												
14510-P08-003	GT90040												
14510-PM7-003	GT80100												
14510-P08-003	GT90040												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-P08-003	GT90040												
14510-P30-003	GT80580												
14510-PM7-003	GT80100												
14510-P08-003	GT90040												
14510-PM7-003	GT80100												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-PM7-003	GT80100												
14510-P30-003	GT80580												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P30-003	GT80580												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P30-003	GT80580												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-PM7-003	GT80100												
14510-PM7-003	GT80100												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-PM7-003	GT80100												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HONDA	CIVIC VI Fastback (MA, MB) - 1.6 i Vtec (MB1)	D16Y2	1590	1994. 09 ~ 1995. 12	VKMA 93006
	CIVIC VI Hatchback (EJ, EK) - 1.4 i (EJ9)	D14A3 / D14Z1	1396	1996. 01 ~ 2000. 12	VKMA 93005
	CIVIC VI Hatchback (EJ, EK) - 1.4 i S (EJ9)	D14A4 / D14Z2 / D14Z4	1396	1996. 01 ~ 2000. 12	VKMA 93005
	CIVIC VI Hatchback (EJ, EK) - 1.5 i (EK3)	D15Z6	1493	1996. 01 ~ 2000. 12	VKMA 93005
	CIVIC VI Hatchback (EJ, EK) - 1.6 i (EK1)	D16Y5	1590	1996. 01 ~ 2000. 12	VKMA 93006
	CIVIC VI Hatchback (EJ, EK) - 1.6 VTi (EK4)	B16A2	1595	1996. 01 ~ 2000. 12	VKMA 93201
	CIVIC VI Saloon (EJ, EK) - 1.4	D14A4	1396	1996. 01 ~ 1998. 10	VKMA 93005
	CIVIC VI Saloon (EJ, EK) - 1.4 i (EJ9)	D14A4 / D14Z2 / D14Z4	1396	1996. 01 ~ 2000. 12	VKMA 93005
	CIVIC VI Saloon (EJ, EK) - 1.5 i (EK3)	D15Z6	1493	1996. 01 ~ 2000. 12	VKMA 93005
	CIVIC VI Saloon (EJ, EK) - 1.6 i Vtec	D16Y6 / D16Y8	1590	1996. 01 ~ 2000. 12	VKMA 93006
	CIVIC VI Saloon (EJ, EK) - 1.6 VTi (EK4)	B16A2	1595	1996. 01 ~ 2000. 12	VKMA 93201
	CONCERTO (HW) - 1.4	D14A1	1396	1989. 10 ~ 1991. 12	VKMA 93500
	CONCERTO (HW) - 1.4	D14A1 / D14A8	1396	1989. 08 ~ 1991. 10	VKMA 93500
	CONCERTO (HW) - 1.5 i 16V	D15B2	1493	1989. 08 ~ 1993. 12	VKMA 93500
	CONCERTO (HW) - 1.6 16V DOHC	D16A / D16Z	1590	1990. 01 ~ 1993. 12	VKMA 93002
	CONCERTO (HW) - 1.6 16V SOHC	D16Z2	1590	1990. 01 ~ 1993. 12	VKMA 93001
	CONCERTO (HW) - 1.6 i 16V DOHC	D16A / D16Z	1590	1990. 01 ~ 1993. 12	VKMA 93002
	CONCERTO (HW) - 1.6 i 16V SOHC	D16Z2	1590	1990. 01 ~ 1993. 12	VKMA 93001
	CONCERTO (HW) - 1.6 i 16V SOHC	D16A8	1590	1990. 01 ~ 1993. 12	VKMA 93001
	CONCERTO Saloon (HWW) - 1.4	D14A1	1396	1989. 10 ~ 1991. 12	VKMA 93500
	CONCERTO Saloon (HWW) - 1.4	D14A1 / D14A8	1396	1989. 08 ~ 1991. 10	VKMA 93500
	CONCERTO Saloon (HWW) - 1.5 i 16V	D15B2	1493	1989. 08 ~ 1993. 12	VKMA 93500
	CONCERTO Saloon (HWW) - 1.6 16V DOHC	D16A / D16Z	1590	1990. 01 ~ 1993. 12	VKMA 93002
	CONCERTO Saloon (HWW) - 1.6 16V SOHC	D16Z2	1590	1990. 01 ~ 1993. 12	VKMA 93001
	CONCERTO Saloon (HWW) - 1.6 i 16V DOHC	D16A / D16Z	1590	1990. 01 ~ 1993. 12	VKMA 93002
	CONCERTO Saloon (HWW) - 1.6 i 16V DOHC	D16A / D16Z	1590	1990. 01 ~ 1993. 12	VKMA 93002
	CONCERTO Saloon (HWW) - 1.6 i 16V SOHC	D16Z2	1590	1990. 01 ~ 1993. 12	VKMA 93001
	CONCERTO Saloon (HWW) - 1.6 i 16V SOHC	D16A8	1590	1990. 01 ~ 1993. 12	VKMA 93001
	CR-V I (RD) - 2.0	B20Z1	1973	1999. 04 ~ 2001. 12	VKMA 93210
	CR-V I (RD) - 2.0 16V (RD1, RD3)	B20B	1973	1997. 01 ~ 1998. 12	VKMA 93210
	CR-V I (RD) - 2.0 16V (RD1, RD3)	B20Z1	1973	1999. 01 ~ 2001. 12	VKMA 93210
	CRX I (AF, AS) - 1.3	EV2	1342	1984. 01 ~ 1987. 10	VKMA 93101
	CRX I (AF, AS) - 1.5 i (AF)	EW3	1488	1984. 01 ~ 1986. 11	VKMA 93101
CRX II (ED, EE) - 1.6 i 16V (ED9)	D16Z5	1590	1987. 10 ~ 1990. 12	VKMA 93001	
CRX II (ED, EE) - 1.6 i 16V (ED9)	D16A8 / D16A9	1590	1987. 10 ~ 1989. 12	VKMA 93001	
CRX III (EH, EG) - 1.6 ESi (EH6)	D16Y8 / D16Z6	1590	1992. 03 ~ 1996. 12	VKMA 93006	
CRX III (EH, EG) - 1.6 i VTi (EG2)	B16A2	1595	1992. 03 ~ 1995. 12	VKMA 93201	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HONDA	HR-V (GH) - 1.6 16V	D16W1	1590	2001. 01 ~ 2005. 12	VKMA 93006
	HR-V (GH) - 1.6 16V (MOT:1120502)	D16W1	1590	1999. 03 ~ 2000. 12	VKMA 93006
	HR-V (GH) - 1.6 16V (MOT:1120503)	D16W1	1590	1999. 03 ~ 2000. 12	VKMA 93006
	HR-V (GH) - 1.6 16V 4WD	D16W1	1590	2001. 01 ~ 2005. 12	VKMA 93006
	HR-V (GH) - 1.6 16V 4WD (MOT:1007192)	D16W1	1590	1999. 03 ~ 2000. 12	VKMA 93006
	HR-V (GH) - 1.6 16V 4WD (MOT:1007192)	D16W5	1590	1999. 10 ~ 2000. 12	VKMA 93006
	HR-V (GH) - 1.6 16V 4WD (MOT:1007193)	D16W1	1590	1999. 03 ~ 2000. 12	VKMA 93006
	HR-V (GH) - 1.6 16V 4WD (MOT:1007193)	D16W5	1590	1999. 10 ~ 2000. 12	VKMA 93006
	INTEGRA Coupe (DC2, DC4) - 1.8 Type-R	B18C6	1797	1998. 01 ~ 2001. 10	
	LEGEND I (HS, KA) - 2.5 i (HS)	C25A1	2494	1986. 01 ~ 1987. 12	VKMA 93302
	LEGEND I (HS, KA) - 2.5 i (HS)	C25A2	2494	1987. 02 ~ 1988. 06	VKMA 93302
	LEGEND I (HS, KA) - 2.7 i 24V (KA4)	C27A1	2675	1988. 01 ~ 1990. 12	VKMA 93302
	LEGEND I Coupe (KA3) - 2.7 i 24V	C27A1	2675	1987. 10 ~ 1990. 12	VKMA 93302
	LEGEND II (KA7) - 3.2 i 24V	C32A2	3206	1991. 01 ~ 1995. 12	VKMA 93012
	LEGEND II Coupe (KA8) - 3.2 i 24V	C32A2	3206	1991. 01 ~ 1995. 12	VKMA 93012
	LOGO (GA3) - 1.3	D13B7	1343	1999. 03 ~ 2000. 12	VKMA 93019
	ODYSSEY (RA) - 2.2 16V	F22B8	2156	1994. 10 ~ 1997. 12	VKMA 93600
	ODYSSEY (RA) - 2.3 16V	F23A7	2254	1997. 10 ~ 2004. 06	
	PRELUDE II (AB) - 1.8 EX	ET3 / ET4	1829	1985. 11 ~ 1987. 04	VKMA 93200
	PRELUDE II (AB) - 1.8 EX	ET2 / ET3	1829	1983. 11 ~ 1987. 04	VKMA 93200
	PRELUDE III (BA) - 2.0 (BA4) SOHC	B20A4	1958	1987. 08 ~ 1992. 01	VKMA 93200
	PRELUDE III (BA) - 2.0 i EX 16V SOHC	A20A / B20A	1958	1986. 04 ~ 1987. 12	VKMA 93200
	PRELUDE III (BA) - 2.0 i EX 16V SOHC	B20A	1958	1987. 10 ~ 1987. 12	VKMA 93200
	PRELUDE IV (BB) - 2.0 i 16V (BB3)	F20A4	1997	1992. 02 ~ 1996. 09	VKMA 93600
	PRELUDE IV (BB) - 2.2 i 16V Vtec (BB1)	H22A2	2157	1993. 02 ~ 1996. 09	VKMA 93014
	PRELUDE IV (BB) - 2.3 i 16V (BB2)	H23A2	2259	1992. 02 ~ 1996. 09	VKMA 93013
	PRELUDE V (BB) - 2.0 16V (BB9)	F20A4	1997	1996. 10 ~ 2000. 10	VKMA 93600
	PRELUDE V (BB) - 2.2 16V	F22A	2157	1996. 10 ~ 2000. 10	VKMA 93600
	PRELUDE V (BB) - 2.2 16V (BB6, BB8)	H22A5	2157	1996. 10 ~ 2000. 10	VKMA 93014
	ACCORD VI (CG, CK) - 1.6 i	D16B6	1590	1998. 10 ~ 2002. 12	
	ACCORD VI (CG, CK) - 1.6 LS	D16B6	1590	1998. 10 ~ 2002. 12	
	ACCORD VI Aerodeck (CM) - 1.6	D16B6	1598	1998. 10 ~ 2002. 12	
CIVIC V Hatchback (EG) - 1.3 16V (EG3)	D13B2	1343	1991. 10 ~ 1995. 11		
CIVIC V Hatchback (EG) - 1.5 i 16V (EG4)	D15B2 / D15Z2	1493	1991. 10 ~ 1995. 11		
CIVIC V Hatchback (EG) - 1.6 16V Vtec (EG5)	D16Z6	1590	1991. 10 ~ 1995. 11		
CIVIC V Saloon (EG, EH) - 1.5 i 16V (EG8)	D15B2 / D15Z1	1493	1991. 10 ~ 1995. 11		
CIVIC V Saloon (EG, EH) - 1.6 16V Vtec (EH9)	D16Z6 / D16Z7	1590	1991. 10 ~ 1995. 11		





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P08-003	GT90040												
14510-P30-003	GT80580												
14510-PH7-003	GT80550												
14510-PH7-003	GT80550												
14510-PH7-003	GT80550												
14510-PH7-003	GT80550												
14510-PY3-003	GT80860												
14510-PY3-003	GT80860												
14510-P08-003	GT90040												
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
14510-PT0-003	GT80440												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
14510-PC6-013	GT80170												
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
14510-P13-003	GT90120			13404-P13-003	GT90030								
14510-PT0-003	GT80440			13404-PT0-003	GT80390								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
13404-PT0-003	GT80390			14510-PT0-003	GT80440								
14510-P13-003	GT90120			13404-P13-003	GT90030								
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HONDA	CIVIC VI Hatchback (EJ, EK) - 1.4 i (EJ9) AC Hadsys	D14A3 / D14Z1	1396	1996. 01 ~ 2000. 12	
	CIVIC VI Hatchback (EJ, EK) - 1.5 i (EK3) AC Hadsys	D15Z6	1493	1996. 01 ~ 2000. 12	
	CIVIC VI Hatchback (EJ, EK) - 1.6 i (EK1) AC Hadsys	D16Y5	1590	1996. 01 ~ 2000. 12	
HYUNDAI	ACCENT I (X-3) - 1.3	G4EH	1341	1995. 01 ~ 1999. 09	VKMA 95632
	ACCENT I (X-3) - 1.3 DOHC	G4EH	1341	1995. 09 ~ 1998. 05	VKMA 95632
	ACCENT I (X-3) - 1.3 DOHC	G4EH	1341	1995. 01 ~ 1999. 09	VKMA 95632
	ACCENT I (X-3) - 1.3 i 12V DOHC	G4EH	1341	1995. 01 ~ 1999. 09	VKMA 95632
	ACCENT I (X-3) - 1.3 i 12V SOHC	G4EH	1341	1995. 01 ~ 1999. 09	VKMA 95030
	ACCENT I (X-3) - 1.3 SOHC	G4EH	1341	1995. 09 ~ 1998. 05	VKMA 95030
	ACCENT I (X-3) - 1.3 SOHC	G4EH	1341	1995. 01 ~ 1999. 09	VKMA 95030
	ACCENT I (X-3) - 1.5 i 12V DOHC	G4EK	1495	1995. 01 ~ 2000. 01	VKMA 95632
	ACCENT I (X-3) - 1.5 i 12V SOHC	G4EK	1495	1995. 01 ~ 1999. 09	VKMA 95030
	ACCENT I (X-3) - 1.5 i 16V SOHC	G4ER	1495	1995. 12 ~ 1999. 09	VKMA 95030
	ACCENT II (LC) - 1.3 SOHC	G4EA	1341	2000. 01 ~ 2005. 11	VKMA 95648
	ACCENT II (LC) - 1.3 SOHC	G4EH	1341	2002. 08 ~ 2005. 11	VKMA 95648
	ACCENT II (LC) - 1.5 CRDi	D3EA	1493	2002. 04 ~ 2005. 11	VKMA 95660
	ACCENT II (LC) - 1.5 DOHC	G4EB	1495	2000. 01 ~ 2005. 11	VKMA 95632
	ACCENT II (LC) - 1.5 DOHC	G4EC-G	1495	2000. 09 ~ 2005. 11	VKMA 95632
	ACCENT II (LC) - 1.5 SOHC	G4EB	1495	2000. 01 ~ 2005. 11	VKMA 95648
	ACCENT II (LC) - 1.5 SOHC	G4EC-G	1495	2000. 09 ~ 2005. 11	VKMA 95648
	ACCENT II (LC) - 1.6	G4ED-G	1599	2002. 12 ~ 2005. 11	VKMA 95632
	ACCENT III (MC) - 1.4 GL	G4EE	1399	2005. 11 ~ 2010. 11	VKMA 95632
	ACCENT III (MC) - 1.6 GLS	G4ED	1599	2005. 11 ~ 2010. 11	VKMA 95632
	ACCENT Saloon (LC) - 1.3 SOHC	G4EA	1341	2000. 01 ~ 2005. 11	VKMA 95648
	ACCENT Saloon (LC) - 1.5 CRDi	D3EA	1493	2002. 01 ~ 2005. 11	VKMA 95660
	ACCENT Saloon (LC) - 1.5 DOHC	G4EB	1495	2000. 01 ~ 2005. 11	VKMA 95632
	ACCENT Saloon (LC) - 1.5 SOHC	G4EB	1495	2000. 01 ~ 2005. 11	VKMA 95648
	ACCENT Saloon (LC) - 1.5 SOHC	G4FK	1495	1999. 09 ~ 1999. 09	VKMA 95030
	ACCENT Saloon (LC) - 1.6 DOHC	G4ED-G	1599	2002. 12 ~ 2005. 11	VKMA 95632
	ACCENT Saloon (MC) - 1.4 GL	G4EE	1399	2005. 11 ~ 2010. 11	VKMA 95632
	ACCENT Saloon (MC) - 1.6 GLS	G4ED	1599	2005. 11 ~ 2010. 11	VKMA 95632
	ACCENT Saloon (X-3) - 1.3 DOHC	G4EH	1341	1995. 01 ~ 2000. 01	VKMA 95632
	ACCENT Saloon (X-3) - 1.3 i 12V DOHC	G4EH	1341	1994. 10 ~ 2000. 01	VKMA 95632
	ACCENT Saloon (X-3) - 1.3 i 12V SOHC	G4EH	1341	1995. 01 ~ 1999. 09	VKMA 95030
	ACCENT Saloon (X-3) - 1.3 SOHC	G4EH	1341	1995. 01 ~ 1999. 09	VKMA 95030
ACCENT Saloon (X-3) - 1.5 i 12V DOHC	G4EK	1495	1995. 01 ~ 2000. 01	VKMA 95632	
ACCENT Saloon (X-3) - 1.5 i 12V SOHC	G4EK	1495	1995. 01 ~ 1999. 09	VKMA 95030	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
								38950-P2K-305	GT60020				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022												
		24410-27250	GTB0070					24810-27250	GT10520				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022												
		24410-27250	GTB0070					24810-27250	GT10520				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HYUNDAI	ACCENT Saloon (X-3) - 1.5 i 16V SOHC	G4ER	1495	1995. 10 ~ 1999. 09	VKMA 95632
	ATOS (MX) - 0.8		798	1990. 04 ~ 2000. 12	VKMA 95641
	ATOS (MX) - 1.0 i	G4HC	999	1998. 02 ~ 2002. 03	VKMA 95641
	ATOS (MX) - 1.0 i	G4HC-E	999	2001. 03 ~ 2003. 12	VKMA 95641
	ATOS (MX) - 1.1	G4HG	1086	2005. 06 ~ 2008. 01	VKMA 95641
	ATOS PRIME (MX) - 1.0 i	G4HC	999	1999. 08 ~ 2003. 12	VKMA 95641
	ATOS PRIME (MX) - 1.0 i	G4HC-E	999	2001. 03 ~ 2003. 12	VKMA 95641
	ATOS PRIME (MX) - 1.1	G4HD	1086	2005. 06 ~ 2008. 01	VKMA 95641
	ATOS PRIME (MX) - 1.1	G4HG	1086	2005. 09 ~ 2008. 01	VKMA 95641
	CLICK (TB) - 1.1	G4HD	1086	2002. 09 ~ 2005. 09	VKMA 95641
	CLICK (TB) - 1.1	G4HD	1086	2005. 09 ~ 2009. 06	VKMA 95641
	CLICK (TB) - 1.3	G4EA	1341	2003. 09 ~ 2005. 08	VKMA 95648
	CLICK (TB) - 1.3 i	G4EA	1341	2002. 09 ~ 2004. 03	VKMA 95648
	CLICK (TB) - 1.4 i	G4EE	1399	2005. 08 ~ 2009. 06	VKMA 95632
	CLICK (TB) - 1.5 CRDi	D3EA	1493	2003. 07 ~ 2005. 07	VKMA 95660
	CLICK (TB) - 1.5 CRDi GLS	D4FA	1493	2007. 04 ~ 2005. 07	VKMA 95660
	CLICK (TB) - 1.6	G4ED-G	1599	2002. 09 ~ 2005. 09	VKMA 95632
	CLICK (TB) - 1.6	G4ED-G	1599	3005. 08 ~ 2009. 06	VKMA 95632
	COUPE (GK) - 1.6 16V	G4ED-G	1599	2003. 03 ~ 2008. 10	VKMA 95632
	COUPE (GK) - 2.0	G4GC-G	1975	2001. 08 ~ 2006. 05	VKMA 95656
	COUPE (GK) - 2.0	G4GC-G	1975	2002. 03 ~ 2009. 08	VKMA 95656
	COUPE (GK) - 2.0 GLS	G4GC-G	1975	2003. 02 ~ 2006. 05	VKMA 95656
	COUPE (GK) - 2.7 V6	G6BA-G	2656	2002. 03 ~ 2008. 10	VKMA 95657
	COUPE (RD) - 1.6 16V	G4GR	1599	1998. 03 ~ 2000. 06	VKMA 95655
	COUPE (RD) - 1.6 16V	G4GR	1599	2000. 07 ~ 2002. 04	VKMA 95632
	COUPE (RD) - 1.6 i 16V	4G61	1599	1996. 12 ~ 2000. 06	VKMA 95655
	COUPE (RD) - 1.6 i 16V	4G61	1599	2000. 07 ~ 2002. 04	VKMA 95632
	COUPE (RD) - 2.0	G4DF	1975	1999. 08 ~ 2002. 01	VKMA 95656
	COUPE (RD) - 2.0 16V	G4DF	1975	2001. 03 ~ 2002. 04	VKMA 95656
	COUPE (RD) - 2.0 16V	G4GF	1975	1996. 08 ~ 2002. 04	VKMA 95656
	ELANTRA (XD) - 1.6 DOHC	G4GR	1599	2000. 06 ~ 2006. 07	VKMA 95632
	ELANTRA (XD) - 1.6 DOHC	G4ED-G	1599	2003. 05 ~ 2006. 07	VKMA 95632
	ELANTRA (XD) - 1.6 DOHC	G4ED-G	1599	2000. 06 ~ 2006. 07	VKMA 95632
ELANTRA (XD) - 1.6 DOHC	G4GA	1599	2003. 09 ~ 2006. 07	VKMA 95632	
ELANTRA (XD) - 1.8	G4BB	1795	2000. 06 ~ 2006. 05	VKMA 95655	
ELANTRA (XD) - 1.8	G4GB	1795	2002. 11 ~ 2006. 05	VKMA 95655	
ELANTRA (XD) - 2.0	G4GC-G	1975	2000. 06 ~ 2006. 05	VKMA 95656	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
24410-26000	GT10022							24810-26010	GT10170				
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022							24810-26010	GT10170				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24810-37100	GT10111							24450-37100	GT10101				
24410-23011	GT10150							24810-23500	GT10161				
24410-26000	GT10022							24810-26010	GT10170				
24410-23011	GT10150							24810-23500	GT10161				
24410-26000	GT10022							24810-26010	GT10170				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HYUNDAI	ELANTRA (XD) - 2.0	G4GC	1975	2003. 10 ~ 2006. 05	VKMA 95656
	ELANTRA (XD) - 2.0 CRDi	D4EA	1991	2001. 04 ~ 2006. 01	VKMA 95660
	ELANTRA Saloon (HD) - 2.0 CVT	G4GC	1975	2006. 08 ~ 2011. 05	VKMA 95667
	ELANTRA Saloon (XD) - 1.6 DOHC	G4GR	1599	2000. 06 ~ 2006. 07	VKMA 95632
	ELANTRA Saloon (XD) - 1.6 DOHC	G4ED-G	1599	2003. 05 ~ 2006. 07	VKMA 95632
	ELANTRA Saloon (XD) - 1.6 DOHC	G4ED-G	1599	2000. 06 ~ 2006. 07	VKMA 95632
	ELANTRA Saloon (XD) - 1.8	G4BB	1795	2000. 06 ~ 2006. 05	VKMA 95655
	ELANTRA Saloon (XD) - 2.0	G4GC-G	1975	2000. 06 ~ 2006. 05	VKMA 95656
	ELANTRA Saloon (XD) - 2.0 CRDi	D4EA	1991	2001. 04 ~ 2006. 01	VKMA 95660
	GALLOPER I - 3.0 V6	6G72	2972	1996. 05 ~ 1998. 07	VKMA 95003
	GALLOPER II (JK-01) - 2.5 Tci D	D4BH	2476	2000. 05 ~ 2002. 06	VKMA 95014
	GALLOPER II (JK-01) - 2.5 TD	D4BA	2476	2000. 05 ~ 2002. 06	VKMA 95014
	GALLOPER II (JK-01) - 2.5 TD intercooler	D4BH	2476	2000. 05 ~ 2002. 06	VKMA 95014
	GALLOPER II (JK-01) - 3.0 V6	G6AT	2972	1998. 08 ~ 2002. 06	VKMA 95003
	GRACE Box - 2.5 D	D4BA / D4BX	2477	1993. 07 ~ 1994. 12	VKMA 95010
	GRACE Box - 2.5 D	D4BA / D4BX	2477	1996. 01 ~ 2000. 03	VKMA 95014
	GRACE Bus (P) - 2.4	G4CS	2351	1997. 01 ~ 2000. 03	VKMA 95015
	GRACE Bus (P) - 2.4	G4CS	2351	1993. 07 ~ 2000. 03	VKMA 95015
	GRACE Bus (P) - 2.5 D	D4BA / D4BX	2477	1993. 07 ~ 1994. 03	VKMA 95010
	GRACE Bus (P) - 2.5 D	D4BA / D4BX	2477	1996. 01 ~ 2000. 03	VKMA 95014
	GRANDEUR (TG) - 2.2 CRDi	D4EB	2188	2006. 06 ~ 2010. 10	VKMA 95660
	GRANDEUR (TG) - 2.7	G6BA	2656	2006. 10 ~ 2010. 10	VKMA 95681
	H-1 / STAREX - 2.5 D	D4BF	2476	1997. 10 ~ 2001. 07	VKMA 95014
	H-1 / STAREX - 2.5 D	D4BF	2476	1997. 10 ~ 2001. 07	VKMA 95014
	H-1 / STAREX - 2.5 Tci	D4BH	2476	1997. 10 ~ 2007. 12	VKMA 95014
	H-1 / STAREX - 2.5 TD	D4BF	2476	1997. 06 ~ 2001. 07	VKMA 95014
	H-1 / STAREX - 2.5 TD 4WD	D4BF	2476	1998. 02 ~ 2001. 07	VKMA 95014
	H-1 / STAREX - 2.5 TD 4WD	D4BH	2476	2001. 03 ~ 2004. 04	VKMA 95014
	H-1 / STAREX - 2.6 TDiC	D4BB	2607	1997. 10 ~ 2001. 07	VKMA 95014
	H-1 Box - 2.5 TD	D4BF	2476	2000. 03 ~ 2000. 09	VKMA 95014
	H-1 Box - 2.5 TD	D4BH	2476	2000. 03 ~ 2004. 04	VKMA 95014
	H-1 Box - 2.5 TD	D4BH	2476	2001. 10 ~ 2004. 04	VKMA 95014
	H-1 Platform/Chassis - 2.5 D	D4BH	2477	2000. 06 ~ 2005. 10	VKMA 95014
H100 Platform/Chassis - 2.5 D	D4BA	2476	1993. 07 ~ 1994. 03	VKMA 95014	
H100 Platform/Chassis - 2.5 D	D4BF	2476	1996. 05 ~ 1997. 12	VKMA 95014	
i10 (PA) - 1.1	G4HG	1086	2007. 12 ~	VKMA 95641	
i10 (PA) - 1.1	G4HG	1086	2008. 01 ~	VKMA 95641	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
24410-23011	GT10150							24810-23500	GT10161				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-23050	GTB0060					24810-23500	GT10161				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
		24410-27250	GTB0070					24810-27250	GT10520				
24410-35060	GT10080												
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
24410-35060	GT10080												
24317-42020	GT10140			23357-42030	GT10130								
23357-42030	GT10130			24317-42020	GT10140								
23357-32000	GT10040			24410-32020	GT10031								
23357-32000	GT10040			24410-32020	GT10031								
24317-42020	GT10140			23357-42030	GT10130								
23357-42030	GT10130			24317-42020	GT10140								
		24410-27250	GTB0070					24810-27250	GT10520				
24840-3E500	GT70370			24810-37100	GT10111								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
23357-42030	GT10130			24317-42020	GT10140								
24410-02510	GT10240												
24410-02510	GT10240												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HYUNDAI	i30 (FD) - 2.0	G4GC-G	1975	2007. 10 ~ 2011. 11	VKMA 95667
	i30 (FD) - 2.0 CRDi	D4EA	1991	2007. 10 ~ 2010. 07	VKMA 95660
	i30 CW (FD) - 2.0	G4GC-G	1975	2008. 02 ~ 2012. 06	VKMA 95667
	i30 CW (FD) - 2.0 CRDi	D4EA	1991	2008. 10 ~ 2010. 07	VKMA 95660
	LANTRA I (J-1) - 1.5 i.e.	G15B / G4DJ	1468	1990. 10 ~ 1995. 11	VKMA 95619
	LANTRA I (J-1) - 1.6 i.e. 16V	G4CR	1596	1990. 10 ~ 1995. 11	VKMA 95013
	LANTRA I (J-1) - 1.8 i.e. 16V	G4CN	1836	1990. 10 ~ 1995. 11	VKMA 95005
	LANTRA II (J-2) - 1.5 12V	G4EK	1495	1996. 12 ~ 1998. 11	VKMA 95030
	LANTRA II (J-2) - 1.6 16V	4G61	1599	1995. 11 ~ 2000. 07	VKMA 95655
	LANTRA II (J-2) - 1.6 i	G4GR	1599	1995. 11 ~ 2000. 07	VKMA 95655
	LANTRA II (J-2) - 1.8 16V	G4GM	1795	1995. 11 ~ 2000. 07	VKMA 95655
	LANTRA II (J-2) - 2.0 16V	G4GF	1975	1996. 08 ~ 2000. 07	VKMA 95655
	LANTRA II Wagon (J-2) - 1.5 12V	G4EK	1495	1997. 04 ~ 1998. 11	VKMA 95030
	LANTRA II Wagon (J-2) - 1.6 16V	4G61	1599	1996. 02 ~ 2000. 07	VKMA 95655
	LANTRA II Wagon (J-2) - 1.6 i	G4GR	1599	1996. 02 ~ 2000. 07	VKMA 95655
	LANTRA II Wagon (J-2) - 1.8 16V	G4GM	1795	1996. 02 ~ 2000. 07	VKMA 95655
	LANTRA II Wagon (J-2) - 2.0 16V	G4GF	1975	1996. 12 ~ 2000. 07	VKMA 95655
	LAVITA (FC) - 1.5 CRDi	D3EA	1496	2001. 10 ~ 2005. 05	VKMA 95660
	LAVITA (FC) - 1.6	G4ED-L	1599	2002. 01 ~ 2005. 12	VKMA 95632
	LAVITA (FC) - 1.6	G4ED-G	1599	2001. 06 ~ 2010. 04	VKMA 95632
	LAVITA (FC) - 1.8	G4GB-G	1795	2001. 06 ~ 2010. 08	VKMA 95655
	PONY (X-2) - 1.3	G4DG	1299	1989. 10 ~ 1995. 01	VKMA 95619
	PONY (X-2) - 1.5	G15B / G4DJ	1468	1989. 10 ~ 1995. 01	VKMA 95619
	PONY (X-2) - 1.5 i	G15B / G4DJ	1468	1989. 10 ~ 1994. 07	VKMA 95619
	PONY / EXCEL Saloon (X-2) - 1.3	G4DG	1298	1992. 12 ~ 1994. 07	VKMA 95619
	PONY / EXCEL Saloon (X-2) - 1.3	G4DG	1299	1990. 01 ~ 1994. 07	VKMA 95619
	PONY / EXCEL Saloon (X-2) - 1.5	G15B / G4DJ	1468	1990. 01 ~ 1994. 07	VKMA 95619
	PONY / EXCEL Saloon (X-2) - 1.5 i	G15B / G4DJ	1468	1990. 01 ~ 1994. 07	VKMA 95619
	S COUPE (SLC) - 1.5 i	G15B / G4DJ	1468	1990. 02 ~ 1996. 05	VKMA 95619
	S COUPE (SLC) - 1.5 i	G4EK	1495	1993. 07 ~ 1995. 03	VKMA 95030
	S COUPE (SLC) - 1.5 i	G4EK	1495	1992. 04 ~ 1993. 06	VKMA 95030
	S COUPE (SLC) - 1.5 i Turbo	G4EK-TC	1495	1992. 06 ~ 1993. 07	VKMA 95030
S COUPE (SLC) - 1.5 i Turbo	G4EK-TC	1495	1992. 07 ~ 1994. 09	VKMA 95030	
SANTA FÉ I (SM) - 2.0	G4BP	1997	2001. 08 ~ 2005. 12	VKMA 95658	
SANTA FÉ I (SM) - 2.0 CRDi	D4EA	1991	2002. 12 ~ 2005. 12	VKMA 95660	
SANTA FÉ I (SM) - 2.0 CRDi 4x4	D4EA	1991	2002. 12 ~ 2005. 12	VKMA 95660	
SANTA FÉ I (SM) - 2.0 CRDi All-wheel Drive	D4EA	1991	2003. 11 ~ 2005. 12	VKMA 95660	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		24410-23050	GTB0060					24810-23500	GT10161				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-23050	GTB0060					24810-23500	GT10161				
		24410-27250	GTB0070					24810-27250	GT10520				
24410-21010	GT10010												
23357-33120	GT10070			24450-33010	GT10060			24810-33021	GT10050				
23357-33120	GT10070			24450-33010	GT10060			24810-33021	GT10050				
24410-26000	GT10022												
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-26000	GT10022												
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
		24410-27250	GTB0070					24810-27250	GT10520				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-23011	GT10150							24810-23500	GT10161				
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-21010	GT10010												
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022												
24410-26000	GT10022												
23357-38001	GT10072			24450-38010	GT10061			24810-33021	GT10050				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HYUNDAI	SANTA FÉ I (SM) - 2.2 CRDi	D4EB	2188	2005. 10 ~ 2006. 03	VKMA 95660
	SANTA FÉ I (SM) - 2.2 CRDi 4x4	D4EB	2188	2005. 10 ~ 2006. 03	VKMA 95660
	SANTA FÉ I (SM) - 2.4 16V	G4JS-G	2351	2001. 02 ~ 2005. 12	VKMA 95659
	SANTA FÉ I (SM) - 2.4 16V 4x4	G4JS-G	2351	2001. 02 ~ 2005. 12	VKMA 95659
	SANTA FÉ I (SM) - 2.7	G6EA	2656	2005. 10 ~ 2005. 12	VKMA 95657
	SANTA FÉ I (SM) - 2.7 4x4	G6EA	2656	2000. 11 ~ 2005. 12	VKMA 95657
	SANTA FÉ I (SM) - 2.7 4x4	G6EA	2656	2005. 10 ~ 2005. 12	VKMA 95657
	SANTA FÉ I (SM) - 2.7 V6 4x4	G6BA-G	2656	2001. 02 ~ 2005. 12	VKMA 95657
	SANTA FÉ II (CM) - 2.2 CRDi 4x4	D4EB	2188	2006. 03 ~ 2009. 09	VKMA 95660
	SANTAMO - 2.0 16V	G4CP	1997	1999. 05 ~ 2002. 12	VKMA 95005
	SANTAMO - 2.0 16V 4x4	G4CP	1997	1999. 05 ~ 2002. 12	VKMA 95642
	SANTAMO - 2.0 16V SOHC		1997	1999. 05 ~ 2002. 12	VKMA 95642
	SONATA II (Y-2) - 1.8 i	4G62	1796	1988. 09 ~ 1993. 10	VKMA 95036
	SONATA II (Y-2) - 2.0 i	G4CP	1997	1988. 09 ~ 1991. 08	VKMA 95005
	SONATA II (Y-2) - 2.0 i	G4CP	1997	1988. 09 ~ 1991. 08	VKMA 95036
	SONATA II (Y-2) - 2.0 i	G4CP-U	1997	1991. 01 ~ 1993. 10	VKMA 95036
	SONATA II (Y-2) - 2.0 i 16V	G4CP-D	1997	1991. 01 ~ 1993. 10	VKMA 95036
	SONATA II (Y-2) - 2.4 i	G4CS	2351	1988. 09 ~ 1991. 08	VKMA 95015
	SONATA II (Y-2) - 3.0 i V6	G6AT	2972	1991. 01 ~ 1993. 10	VKMA 95003
	SONATA III (Y-3) - 1.8 GLS DOHC	G4DM	1795	1996. 07 ~ 1998. 04	VKMA 95652
	SONATA III (Y-3) - 1.8 GLS SOHC	G4DM	1795	1996. 07 ~ 1998. 04	VKMA 95642
	SONATA III (Y-3) - 1.8 i	G4CM	1796	1994. 01 ~ 1996. 02	VKMA 95005
	SONATA III (Y-3) - 1.8 I DOHC	G4CM	1796	1996. 03 ~ 1998. 04	VKMA 95652
	SONATA III (Y-3) - 1.8 I SOHC	G4CM	1796	1994. 01 ~ 1995. 10	VKMA 95639
	SONATA III (Y-3) - 2.0 i 16V DOHC	G4CP-DM	1997	1996. 06 ~ 1998. 04	VKMA 95652
	SONATA III (Y-3) - 2.0 i 16V DOHC	G4CP-D	1997	1996. 03 ~ 1998. 04	VKMA 95652
	SONATA III (Y-3) - 2.0 i 16V SOHC	G4CP-DM	1997	1996. 06 ~ 1998. 04	VKMA 95642
	SONATA III (Y-3) - 2.0 i 16V SOHC	G4CP-D	1997	1994. 01 ~ 1995. 10	VKMA 95639
	SONATA III (Y-3) - 2.0 I DOHC		1997	1996. 08 ~ 1998. 04	VKMA 95652
	SONATA III (Y-3) - 2.0 I DOHC		1997	1996. 03 ~ 1996. 08	VKMA 95652
	SONATA III (Y-3) - 2.0 I SOHC		1997	1996. 08 ~ 1998. 04	VKMA 95642
	SONATA III (Y-3) - 2.0 I SOHC	G4CP	1997	1994. 06 ~ 1995. 10	VKMA 95639
	SONATA III (Y-3) - 3.0 i V6	G6AT	2972	1993. 05 ~ 1998. 06	VKMA 95003
SONATA IV (EF) - 2.0 16V	G4JP-EG	1997	2001. 10 ~ 2004. 11	VKMA 95658	
SONATA IV (EF) - 2.0 16V	G4JP-G	1997	1999. 01 ~ 2001. 10	VKMA 95658	
SONATA IV (EF) - 2.4 16V	G4BS	2351	1999. 01 ~ 2001. 10	VKMA 95659	
SONATA IV (EF) - 2.5 V6 24V	G6BV-G	2493	1999. 01 ~ 2001. 04	VKMA 95657	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
23357-38001	GT10072			24450-38010	GT10061			24810-33021	GT10050				
23357-38001	GT10072			24450-38010	GT10061			24810-33021	GT10050				
24810-37100	GT10111							24450-37100	GT10101				
24810-37100	GT10111							24450-37100	GT10101				
24810-37100	GT10111							24450-37100	GT10101				
24810-37100	GT10111							24450-37100	GT10101				
		24410-27250	GTB0070					24810-27250	GT10520				
23357-33120	GT10070			24450-33010	GT10060			24810-33021	GT10050				
24410-32560	GT10032			23357-32000	GT10040								
24410-32560	GT10032			23357-32000	GT10040								
23357-32000	GT10040			24410-32020	GT10031								
23357-33120	GT10070			24450-33010	GT10060			24810-33021	GT10050				
23357-32000	GT10040			24410-32020	GT10031								
23357-32000	GT10040			24410-32020	GT10031								
23357-32000	GT10040			24410-32020	GT10031								
23357-32000	GT10040			24410-32020	GT10031								
24410-35060	GT10080												
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
24410-32560	GT10032			23357-32000	GT10040								
23357-33120	GT10070			24450-33010	GT10060			24810-33021	GT10050				
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
23357-32000	GT10040			24410-32560	GT10032								
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
24410-32560	GT10032			23357-32000	GT10040								
23357-32000	GT10040			24410-32560	GT10032								
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
24410-32560	GT10032			23357-32000	GT10040								
23357-32000	GT10040			24410-32560	GT10032								
24410-35060	GT10080												
23357-38001	GT10072			24450-38010	GT10061			24810-33021	GT10050				
23357-38001	GT10072			24450-38010	GT10061			24810-33021	GT10050				
23357-38001	GT10072			24450-38010	GT10061			24810-33021	GT10050				
24810-37100	GT10111							24450-37100	GT10101				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HYUNDAI	SONATA V (NF) - 2.0 CRDi	D4EA	1991	2006. 02 ~ 2010. 11	VKMA 95660
	TERRACAN (HP) - 2.5 D	D4BH	2476	2001. 06 ~ 2003. 10	VKMA 95014
	TERRACAN (HP) - 2.5 TD	D4BH	2476	2001. 12 ~ 2003. 12	VKMA 95014
	TERRACAN (HP) - 2.9 CRDi	J3	2902	2001. 11 ~ 2003. 07	VKMA 94509
	TERRACAN (HP) - 2.9 CRDi 4WD	J3	2902	2001. 12 ~ 2006. 10	VKMA 94509
	TERRACAN (HP) - 2.9 CRDi 4WD	J3	2902	2003. 11 ~ 2006. 10	VKMA 94509
	TRAJET (FO) - 2.0	G4GC	1975	2003. 04 ~ 2006. 05	VKMA 95656
	TRAJET (FO) - 2.0	G4GC-G	1975	2003. 04 ~ 2006. 05	VKMA 95656
	TRAJET (FO) - 2.0	G4JP-G	1997	2000. 03 ~ 2004. 02	VKMA 95658
	TRAJET (FO) - 2.0	G4GC-G	1975	2004. 01 ~ 2004. 02	VKMA 95658
	TRAJET (FO) - 2.0 CRDi	D4EA	1991	2002. 12 ~ 2006. 01	VKMA 95660
	TRAJET (FO) - 2.7 V6	G6BA-G	2656	2000. 09 ~ 2007. 06	VKMA 95657
	TUCSON (JM) - 2.0	G4GC	1975	2004. 08 ~ 2006. 05	VKMA 95656
	TUCSON (JM) - 2.0 All-wheel Drive	G4GC	1975	2004. 08 ~ 2006. 05	VKMA 95656
	TUCSON (JM) - 2.0 CRDi	D4EA	1991	2004. 08 ~ 2006. 01	VKMA 95660
	TUCSON (JM) - 2.0 CRDi All-wheel Drive	D4EA	1991	2004. 08 ~ 2006. 01	VKMA 95660
	TUCSON (JM) - 2.7 All-wheel Drive	G6BA-G	2656	2004. 08 ~ 2010. 03	VKMA 95657
	XG (XG) - 250	G6AV	2493	1998. 12 ~ 2005. 11	VKMA 95657
	XG (XG) - 30	G6CT-G	2972	1998. 12 ~ 2005. 11	VKMA 95973
	XG (XG) - 300		2972	1999. 09 ~ 2003. 09	VKMA 95973
	H-1 / STAREX - 2.5 CRDi	D4CB	2497	2006. 06 ~ 2007. 12	
	H-1 / STAREX - 2.5 CRDi	D4CB	2497	2002. 01 ~ 2004. 04	
	H-1 / STAREX - 2.5 CRDi	D4CB	2497	2002. 12 ~ 2004. 04	
	H-1 / STAREX - 2.5 CRDi 4WD	D4CB	2497	2002. 12 ~ 2004. 04	
	H-1 / STAREX - 2.5 CRDi 4WD AC	D4CB	2497	2002. 12 ~ 2004. 04	
	H-1 / STAREX - 2.5 CRDi AC	D4CB	2497	2006. 06 ~ 2007. 12	
	H-1 / STAREX - 2.5 CRDi AC	D4CB	2497	2002. 01 ~ 2004. 04	
	H-1 / STAREX - 2.5 CRDi AC	D4CB	2497	2002. 12 ~ 2004. 04	
	H-1 Box - 2.5 CRDi	D4CB	2497	2002. 01 ~ 2004. 04	
	H-1 Box - 2.5 CRDi	D4CB	2497	2003. 08 ~ 2004. 04	
	H-1 Box - 2.5 CRDi AC	D4CB	2497	2002. 01 ~ 2004. 04	
	H-1 Box - 2.5 CRDi AC	D4CB	2497	2003. 08 ~ 2004. 04	
SONATA IV (EF) - 2.0 16V AC	G4JP-EG	1997	2001. 10 ~ 2004. 11		
SONATA IV (EF) - 2.0 16V AC	G4JP-G	1997	1998. 06 ~ 2001. 10		
SONATA IV (EF) - 2.0 16V AC		1997	2001. 10 ~ 2004. 11		
SONATA IV (EF) - 2.4 16V AC	G4BS	2351	1999. 01 ~ 2001. 04		
COUPE (GK) - 2.0	G4GC-G	1975	2006. 06 ~ 2008. 10	VKMA 95667	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
HYUNDAI	COUPE (GK) - 2.0 GLS	G4GC-G	1975	2006. 06 ~ 2008. 10	VKMA 95667
	ACCENT I (X-3) - 1.3	G4EH	1341	1995. 09 ~ 1998. 05	
	ACCENT I (X-3) - 1.3	G4EH	1341	1994. 10 ~ 2000. 01	
	ACCENT I (X-3) - 1.3 i 12V	G4EH	1341	1994. 10 ~ 2000. 01	
	ACCENT I (X-3) - 1.5 i 16V	G4ER	1495	1995. 12 ~ 2000. 01	
	ACCENT Saloon (X-3) - 1.3	G4EH	1341	1994. 10 ~ 2000. 01	
	ACCENT Saloon (X-3) - 1.3 i 12V	G4EH	1341	1994. 10 ~ 2000. 01	
	ACCENT Saloon (X-3) - 1.5 i 16V	G4ER	1495	1995. 10 ~ 2000. 01	
	ACCENT II (LC) - 1.3	G4EA	1341	2000. 01 ~ 2005. 11	
	ACCENT II (LC) - 1.5	G4EB	1495	2000. 01 ~ 2005. 11	
	ACCENT II (LC) - 1.6	G4ED-G	1599	2002. 12 ~ 2005. 11	
	ACCENT III (MC) - 1.4 GL	G4EE	1399	2005. 11 ~ 2010. 11	
	ACCENT III (MC) - 1.6 GLS	G4ED	1599	2005. 11 ~ 2010. 11	
	COUPE (RD) - 1.6 i 16V	4G61	1599	1996. 12 ~ 2002. 04	
	COUPE (RD) - 2.0 16V	G4DF	1975	2001. 03 ~ 2002. 04	
	CLICK (TB) - 1.5 CRDi	D3EA	1493	2003. 03 ~ 2005. 09	
	GRANDEUR (TG) - 2.2 CRDi	D4EB	2188	2006. 06 ~	
	LAVITA (FC) - 1.5 CRDi SOHC	D3EA	1496	2001. 10 ~ 2010. 08	
SANTA FÉ I (SM) - 2.0 CRDi	D4EA	1991	2001. 08 ~ 2006. 03		
ISUZU	TROOPER - 3.5 V6 24V	6VE1	3498	2000. 04 ~	VKMA 99007
	TROOPER (UBS) - 2.8 TD (UBS55)	4JB1T	2772	1987. 10 ~ 1991. 12	VKMA 99004
	TROOPER (UBS) - 2.8 TD (UBS55)	4JB1-TC	2772	1988. 10 ~ 1991. 12	VKMA 99004
	TROOPER Open Off-Road Vehicle - 3.5 V6 24V	6VE1	3494	2000. 04 ~	VKMA 99007
	TROOPER Open Off-Road Vehicle (UBS) - 2.3 (UBS16)	4ZD1	2254	1985. 11 ~ 1991. 12	VKMA 99001
IVECO	DAILY I Box Body / Estate - 40-8 V	8140.61.200	2445	1983. 01 ~ 1989. 06	VKMA 02381
	DAILY I Box Body / Estate 30-8	8140.61.200	2445	1978. 01 ~ 1989. 12	VKMA 02381
	DAILY I Box Body / Estate 35-8	8140.61.200	2445	1978. 01 ~ 1989. 12	VKMA 02381
	DAILY I Platform/Chassis - 40-8	8140.61.200	2445	1983. 01 ~ 1989. 06	VKMA 02381
	DAILY I Platform/Chassis 30-8	8140.61.200	2445	1978. 01 ~ 1989. 12	VKMA 02381
	DAILY I Platform/Chassis 35-8	8140.61.200	2445	1978. 01 ~ 1989. 12	VKMA 02381
JAGUAR	X-TYPE (CF1) - 2.0 D	FMBA / FMBB / R4-X404	1998	2003. 07 ~ 2009. 11	
	X-TYPE (CF1) - 2.2 D	LJ46G	2198	2007. 01 ~ 2009. 11	
	X-TYPE Estate - 2.0 D	FMBA / FMBB / R4-X404	1998	2004. 02 ~ 2009. 12	
	X-TYPE Estate - 2.2 D	LJ46G	2198	2007. 01 ~ 2009. 12	
JEEP	CHEROKEE (XJ) - 2.1 D 4x4	J8S 742	2068	1986. 10 ~ 1992. 09	VKMA 06213
	CHEROKEE (XJ) - 2.1 TD	J8S	2068	1989. 06 ~ 1992. 03	VKMA 06213
	CHEROKEE (XJ) - 2.1 TD	J8S	J8S	1984. 10 ~ 2001. 09	VKMA 06213



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		24410-23050	GTB0060					24810-23500	GT10161				
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
97834-22100	GTA0880												
								25287-27001	GTA0910				
								25287-27001	GTA0910				
								25287-27001	GTA0910				
								25287-27001	GTA0910				
8-97136-256-0	GT90115							8-97146-877-0	GT90560				
8-94382-214-0	GT90150							8-94382-215-0	GT90170				
8-94382-214-0	GT90150							8-94382-215-0	GT90170				
8-97136-256-0	GT90115							8-97146-877-0	GT90560				
8-94215-197-1	GT80250												
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								99432547	GT60520	4740847	GT60530		
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
								1117009	GTA0200				
77007-22452	GT80270							77 00 721 690					
77007-22452	GT80270							77 00 721 690					
77007-22452	GT80270							77 00 721 690					

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
JEEP	COMPASS (MK49) - 2.0 CRD	ECD / ECE	1968	2006. 08 ~	VKMA 01255
	COMPASS (MK49) - 2.0 CRD 4x4	ECE	1968	2006. 09 ~	VKMA 01255
	GRANDIS (NA_W) - 2.0 DI-D	VAG	1968	2005. 09 ~	VKMA 01255
	GRANDIS (NA_W) - 2.0 DI-D	VAG	1968	2007. 02 ~	VKMA 01255
	LANCER Saloon (CY/Z_A) - 2.0 DI-D	VAG	1968	2008. 01 ~	VKMA 01255
	OUTLANDER II (CW_W) - 2.0 DI-D	VAG	1968	2007. 02 ~	VKMA 01255
	PATRIOT (MK74) - 2.0 CRD 4WD	ECD / ECE	1968	2007. 02 ~	VKMA 01255
KIA	AVELLA - 1.3	B3	1324	1995. 11 ~ 2001. 12	VKMA 94102
	AVELLA - 1.5		1498	1997. 02 ~ 2001. 12	VKMA 94102
	AVELLA Hatchback - 1.3	B3	1324	1995. 11 ~ 2000. 02	VKMA 94102
	AVELLA Hatchback - 1.5		1498	1997. 02 ~ 2000. 02	VKMA 94102
	BONGO Bus - 2.9 TDiC		2902	2007. 04 ~ 2010. 03	VKMA 94509
	BONGO Bus - 2.9 TDiC		2902	2007. 04 ~ 2010. 04	VKMA 94509
	BONGO MPV - 2.9 TDiC		2902	2007. 04 ~ 2010. 03	VKMA 94509
	BONGO MPV - 2.9 TDiC		2902	2007. 04 ~ 2010. 04	VKMA 94509
	BONGO MPV - 2.9 TDiC 4WD		2902	2007. 04 ~ 2010. 03	VKMA 94509
	BONGO MPV - 2.9 TDiC 4WD		2902	2007. 04 ~ 2010. 04	VKMA 94509
	BONGO Platform/Chassis - 2.9 TDiC		2902	2007. 04 ~ 2010. 03	VKMA 94509
	BONGO Platform/Chassis - 2.9 TDiC		2902	2007. 04 ~ 2010. 04	VKMA 94509
	BONGO Platform/Chassis - 2.9 TDiC 4WD		2902	2007. 04 ~ 2010. 03	VKMA 94509
	BONGO Platform/Chassis - 2.9 TDiC 4WD		2902	2004. 07 ~ 2010. 04	VKMA 94509
	CARENS I (FC) - 1.8 i	T8	1793	2000. 11 ~ 2002. 07	VKMA 94506
	CARENS II (FJ) - 1.6	GA6D	1594	2002. 07 ~	VKMA 94624
	CARENS II (FJ) - 1.8		1793	2002. 07 ~	VKMA 94506
	CARENS II (FJ) - 2.0 CWVT	G4GC	1975	2004. 08 ~ 2006. 05	VKMA 95656
	CARNIVAL / GRAND CARNIVAL III (VQ) - 2.7 V6	G6EA	2656	2006. 06 ~	VKMA 95681
	CARNIVAL / GRAND CARNIVAL III (VQ) - 2.9 CRDi	J3	2902	2006. 06 ~	
	CARNIVAL I (UP) - 2.5 i	OK52	2497	2000. 10 ~ 2001. 10	VKMA 94507
	CARNIVAL I (UP) - 2.5 V6	OK52	2497	1999. 08 ~ 2001. 10	VKMA 94507
	CARNIVAL I (UP) - 2.9 TD	J3	2903	1999. 08 ~ 2001. 10	VKMA 94509
	CARNIVAL II (GQ) - 2.5 V6	OK52	2497	2001. 10 ~ 2005. 11	VKMA 94507
	CARNIVAL II (GQ) - 2.9 CRDi	J3	2902	2001. 10 ~	VKMA 94509
	CARNIVAL II (GQ) - 2.9 TD	J3	2903	1999. 01 ~	VKMA 94509
	CARNIVAL II (GQ) - 3.5	G6CU	3497	2002. 07 ~	VKMA 94509
	CEE'D Hatchback (ED) - 2.0	G4GC	1975	2006. 12 ~ 2012. 08	VKMA 95667
	CEE'D SW (ED) - 2.0	G4GC	1975	2007. 09 ~ 2012. 08	VKMA 95667
	CERATO (LD) - 1.6	G4FC	1591	2006. 05 ~ 2006. 10	VKMA 95632





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
24410-2X000	GT20040												
24410-2X000	GT20040												
24410-2X000	GT20040												
24410-2X000	GT20040												
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
OK247-12-700				OK937-12-730	GT20060								
OK937-12-700A	GT20050							OK937-12-730	GT20060				
OK247-12-700				OK937-12-730	GT20060								
24410-23011	GT10150							24810-23500	GT10161				
24840-3E500	GT70370			24810-37100	GT10111								
								OK88R-12750	GT40940				
OK9BV 12 780	GT20150			OK9BV 12 790	GT20160			OK9BV 12 730	GT20070				
OK9BV 12 780	GT20150			OK9BV 12 790	GT20160			OK9BV 12 730	GT20070				
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
OK9BV 12 780	GT20150			OK9BV 12 790	GT20160			OK9BV 12 730	GT20070				
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
		OK88R-12-700 24322-4X-000						OK88R-12-740	GT40970	OK88R-12750	GT40940	24317-4X-001	GT40980
								24810-23500	GT10161				
								24810-23500	GT10161				
24410-26000	GT10022							24810-26010	GT10170				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
KIA	CERATO (LD) - 1.6	G4ED	1599	2004. 07 ~ 2006. 10	VKMA 95632
	CERATO Saloon (LD) - 1.6	G4FC	1591	2006. 05 ~ 2006. 10	VKMA 95632
	CERATO Saloon (LD) - 1.6	G4ED	1599	2004. 04 ~ 2006. 10	VKMA 95632
	JOICE - 2.0	G4CP	1997	2001. 09 ~ 2003. 03	VKMA 95652
	JOICE - 2.0	G4CP	1997	2000. 02 ~ 2003. 03	VKMA 95652
	K2900 - 2.9 D	J3	2902	2008. 01 ~ 2010. 03	VKMA 94509
	K2900 - 2.9 D	J3	2902	2008. 01 ~ 2010. 04	VKMA 94509
	LOTZE (MG) - 2.7	G6EA	2656	2005. 11 ~ 2010. 04	VKMA 95681
	LOTZE (MG) - 2.7 V6		2656	2009. 07 ~ 2010. 04	VKMA 95681
	MAGENTIS (GD) - 2.5 V6	G6BV	2493	2001. 05 ~ 2005. 09	VKMA 95657
	PICANTO (BA) - 1.0	G4HE	999	2005. 09 ~ 2011. 01	VKMA 95641
	PICANTO (BA) - 1.0	G4HE	999	2009. 11 ~ 2011. 01	VKMA 95641
	PICANTO (BA) - 1.1	G4HG	1086	2004. 04 ~ 2011. 01	VKMA 95641
	PRIDE (DA) - 1.1 i	B1	1138	1991. 01 ~	VKMA 94102
	PRIDE (DA) - 1.3 16V	B3	1324	1990. 01 ~ 2001. 12	VKMA 94102
	RIO Estate (DC) - 1.3 SOHC		1343	2000. 08 ~ 2005. 02	VKMA 94102
	RIO Estate (DC) - 1.5 16V	A5D	1493	2002. 09 ~ 2005. 02	VKMA 94624
	RIO Estate (DC) - 1.5 16V	A5D	1493	2000. 08 ~ 2005. 02	VKMA 94624
	RIO II (JB) - 1.4 16V	G4EE	1399	2005. 04 ~ 2011. 09	VKMA 95632
	RIO II (JB) - 1.6 CVT	G4ED	1599	2005. 04 ~ 2011. 09	VKMA 95632
	RIO II Saloon (JB) - 1.4 16V	G4EE	1399	2005. 04 ~ 2011. 09	VKMA 95632
	RIO II Saloon (JB) - 1.6 16V	G4ED	1599	2005. 04 ~ 2011. 09	VKMA 95632
	RIO Saloon (DC) - 1.5 16V	A5D	1493	2000. 09 ~ 2005. 02	VKMA 94624
	RIO Saloon (DC_) - 1.3 SOHC		1343	2000. 09 ~ 2005. 02	VKMA 94102
	RIO Saloon (DC_) - 1.5 16V	A5D	1493	2000. 09 ~ 2005. 02	VKMA 94624
	SEPHIA (FA) - 1.5 i	B5	1498	1996. 02 ~ 1997. 10	VKMA 94102
	SEPHIA (FA) - 1.6 i	B6	1598	1995. 01 ~ 1997. 10	VKMA 94102
	SEPHIA (FA) - 1.8 i 16V	OK24N / OK26Y	1793	1995. 01 ~ 1997. 10	VKMA 94506
	SEPHIA Saloon (FA) - 1.5 i	B5	1498	1996. 02 ~ 1997. 10	VKMA 94102
	SEPHIA Saloon (FA) - 1.6 i	B6	1598	1993. 09 ~ 1997. 10	VKMA 94102
	SEPHIA Saloon (FA) - 1.8 i 16V	OK24N / OK26Y	1793	1995. 01 ~ 1997. 10	VKMA 94506
	SHUMA (FB) - 1.5 i 16V		1498	1997. 10 ~ 2001. 03	VKMA 94201
	SHUMA (FB) - 1.6	GA6D	1594	2001. 01 ~ 2001. 12	VKMA 94624
SHUMA (FB) - 1.8 i 16V	T8	1793	1997. 10 ~ 2001. 03	VKMA 94506	
SHUMA II (FB) - 1.6	GA6D	1594	2001. 05 ~ 2004. 02	VKMA 94624	
SHUMA II (FB) - 1.8	T8	1793	2003. 04 ~ 2004. 02	VKMA 94506	
SHUMA II Saloon (FB) - 1.6	GA6D	1594	2001. 05 ~ 2004. 02	VKMA 94624	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
23357-38001	GT10072			24450-33010	GT10060			24810-33021	GT10050				
		0K88R-12-700						0K88R-12-740	GT40970	0K88R-12750	GT40940	24317-4X-001	GT40980
		24322-4X-000						0K88R-12-740	GT40970	0K88R-12750	GT40940	24317-4X-001	GT40980
		0K88R-12-700						0K88R-12-740	GT40970	0K88R-12750	GT40940	24317-4X-001	GT40980
		24322-4X-000											
24840-3E500	GT70370			24810-37100	GT10111								
24840-3E500	GT70370			24810-37100	GT10111								
24810-37100	GT10111							24450-37100	GT10101				
24410-02510	GT10240												
24410-02510	GT10240												
24410-02510	GT10240												
24410-2X000	GT20040												
24410-2X000	GT20040												
24410-2X000	GT20040												
0K937-12-700A	GT20050							0K937-12-730	GT20060				
0K937-12-700A	GT20050							0K937-12-730	GT20060				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
24410-26000	GT10022							24810-26010	GT10170				
0K937-12-700A	GT20050							0K937-12-730	GT20060				
24410-2X000	GT20040												
0K937-12-700A	GT20050							0K937-12-730	GT20060				
24410-2X000	GT20040												
24410-2X000	GT20040												
0K247-12-700				0K937-12-730	GT20060								
24410-2X000	GT20040												
24410-2X000	GT20040												
0K247-12-700				0K937-12-730	GT20060								
0K937-12-700A	GT20050			0K937-12-730	GT20060								
0K937-12-700A	GT20050							0K937-12-730	GT20060				
0K247-12-700				0K937-12-730	GT20060								
0K937-12-700A	GT20050							0K937-12-730	GT20060				
0K247-12-700				0K937-12-730	GT20060								
0K937-12-700A	GT20050							0K937-12-730	GT20060				
0K247-12-700				0K937-12-730	GT20060								
0K937-12-700A	GT20050							0K937-12-730	GT20060				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
KIA	SHUMA Saloon (FB) - 1.5	OK280	1498	1996. 03 ~ 1998. 12	VKMA 94201
	SHUMA Saloon (FB) - 1.5 i 16V		1498	1997. 10 ~ 2001. 02	VKMA 94201
	SHUMA Saloon (FB) - 1.8 GX		1798	1999. 05 ~ 2001. 10	VKMA 94506
	SORENTO I (JC) - 2.4	G4JS	2351	2002. 08 ~ 2006. 04	VKMA 95659
	SPORTAGE (JE_) - 2.0 16V 4WD	G4GC	1975	2004. 09 ~ 2006. 05	VKMA 95656
	SPORTAGE (JE_) - 2.0 i 16V	G4GC	1975	2004. 09 ~ 2006. 05	VKMA 95656
	SPORTAGE (JE_) - 2.7 V6 4WD	G6BA	2656	2004. 09 ~ 2010. 05	VKMA 95657
	SPORTAGE (K00) - 2.0 i 16V DOHC	FE (16V)	1998	2001. 01 ~ 2002. 12	VKMA 94601
	SPORTAGE (K00) - 2.0 i 4WD DOHC	FE (8V)	1998	1995. 01 ~ 1998. 11	VKMA 94601
	SPORTAGE (K00) - 2.0 i 4WD SOHC	FE (8V)	1998	1995. 01 ~ 1998. 11	VKMA 94016
	SORENTO I (JC) - 2.5 CRDi PS	D4CB	2497	2002. 08 ~ 2006. 04	
	MAGENTIS (GD) - 2.0	G4JP	1997	2001. 05 ~ 2005. 09	
	SORENTO I (JC) - 2.4	G4JS	2351	2002. 08 ~ 2003. 3	
	CARENS II (FJ) - 2.0 CVT	G4GC	1975	2006. 06 ~ 2006. 08	VKMA 95667
	CEE'D Hatchback (ED) - 2.0	G4GC	1975	2006. 12 ~ 2012. 08	VKMA 95667
	CEE'D SW (ED) - 2.0	G4GC	1975	2007. 09 ~ 2012. 08	VKMA 95667
	CARENS II (FJ) - 2.0 CRDi	D4EA	1991	2002. 07 ~ 2005. 05	VKMA 95660
	CARENS II (FJ) - 2.0 CRDi	D4EA	1991	2005. 11 ~ 2006. 08	VKMA 95660
	CARNIVAL I (UP) - 2.9 TD	J3	2903	1999. 08 ~ 2001. 10	
	CARNIVAL II (GQ) - 2.9 CRDi	J3	2902	2001. 10 ~	
	CARNIVAL II (GQ) - 2.9 TD	J3	2903	1999. 01 ~	
	CARNIVAL / GRAND CARNIVAL III (VQ) - 2.9 CRDi	J3	2902	2006. 06 ~	
	CARNIVAL / GRAND CARNIVAL III (VQ) - 2.9 CRDi LX		2902	2006. 09 ~	
	CARENS III (UN) - 2.0 CRDi 140	D4EA	1991	2006. 09 ~	VKMA 95660
	CEE'D Hatchback (ED) - 2.0 CRDi		1991	2007. 06 ~ 2010. 08	VKMA 95660
	CEE'D Hatchback (ED) - 2.0 CRDi 140	D4EA-F	1991	2007. 09 ~ 2010. 08	VKMA 95660
	CEE'D SW (ED) - 2.0 CRDi 140	D4EA-F	1991	2007. 09 ~ 2010. 08	VKMA 95660
	CERATO (LD) - 2.0 CRDi	D4EA	1991	2004. 04 ~ 2006. 10	VKMA 95660
	CERATO Saloon (LD) - 2.0 CRDi	D4EA	1991	2004. 04 ~ 2006. 10	VKMA 95660
	LOTZE (MG) - 2.0 CRDi	D4EA	1991	2005. 11 ~ 2008. 12	VKMA 95660
	LOTZE (MG) - 2.0 CRDi	D4EA	1991	2004. 06 ~ 2010. 04	VKMA 95660
	SPORTAGE (JE_) - 2.0 CRDi	D4EA	1991	2005. 02 ~ 2005. 05	VKMA 95660
	SPORTAGE (JE_) - 2.0 CRDi	D4EA	1991	2006. 01 ~ 2010. 05	VKMA 95660
SPORTAGE (JE_) - 2.0 CRDi	D4EA-V	1991	2006. 01 ~ 2010. 05	VKMA 95660	
SPORTAGE (JE_) - 2.0 CRDi	D4EA	1991	2008. 09 ~ 2010. 05	VKMA 95660	
SPORTAGE (JE_) - 2.0 CRDi 4WD	D4EA	1991	2004. 09 ~ 2005. 05	VKMA 95660	
SPORTAGE (JE_) - 2.0 CRDi 4WD	D4EA	1991	2006. 01 ~ 2010. 05	VKMA 95660	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
OK937-12-700A	GT20050			OK937-12-730	GT20060								
OK937-12-700A	GT20050			OK937-12-730	GT20060								
OK247-12-700				OK937-12-730	GT20060								
23357-38001	GT10072			24450-38010	GT10061			24810-33021	GT10050				
24410-23011	GT10150							24810-23500	GT10161				
24410-23011	GT10150							24810-23500	GT10161				
24810-37100	GT10111							24450-37100	GT10101				
OK972-12-700	GT20010							OK954-12-730	GT20030				
OK972-12-700	GT20010							OK954-12-730	GT20030				
OK972-12-700	GT20010							OK954-12-730	GT20030				
								25286-4A000	GT10390				
57212-38100	GT10361												
57212-38100	GT10361												
		24410-23050	GTB0060					24810-23500	GT10161				
		24410-23050	GTB0060					24810-23500	GT10161				
		24410-23050	GTB0060					24810-23500	GT10161				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
								25286-4X000	GTA0870				
								25286-4X000	GTA0870				
								25286-4X000	GTA0870				
								25286-4X000	GTA0870				
								25286-4X000	GTA0870				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
KIA	SPORTAGE (JE_) - 2.0 CRDi 4WD	D4EA-F / D4EA-V	1991	2006. 01 ~ 2010. 05	VKMA 95660
	SPORTAGE (JE_) - 2.0 CRDi 4WD	D4EA	1991	2008. 09 ~ 2010. 05	VKMA 95660
LADA	110 - 2.0 i	C 20 XE	1998	1996. 08 ~	VKMA 05220
	SAMARA (2108, 2109) - 1100	BA3 21081	1100	1988. 02 ~ 1994. 12	VKMA 08201
	SAMARA (2108, 2109) - 1100	BA3 21081	1099	1996. 02 ~	VKMA 08201
	SAMARA (2108, 2109) - 1300	BA3 2108	1288	1986. 01 ~ 1994. 12	VKMA 08201
	SAMARA (2108, 2109) - 1300	BA3 2108	1288	1991. 09 ~	VKMA 08201
	SAMARA (2108, 2109) - 1300	BA3 21115	1288	1996. 02 ~	VKMA 08201
	SAMARA (2108, 2109) - 1500	BA3 21083	1499	1988. 01 ~	VKMA 08201
	SAMARA (2108, 2109) - 1500	BA3 21083	1500	1991. 09 ~	VKMA 08201
	SAMARA (2108, 2109) - 1500	BA3 2111	1499	1995. 02 ~	VKMA 08201
	LANCIA	DEDRA (835) - 1.6 16V (835EI)	182 A4.000	1581	1996. 01 ~ 1999. 07
DEDRA (835) - 1.6 i.e. (835AA)		835 A1.000	1581	1989. 08 ~ 1994. 06	VKMA 02410
DEDRA (835) - 1.6 i.e. (835AB)		835 A1.046	1581	1989. 08 ~ 1993. 03	VKMA 02410
DEDRA (835) - 1.6 i.e. (835AN)		835 C1.000	1581	1993. 04 ~ 1999. 07	VKMA 02410
DEDRA (835) - 1.6 LE (835EB) CAT		159 B9.000	1581	1994. 07 ~ 1999. 07	VKMA 02410
DEDRA (835) - 1.8 16V LE (835FG)		182 A2.000	1747	1996. 03 ~ 1999. 07	VKMA 02277
DEDRA (835) - 1.8 GT 16V (835EH)		183 A1.000	1747	1996. 03 ~ 1999. 07	VKMA 02277
DEDRA (835) - 1.8 i.e. (835AC, 835BC)		835 A2.000	1756	1989. 09 ~ 1994. 06	VKMA 02227
DEDRA (835) - 1.8 i.e. (835BD, 835AD)		835 A2.046	1756	1989. 09 ~ 1994. 12	VKMA 02227
DEDRA (835) - 1.8 i.e. (835FA)		836 A5.000	1756	1994. 07 ~ 1999. 07	VKMA 02227
DEDRA (835) - 2.0 16V (835ED)		836 A3.000	1995	1994. 07 ~ 1999. 07	VKMA 02224
DEDRA (835) - 2.0 HF Integrale (835AP)		835 A7.046	1995	1990. 11 ~ 1994. 07	VKMA 02227
DEDRA (835) - 2.0 i.e. (835AI)		835 A5.000	1995	1989. 09 ~ 1992. 07	VKMA 02227
DEDRA (835) - 2.0 i.e. (835AL)		835 A5.046	1995	1989. 09 ~ 1999. 07	VKMA 02227
DEDRA (835) - 2.0 i.e. Turbo (835AR)		835 A8.046	1995	1991. 04 ~ 1999. 07	VKMA 02227
DEDRA (835) - 2.0 i.e. Turbo Integrale (835AO)		835 A7.000	1995	1990. 05 ~ 1994. 07	VKMA 02227
DEDRA (835) - 2.0 Turbo (835AQ)		835 A8.000	1995	1990. 11 ~ 1994. 06	VKMA 02227
DEDRA SW (835) - 1.6 (835EB)		159 B9.000	1581	1994. 10 ~ 1999. 07	VKMA 02410
DEDRA SW (835) - 1.6 16V (835EI)		182 A4.000	1581	1996. 01 ~ 1999. 07	VKMA 02242
DEDRA SW (835) - 1.8 16V LE (835FG)		182 A2.000	1747	1996. 03 ~ 1999. 07	VKMA 02277
DEDRA SW (835) - 1.8 GT 16V (835EH)		183 A1.000	1747	1996. 03 ~ 1999. 07	VKMA 02277
DEDRA SW (835) - 1.8 i.e. (835FA)		836 A5.000	1756	1994. 07 ~ 1999. 07	VKMA 02227
DEDRA SW (835) - 2.0 16V (835ED)		836 A3.000	1995	1994. 07 ~ 1999. 07	VKMA 02224
DEDRA SW (835) - 2.0 Integrale (835ED)		836 A3.000	1995	1994. 07 ~ 1999. 07	VKMA 02224
DELTA I (831AB0) - 1.1 (831AB.015)		831 B8.000	1116	1986. 01 ~ 1990. 12	VKMA 02101
DELTA I (831AB0) - 1.3 (831AB.011) (MOT:5782816)		831 B.000	1301	1986. 01 ~ 1992. 08	VKMA 02101



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		24410-27250	GTB0070					24810-27250	GT10520				
		24410-27250	GTB0070					24810-27250	GT10520				
		09158004	GTB0050					90411773	GT60580	09128738	GT90540		
2105-1006124	GT50930												
2105-1006124	GT50930												
2105-1006124	GT50930												
2105-1006124	GT50930												
2105-1006124	GT50930												
2105-1006124	GT50930												
2105-1006124	GT50930												
2105-1006124	GT50930												
		16108921 46416489						46400054	GT60540				
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
		55192239 60596372				55221253 60620443		60652129	GT50500				
		55192239 60596372				55221253 60620443		60652129	GT50500				
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
5997325	GT70450												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
5972277	GT80290												
		16108921 46416489						46400054	GT60540				
								60652129	GT50500				
								60652129	GT50500				
7541718	GT70440												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
LANCIA	DELTA I (831AB0) - 1.5 (831AB.025)	831 A1.000 / 831 B1.000	1498	1979. 09 ~ 1992. 12	VKMA 02111
	DELTA I (831AB0) - 1.5 (831AB.025) (MOT:5782816)	831 A1.000 / 831 B1.000	1498	1979. 09 ~ 1985. 12	VKMA 02111
	DELTA I (831AB0) - 1.6 GT i.e. (831AB.010)	149 C2.000	1585	1987. 05 ~ 1992. 08	VKMA 02005
	DELTA I (831AB0) - 1.6 GT i.e. (831AB.016)	831 B7.000	1585	1986. 08 ~ 1988. 08	VKMA 02005
	DELTA I (831AB0) - 1.6 HF Turbo	831 B3.000	1585	1986. 08 ~ 1993. 05	VKMA 02005
	DELTA I (831AB0) - 1.6 HF Turbo (831AB.020)	831 B3.000	1585	1986. 08 ~ 1988. 08	VKMA 02005
	DELTA I (831AB0) - 1.6 HF Turbo (831AB.020S)	831 B7.046	1585	1987. 04 ~ 1989. 03	VKMA 02005
	DELTA I (831AB0) - 2.0 16V HF Evo Integrale (831AB.027) (MOT:1039306)	831 E5.000 / 831 E5.046	1995	1993. 06 ~ 1994. 01	VKMA 02224
	DELTA I (831AB0) - 2.0 16V HF Integrale (831AB.026) (MOT:1036640)	831 D5.000	1995	1989. 03 ~ 1991. 09	
	DELTA I (831AB0) - 2.0 16V HF Integrale (831AB.026) (MOT:1039306)	831 D5.000	1995	1989. 03 ~ 1991. 09	VKMA 02224
	DELTA I (831AB0) - 2.0 HF Integrale (831AB.019)	831 B5.000	1995	1986. 11 ~ 1988. 08	VKMA 02227
	DELTA I (831AB0) - 2.0 HF Integrale (831AB.024)	831 C5.000	1995	1987. 10 ~ 1989. 02	VKMA 02227
	DELTA I (831AB0) - 2.0 HF Integrale (831AB.024S, 831AB.028)	831 C5.046	1995	1986. 12 ~ 1992. 12	VKMA 02227
	DELTA II (836) - 1.4 i.e. (836AF, 836AH)	160 A1.046 / 836 A4.000	1372	1994. 10 ~ 1999. 08	VKMA 02410
	DELTA II (836) - 1.6 i.e. (836AD)	835 C1.000	1581	1993. 06 ~ 1999. 08	VKMA 02410
	DELTA II (836) - 1.6 i.e. (836AP)	182 A6.000	1581	1996. 03 ~ 1999. 08	VKMA 02242
	DELTA II (836) - 1.6 i.e. (836AP)	182 A6.000	1581	1996. 03 ~ 1999. 08	VKMA 02242
	DELTA II (836) - 1.6 i.e. 16V (836AO)	182 A4.000	1581	1996. 01 ~ 1999. 08	VKMA 02242
	DELTA II (836) - 1.6 i.e. 16V (836AO)	182 A4.000	1581	1996. 01 ~ 1999. 08	VKMA 02242
	DELTA II (836) - 1.8		1747	1996. 02 ~ 1999. 09	VKMA 02227
	DELTA II (836) - 1.8 i.e. (836AE)	835 C2.000	1756	1993. 06 ~ 1999. 08	VKMA 02227
	DELTA II (836) - 1.8 i.e. (836AG, 836AL)	835 C4.000 / 836 A6.000 / 836 C4.000	1756	1994. 07 ~ 1999. 08	VKMA 02227
	DELTA II (836) - 1.8 i.e. 16V (836AQ)	182 A2.000	1747	1996. 03 ~ 1999. 08	VKMA 02177
	DELTA II (836) - 1.8 i.e. 16V GT (836AR)	183 A1.000	1747	1996. 03 ~ 1998. 04	VKMA 02177
	DELTA II (836) - 2.0	836 A3.000	1995	1994. 11 ~ 1998. 04	VKMA 02224
	DELTA II (836) - 2.0 16V (836AA, 836CA)	836 A3.000	1995	1993. 06 ~ 1999. 08	VKMA 02224
	DELTA II (836) - 2.0 16V Turbo (836AB)	836 A2.000	1995	1993. 06 ~ 1999. 08	VKMA 02224
	DELTA II (836) - 2.0 16V Turbo (836AS)	175 A4.000	1995	1996. 07 ~ 1999. 08	VKMA 02224
	KAPPA (838A) - 2.0 16V Turbo (838AB1AA)	838 A4.000	1995	1995. 02 ~ 2001. 10	VKMA 02224
	KAPPA (838A) - 2.0 20V (838AA1AA)	838 A1.000	1998	1994. 10 ~ 2001. 10	VKMA 02172
	KAPPA (838A) - 2.0 20V (838AG1AA, 838AG11A)	838 A6.000	1998	1996. 07 ~ 2001. 10	VKMA 02172
	KAPPA (838A) - 2.0 20V Turbo (838AM1AA)	175 A3.000	1998	1998. 06 ~ 2001. 10	VKMA 02172
	KAPPA (838A) - 2.4 20V (838AC1AA, 838AC11A)	838 A2.000 / 838 A2.027	2446	1994. 08 ~ 2001. 10	VKMA 02178
	KAPPA Coupe (838) - 2.0 16V Turbo (838CB)	838 A4.000	1995	1996. 11 ~ 2001. 03	VKMA 02224
KAPPA Coupe (838) - 2.0 20V	838 A6.000	1998	1996. 07 ~ 2001. 03	VKMA 02172	
KAPPA Coupe (838) - 2.0 20V Turbo (838CM)	175 A3.000	1998	1998. 06 ~ 2001. 03	VKMA 02172	
KAPPA Coupe (838) - 2.4 20V (838CC)	838 A2.000	2446	1996. 11 ~ 2001. 03	VKMA 02178	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
5997325	GT70450												
5997325	GT70450												
5956109	GT70430												
5956109	GT70430												
5956109	GT70430												
5956109	GT70430												
5956109	GT70430												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
5972277	GT80290												
5972277	GT80290												
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
7541718	GT70440												
7541718	GT70440												
7541718	GT70440												
		55192239						60652129	GT50500				
		60596372											
		55192239						60652129	GT50500				
		60596372											
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
5997325	GT70450												
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
LANCIA	KAPPA SW (838B) - 2.0 16V Turbo (838BB1AA)	838 A4.000	1995	1996. 07 ~ 2001. 10	VKMA 02224
	KAPPA SW (838B) - 2.0 20V (838BG1AA)	838 A6.000	1998	1996. 07 ~ 2001. 10	VKMA 02172
	KAPPA SW (838B) - 2.0 20V Turbo (838BM1AA)	175 A3.000	1998	1998. 06 ~ 2001. 10	VKMA 02172
	KAPPA SW (838B) - 2.4 20V (838BC1AA, 838BC11A)	838 A2.000	2446	1996. 07 ~ 2001. 10	VKMA 02178
	LYBRA (839AX) - 1.6 16V (839AXA1A)	182 A4.000	1581	1999. 07 ~ 2005. 10	VKMA 02242
	LYBRA (839AX) - 1.6 16V (839AXA1A)	182 A4.000 / 182 B6.000	1581	1999. 07 ~ 2005. 10	VKMA 02242
	LYBRA (839AX) - 1.8 16V (839AXB1A, 839AXG1A)	839 A4.000 / 839 A7.000 / 839 A9.000	1747	1999. 07 ~ 2005. 10	VKMA 02183
	LYBRA (839AX) - 1.8 16V (839AXB1A, 839AXG1A)	839 A4.000 / 839 A7.000 / 839 A9.000	1747	1999. 07 ~ 2005. 10	VKMA 02183
	LYBRA (839AX) - 1.9 JTD	937 A2.000	1910	2001. 05 ~ 2003. 05	VKMA 02176
	LYBRA (839AX) - 1.9 JTD (839AXD1A)	AR 32302	1910	1999. 07 ~ 2000. 09	VKMA 02176
	LYBRA (839AX) - 1.9 JTD (839AXI1A)	AR 37101	1910	2000. 09 ~ 2001. 05	VKMA 02176
	LYBRA (839AX) - 2.0 20V (839AXC11, 839AXC1A) (CF2)	182 B7.000	1998	1999. 07 ~ 2000. 09	VKMA 02172
	LYBRA (839AX) - 2.0 20V (839AXC11, 839AXC1A) (CF3)	182 B7.000	1998	1999. 07 ~ 2000. 09	VKMA 02185
	LYBRA (839AX) - 2.0 20V (839AXH1A) (CF2)	185 A8.000	1998	2000. 09 ~ 2005. 10	VKMA 02172
	LYBRA (839AX) - 2.0 20V (839AXH1A) (CF3)	185 A8.000	1998	2000. 09 ~ 2005. 10	VKMA 02185
	LYBRA (839AX) - 2.4 20V	192 A2.000	2446	2001. 10 ~ 2005. 10	VKMA 02178
	LYBRA (839AX) - 2.4 JTD	841 C.000	2387	2002. 05 ~ 2005. 10	VKMA 02176
	LYBRA (839AX) - 2.4 JTD (839AXE1A)	839 A5.000 / AR 32501	2387	1999. 07 ~ 2001. 02	VKMA 02176
	LYBRA (839AX) - 2.4 JTD (839AXL1A)	839 A6.000	2387	2000. 09 ~ 2002. 05	VKMA 02176
	LYBRA SW (839BX) - 1.6 16V (839BXA1A)	182 A4.000	1581	1999. 07 ~ 2005. 10	VKMA 02242
	LYBRA SW (839BX) - 1.6 16V (839BXA1A)	182 A4.000 / 182 B6.000	1581	1999. 07 ~ 2005. 10	VKMA 02242
	LYBRA SW (839BX) - 1.8 16V (839BXB1A, 839BXG1A)	839 A4.000 / 839 A7.000	1747	1999. 07 ~ 2005. 10	VKMA 02283
	LYBRA SW (839BX) - 1.8 16V (839BXB1A, 839BXG1A)	839 A4.000 / 839 A7.000	1747	1999. 07 ~ 2005. 10	VKMA 02283
	PRISMA (831AB0) - 1.3 (MOT:5782816)	831 A2.000	1301	1983. 01 ~ 1986. 12	VKMA 02101
	PRISMA (831AB0) - 1.5 (MOT:5782816)	138 C2.048 / 831 B1.048	1498	1985. 09 ~ 1989. 12	VKMA 02111
	PRISMA (831AB0) - 1.5 (MOT:5782816)	831 B1.000	1498	1986. 08 ~ 1989. 12	VKMA 02111
	PRISMA (831AB0) - 1.5 (MOT:5782816)	831 A1.000	1498	1983. 01 ~ 1986. 04	VKMA 02111
	PRISMA (831AB0) - 1.6	831 B6.000	1585	1987. 01 ~ 1989. 12	VKMA 02005
	PRISMA (831AB0) - 1.6 i.e.	831 B7.000	1585	1987. 01 ~ 1989. 12	VKMA 02005
	PRISMA (831AB0) - 1.6 i.e. Super	149 C2.000	1585	1987. 05 ~ 1989. 12	VKMA 02005
	PRISMA (831AB0) - 2.0 i.e. All-wheel Drive	831 B4.000	1995	1986. 04 ~ 1989. 12	VKMA 02227
	THEMA (834) - 2000 16V (834FA)	834 F1.000	1995	1992. 08 ~ 1993. 12	VKMA 02224
	THEMA (834) - 2000 16V Turbo (834AC) (MOT:1036641)	834 C1.000	1995	1989. 11 ~ 1990. 06	VKMA 02224
THEMA (834) - 2000 16V Turbo (834GC, 834FC)	834 F2.000	1995	1992. 10 ~ 1994. 07	VKMA 02224	
THEMA (834) - 2000 i.e (834AB)	834 B1.000	1995	1988. 09 ~ 1992. 05	VKMA 02227	
THEMA (834) - 2000 i.e. (834B) (MOT:570151)	834 B.000	1995	1984. 11 ~ 1988. 09		
THEMA (834) - 2000 i.e. (834B) (MOT:570152)	834 B.000	1995	1984. 11 ~ 1988. 09	VKMA 02227	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
5997325	GT70450												
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		55192240						60652129	GT50500				
		60652477											
		55192240						60652129	GT50500				
		60652477											
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		55192773						60813590	GT60550				
		7772961											
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		55183527						60813590	GT60550				
		55191315											
		16108921						46400054	GT60540				
		46416489											
		16108921						46400054	GT60540				
		46416489											
		55192240				55221253		60652129	GT50500				
		60652477				60620443							
		55192240				55221253		60652129	GT50500				
		60652477				60620443							
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
5956109	GT70430												
5956109	GT70430												
5956109	GT70430												
7541718	GT70440												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
7541718	GT70440												
5956109	GT70430												
7541718	GT70440												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
LANCIA	THEMA (834) - 2000 i.e. (834BV)	834 B.146	1995	1987. 09 ~ 1992. 05	VKMA 02227
	THEMA (834) - 2000 i.e. (MOT:570151)	834 B.048	1995	1986. 03 ~ 1988. 09	
	THEMA (834) - 2000 i.e. (MOT:570152)	834 B.048	1995	1986. 03 ~ 1988. 09	VKMA 02227
	THEMA (834) - 2000 i.e. 16V (834AA) (MOT:1036641)	834 B2.000	1995	1988. 05 ~ 1992. 08	VKMA 02224
	THEMA (834) - 2000 i.e. 16V (834AI) (MOT:1036641)	834 B2.246	1995	1989. 02 ~ 1992. 05	VKMA 02224
	THEMA (834) - 2000 i.e. 16V Turbo (834AL) (MOT:1036641)	834 C1.246	1995	1989. 04 ~ 1992. 05	VKMA 02224
	THEMA (834) - 2000 i.e. Turbo (834C)	834 C.000	1995	1984. 11 ~ 1987. 12	VKMA 02227
	THEMA (834) - 2000 i.e. Turbo (834CV)	834 C.146	1995	1986. 07 ~ 1990. 05	VKMA 02227
	THEMA SW (834) - 2000 16V (834FA)	834 F1.000	1995	1992. 05 ~ 1994. 07	VKMA 02224
	THEMA SW (834) - 2000 i.e. 16V (834AA) (MOT:1036641)	834 B2.000	1995	1989. 05 ~ 1989. 10	VKMA 02224
	THEMA SW (834) - 2000 i.e. 16V (834AI) (MOT:1036641)	834 B2.246	1995	1989. 02 ~ 1989. 10	VKMA 02224
	THEMA SW (834) - 2000 i.e. 16V Turbo (834AC) (MOT:1036641)	834 C1.000	1995	1988. 12 ~ 1989. 11	VKMA 02224
	THEMA SW (834) - 2000 i.e. 16V Turbo (834AL) (MOT:1036641)	834 C1.246	1995	1989. 11 ~ 1992. 12	VKMA 02224
	THEMA SW (834) - 2000 Turbo	834 C.146	1995	1989. 01 ~ 1992. 03	VKMA 02227
	THEMA SW (834) - 2000 Turbo 16V (834GC, 834FC)	834 F2.000	1995	1992. 11 ~ 1994. 07	VKMA 02224
	THESIS (841AX) - 2.0 Turbo (841AXA1B03)	841 E.000	1998	2002. 07 ~ 2009. 07	VKMA 02185
	THESIS (841AX) - 2.4 (841AXB1B00)	841 D.000	2446	2002. 07 ~ 2009. 07	VKMA 02178
	THESIS (841AX) - 2.4 D Multijet	841 P.000	2387	2006. 04 ~ 2009. 07	VKMA 02195
	THESIS (841AX) - 2.4 JTD	841 G.000	2387	2003. 05 ~ 2009. 07	VKMA 02191
	THESIS (841AX) - 2.4 JTD (841AXD1B02)	841 C.000	2387	2002. 07 ~ 2009. 07	VKMA 02176
	THESIS (841AX) - 2.4 JTD 20V	841 M.000 / 841 N.000	2387	2003. 09 ~ 2009. 07	VKMA 02191
	Y (840A) - 1.1 (840AE) (MOT:9042883)	176 B2.000	1108	1995. 11 ~ 2003. 09	VKMA 02200
	Y (840A) - 1.1 (840AE) (MOT:9042884)	176 B2.000	1108	1995. 11 ~ 2003. 09	VKMA 02210
	Y (840A) - 1.2 (840AA, 840AF1A) (MOT:9042883)	840 A3.000	1242	1996. 03 ~ 2003. 09	VKMA 02201
	Y (840A) - 1.2 (840AA, 840AF1A) (MOT:9042884)	840 A3.000	1242	1996. 03 ~ 2003. 09	VKMA 02203
	Y10 (156) - 1.0 Fire	156 A2.000	999	1985. 03 ~ 1990. 02	VKMA 02200
	Y10 (156) - 1.0 Fire (156AA)	156 A2.000	999	1985. 03 ~ 1989. 06	VKMA 02200
	Y10 (156) - 1.0 Fire (156AE) CAT	156 A2.246	999	1987. 10 ~ 1992. 02	VKMA 02200
	Y10 (156) - 1.0 Fire (156B, 156AD)	156 A2.100	999	1985. 06 ~ 1991. 06	VKMA 02200
	Y10 (156) - 1.0 Fire All-wheel Drive	156 A2.100	999	1986. 12 ~ 1989. 02	VKMA 02200
	Y10 (156) - 1.0 Fire All-wheel Drive (156AE)	156 A2.246	999	1987. 12 ~ 1992. 02	VKMA 02200
	Y10 (156) - 1.1 Avenue (156AG)	176 B2.000	1108	1995. 01 ~ 1995. 12	VKMA 02200
	Y10 (156) - 1.1 Avenue All-wheel Drive (156AG)	176 B2.000	1108	1995. 01 ~ 1995. 12	VKMA 02200
	Y10 (156) - 1.1 i.e (156AC)	156 C.000	1108	1989. 08 ~ 1992. 06	VKMA 02200
	Y10 (156) - 1.1 i.e All-wheel Drive (156AC)	156 C.000	1108	1989. 08 ~ 1992. 06	VKMA 02200
	Y10 (156) - 1.1 i.e. Fire (156AG)	156 C.046	1108	1989. 07 ~ 1995. 09	VKMA 02200
	Y10 (156) - 1.1 i.e. Fire All-wheel Drive (156AG)	156 C.046	1108	1992. 09 ~ 1995. 12	VKMA 02200



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
7541718	GT70440												
5956109	GT70430												
7541718	GT70440												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
7541718	GT70440												
7541718	GT70440												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
5997325	GT70450												
7541718	GT70440												
5997325	GT70450												
		55192773						60813590		GT60550			
		7772961											
		55192773						60813590		GT60550			
		7772961											
		55183527						60813590		GT60550			
		55191315											
		55183527						60813590		GT60550			
		55191315											
		55183527						60813590		GT60550			
		55191315											
		55183527						60813590		GT60550			
		55191315											
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
LANCIA	Y10 (156) - 1.3 i.e. Fire (156AB)	156 B.000	1301	1992. 03 ~ 1993. 05	
	Y10 (156) - 1.3 i.e. Fire (156AF)	146 A 5.046 / 156 B.000	1297	1992. 03 ~ 1995. 12	
	YPSILON (843) - 1.2 (MOT:2533528)	188 A4.000	1242	2003.10 ~ 2011. 12	VKMA 02203
	ZETA (220) - 2.0 Turbo (220AD5, 220CD5)	RGX	1998	1995. 05 ~ 2002. 09	VKMA 03201
	ZETA (220) - 2.1 TD (220AJ5)	P 8 C	2088	1996. 05 ~ 1999. 09	VKMA 03251
	DEDRA (835) - 1.6 16V (835EI) ALT	182 A4.000	1581	1996. 01 ~ 1999. 07	
	DEDRA (835) - 1.9 TDS (835EE, 835EF) ALT	160 D1.000 / 835 A4.000 / 835 A4.046	1929	1989. 04 ~ 199. 07	
	DEDRA SW (835) - 1.9 TDS (835EE, 835EF) ALT	160 D1.000 / 835 A4.000	1929	1994. 07 ~ 1999. 07	
	DELTA II (836) - 1.4 i.e. (836AF, 836AH)	160 A1.046 / 836 A4.000	1372	1994. 10 ~ 1999. 08	
	DELTA II (836) - 1.6 i.e. (836AD)	835 C1.000	1581	1993 06 ~ 1999. 08	
	DELTA II (836) - 1.9 TD (836AM, 836AN)	160 D1.000 / 835 A4.000	1929	1994. 10 ~ 1999. 08	
	LYBRA (839AX) - 1.6 16V (839AXA1A)	182 A4.000	1581	1999. 07 ~ 2000. 02	
	LYBRA (839AX) - 2.0 20V (839AXC11, 839AXC1A)	182 B7.000	1998	1999. 07 ~ 2000. 09	
	LYBRA (839AX) - 2.0 20V (839AXH1A)	185 A8.000	1998	2000. 09 ~ 2005. 10	
	LYBRA (839AX) - 2.4 20V	192 A2.000	2446	2001. 10 ~ 2005. 10	
	LYBRA SW (839BX) - 2.0 20V (839BXC11, 839BXC1A)	182 B7.000	1998	1999. 07 ~ 2000. 09	
LYBRA SW (839BX) - 2.0 20V (839BXH1A)	185 A8.000	1998	2000. 09 ~ 2005. 10		
LAND ROVER	FREELANDER (LN) - 1.8 16V 4x4	18 K4F	1796	2000. 11 ~ 2006. 10	VKMA 07312
	FREELANDER (LN) - 1.8 i 16V 4x4	18 K4F	1796	1998. 02 ~ 2000. 11	VKMA 07312
	FREELANDER Soft Top - 1.8 i 16V 4x4	18 K4F	1796	1998. 02 ~ 2006. 10	VKMA 07312
LEXUS	ES (F1, F2) - 300	3VZ-FE	2959	1991. 09 ~ 1997. 12	VKMA 91001
	GS (GRS19_, UZS19_, GWS19_) - 4.3 VTi	3UZ-FE	4293	2005. 04 ~ 2008. 09	VKMA 91707
	GS (GRS19_, UZS19_, GWS19_) - 430	3UZ-FE	4293	2005. 04 ~ 2008. 09	VKMA 91707
	GS (JZS147) - 300	2JZ-GE	2997	1993. 03 ~ 1997. 08	VKMA 91017
	GS (UZS161, JZS160) - 300	2JZ-GE	2997	2000. 10 ~ 2005. 01	VKMA 91017
	GS (UZS161, JZS160) - 300 T3	2JZ-GE	2997	1997. 08 ~ 2000. 10	VKMA 91017
	GS (UZS161, JZS160) - 430	3UZ-FE	4293	2000. 11 ~ 2005. 03	VKMA 91707
	IS I (JCE1_, GXE1_) - 300	2JZ-GE	2997	2001. 09 ~ 2005. 07	VKMA 91017
	IS SportCross - 300	2JZ-GE	2997	2001. 10 ~ 2005. 07	VKMA 91017
	LS (UCF10) - 400	1UZ-FE	3969	1989. 12 ~ 1994. 12	
	LS (UCF20) - 400	1UZ-FE	3969	1994. 12 ~ 1997. 08	
	LS (UCF20) - 400	1UZ-FE	3969	1998. 09 ~ 2000. 08	VKMA 91707
	LS (UCF20) - 400	1UZ-FE	3969	1997. 09 ~ 2000. 10	VKMA 91707
	LS (UCF20) - 400	1UZ-FE	3969	1997. 10 ~ 2000. 07	VKMA 91707
	LS (UCF30) - 430	3UZ-FE	4293	2000. 10 ~ 2006. 08	VKMA 91707
RX (MCU15) - 300	1MZ-FE	2995	2000. 07 ~ 2003. 03	VKMA 91011	
RX (MCU15) - 300 AWD	1MZ-FE	2995	2000. 10 ~ 2003. 05	VKMA 91011	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
5972277	GT80290												
5972277	GT80290												
5972277	GT80290												
0829.19	GT80260												
9400818199	GT60320							9400830379					
								60812645	GT60680				
								60812645	GT60680				
								60812645	GT60680				
								60812645	GT60680				
								60812645	GT60680				
								60812645	GT60680				
								60812645	GT60680				
46441096	GT70820							46547564					
46441096	GT70820							46547564					
46441096	GT70820							46547564					
46441096	GT70820							46547564					
46441096	GT70820							46547564					
LHP10015L	GT60310												
LHP10015L	GT60310												
LHP10015L	GT60310												
13505-20010	GT80680												
13505-50030								13503-50010	GT90050				
13505-50030								13503-50010	GT90050				
13505-46041	GT90830												
13505-46041	GT90830												
13505-46041	GT90830												
13505-50030								13503-50010	GT90050				
13505-46041	GT90830												
13505-46041	GT90830												
								13503-50010	GT90050				
								13503-50010	GT90050				
13505-50030								13503-50010	GT90050				
13505-50030								13503-50010	GT90050				
13505-50030								13503-50010	GT90050				
13505-50030								13503-50010	GT90050				
13505-20010	GT80680							13503-62030	GT80540				
13505-20010	GT80680							13503-62030	GT80540				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
LEXUS	RX (MHU3_ G3U3_ MCU3_) - 3.3	3MZ-FE	3311	2003.04 ~ 2006.01	VKMA 91304
	RX (MHU3_ G3U3_ MCU3_) - 3.3 AWD	3MZ-FE	3311	2003.04 ~ 2006.01	VKMA 91304
	RX (MHU3_ G3U3_ MCU3_) - 300	1MZ-FE	2995	2003.05 ~ 2006.01	VKMA 91304
	RX (MHU3_ G3U3_ MCU3_) - 400h	3MZ-FE	3311	2005.09 ~ 2008.12	VKMA 91304
	RX (MHU3_ G3U3_ MCU3_) - 400h AWD	3MZ-FE	3311	2005.03 ~ 2008.12	VKMA 91304
	SC (UZZ40_) - 430	3UZ-FE	4293	2001.05 ~ 2010.07	VKMA 91707
LEYLAND DAF	CUB - 2.3 D	LD23	2283	1998.08 ~ 2001.09	
LOTUS	ELISE - 1.8 16V M VCC	18 K4F	1796	1995.08 ~ 1998.08	VKMA 07310
	ELISE - 1.8 M VCC	18 K4F	1796	2000.11 ~ 2005.08	VKMA 07310
MAZDA	121 I (DA) - 1.1	B1	1139	1987.10 ~ 1988.12	VKMA 94101
	121 I (DA) - 1.1	B1	1139	1987.10 ~ 1990.10	VKMA 94102
	121 I (DA) - 1.3	B3	1324	1989.04 ~ 1990.10	VKMA 94102
	121 I (DA) - 1.3	B3	1324	1987.10 ~ 1988.12	VKMA 94101
	121 II (DB) - 1.1	B1	1138	1990.11 ~ 1993.10	VKMA 94102
	121 II (DB) - 1.3 16V	B3	1324	1990.11 ~ 1996.03	VKMA 94102
	121 II (DB) - 1.3 i 16V	B3	1324	1990.11 ~ 1996.03	VKMA 94102
	121 III (JASM, JBSM) - 1.3	JJK / JJM	1299	1996.03 ~ 1999.05	VKMA 94102
	2 (DE) - 1.6 MZ-CD		1560	2008.10 ~ 2009.10	VKMA 03259
	2 (DY) - 1.4 CD	F6	1399	2003.04 ~ 2007.05	VKMA 03140
	3 (BK) - 2.0 MZR-CD	RF	1998	2006.12 ~ 2008.11	VKMA 94620
	3 Saloon (BK) - 1.6 DI Turbo	Y601	1560	2004.06 ~ 2006.04	VKMA 03259
	3 Saloon (BK) - 2.0 MZR-CD	RF	1998	2006.12 ~ 2008.11	VKMA 94620
	323 C IV (BG) - 1.3	B3	1324	1989.09 ~ 1994.07	VKMA 94102
	323 C IV (BG) - 1.3 16V	B3	1324	1989.09 ~ 1994.07	VKMA 94102
	323 C IV (BG) - 1.6	B6	1598	1989.09 ~ 1991.06	VKMA 94102
	323 C IV (BG) - 1.6 16V	B6	1598	1991.03 ~ 1994.10	VKMA 94102
	323 C IV (BG) - 1.8 16V 4WD SOHC	BPE	1840	1991.11 ~ 1993.12	VKMA 94102
	323 C IV (BG) - 1.8 16V GT DOHC	BP	1840	1989.09 ~ 1993.03	VKMA 94201
	323 C V (BA) - 1.3 16V	B3	1324	1994.08 ~ 1998.09	VKMA 94102
	323 C V (BA) - 1.5 16V	Z5	1489	1994.08 ~ 1997.09	VKMA 94609
	323 C V (BA) - 1.8 16V	BP	1840	1994.08 ~ 1998.09	VKMA 94201
	323 F IV (BG) - 1.6	B6	1598	1989.09 ~ 1991.06	VKMA 94102
	323 F IV (BG) - 1.6 16V	B6	1598	1991.03 ~ 1994.10	VKMA 94102
	323 F IV (BG) - 1.8 16V DOHC	BP	1840	1989.08 ~ 1994.07	VKMA 94201
	323 F IV (BG) - 1.8 16V GT DOHC	BP	1840	1989.08 ~ 1994.07	VKMA 94201
	323 F IV (BG) - 1.8 16V SOHC	BPE	1840	1989.08 ~ 1994.07	VKMA 94102
	323 F V (BA) - 1.5 16V	Z5	1489	1994.07 ~ 1997.09	VKMA 94609





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-20030	GT60630							13503-62030	GT80540				
13505-20030	GT60630							13503-62030	GT80540				
13505-20030	GT60630							13503-62030	GT80540				
13505-20030	GT60630							13503-62030	GT80540				
13505-20030	GT60630							13503-62030	GT80540				
13505-50030								13503-50010	GT90050				
13070-05E00	GT80770												
CDU 3558	GT60310												
CDU 3558	GT60310												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
		Y401-12-770	GTB0200					Y401-12-730	GT30500				
		Y401-12-770	GTB0200					Y401-12-730	GT30500				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
		Y401-12-770	GTB0200					Y401-12-730	GT30500				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B660-12-700A	GT20050							B660-12-730	GT20060				
B630-12-700B	GT20040												
B660-12-700A	GT20050							B660-12-730	GT20060	Z501-12-730	GT80980		
B660-12-700A	GT20050							B660-12-730	GT20060				
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B630-12-700B	GT20040												
B660-12-700A	GT20050							B660-12-730	GT20060	Z501-12-730	GT80980		

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MAZDA	323 F V (BA) - 1.8 16V	BP	1840	1994. 08 ~ 1998. 09	VKMA 94201
	323 F V (BA) - 2.0 24V	KF	1995	1994. 08 ~ 1998. 09	VKMA 94000
	323 F VI (BJ) - 1.5 16V	ZL	1498	1998. 09 ~ 2000. 11	VKMA 94610
	323 F VI (BJ) - 1.6	ZM	1598	2001. 01 ~ 2004. 05	VKMA 94610
	323 F VI (BJ) - 1.8 Astina	FP	1840	1998. 09 ~ 2004. 05	VKMA 94012
	323 F VI (BJ) - 2.0 TD	RF	1998	1989. 09 ~ 2001. 01	VKMA 94612
	323 F VI (BJ) - 2.0 TD	RF	1998	2001. 01 ~ 2004. 05	VKMA 94612
	323 III Hatchback (BF) - 1.3	E3	1296	1987. 04 ~ 1987. 12	VKMA 94101
	323 III Hatchback (BF) - 1.4	B3	1324	1987. 09 ~ 1989. 01	VKMA 94101
	323 III Hatchback (BF) - 1.5	B5	1490	1987. 04 ~ 1989. 05	VKMA 94101
	323 III Hatchback (BF) - 1.5	B5	1498	1987. 09 ~ 1989. 10	VKMA 94101
	323 III Hatchback (BF) - 1.5 i	B5	1490	1987. 04 ~ 1989. 05	VKMA 94101
	323 III Hatchback (BF) - 1.6	B6	1597	1987. 09 ~ 1989. 10	VKMA 94101
	323 III Hatchback (BF) - 1.6 GT	B6	1597	1987. 09 ~ 1989. 10	VKMA 94101
	323 III Hatchback (BF) - 1.6 GT Turbo (BF1)	B6	1598	1987. 04 ~ 1993. 08	VKMA 94101
	323 III Hatchback (BF) - 1.6 GT Turbo 4WD (BF2)	B6	1598	1987. 10 ~ 1991. 11	VKMA 94101
	323 P V (BA) - 1.3 16V	B3	1324	1996. 10 ~ 2000. 09	VKMA 94102
	323 P V (BA) - 1.5 16V	Z5	1489	1996. 10 ~ 1997. 09	VKMA 94609
	323 S IV (BG) - 1.3	B3	1324	1989. 09 ~ 1991. 06	VKMA 94102
	323 S IV (BG) - 1.3 16V	B3	1324	1991. 04 ~ 1994. 07	VKMA 94102
	323 S IV (BG) - 1.6	B6	1598	1989. 09 ~ 1991. 06	VKMA 94102
	323 S IV (BG) - 1.6 16V	B6	1598	1989. 08 ~ 1994. 10	VKMA 94102
	323 S IV (BG) - 1.8 16V DOHC	BP	1840	1989. 08 ~ 1994. 07	VKMA 94201
	323 S IV (BG) - 1.8 16V GT DOHC	BP	1840	1989. 06 ~ 1994. 07	VKMA 94201
	323 S IV (BG) - 1.8 16V SOHC	BPE	1840	1989. 08 ~ 1994. 07	VKMA 94102
	323 S IV (BG) - 1.8 16V Turbo 4WD SOHC	BPE	1840	1991. 01 ~ 1994. 07	VKMA 94102
	323 S V (BA) - 1.3 16V	B3	1324	1994. 08 ~ 1998. 09	VKMA 94102
	323 S V (BA) - 1.5 16V	Z5	1489	1994. 08 ~ 1997. 09	VKMA 94609
	323 S V (BA) - 1.6	B6	1598	1997. 02 ~ 1998. 09	VKMA 94201
	323 S V (BA) - 1.8 16V	BP	1840	1994. 08 ~ 1998. 09	VKMA 94201
	323 S VI (BJ) - 1.5	ZL	1498	1998. 05 ~ 2000. 11	VKMA 94610
	323 S VI (BJ) - 1.6	ZM	1598	2001. 01 ~ 2004. 05	VKMA 94610
	323 S VI (BJ) - 1.6	ZM	1598	1998. 09 ~ 2001. 02	VKMA 94610
323 S VI (BJ) - 1.8 Protégé	FP	1840	1998. 05 ~ 2004. 05	VKMA 94012	
323 S VI (BJ) - 2.0	FS	1991	2000. 02 ~ 2004. 05	VKMA 94010	
323 S VI (BJ) - 2.0 DiTD	RF	1998	2000. 10 ~ 2002. 10	VKMA 94612	
323 S VI (BJ) - 2.0 TD	RF	1998	1998. 09 ~ 2004. 05	VKMA 94612	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
B660-12-700A	GT20050							B660-12-730	GT20060				
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
FP01-12-700								FS01-12-730A	GT80040				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B660-12-700A	GT20050							B660-12-730	GT20060	Z501-12-730	GT80980		
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B660-12-700A	GT20050							B660-12-730	GT20060	Z501-12-730	GT80980		
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
FP01-12-700								FS01-12-730A	GT80040				
		FS01-12-700A						FS01-12-730A	GT80040				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MAZDA	5 (CR19) - 2.0 CD	RF	1998	2005. 03 ~ 2010. 05	VKMA 94620
	5 (CR19) - 2.0 CD	RF	1998	2005. 06 ~ 2010. 05	VKMA 94620
	6 (GG) - 2.0 DI	RF	1998	2002. 08 ~ 2005. 03	VKMA 94619
	6 (GG) - 2.0 DI	RF	1998	2002. 06 ~ 2005. 03	VKMA 94619
	6 (GH) - 2.0 MZR-CD	RF	1998	2007. 08 ~	VKMA 94620
	6 Estate (GH) - 2.0 MZR-CD	RF	1998	2008. 02 ~	VKMA 94620
	6 Hatchback (GG) - 2.0 DI	RF	1998	2002. 08 ~ 2005. 03	VKMA 94619
	6 Hatchback (GH) - 2.0 MZR-CD	RF	1998	2007. 08 ~	VKMA 94620
	6 Station Wagon (GY) - 2.0 DI	RF	1998	2002. 08 ~ 2005. 03	VKMA 94620
	6 Station Wagon (GY) - 2.0 DI	RF	1998	2005. 06 ~ 2007. 07	VKMA 94620
	626 II (GC) - 1.6	F6	1587	1982. 11 ~ 1987. 06	
	626 II (GC) - 2.0	FE	1998	1986. 11 ~ 1987. 09	VKMA 94007
	626 II (GC) - 2.0	FE	1998	1983. 03 ~ 1987. 09	VKMA 94007
	626 II (GC) - 2.0	FE	1998	1986. 01 ~ 1987. 09	VKMA 94007
	626 II (GC) - 2.0 D	RF	1998	1983. 12 ~ 1986. 12	
	626 II Hatchback (GC) - 1.6	F6	1587	1985. 07 ~ 1986. 12	
	626 II Hatchback (GC) - 2.0	FE	1998	1985. 01 ~ 1987. 09	VKMA 94007
	626 II Hatchback (GC) - 2.0	FE	1998	1983. 03 ~ 1987. 09	VKMA 94007
	626 II Hatchback (GC) - 2.0	FE	1998	1986. 01 ~ 1987. 09	VKMA 94007
	626 II Hatchback (GC) - 2.0 D	RF	1998	1984. 03 ~ 1986. 12	
	626 III (GD) - 1.6	F6	1597	1987. 06 ~ 1992. 05	VKMA 94600
	626 III (GD) - 1.8	F8	1789	1987. 11 ~ 1992. 05	VKMA 94600
	626 III (GD) - 2.0 D	RF-N / RF	1998	1987. 07 ~ 1991. 07	VKMA 94310
	626 III Coupe (GD) - 2.0 16V DOHC	FEK	1998	1987. 12 ~ 1990. 10	VKMA 94601
	626 III Coupe (GD) - 2.0 8V DOHC	FEK	1998	1987. 09 ~ 1990. 10	VKMA 94601
	626 III Hatchback (GD) - 2.0 12V SOHC	FE	1998	1987. 11 ~ 1992. 05	VKMA 94230
	626 III Hatchback (GD) - 2.0 16V DOHC	FEK	1998	1987. 11 ~ 1990. 10	VKMA 94601
	626 III Hatchback (GD) - 2.0 8V SOHC	FE	1998	1987. 09 ~ 1990. 10	VKMA 94230
	626 III Hatchback (GD) - 2.0 D	RF-N / RF	1998	1987. 07 ~ 1991. 07	VKMA 94310
	626 III Hatchback (GD) - 2.0 DOHC	FEK	1998	1987. 09 ~ 1990. 10	VKMA 94601
	626 III Hatchback (GD) - 2.2 12V	F2	2184	1988. 06 ~ 1992. 04	VKMA 94222
	626 III Hatchback (GD) - 2.2 12V 4WD	F2	2184	1987. 11 ~ 1990. 07	VKMA 94222
	626 III Station Wagon (GV) - 1.8 12V	F8	1789	1988. 01 ~ 1992. 03	VKMA 94600
626 III Station Wagon (GV) - 2.0 12V SOHC	FE	1998	1987. 09 ~ 1990. 01	VKMA 94230	
626 III Station Wagon (GV) - 2.0 16V DOHC	FEK	1998	1988. 01 ~ 1992. 03	VKMA 94601	
626 III Station Wagon (GV) - 2.0 8V SOHC	FE	1998	1988. 10 ~ 1997. 09	VKMA 94230	
626 III Station Wagon (GV) - 2.0 D	RF-N / RF	1998	1988. 09 ~ 1991. 07	VKMA 94310	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
F805-12-700A	GT80970												
F805-12-700A	GT80970												
F805-12-700A	GT80970												
F805-12-700A	GT80970												
RF03-12-720	GT60790												
F805-12-700A	GT80970												
F805-12-700A	GT80970												
F805-12-700A	GT80970												
F805-12-700A	GT80970												
F805-12-700A	GT80970												
RF03-12-720	GT60790												
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
RF71-12-700C								RF71-12-730A	GT60180				
FE1H-12-700A	GT20010							FE3N-12-730	GT20030				
FE1H-12-700A	GT20010							FE3N-12-730	GT20030				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE3N-12-730	GT20030				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
RF71-12-700C								RF71-12-730A	GT60180				
FE1H-12-700A	GT20010							FE3N-12-730	GT20030				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE3N-12-730	GT20030				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
RF71-12-700C								RF71-12-730A	GT60180				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MAZDA	626 III Station Wagon (GV) - 2.0 D	RF	1998	1994. 11 ~ 1997. 09	VKMA 94310
	626 III Station Wagon (GV) - 2.0 D Comprex	RF-CX / RF	1998	1993. 05 ~ 1996. 11	VKMA 94310
	626 III Station Wagon (GV) - 2.0 i 16V DOHC	FEK	1998	1994. 11 ~ 1997. 09	VKMA 94601
	626 III Station Wagon (GV) - 2.0 i 16V SOHC	FE	1998	1994. 11 ~ 1997. 09	VKMA 94230
	626 III Station Wagon (GV) - 2.2 12V	F2	2184	1989. 10 ~ 1996. 11	VKMA 94222
	626 III Station Wagon (GV) - 2.2 12V 4WD	F2 / F2L1	2184	1991. 05 ~ 1992. 11	VKMA 94222
	626 IV (GE) - 2.0 D GLX Comprex	RF OHC / RF	1998	1992. 10 ~ 1997. 04	VKMA 94310
	626 IV Hatchback (GE) - 1.8	FP	1840	1991. 08 ~ 1997. 04	VKMA 94012
	626 IV Hatchback (GE) - 2.0 D GLX Comprex	RF OHC / RF	1998	1992. 10 ~ 1997. 04	VKMA 94310
	626 IV Hatchback (GE) - 2.0 i	FS	1991	1991. 08 ~ 1997. 04	VKMA 94010
	626 IV Hatchback (GE) - 2.5 24V	KL	2497	1992. 01 ~ 1997. 04	VKMA 94000
	626 V (GF) - 1.8	FP	1840	1997. 05 ~ 1999. 12	VKMA 94012
	626 V (GF) - 1.8	FP	1840	1999. 12 ~ 2002. 10	VKMA 94012
	626 V (GF) - 2.0	FS	1991	1997. 05 ~ 2002. 10	VKMA 94010
	626 V (GF) - 2.0	FS	1991	1998. 04 ~ 2002. 10	VKMA 94010
	626 V (GF) - 2.0 DITD	RF	1998	1998. 04 ~ 2002. 04	VKMA 94612
	626 V (GF) - 2.0 TD	RF	1998	2000. 10 ~ 2002. 04	VKMA 94612
	626 V (GF) - 2.0 Turbo DI	RF	1998	1998. 04 ~ 2002. 04	VKMA 94612
	626 V Hatchback (GF) - 2.0 DITD	RF	1998	1998. 04 ~ 2002. 04	VKMA 94612
	626 V Hatchback (GF) - 2.0 TD	RF	1998	2000. 10 ~ 2002. 04	VKMA 94612
	626 V Hatchback (GF) - 2.0 Turbo DI	RF	1998	1998. 04 ~ 2002. 04	VKMA 94612
	626 V Station Wagon (GW) - 2.0 DITD	RF	1998	1999. 09 ~ 2002. 04	VKMA 94612
	626 V Station Wagon (GW) - 2.0 TD	RF	1998	2000. 10 ~ 2002. 04	VKMA 94612
	626 V Station Wagon (GW) - 2.0 Turbo DI	RF	1998	1998. 04 ~ 2002. 04	VKMA 94612
	929 III (HC) - 2.0 8V	FEFA	1998	1987. 06 ~ 1988. 12	VKMA 94230
	929 III (HC) - 2.2 i	F2-EGI	2184	1987. 05 ~ 1988. 12	VKMA 94222
	929 III (HC) - 3.0 I SOHC SOHC	JE3	2954	1990. 01 ~ 1991. 06	VKMA 94017
	929 III (HC) - 3.0 SOHC SOHC	JE	2954	1987. 06 ~ 1991. 06	VKMA 94017
	929 III (HC) - 3.0 SOHC SOHC	JE3	2954	1988. 01 ~ 1989. 12	VKMA 94017
	B-SERIE (UF) - 2.0	FE	1998	1985. 01 ~ 1991. 12	VKMA 94007
	B-SERIE (UF) - 2.0	FE	1998	1985. 01 ~ 1996. 03	VKMA 94007
	B-SERIE (UF) - 2.2	F2L8	2184	1991. 08 ~ 1996. 12	VKMA 94222
	B-SERIE (UF) - 2.2 D	R290 / R2	2184	1985. 01 ~ 1996. 03	VKMA 94009
B-SERIE (UF) - 2.5 D	WL	2499	1996. 02 ~ 1999. 06	VKMA 94614	
B-SERIE (UF) - 2.5 D 4WD	WL	2500	1998. 09 ~ 1999. 06	VKMA 94614	
B-SERIE (UF) - 2.5 D 4WD	WL	2500	1996. 02 ~ 1999. 06	VKMA 94614	
B-SERIE (UN) - 2.2 4WD	R5A2	2184	1999. 02 ~	VKMA 94222	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
RF71-12-700C								RF71-12-730A	GT60180				
RF71-12-700C								RF71-12-730A	GT60180				
FE1H-12-700A	GT20010							FE3N-12-730	GT20030				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
RF71-12-700C								RF71-12-730A	GT60180				
FP01-12-700								FS01-12-730A	GT80040				
RF71-12-700C								RF71-12-730A	GT60180				
		FS01-12-700A						FS01-12-730A	GT80040				
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
FP01-12-700								FS01-12-730A	GT80040				
FP01-12-700								FS01-12-730A	GT80040				
		FS01-12-700A						FS01-12-730A	GT80040				
		FS01-12-700A						FS01-12-730A	GT80040				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
JE15-12-750								JE15-12-730A	GT80530				
JE15-12-750								JE15-12-730A	GT80530				
JE15-12-750								JE15-12-730A	GT80530				
F805-12-700A	GT80970												
F805-12-700A	GT80970												
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
R201-12-700A	GT80450												
WL01-12-700	GT60160												
WL01-12-700	GT60160												
WL01-12-700	GT60160												
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MAZDA	B-SERIE (UN) - 2.5 D	WLE7	2499	1999. 11 ~ 2001. 12	VKMA 94616
	B-SERIE (UN) - 2.5 D	WL	2500	1999. 06 ~ 2003. 11	VKMA 94616
	B-SERIE (UN) - 2.5 D	WL	2500	2002. 12 ~ 2003. 11	VKMA 94616
	B-SERIE (UN) - 2.5 D 4WD	WLE7	2499	1999. 11 ~ 2001. 12	VKMA 94616
	B-SERIE (UN) - 2.5 D 4WD	WL	2499	1999. 11 ~ 2002. 07	VKMA 94616
	B-SERIE (UN) - 2.5 D 4WD	WL	2500	1999. 06 ~ 2003. 11	VKMA 94616
	B-SERIE (UN) - 2.5 D 4WD	WL	2500	2002. 12 ~ 2003. 11	VKMA 94616
	B-SERIE (UN) - 2.5 D 4WD	WL	2500	1999. 02 ~ 2003. 11	VKMA 94616
	B-SERIE (UN) - 2.5 TD	WL	2500	1999. 02 ~ 2003. 11	VKMA 94616
	B-SERIE (UN) - 2.5 TD 4WD	WL	2499	1999. 06 ~ 2003. 11	VKMA 94616
	DEMIO (DW) - 1.3 16V	B3	1324	1998. 08 ~ 2002. 12	VKMA 94102
	DEMIO (DW) - 1.3 i 16V	B3	1324	1998. 08 ~ 2000. 04	VKMA 94102
	DEMIO (DW) - 1.5 16V	B5	1498	2000. 04 ~ 2002. 12	VKMA 94102
	E-SERIE Box (SR2) - 2200 D 4WD (SD,SRY)	R2	2184	1991. 03 ~ 1996. 12	VKMA 94009
	E-SERIE Box (SR2) - E2000	FE	1998	1984. 01 ~ 2003. 05	VKMA 94230
	E-SERIE Box (SR2) - E2000	FE18 / FE58 / FE	1998	1985. 05 ~ 1989. 04	VKMA 94007
	E-SERIE Box (SR2) - E2200 D (SD,SRY)	R203 / R207 / R2	2184	1985. 05 ~ 1988. 02	VKMA 94009
	E-SERIE Box (SR2) - E2200 D (SD,SRY)	R203 / R207 / R2	2184	1991. 03 ~ 2003. 05	VKMA 94009
	E-SERIE Bus (SR1) - E2000	FE18 / FEV4	1998	1984. 11 ~ 1988. 02	VKMA 94230
	E-SERIE Bus (SR1) - E2000	FE18 / FEV4 / FE	1998	1984. 11 ~ 1988. 02	VKMA 94007
	E-SERIE Bus (SR1) - E2200 D (SD,SRY)	R207 / R2	2169	1984. 01 ~ 1988. 02	VKMA 94009
	MPV I (LV) - 3.0 i V6	JE94	2954	1996. 05 ~ 1999. 09	VKMA 94017
	MPV I (LV) - 3.0 i V6 (LV10)	JE94	2954	1995. 03 ~ 1999. 09	VKMA 94017
	MPV II (LW) - 2.0	FS	1991	2000. 08 ~ 2002. 07	VKMA 94010
	MPV II (LW) - 2.0	FS-DS / FS	1991	1999. 09 ~ 2000. 08	VKMA 94010
	MPV II (LW) - 2.0 DI	RF5C / RF	1998	2002. 07 ~ 2006. 02	VKMA 94619
	MX-3 (EC) - 1.6 i	B6	1598	1993. 11 ~ 1998. 02	VKMA 94201
	MX-3 (EC) - 1.6 i	B6	1598	1994. 01 ~ 1998. 02	VKMA 94201
	MX-3 (EC) - 1.8 i V6	K838 / K8	1845	1994. 01 ~	VKMA 94000
	MX-5 I (NA) - 1.6	B6	1598	1995. 01 ~ 1997. 11	VKMA 94201
	MX-5 I (NA) - 1.6	B6	1598	1990. 05 ~ 1994. 01	VKMA 94201
	MX-5 I (NA) - 1.8	BP	1839	1993. 09 ~ 1997. 12	VKMA 94201
MX-5 I (NA) - 1.8	BP	1840	1994. 02 ~ 1997. 11	VKMA 94201	
MX-5 II (NB) - 1.6 16V	B6	1598	1998. 05 ~ 2005. 10	VKMA 94201	
MX-5 II (NB) - 1.8	BP	1839	1998. 01 ~ 2002. 07	VKMA 94201	
MX-5 II (NB) - 1.8 16V	BP	1840	2000. 11 ~ 2005. 10	VKMA 94201	
MX-5 II (NB) - 1.8 16V	BP	1840	1998. 05 ~ 2005. 10	VKMA 94201	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
WL81-12-700	GT70950												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
B630-12-700B	GT20040												
R201-12-700A	GT80450												
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
F805-12-700A	GT80970												
R201-12-700A	GT80450												
R201-12-700A	GT80450												
FE1H-12-700A	GT20010							FE1H-12-730A	GT20020				
F805-12-700A	GT80970												
R201-12-700A	GT80450												
JE15-12-750								JE15-12-730A	GT80530				
JE15-12-750								JE15-12-730A	GT80530				
	FS01-12-700A							FS01-12-730A	GT80040				
	FS01-12-700A							FS01-12-730A	GT80040				
RF5C-12-700	GT70960							RF5C-12-730	GT70970				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MAZDA	MX-6 (GE) - 1.8	FP9A / FP	1840	1995. 12 ~ 1997. 02	VKMA 94012
	MX-6 (GE) - 2.0	FS	1991	1992. 02 ~ 1997. 02	VKMA 94010
	MX-6 (GE) - 2.5 24V	KL	2497	1992. 02 ~ 1997. 02	VKMA 94000
	PREMACY (CP) - 1.9	FP	1840	1999. 07 ~ 2005. 03	VKMA 94012
	PREMACY (CP) - 2.0	FS7E / FS7G / FS	1991	2001. 11 ~ 2005. 03	VKMA 94010
	PREMACY (CP) - 2.0 TD	RF	1998	1999. 10 ~ 2000. 07	VKMA 94612
	PREMACY (CP) - 2.0 TD	RF	1998	2000. 07 ~ 2005. 03	VKMA 94612
	XEDOS 6 (CA) - 1.6 16V	B6	1598	1994. 06 ~ 1999. 02	VKMA 94201
	XEDOS 6 (CA) - 1.6 16V	B6	1598	1992. 08 ~ 1994. 05	VKMA 94201
	XEDOS 6 (CA) - 2.0 V6	KF1 / KF	1995	1994. 06 ~ 1999. 10	VKMA 94000
	XEDOS 9 (TA) - 2.0	KF	1995	1998. 08 ~ 2000. 08	VKMA 94000
	XEDOS 9 (TA) - 2.0 24V	KF	1995	1993. 08 ~ 2000. 01	VKMA 94000
	XEDOS 9 (TA) - 2.5	KL	2496	2000. 09 ~ 2002. 09	VKMA 94000
	XEDOS 9 (TA) - 2.5 24V	KL	2497	1993. 07 ~ 2000. 07	VKMA 94000
	XEDOS 9 (TA) - 2.5 V6	KL	2497	2000. 07 ~ 2002. 09	VKMA 94000
	121 II (DB) - 1.3 16V AC	B3	1324	1990. 11 ~ 1996. 03	
	121 II (DB) - 1.3 i 16V AC	B3	1324	1990. 11 ~ 1996. 03	
	121 III (JASM, JBSM) - 1.3 AC	JJK / JJM	1299	1996. 03 ~ 2003. 04	
	323 C IV (BG) - 1.3 16V AC,PS	B3	1324	1989. 09 ~ 1994. 07	
	323 C IV (BG) - 1.3 AC,PS	B3	1324	1989. 09 ~ 1994. 07	
323 C IV (BG) - 1.6 16V AC,PS	B6	1598	1991. 03 ~ 1994. 10		
MEGA	CLUB - 1.1 i	TU1MC	1124	1992. 01 ~ 1999. 06	VKMA 03100
	CLUB - 1.4 i		1361	1992. 01 ~ 1999. 06	VKMA 03110
	CLUB - 1.4 i 4x4		1361	1992. 01 ~ 1999. 06	VKMA 03110
	CLUB - 1.5 D		1527	1994. 01 ~ 1999. 06	VKMA 03121
	CLUB - 1.5 D 4x4		1527	1994. 01 ~ 1999. 06	VKMA 03121
	CLUB II - 1.4 i		1361	1999. 06 ~	VKMA 03110
	CLUB - 1.4 i		1361	1992. 01 ~ 1999. 06	
	CLUB - 1.4 i 4x4		1361	1992. 01 ~ 1999. 06	
	CLUB II - 1.4 i		1361	1999. 06 ~	
MERCEDES-BENZ	C-CLASS (W202) - C 240 (202.026)	M 112.910	2398	1997. 06 ~ 2000. 05	
	C-CLASS (W202) - C 240 (202.026) AC	M 112.910	2398	1997. 06 ~ 2000. 05	
	C-CLASS (W202) - C 280 (202.029)	M 112.920	2799	1997. 06 ~ 2000. 05	
	C-CLASS (W202) - C 280 (202.029) AC	M 112.920	2799	1997. 06 ~ 2000. 05	
	A-CLASS (W168) - A 140 (168.031, 168.131)	M 166.940	1397	1997. 07 ~ 2004. 08	
	A-CLASS (W168) - A 140 (168.031, 168.131)	M 166.960	1598	2001. 01 ~ 2004. 08	
	A-CLASS (W168) - A 160 (168.033, 168.133)	M 166.960	1598	1997. 07 ~ 2004. 08	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
FP01-12-700								FS01-12-730A	GT80040				
		FS01-12-700A						FS01-12-730A	GT80040				
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
FP01-12-700								FS01-12-730A	GT80040				
		FS01-12-700A						FS01-12-730A	GT80040				
RF2A-12-750A								RF2A-12-730	GT50910				
RF2A-12-750A								RF2A-12-730	GT50910				
B660-12-700A	GT20050							B660-12-730	GT20060				
B660-12-700A	GT20050							B660-12-730	GT20060				
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
KL02-12-750	GT80670							KL01-12-740	GT80510	KL01-12-730	GT80520		
								B366-15-940	GT90980				
								B366-15-940	GT90980				
								B366-15-940	GT90980				
								B366-15-940	GT90980				
								B366-15-940	GT90980				
								B366-15-940	GT90980				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.30	GT50520							96099089					
0829.30	GT50520							96099089					
0829.19	GT80260												
6453.S4	GT60950												
6453.S4	GT60950												
6453.S4	GT60950												
								059 903 341J	GT70380				
								059 903 341J	GT70380				
								059 903 341J	GT70380				
								059 903 341J	GT70380				
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MERCEDES -BENZ	A-CLASS (W168) - A 190 (168.032, 168.132)	M 166.990	1898	1999. 03 ~ 2004. 08	
	A-CLASS (W168) - A 210 (168.035, 168.135)	M 166.995	2084	2002. 03 ~ 2004. 08	
	A-CLASS (W168) - A 160 CDI (168.007)	OM 668.941	1689	1998. 07 ~ 2001. 02	
	A-CLASS (W168) - A 160 CDI (168.006)	M 266.920	1689	2001. 02 ~ 2004. 08	
	A-CLASS (W168) - A 170 CDI (168.008)	OM 668.940	1689	1998. 07 ~ 2001. 02	
	B-CLASS (W245) - B 150 (245.231)	M 266.920	1498	2005. 03 ~ 2011. 11	
	B-CLASS (W245) - B 160 (245.231)	M 266.920	1498	2009. 04 ~ 2011. 11	
	B-CLASS (W245) - B 170 (245.232)	M 266.940	1699	2005. 03 ~ 2011. 11	
	B-CLASS (W245) - B 180 (245.232)	M 266.940	1699	2009. 04 ~ 2011. 11	
	B-CLASS (W245) - B 200 (245.233)	M 266.960	2034	2005. 03 ~ 2011. 11	
	B-CLASS (W245) - B 200 TURBO (245.234)	M 266.980	2034	2005. 03 ~ 2011. 11	
	B-CLASS (W245) - B 180 CDI (245.207)	OM 640.940	1991	2005. 03 ~ 2011. 11	
	VANEO (414) - 1.6 (414.700)	M 166.961	1598	2002. 02 ~ 2005. 07	
	VANEO (414) - 1.7 CDI (414.700)	OM 668.914	1689	2002. 02 ~ 2005. 07	
	A-CLASS (W169) - A 150 (169.031, 169.331)	M 266.920	1498	2009. 04 ~ 2012. 06	
	A-CLASS (W169) - A 160 (169.031, 169.331)	M 266.920	1498	2009. 04 ~ 2012. 06	
	A-CLASS (W169) - A 170 (169.032, 169.332)	M 266.940	1699	2004. 09 ~ 2012. 06	
	A-CLASS (W169) - A 180 (169.032, 169.332)	M 266.940	1699	2009. 04 ~ 2012. 06	
	A-CLASS (W169) - A 200 (169.033, 169.333)	M 266.960	2034	1994. 09 ~ 2012. 06	
	A-CLASS (W169) - A 200 TURBO (169.034, 169.334)	M 266.980	2034	2005. 09 ~ 2012. 06	
	B-CLASS (W245) - B 150 (245.231)	M 266.920	1498	2005. 03 ~ 2011. 11	
	B-CLASS (W245) - B 160 (245.231)	M 266.920	1498	2009. 04 ~ 2011. 11	
	B-CLASS (W245) - B 170 (245.232)	M 266.940	1699	2005. 03 ~ 2011. 11	
B-CLASS (W245) - B 180 (245.232)	M 266.940	1699	2009. 04 ~ 2011. 11		
B-CLASS (W245) - B 200 (245.233)	M 266.960	2034	2005. 03 ~ 2011. 11		
B-CLASS (W245) - B 200 TURBO (245.234)	M 266.980	2034	2005. 03 ~ 2011. 11		
MERCURY	CAPRI 1.6i,16i TURBO	996	1598	1991 ~ 1996	
	CAPRI 1.6i,16i TURBO	99Z	1598	1991 ~ 1996	
	VILLAGER 3.0i V6	99W	2960	1992 ~ 1995	
MG	EXPRESS Box - 1.4 M VCC	14K4	1396	2003. 03 ~ 2005. 05	VKMA 07310
	EXPRESS Box - 160	18 K4K	1796	2003. 03 ~ 2005. 05	VKMA 07306
	MG TF - 120 M VCC	18 K4F	1796	2002. 03 ~	VKMA 07310
	MG TF - 135 M VCC	18 K4F	1796	2002. 03 ~	VKMA 07310
	MG TF - 160	18 K4K (VVC)	1796	2002. 03 ~	VKMA 07306
	MG ZR - 105 M VCC	14K4	1396	2001. 06 ~ 2005. 04	VKMA 07310
	MG ZR - 120 M VCC	18 K4F	1796	2001. 06 ~ 2005. 04	VKMA 07310
	MG ZR - 160	18 K4K	1796	2001. 06 ~ 2005. 04	VKMA 07306



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
166 202 06 19	GTA0080												
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
								640 202 04 19	GTA0160				
										GT20050			GT20060
										GT20050			GT20060
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MG	MG ZS - 1.6 M VCC	16 K4F	1588	2003. 07 ~ 2005. 04	VKMA 07310
	MG ZS Hatchback - 1.6 M VCC	16 K4F	1590	2001. 11 ~ 2005. 10	VKMA 07310
	MGF (RD) - 1.8 i VVC	18 K4K	1796	2001. 10 ~ 2002. 03	VKMA 07306
	MGF (RD) - 1.8 i 16V M VCC	18 K4F	1796	1995. 03 ~ 2002. 03	VKMA 07310
	MGF (RD) - 1.8 i VVC	18 K4K	1796	1995. 03 ~ 2002. 03	VKMA 07306
MINI	MINI (R56) - Cooper D	DV6 TED4	1560	2007. 03 ~	VKMA 03259
	MINI (R56) - One D	DV6 TED4	1560	2009. 06 ~ 2010. 07	VKMA 03259
	MINI CLUBMAN (R55) - Cooper D	DV6ETED	1560	2007. 10 ~	VKMA 03259
MITSUBISHI	3000 GT (Z16A) - 3.0 i 24V 4WD (Z16A) DOHC	6G72	2972	1992. 06 ~ 1993. 05	VKMA 95000
	CARISMA (DA_) - 1.6 (DA1A)	4G92	1597	1995. 07 ~ 2006. 06	VKMA 95623
	CARISMA (DA_) - 1.6 (DA1A)	4G92	1597	1995. 12 ~ 2003. 12	VKMA 95623
	CARISMA (DA_) - 1.6 (DA1A)	4G92	1597	1997. 05 ~ 2003. 12	VKMA 95623
	CARISMA (DA_) - 1.6 (DA1A)	4G92	1597	2000. 09 ~ 2003. 12	VKMA 95623
	CARISMA (DA_) - 1.8 (DA2A) DOHC	4G93	1834	1995. 07 ~ 2003. 12	VKMA 95624
	CARISMA (DA_) - 1.8 (DA2A) SOHC	4G93	1834	1995. 07 ~ 1999. 02	VKMA 95626
	CARISMA (DA_) - 1.8 16V (DA2A)	4G93	1834	1995. 07 ~ 2006. 06	VKMA 95626
	CARISMA (DA_) - 1.8 16V (DA2A) DOHC	4G93	1834	1995. 07 ~ 2003. 12	VKMA 95624
	CARISMA (DA_) - 1.8 16V (DA2A) SOHC	4G93	1834	1995. 07 ~ 1999. 02	VKMA 95626
	CARISMA (DA_) - 1.8 16V GDI (DA2A) DOHC	4G93	1834	1997. 09 ~ 2003. 12	VKMA 95624
	CARISMA (DA_) - 1.8 16V GDI (DA2A) SOHC	4G93	1834	1997. 09 ~ 1999. 02	VKMA 95626
	CARISMA (DA_) - 1.8 GDI (DA2A) DOHC	4G93	1834	2000. 10 ~ 2003. 12	VKMA 95624
	CARISMA (DA_) - 1.9 TD (DA4A)	F8QT	1870	1997. 05 ~ 2000. 06	
	CARISMA Saloon (DA_) - 1.6 (DA1A)	4G92	1597	1996. 09 ~ 2003. 12	VKMA 95623
	CARISMA Saloon (DA_) - 1.6 (DA1A)	4G92	1597	1998. 12 ~ 2003. 12	VKMA 95623
	CARISMA Saloon (DA_) - 1.6 (DA1A)	4G92	1597	1997. 05 ~ 2003. 12	VKMA 95623
	CARISMA Saloon (DA_) - 1.6 (DA1A)	4G92	1597	2000. 09 ~ 2003. 12	VKMA 95623
	CARISMA Saloon (DA_) - 1.8 (DA2A) DOHC	4G93	1834	1996. 09 ~ 2003. 12	VKMA 95624
	CARISMA Saloon (DA_) - 1.8 (DA2A) SOHC	4G93	1834	1996. 09 ~ 1999. 02	VKMA 95626
CARISMA Saloon (DA_) - 1.8 16V GDI (DA2A) DOHC	4G93	1834	1997. 09 ~ 2003. 12	VKMA 95624	
CARISMA Saloon (DA_) - 1.8 16V GDI (DA2A) SOHC	4G93	1834	1997. 09 ~ 1999. 02	VKMA 95626	
CARISMA Saloon (DA_) - 1.8 GDI (DA2A) DOHC	4G93	1834	2000. 10 ~ 2006. 06	VKMA 95624	
CARISMA Saloon (DA_) - 1.9 TD (DA4A)	F8QT	1870	1997. 05 ~ 2000. 06		
COLT I (A15_A) - 1.2 GL (A151A)	4G11	1244	1981. 01 ~ 1983. 12	VKMA 95206	
COLT I (A15_A) - 1.4 GLX,GT (A152A)	4G12	1410	1981. 01 ~ 1983. 12	VKMA 95206	
COLT I (A15_A) - 1.4 Turbo (A152A)	4G12T	1410	1981. 09 ~ 1983. 12	VKMA 95206	
COLT II (C1_A) - 1.2 EL,GL (C15A)	4G16	1198	1984. 02 ~ 1986. 09	VKMA 95206	
COLT II (C1_A) - 1.2 EL,GL (C15A)	4G16	1198	1986. 09 ~ 1987. 05	VKMA 95206	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
		1131 7805 960	GTB0200					1131 7805 961	GT30500				
		1131 7805 960	GTB0200					1131 7805 961	GT30500				
		1131 7805 960	GTB0200					1131 7805 961	GT30500				
MD 140071	GT10100							MD 151447	GT10110				
MD320174	GT90550												
MD320174	GT90550												
MD320174	GT90550												
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
44 01 609	GT60100							M855992	GT60110				
MD320174	GT90550												
MD320174	GT90550												
MD320174	GT90550												
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
44 01 609	GT60100							M855992	GT60110				
MD 030605	GT10010												
MD 030605	GT10010												
MD 030605	GT10010												
MD 030605	GT10010												
MD 030605	GT10010												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MITSUBISHI	COLT II (C1_A) - 1.3 EL, GL (C11A)	G13B	1299	1986. 06 ~ 1988. 04	VKMA 95207
	COLT II (C1_A) - 1.5 GLX (C12A)	G15B	1468	1985. 09 ~ 1987. 05	VKMA 95206
	COLT II (C1_A) - 1.5 GLX (C12A)	4G15	1468	1984. 09 ~ 1987. 05	VKMA 95206
	COLT II (C1_A) - 1.6 Turbo ECi (C13A)	4G32	1597	1986. 07 ~ 1988. 04	VKMA 95031
	COLT II (C1_A) - 1.6 Turbo ECi (C13A)	4G32	1597	1986. 07 ~ 1986. 12	VKMA 95105
	COLT II (C1_A) - 1.6 Turbo ECi (C13A)	4G32	1597	1984. 02 ~ 1986. 12	VKMA 95105
	COLT II (C1_A) - 1.8 GL Diesel (C14A)	4D65	1796	1986. 09 ~ 1988. 04	VKMA 95006
	COLT III (C5_A) - 1.3 (C51A) SOHC	4G13	1299	1990. 06 ~ 1992. 05	VKMA 95012
	COLT III (C5_A) - 1.3 (C51A) SOHC	4G13	1299	1988. 04 ~ 1990. 05	VKMA 95207
	COLT III (C5_A) - 1.3 12V (C51A) SOHC	4G13	1299	1990. 06 ~ 1992. 05	VKMA 95012
	COLT III (C5_A) - 1.3 GL (C61A) SOHC	4G13	1299	1990. 06 ~ 1990. 12	VKMA 95012
	COLT III (C5_A) - 1.3 GL (C61A) SOHC	4G13	1299	1988. 04 ~ 1990. 05	VKMA 95207
	COLT III (C5_A) - 1.5 (C52A) CAT	4G15	1468	1990. 07 ~ 1992. 05	VKMA 95012
	COLT III (C5_A) - 1.5 GLXi (C52A)	4G15	1468	1990. 06 ~ 1992. 05	VKMA 95012
	COLT III (C5_A) - 1.5 GLXi (C52A)	4G15	1468	1988. 04 ~ 1990. 05	VKMA 95207
	COLT III (C5_A) - 1.6 GTi 16V (C53A)	4G61	1596	1988. 04 ~ 1990. 05	VKMA 95021
	COLT III (C5_A) - 1.8 GTi 16V (C58A) CAT	4G67	1836	1990. 06 ~ 1992. 05	VKMA 95005
	COLT IV (CA_A) - 1.3 GLi 12V (CA1A) SOHC	4G13	1299	1992. 04 ~ 1996. 04	VKMA 95012
	COLT IV (CA_A) - 1.6 GLXi 16V (CA4A)	4G92	1597	1992. 04 ~ 1996. 04	VKMA 95020
	COLT IV (CA_A) - 1.8 GTi 16V (CA5A) DOHC	4G93	1834	1992. 04 ~ 1996. 04	VKMA 95022
	COLT IV (CA_A) - 1.8 GTi 16V (CA5A) SOHC	4G93	1834	1992. 04 ~ 1996. 04	VKMA 95025
	COLT V (CJ_, CP_) - 1300 (CJ1A)	4G13	1299	2000. 09 ~ 2003. 09	VKMA 95651
	COLT V (CJ_, CP_) - 1300 GL, GLX (CJ1A) 12V	4G13	1299	1998. 12 ~ 2000. 05	VKMA 95650
	COLT V (CJ_, CP_) - 1300 GL, GLX (CJ1A) 12V	4G13	1299	1996. 05 ~ 2000. 09	VKMA 95621
	COLT V (CJ_, CP_) - 1500 (CJ2A) 16V SOHC	4G15	1468	1995. 11 ~ 2003. 09	VKMA 95621
	COLT V (CJ_, CP_) - 1500 (CK1A) 16V SOHC	4G15	1468	1998. 12 ~ 2001. 05	VKMA 95650
	COLT V (CJ_, CP_) - 1600 GLX (CJ4A) SOHC	4G92	1597	1996. 05 ~ 2000. 09	VKMA 95623
	COLT V (CJ_, CP_) - 1600 SOHC	4G92	1597	2000. 09 ~ 2003. 08	VKMA 95623
	CORDIA (A21_A, AB) - 1.6 GSL (A212A)	4G32	1597	1982. 10 ~ 1986. 12	VKMA 95105
	CORDIA (A21_A, AB) - 1.6 Turbo (A212A)	4G32 T	1597	1983. 07 ~ 1984. 08	VKMA 95105
	CORDIA (A21_A, AB) - 1.6 Turbo (A212A)	4G32 T	1597	1982. 10 ~ 1984. 08	VKMA 95105
	CORDIA (A21_A, AB) - 1.8 GSL (A215A)	4G37	1755	1986. 10 ~ 1986. 12	
	CORDIA (A21_A, AB) - 1.8 Turbo ECi (A213A)	4G62 T	1795	1984. 10 ~ 1986. 12	
	DIAMANTE Estate (F_W) - 3.5 (F38A)	6G74	3497	1992. 06 ~ 1998. 03	
	DIAMANTE Estate (F_W) - 3.5 (F38A) SOHC	6G74	3497	1992. 06 ~ 1998. 03	
	DIAMANTE Saloon (F2_A, F1_A) - 3.5 (F38A)	6G74	3497	1995. 10 ~ 1996. 07	
	COLT II (C1_A) - 1.2 EL, GL (C15A)	4G16	1198	1986. 09 ~ 1987. 05	VKMA 95206





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD 030605	GT10010												
MD 030605	GT10010												
MD 030605	GT10010												
MD109958	GT80900												
MD008965	GT80890												
MD008965	GT80890												
MD040754	GT80480			MD 064641				MD012587	GT90220				
MD146186	GT80090												
MD 030605	GT10010												
MD146186	GT80090												
MD146186	GT80090												
MD 030605	GT10010												
MD146186	GT80090												
MD146186	GT80090												
MD 030605	GT10010												
MD129355	GT60470							MD 121993	GT10050				
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD146186	GT80090												
MD315265	GT80400												
MD 169592	GT70320							MD121993	GT10050				
MD315265	GT80400												
MD356509	GT60030												
MD356509	GT60030												
MD329976	GT80990												
MD329976	GT80990												
MD356509	GT60030												
MD320174	GT90550												
MD320174	GT90550												
MD008965	GT80890												
MD008965	GT80890												
MD008965	GT80890												
MD008965	GT80890			MD009650	GT80950								
MD 011536	GT10031			MD040754	GT80480								
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD 030605	GT10010												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MITSUBISHI	DIAMANTE Saloon (F4_A, F3_A) - 3.5 (F38A)	6G74	3497	2002. 10 ~ 2004. 07	
	DIAMANTE Saloon (F4_A, F3_A) - 3.5 (F38A)	6G74	3497	1999. 06 ~ 2002. 09	
	ECLIPSE I (D2_A) - 2.0 i 16V (D22A, D27A)	4G63	1997	1991. 04 ~ 1993. 02	VKMA 95005
	ECLIPSE I (D2_A) - 2.0 i 16V 4WD (D22A, D27A)	4G63	4G63	1991. 04 ~ 1993. 02	VKMA 95005
	GALANT II (A16_) - 1.6 GLX (A161A)	4G32	1597	1980. 12 ~ 1982. 03	
	GALANT II (A16_) - 2.0 GLS (A163) 8V SOHC	4G63	1997	1981. 09 ~ 1983. 12	
	GALANT II (A16_) - 2.3 Turbo-D (A167)	4D55	2347	1982. 09 ~ 1983. 12	VKMA 95010
	GALANT II Station Wagon (A16_V) - 1.6 GLX (A161V)	4G32	1597	1980. 12 ~ 1982. 03	
	GALANT II Station Wagon (A16_V) - 2.0 GLX (A163V) 8V SOHC	4G63	1997	1981. 09 ~ 1983. 12	
	GALANT II Station Wagon (A16_V) - 2.3 Turbo-D (A167V)	4D55	2347	1983. 07 ~ 1983. 12	VKMA 95010
	GALANT III (E1_A) - 1.6 GLX (E11A)	4G32	1597	1984. 06 ~ 1990. 04	VKMA 95008
	GALANT III (E1_A) - 2.0 GLS (E15A) 8V SOHC	G63B	1997	1986. 06 ~ 1990. 04	
	GALANT III (E1_A) - 2.4 GLS (E16A)	G64B	2351	1985. 07 ~ 1987. 01	
	GALANT IV (E3_A) - 1.8 (E32A)	4G37	1755	1988. 11 ~ 1992. 10	VKMA 95008
	GALANT IV (E3_A) - 2.0 (E39A, E38A, E33A) DOHC	4G63	1997	1989. 11 ~ 1992. 10	VKMA 95005
	GALANT IV (E3_A) - 2.0 (E39A, E38A, E33A) SOHC	4G63	1997	1989. 04 ~ 1992. 04	VKMA 95009
	GALANT IV (E3_A) - 2.0 4WD (E33A, E38A, E39A) DOHC	4G63	1997	1989. 11 ~ 1992. 10	VKMA 95005
	GALANT IV (E3_A) - 2.0 4WD (E33A, E38A, E39A) SOHC	4G63	1997	1989. 04 ~ 1992. 04	VKMA 95009
	GALANT IV (E3_A) - 2.0 GTI 16V (E39A, E38A, E33A) DOHC	4G63	1997	1989. 11 ~ 1992. 10	VKMA 95005
	GALANT IV (E3_A) - 2.0 GTI 16V (E39A, E38A, E33A) SOHC	4G63	1997	1988. 11 ~ 1992. 04	VKMA 95009
	GALANT IV (E3_A) - 2.0 GTI 16V 4x4 (E38A, E39A, E33A) DOHC	4G63	1997	1989. 11 ~ 1992. 12	VKMA 95005
	GALANT IV (E3_A) - 2.0 GTI 16V 4x4 (E38A, E39A, E33A) SOHC	4G63	1997	1989. 07 ~ 1992. 04	VKMA 95009
	GALANT IV Saloon (E3_A) - 1.6 (E31A)	4G32	1597	1988. 01 ~ 1992. 10	VKMA 95031
	GALANT IV Saloon (E3_A) - 1.8 (E32A)	4G37	1755	1987. 11 ~ 1990. 08	VKMA 95008
	GALANT IV Saloon (E3_A) - 1.8 (E32A)	4G37	1755	1987. 11 ~ 1992. 10	VKMA 95008
	GALANT IV Saloon (E3_A) - 1.8 Turbo-D (E34A)	4D65 T	1796	1987. 12 ~ 1992. 10	VKMA 95006
	GALANT IV Saloon (E3_A) - 2.0 (E39A, E38A, E33A) SOHC	4G63	1997	1987. 11 ~ 1992. 04	VKMA 95009
	GALANT IV Saloon (E3_A) - 2.0 4WD (E39A, E38A, E33A) SOHC	4G63	1997	1988. 12 ~ 1992. 04	VKMA 95009
	GALANT IV Saloon (E3_A) - 2.0 GTi 16V (E39A, E38A, E33A) SOHC	4G63	1997	1987. 11 ~ 1992. 04	VKMA 95009
	GALANT IV Saloon (E3_A) - 2.0 GTi 16V 4WD (E38A, E39A, E33A) CAT	4G63	1997	1988. 11 ~ 1992. 04	VKMA 95009
	GALANT IV Saloon (E3_A) - 2.0 GTi 16V 4WD (E39A, E38A, E33A)	4G63	1997	1988. 06 ~ 1992. 04	VKMA 95009
	GALANT V (E5_A, E7_A, E8_A) - 1.8 (E52A)	4G93	1834	1994. 02 ~ 1996. 08	VKMA 95025
GALANT V (E5_A, E7_A, E8_A) - 2.0 V6-24 (E64A, E54A)	6A12	1999	1992. 11 ~ 1996. 08	VKMA 95617	
GALANT V (E5_A, E7_A, E8_A) - 2.5 V6-24 4WD (E88A)	6G73	2497	1992. 11 ~ 1995. 04	VKMA 95000	
GALANT V Saloon (E5_A, E7_A, E8_A) - 2.0 V6-24 (E64A, E54A)	6A12	1999	1992. 11 ~ 1996. 08	VKMA 95617	
GALANT V Saloon (E5_A, E7_A, E8_A) - 2.5 V6-24 4WD (E88A)	6G73	2497	1992. 11 ~ 1995. 04	VKMA 95000	
GALANT V Saloon (E5_A, E7_A, E8_A)-2.0 GLSTD (E57A)	4D68 T	1998	1992. 11 ~ 1996. 08	VKMA 95023	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD008965	GT80890			MD009650	GT80950								
MD 011536	GT10031			MD040754	GT80480								
MD 050135	GT10140			MD 050125	GT10130								
MD008965	GT80890			MD009650	GT80950								
MD 011536	GT10031			MD040754	GT80480								
MD 050135	GT10140			MD 050125	GT10130								
MD109958	GT80900			MD009650	GT80950								
MD 011536	GT10031			MD040754	GT80480								
MD 011536	GT10031			MD040754	GT80480								
MD109958	GT80900			MD009650	GT80950								
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD 129033	GT10032			MD040754	GT80480								
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD 129033	GT10032			MD040754	GT80480								
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD 129033	GT10032			MD040754	GT80480								
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD 129033	GT10032			MD040754	GT80480								
MD109958	GT80900												
MD109958	GT80900			MD009650	GT80950								
MD109958	GT80900			MD009650	GT80950								
MD040754	GT80480			MD 064641				MD012587	GT90220				
MD 129033	GT10032			MD040754	GT80480								
MD 129033	GT10032			MD040754	GT80480								
MD 129033	GT10032			MD040754	GT80480								
MD 129033	GT10032			MD040754	GT80480								
MD 129033	GT10032			MD040754	GT80480								
MD 129033	GT10032			MD040754	GT80480								
MD315265	GT80400												
MD 188813								MD179597	GT60170				
MD 140071	GT10100							MD 151447	GT10110				
MD 188813								MD179597	GT60170				
MD 140071	GT10100							MD 151447	GT10110				
MD 174352				MD 115976	GT10070			MD012587	GT90220				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MITSUBISHI	GALANT VI (EA_) - 2.0 (EA2A)	4G63	1997	2000. 09 ~ 2001. 08	VKMA 95627
	GALANT VI (EA_) - 2.0 (EA2A) 16V	4G63	1997	1996. 09 ~ 2000. 09	VKMA 95627
	GALANT VI (EA_) - 2.0 (EA2A,EA2W) GDI	4G94	1999	1999. 10 ~ 2001. 08	VKMA 95627
	GALANT VI (EA_) - 2.0 (EA7A) 16V	4G63	1997	2000. 09 ~ 2004. 10	VKMA 95677
	GALANT VI (EA_) - 2.0 TDI (EA6A)	4D68 / 4D68 T	1998	1996. 09 ~ 2004. 10	VKMA 95649
	GALANT VI (EA_) - 2.4 GDI (EA3A) DOHC	4G64	2351	2000. 09 ~ 2004. 10	VKMA 95620
	GALANT VI (EA_) - 2.5 V6 24V (EA5A)	6A13	2498	2000. 09 ~ 2003. 05	VKMA 95628
	GALANT VI (EA_) - 2.5 V6 24V (EA5A)	6A13	2498	1996. 09 ~ 2000. 09	VKMA 95628
	GALANT VI Estate (EA_) - 2.0 (EA2A,EA2W)	4G63	1997	2000. 09 ~ 2003. 10	VKMA 95627
	GALANT VI Estate (EA_) - 2.0 (EA2A,EA2W)	4G63	1997	1996. 09 ~ 2000. 09	VKMA 95627
	GALANT VI Estate (EA_) - 2.0 TDI (EA6W)	4D68	1998	1996. 09 ~ 2003. 10	VKMA 95649
	GALANT VI Estate (EA_) - 2.5 V6 24V (EA5W)	6A13	2498	2000. 09 ~ 2003. 10	VKMA 95628
	GRANDIS (NA_W) - 2.4	4G69	2378	2004. 04 ~	VKMA 95675
	GRANDIS (NA_W) - 2.4	4G69	2378	2004. 04 ~	VKMA 95975
	L 200 (K3_T, K2_T, K1_T, K0_T) - 1.6 (K11T)	4G32	1597	1987. 04 ~ 1996. 10	VKMA 95031
	L 200 (K3_T, K2_T, K1_T, K0_T) - 2.5 D (K14T)	4D56	2476	1993. 06 ~ 1993. 05	VKMA 95014
	L 200 (K3_T, K2_T, K1_T, K0_T) - 2.5 D (K14T,K24T)	4D56	2476	1986. 11 ~ 1993. 05	VKMA 95014
	L 200 (K3_T, K2_T, K1_T, K0_T) - 2.5 D 4WD (K24T,K24T)	4D56	2476	1987. 12 ~ 1993. 05	VKMA 95014
	L 200 (K7_T, K6_T) - 2.0 (K62T)	4G63	1997	1996. 06 ~ 2007. 12	VKMA 95019
	L 200 (K7_T, K6_T) - 2.4 4WD (K75T)	4G64	2351	1996. 06 ~ 2001. 06	
	L 200 (K7_T, K6_T) - 2.5 D (K64T)	4D56	2477	1996. 06 ~ 2007. 12	VKMA 95014
	L 200 (K7_T, K6_T) - 2.5 TD 4WD (K74T)	4D56	2477	1996. 06 ~ 2005. 06	VKMA 95014
	L 200 (K7_T, K6_T) - 2.5 TD 4WD (K74T)	4D56	2477	2001. 09 ~ 2005. 06	VKMA 95014
	L 200 (K7_T, K6_T) - 2.5 TD 4WD (K74T)	4D56	2477	2001. 08 ~ 2005. 06	VKMA 95014
	L 200 (KB_T, KA_T) - 2.5 DiD (KA4T)	4D56	2477	2005. 11 ~	VKMA 95676
	L 200 (KB_T, KA_T) - 2.5 DI-D (KA4T)	4D56	2477	2010. 04 ~	VKMA 95676
	L 200 (KB_T, KA_T) - 2.5 DI-D (KA4T)	4D56	2477	2007. 08 ~	VKMA 95676
	L 200 (KB_T, KA_T) - 2.5 DI-D 4WD (KB4T)	4D56	2477	2005. 11 ~	VKMA 95676
	L 200 (KB_T, KA_T) - 2.5 DI-D 4WD (KB4T)	4D56	2477	2007. 10 ~	VKMA 95676
	L 200 (KB_T, KA_T) - 2.5 DI-D 4WD (KB4T)	4D56	2477	2010. 04 ~	VKMA 95676
	L 300 Box (L03_P) - 2.3 D (L038P, L068P)	4D55	2347	1983. 09 ~ 1986. 06	VKMA 95010
	L 300 Box (P0_W, P1_W) - 1.6 (P12V, P02V)	4G32	1598	1986. 11 ~ 1994. 05	VKMA 95031
L 300 Box (P0_W, P1_W) - 2.0 (P03V, P13V)	G63B	1997	1994. 06 ~ 1996. 12	VKMA 95019	
L 300 Box (P0_W, P1_W) - 2.0 (P03V, P13V)	G63B	1997	1986. 11 ~ 1987. 04		
L 300 Box (P0_W, P1_W) - 2.5 D (P05V, P05W, P15V)	4D56	2477	1986. 11 ~ 1993. 05	VKMA 95010	
L 300 Bus (L03_P/G, L0_2P) - 2.3 D (L038P,L068P)	4D55	2347	1983. 04 ~ 1986. 06	VKMA 95010	
L 300 Bus (P0_W, P1_W, P2_W) - 2.0 (P13T, P03W, P03V, P13V)	4G63	1997	1994. 06 ~ 1996. 12	VKMA 95019	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD 169592	GT70320							MD 377198					
MD352473	GT90700			MD325568	GT70840								
MD182537	GT80800			MD352473	GT90700			MD121993	GT10050				
MD 188813								MD179597	GT60170				
MD 188813								MD179597	GT60170				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD325568	GT70840			MD012587	GT90220				
MD 188813								MD179597	GT60170				
MN137247	GT60050			MD352473	GT90700			MN137248	GT60480				
MD352473	GT90700			MN137247	GT60050			MN137248	GT60480				
MD109958	GT80900												
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD115976	GT10070			MD182537	GT80800			MD 121993	GT10050				
								24810-33021	GT10050				
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			1145A020	GT40950			MN176844	GT70930	MN176844	GT70930		
MD 050125	GT10130			1145A020	GT40950			MN176844	GT70930	MN176844	GT70930		
MD 050125	GT10130			1145A020	GT40950			MN176844	GT70930	MN176844	GT70930		
MD 050125	GT10130			1145A020	GT40950			MN176844	GT70930	MN176844	GT70930		
MD 050125	GT10130			1145A020	GT40950			MN176844	GT70930	MN176844	GT70930		
MD 050125	GT10130			1145A020	GT40950			MN176844	GT70930	MN176844	GT70930		
MD 050125	GT10130			1145A020	GT40950			MN176844	GT70930	MN176844	GT70930		
MD 050135	GT10140			MD 050125	GT10130								
MD109958	GT80900												
MD115976	GT10070			MD182537	GT80800			MD 121993	GT10050				
MD 011536	GT10031			MD040754	GT80480								
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD115976	GT10070			MD182537	GT80800			MD 121993	GT10050				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MITSUBISHI	L 300 Bus (P0_W, P1_W, P2_W) - 2.0 (P13V, P03W, P13T)	G63B	1997	1986. 11 ~ 1987. 04	
	L 300 Bus (P0_W, P1_W, P2_W) - 2.0 4WD (P13V, P23V, P23W, P03V, P13T)	4G63	1997	1986. 12 ~ 1987. 04	
	L 300 Bus (P0_W, P1_W, P2_W) - 2.4 (P04W, P14V, P04V)	4G64	2351	1990. 11 ~ 1992. 04	VKMA 95036
	L 300 Bus (P0_W, P1_W, P2_W) - 2.4 4WD (P24W, P24V)	4G64	2351	1990. 11 ~ 1992. 04	VKMA 95036
	L 300 Bus (P0_W, P1_W, P2_W) - 2.5 D (P25V, P05W, P05V, P15V, P15T)	4D56	2477	1986. 11 ~ 1993. 05	VKMA 95010
	L 300 Bus (P0_W, P1_W, P2_W) - 2.5 TD 4WD (P25W, P25V)	4D56	2477	1988. 11 ~ 1993. 05	VKMA 95010
	L 300 Platform/Chassis (L03_P) - 1.6 (L032P, L062P)	4G32	1597	1983. 04 ~ 1994. 04	VKMA 95105
	L 300 Platform/Chassis (L03_P) - 2.5 D (L039P, P05V, P05W, P15T, P15V)	4D56	2477	1986. 11 ~ 1993. 05	VKMA 95010
	L 300 Platform/Chassis (P1_T) - 2.5 TD (P15T, L039P, P05V, P05W, P15T, P15V)	4D56	2477	1994. 11 ~ 1996. 12	VKMA 95014
	LANCER Estate (CS_W) - 1.6 (CS3A, CS3W)	4G18	1584	2003. 09 ~ 2008. 10	VKMA 95651
	LANCER Estate (CS_W) - 2.0 (CS9W)	4G63	1999	2005. 08 ~ 2008. 10	VKMA 95666
	LANCER Estate (CS_W) - 2.0 (CS9W)	4G63	1997	2003. 09 ~ 2007. 12	VKMA 95666
	LANCER F II (A17_) - 1.2 GLX (A171)	4G11	1244	1983. 03 ~ 1984. 01	VKMA 95206
	LANCER I (A17_) - 1.2 (A171)	4G11	1244	1980. 01 ~ 1981. 12	VKMA 95206
	LANCER I (A17_) - 1.4 GLX (A172)	4G12	1410	1979. 09 ~ 1982. 10	VKMA 95206
	LANCER I (A17_) - 1.6 (A174)	4G32 GS	1597	1980. 01 ~ 1982. 03	
	LANCER I (A17_) - 2.0 Turbo ECi (A176)	4G32	1997	1981. 09 ~ 1982. 12	
	LANCER III (C1_A, C6_A) - 1.2 (C65A)	4G16	1198	1987. 06 ~ 1988. 04	VKMA 95207
	LANCER III (C1_A, C6_A) - 1.2 GL (C15AS)	4G16	1198	1984. 01 ~ 1986. 10	VKMA 95206
	LANCER III (C1_A, C6_A) - 1.5 GLX (C12AS, C12V)	G15B	1468	1985. 06 ~ 1987. 05	VKMA 95206
	LANCER III (C1_A, C6_A) - 1.5 GLX (C12AS, C12V)	4G15	1468	1983. 11 ~ 1987. 05	VKMA 95206
	LANCER III (C1_A, C6_A) 1.8 Diesel (C14AS)	4D65	1796	1984. 01 ~ 1986. 09	VKMA 95006
	LANCER III Station Wagon (C1_V, C3_V) - 1.5 (C12V)	4G15	1468	1990. 06 ~ 1990. 12	VKMA 95012
	LANCER III Station Wagon (C1_V, C3_V) - 1.5 (C12V)	G15B	1468	1985. 09 ~ 1987. 05	VKMA 95206
	LANCER III Station Wagon (C1_V, C3_V) - 1.5 (C12V)	4G15	1468	1985. 09 ~ 1987. 05	VKMA 95206
	LANCER III Station Wagon (C1_V, C3_V) - 1.5 12V (C12V)	4G15	1468	1990. 09 ~ 1991. 12	VKMA 95012
	LANCER III Station Wagon (C1_V, C3_V) 1.8 D (C14V)	4D65	1796	1986. 08 ~ 1992. 06	VKMA 95006
	LANCER IV (C6_A, C7_A) - 1.3 12V (C61A)	4G13	1299	1992. 06 ~ 1994. 05	VKMA 95012
	LANCER IV (C6_A, C7_A) - 1.5 12V (C62A)	4G15	1468	1990. 06 ~ 1992. 05	VKMA 95012
	LANCER IV (C6_A, C7_A) - 1.5 12V (C62A)	4G15	1468	1989. 05 ~ 1990. 05	VKMA 95207
	LANCER IV (C6_A, C7_A) - 1.8 4WD (C77A)	4G37	1755	1989. 09 ~ 1992. 06	VKMA 95031
	LANCER IV (C6_A, C7_A) - 1.8 GTi 16V (C69A)	4G93	1834	1992. 06 ~ 1993. 12	VKMA 95022
	LANCER IV (C6_A, C7_A) 1.8 GTi 16V (C68A)	4G67	1836	1989. 11 ~ 1992. 05	VKMA 95005
	LANCER IV Saloon (C6_A) - 1.3 (C61A)	4G13	1299	1990. 06 ~ 1992. 05	VKMA 95012
LANCER IV Saloon (C6_A) - 1.3 (C61A)	4G13	1299	1990. 06 ~ 1992. 05	VKMA 95012	
LANCER IV Saloon (C6_A) - 1.3 (C61A)	4G13	1299	1988. 04 ~ 1990. 05	VKMA 95207	
LANCER IV Saloon (C6_A) - 1.3 (C61A)	4G13	1299	1988. 08 ~ 1990. 05	VKMA 95207	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD 011536	GT10031			MD040754	GT80480								
MD 011536	GT10031			MD040754	GT80480								
MD 011536	GT10031			MD 128765	GT10040								
MD 011536	GT10031			MD 128765	GT10040								
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD008965	GT80890												
MD 050135	GT10140			MD 050125	GT10130								
MD 050125	GT10130			MD 050135	GT10140								
MD356509	GT60030												
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD 030605	GT10010												
MD 030605	GT10010												
MD 030605	GT10010												
MD008965	GT80890			MD009650	GT80950								
MD 011536	GT10031			MD040754	GT80480								
MD 030605	GT10010												
MD 030605	GT10010												
MD 030605	GT10010												
MD 030605	GT10010												
MD040754	GT80480			MD 064641				MD012587	GT90220				
MD146186	GT80090												
MD 030605	GT10010												
MD 030605	GT10010												
MD146186	GT80090												
MD040754	GT80480			MD 064641				MD012587	GT90220				
MD146186	GT80090												
MD146186	GT80090												
MD 030605	GT10010												
MD109958	GT80900												
MD 169592	GT70320							MD121993	GT10050				
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD146186	GT80090												
MD146186	GT80090												
MD 030605	GT10010												
MD 030605	GT10010												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MITSUBISHI	LANCER IV Saloon (C6_A) - 1.3 12V (C61A)	4G13	1299	1990.07 ~ 1992.06	VKMA 95012
	LANCER IV Saloon (C6_A) - 1.5 (C62A)	4G15	1468	1990.06 ~ 1992.05	VKMA 95012
	LANCER IV Saloon (C6_A) - 1.5 (C62A)	4G15	1468	1988.09 ~ 1990.05	VKMA 95207
	LANCER IV Saloon (C6_A) - 1.5 (C62A)	4G15	1468	1988.04 ~ 1990.05	VKMA 95207
	LANCER IV Saloon (C6_A) - 1.5 12V (C62A)	4G15	1468	1990.06 ~ 1992.05	VKMA 95012
	LANCER IV Saloon (C6_A) - 1.5 12V (C62A)	4G15	1468	1989.05 ~ 1990.05	VKMA 95207
	LANCER Saloon (CS_A) - 1.6 (CS3A)	4G18	1584	2003.09 ~	VKMA 95651
	LANCER Saloon (CS_A) - 2.0 (CS9A)	4G63	1997	2003.12 ~	VKMA 95666
	LANCER Saloon (CS_A) - 2.0 (CS9A,CS9W)	4G63	1999	2003.08 ~ 2006.04	VKMA 95666
	LANCER Saloon (CS_A) - 2.0 (CS9A,CS9W)	4G63	1999	2005.08 ~	VKMA 95666
	LANCER Saloon (CS_A) - 2.0 16V EVO IX (CT9A)	4G63	1997	2006.01 ~ 2007.06	VKMA 95674
	LANCER Saloon (CS_A) - 2.0 16V EVO VIII (CT9A)	4G63	1997	2004.03 ~ 2007.06	VKMA 95674
	LANCER Saloon (CS_A) - 2.0 4WD (CT9A)	4G63	1997	2005.08 ~ 2007.06	VKMA 95674
	LANCER Saloon (CS_A) - 2.4 lvrX (CS7A, CS7W) SOHC	4G69	2378	2005.08 ~ 2007.06	VKMA 95976
	LANCER Saloon (CS_A) - 2.4 iVRX SOHC	4G69	2378	2005.08 ~	VKMA 95976
	LANCER V (CB/D_A) - 1.3 (CB1A)	4G13	1299	1992.06 ~ 1996.12	VKMA 95012
	LANCER V (CB/D_A) - 1.6 16V (CB4A)	4G92	1597	1992.06 ~ 1996.12	VKMA 95020
	LANCER V (CB/D_A) - 2.0 Diesel (CB8A)	4D68	1998	1992.06 ~ 1996.12	VKMA 95023
	LANCER VI (CJ-CP_) - 1.3 12V (CK1A) 12V SOHC	4G13	1299	1995.12 ~ 2003.08	VKMA 95650
	LANCER VI (CJ-CP_) - 1.3 12V (CK1A) SOHC	4G13	1299	1995.12 ~ 1998.11	VKMA 95621
	LANCER VI (CJ-CP_) - 1.5 16V (CK2A) 16V SOHC	4G15	1468	1995.12 ~ 2003.08	VKMA 95650
	LANCER VI (CJ-CP_) - 1.5 16V (CK2A) DOHC	4G15	1468	1995.12 ~ 2000.09	VKMA 95622
	LANCER VI (CJ-CP_) - 1.5 16V (CK2A) SOHC	4G15	1468	1995.12 ~ 1998.11	VKMA 95621
	LANCER VI (CJ-CP_) - 1.6 16V (CK4A) SOHC	4G92	1597	1995.12 ~ 2003.08	VKMA 95623
	OUTLANDER I (CU_W) - 2.0 (CU2W)16V DOHC	4G63	1997	2003.05 ~ 2006.10	VKMA 95666
	OUTLANDER I (CU_W) - 2.0 4WD (CU2W)16V DOHC	4G63	1997	2003.05 ~ 2006.10	VKMA 95666
	OUTLANDER I (CU_W) - 2.0 Turbo 4WD (CU2W)16V DOHC	4G63T	1997	2004.04 ~ 2006.10	VKMA 95666
	OUTLANDER I (CU_W) - 2.4 4WD (CU5W)	4G69	2351	2003.09 ~ 2006.10	VKMA 95675
	OUTLANDER I (CU_W) - 2.4 4WD (CU5W)	4G69	2378	2003.05 ~ 2006.10	VKMA 95675
	PAJERO CLASSIC (V2_W) - 2.5 TD (V24W)	4D56	2477	2002.07 ~ 2004.04	VKMA 95014
	PAJERO I (L04_G, L14_G) - 2.5 TD (L044G, L049G)	4D56	2477	1990.01 ~ 1991.12	VKMA 95010
	PAJERO I (L04_G, L14_G) - 2.5 TD (L044G, L049G)	4D56	2477	1989.11 ~ 1990.11	VKMA 95010
PAJERO I (L04_G, L14_G) - 3.0 V6 (L141G, L146G)	6G72	2972	1988.11 ~ 1990.11	VKMA 95003	
PAJERO I Canvas Top (L04_G) - 2.3 TD (L043G, L048G)	4D55	2347	1983.01 ~ 1986.04	VKMA 95010	
PAJERO I Canvas Top (L04_G) - 2.5 TD (L044G, L049G)	4D56	2477	1986.05 ~ 1989.10	VKMA 95010	
PAJERO I Canvas Top (L04_G) - 2.5 TD (L044G, L049G)	4D56	2477	1989.11 ~ 1990.11	VKMA 95010	
PAJERO II (V3_W, V2_W, V4_W) - 2.4 (V21W, V21C)	4G64	2351	1991.04 ~ 1992.04	VKMA 95015	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD146186	GT80090												
MD146186	GT80090												
MD 030605	GT10010												
MD 030605	GT10010												
MD146186	GT80090												
MD 030605	GT10010												
MD356509	GT60030												
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD334548				MD 185544				MD 121993	GT10050				
MD334548				MD 185544				MD 121993	GT10050				
MD334548				MD 185544				MD 121993	GT10050				
1145A020	GT40950			MD 050125	GT10130			MN176844	GT70930				
1145A020	GT40950			MD 050125	GT10130			MN176844	GT70930	MN176844	GT70930		
MD146186	GT80090												
MD315265	GT80400												
MD 174352				MD 115976	GT10070			MD012587	GT90220				
MD356509	GT60030												
MD329976	GT80990												
MD356509	GT60030												
MD329976	GT80990							MD 121993	GT10050				
MD329976	GT80990												
MD320174	GT90550												
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MN137247	GT60050			MD352473	GT90700			MN137248	GT60480				
MN137247	GT60050			MD352473	GT90700			MN137248	GT60480				
MD 050125	GT10130			MD 050135	GT10140								
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD 104578	GT60770												
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD 128765	GT10040			MD 011536	GT10031								

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MITSUBISHI	PAJERO II (V3_W, V2_W, V4_W) - 2.5 TD 4WD (V24C, V24W)	4D56	2477	1990. 12 ~ 1993. 11	VKMA 95010
	PAJERO II (V3_W, V2_W, V4_W) - 2.5 TD 4WD (V24C, V24W)	4D56	2477	1990. 12 ~ 1993. 10	VKMA 95010
	PAJERO II (V3_W, V2_W, V4_W) - 2.5 TDiC (V44W, V24W)	4D56	2477	1991. 03 ~ 1993. 11	VKMA 95010
	PAJERO II (V3_W, V2_W, V4_W) - 2.5 TDiC (V44W, V24W)	4D56	2477	1991. 03 ~ 1993. 10	VKMA 95010
	PAJERO II (V3_W, V2_W, V4_W) - 3.0 V6 4WD (V23W, V43W, V23C)	6G72	2972	1990. 12 ~ 1994. 05	VKMA 95003
	PAJERO II (V3_W, V2_W, V4_W) - 3.5 V6 24V (V25W, V45W, V65W, V75W)	6G74(DOHC)	3497	1997. 07 ~ 1999. 10	VKMA 95039
	PAJERO II Canvas Top (V2_W, V4_W) - 2.4 (V41W, V21W, V21C)	4G64	2351	1991. 04 ~ 1992. 04	VKMA 95015
	PAJERO II Canvas Top (V2_W, V4_W) - 2.5 TD 4WD (V24C, V24W)	4D56	2477	1992. 06 ~ 1993. 10	VKMA 95010
	PAJERO II Canvas Top (V2_W, V4_W) - 3.0 V6 (V23W, v43W, V23C)	6G72	2972	1990. 12 ~ 1994. 05	VKMA 95003
	PAJERO III Canvas Top (V6_W, V7_W) - 2.5 TDi (V64W, V74W)	4D56	2477	2000. 04 ~ 2006. 08	VKMA 95014
	PAJERO III Canvas Top (V6_W, V7_W) - 2.5 TDi (V64W, V74W)	4D56	2477	2001. 09 ~ 2006. 08	VKMA 95014
	PAJERO III Canvas Top (V6_W, V7_W) - 3.5 V6 GDI (V65W, V75W)	6G74(DOHC)	3497	2000. 04 ~ 2006. 08	VKMA 95039
	PAJERO IV (V8_W, V9_W) - 3.8 V6 (V87W, V97W)	6G75	3828	2010. 02 ~	
	PAJERO IV (V8_W, V9_W) - 3.8 V6 (V87W, V97W)	6G75	3828	2007. 02 ~	
	PAJERO PININ (H6_W, H7_W) - 1.8 (H76W, H66W) DOHC	4G93	1834	2001. 11 ~ 2007. 06	VKMA 95645
	PAJERO PININ (H6_W, H7_W) - 1.8 (H76W, H66W) SOHC	4G93	1834	2001. 11 ~ 2007. 06	VKMA 95626
	PAJERO PININ (H6_W, H7_W) - 1.8 GDI (H66W) DOHC	4G93	1834	1999. 10 ~ 2007. 06	VKMA 95624
	PAJERO PININ (H6_W, H7_W) - 1.8 GDI (H66W) SOHC	4G93	1834	1999. 10 ~ 2007. 06	VKMA 95626
	PAJERO PININ (H6_W, H7_W) - 2.0 GDI (H67W, H77W)	4G94	1999	2000. 10 ~ 2007. 06	VKMA 95677
	PAJERO SPORT (K90) - 2.5 TD (K94W)	4D56	2477	1998. 11 ~ 2009. 02	VKMA 95014
	PAJERO SPORT (K90) - 2.5 TD (K94W)	4D56	2477	2002. 07 ~ 2009. 02	VKMA 95014
	PAJERO SPORT (K90) - 2.5 TD (K94W)	4D56	2477	2003. 08 ~ 2009. 02	VKMA 95014
	PAJERO SPORT (K90) - 3.0 V6 (K96W)	6G72	2972	2000. 06 ~ 2009. 02	VKMA 95613
	PAJERO SPORT (K90) - 3.0 V6 (K96W)	6G72	2972	1998. 11 ~ 2009. 02	VKMA 95613
	SANTAMO - 2.0 16V 4WD DOHC	4G63	1997	1999. 05 ~ 2000. 12	VKMA 95005
	SANTAMO - 2.0 16V 4WD SOHC	4G63	1997	1999. 05 ~ 2000. 12	VKMA 95642
	SANTAMO - 2.0 16V DOHC	4G63	1997	1999. 05 ~ 2000. 12	VKMA 95005
	SANTAMO - 2.0 16V SOHC	4G63	1997	1999. 05 ~ 2000. 12	VKMA 95642
	SAPPORO II (A16_A) - 1.6 GLX (A161A)	4G32	1597	1980. 08 ~ 1984. 09	
	SAPPORO II (A16_A) - 2.0 GSL (A164A)	4G63	1997	1981. 09 ~ 1983. 08	
	SAPPORO II (A16_A) - 2.0 GSR (A164A)	4G63	1995	1981. 09 ~ 1983. 01	
	SIGMA (F2_A, F1_A) - 3.0 V6 (F16A) SOHC	6G72	2972	1990. 12 ~ 1995. 03	VKMA 95003
SIGMA (F2_A, F1_A) - 3.0 V6 DOHC	F16A	2972	1990. 12 ~ 1995. 03	VKMA 95000	
SPACE RUNNER (N1_W, N2_W) - 1.8 (N11W)	4G93	1834	1991. 10 ~ 1999. 08	VKMA 95025	
SPACE RUNNER (N1_W, N2_W) - 2.0 TD (N18W)	4D68 T	1998	1992. 10 ~ 1999. 08	VKMA 95023	
SPACE STAR (DG_A) - 1.3 16V (DG1A)	4G13	1299	2002. 09 ~ 2002. 08	VKMA 95651	
SPACE STAR (DG_A) - 1.3 16V (DG1A)	4G13	1299	1998. 12 ~ 2004. 12	VKMA 95651	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD 050135	GT10140			MD 050125	GT10130								
MD 104578	GT60770												
MD 140071	GT10100							MD 151447	GT10110				
MD 128765	GT10040			MD 011536	GT10031								
MD 050135	GT10140			MD 050125	GT10130								
MD 104578	GT60770												
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD 169592	GT70320							MD 377198					
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD 050125	GT10130			MD 050135	GT10140								
MD 140071	GT10100							MD 151447	GT10110				
MD 140071	GT10100							MD 151447	GT10110				
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD 129033	GT10032			MD 128765	GT10040								
MD129355	GT60470			MD 115976	GT10070			MD 121993	GT10050				
MD 129033	GT10032			MD 128765	GT10040								
MD008965	GT80890			MD009650	GT80950								
MD 011536	GT10031			MD040754	GT80480								
MD 011536	GT10031			MD040754	GT80480								
MD 104578	GT60770												
MD 140071	GT10100							MD 151447	GT10110				
MD315265	GT80400												
MD 174352				MD 115976	GT10070			MD012587	GT90220				
MD356509	GT60030												
MD356509	GT60030												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MITSUBISHI	SPACE STAR (DG_A) - 1.3 16V (DG1A)	4G13	1299	1998. 12 ~ 2002. 08	VKMA 95651
	SPACE STAR (DG_A) - 1.6 16V (DG3A)	4G18	1584	2001. 04 ~ 2002. 08	VKMA 95651
	SPACE STAR (DG_A) - 1.8 GDI (DG5A)	4G93	1834	1998. 10 ~ 2001. 02	VKMA 95624
	SPACE STAR (DG_A) - 1.8 GDI (DG5A) SOHC	4G93	1834	1998. 06 ~ 2004. 12	VKMA 95626
	SPACE STAR (DG_A) - 1.8 MPI (DG5A)	4G93	1834	2002. 10 ~ 2004. 12	VKMA 95626
	SPACE WAGON (D0_V/W) - 1.8 GLX (D05V, D05W)	4G37	1755	1984. 01 ~ 1988. 12	VKMA 95008
	SPACE WAGON (D0_V/W) - 1.8 TD (D09V, D09W)	4D65 T	1796	1986. 06 ~ 1991. 04	
	SPACE WAGON (D0_V/W) - 2.0 4WD (D08W)	4G63	1997	1985. 03 ~ 1987. 04	
	SPACE WAGON (D0_V/W) - 2.0 GLX (D04W)	G63B	1997	1986. 06 ~ 1987. 04	
	SPACE WAGON (D0_V/W) - 2.0 GLX 4WD (D08W)	G63B	1997	1986. 06 ~ 1987. 04	
	SPACE WAGON (D0_V/W) - 2.0 GLXi (D04W)	4G63	1997	1988. 06 ~ 1990. 06	VKMA 95036
	SPACE WAGON (D0_V/W) - 2.0 GLXi 4WD (D08W)	4G63	1997	1988. 06 ~ 1990. 06	VKMA 95036
	SPACE WAGON (N3_W, N4_W) - 1.8 (N31W)	4G93	1834	1991. 10 ~ 1998. 10	VKMA 95025
	SPACE WAGON (N3_W, N4_W) - 1.8 TD (N35W)	4D65 T	1796	1991. 10 ~ 1998. 10	VKMA 95006
	SPACE WAGON (N3_W, N4_W) - 2.0 (N33W) 16V DOHC	4G63	1997	1992. 10 ~ 1998. 10	VKMA 95019
	SPACE WAGON (N3_W, N4_W) - 2.0 (N33W) 16V DOHC	4G63	1997	1992. 10 ~ 1998. 10	VKMA 95902
	SPACE WAGON (N3_W, N4_W) - 2.0 TD (N38W)	4D68 T	1998	1992. 10 ~ 1998. 10	VKMA 95023
	TREDIA (A21_) - 1.4 GLX (A211)	4G12	1410	1982. 10 ~ 1984. 08	VKMA 95206
	TREDIA (A21_) - 1.6 Turbo (A212)	4G32 T	1597	1982. 09 ~ 1985. 05	VKMA 95105
	TREDIA (A21_) - 1.8 GLS (A215)	4G37	1755	1984. 08 ~ 1986. 07	
	TREDIA (A21_) - 1.8 Turbo	G62B	1796	1984. 08 ~ 1986. 07	
	TREDIA (A21_) - GLS 1.6 (A212)	4G32	1597	1982. 09 ~ 1987. 10	
	GALANT VI (EA_) - 2.0 (EA2A) AC	4G63	1997	1998. 02 ~ 2000. 09	
	GRANDIS (NA_W) - 2.4 (NA4W)ALT, EUR	4G69	2378	2004. 04 ~ 2005. 05	
	GRANDIS (NA_W) - 2.4 ALT, EUR (NA4W) ALT, EUR	4G69	2378	2005. 06 ~ 2008. 12	
	LANCER Saloon (CS_A) - 2.0 16V EVO VIII (CT9A)	4G63	1997	2004. 05 ~ 2006. 07	
	NIMBUS (N9_W, N8_W) - 2.4 (N84W)	4G64	2351	1998. 11 ~ 2004. 01	
	NIMBUS (N9_W, N8_W) - 2.4 GDI (N84W)	4G64	2351	2000. 09 ~ 2004. 01	
	NIMBUS (N9_W, N8_W) - 2.4 GDI (N84W)	4G64	2351	1998. 10 ~ 2004. 01	
	OUTLANDER I (CU_W) - 2.0 4WD (CU2W)	4G63	1997	2003. 05 ~ 2006. 10	
	ASX (GA_W_) - 1.8	GA3W	1798	2010. 02 ~	
	ASX (GA_W_) - 1.8 4WD	GA3W	1798	2010. 02 ~	
	ASX (GA_W_) - 2.0 i	GA2W	1998	2010. 06 ~	
ASX (GA_W_) - 2.0 i 4WD	GA2W	1998	2010. 06 ~		
LANCER Saloon (CY/Z_A) - 1.8	4B10	1798	2010. 05 ~		
LANCER Saloon (CY/Z_A) - 2.0 EVO	4B11	1998	2008. 06 ~		
OUTLANDER II (CW_W) - 2.4 4WD	4B12	2360	2007. 09 ~		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD356509	GT60030												
MD356509	GT60030												
MD 169592	GT70320							MD121993	GT10050				
MD320174	GT90550												
MD320174	GT90550												
MD109958	GT80900			MD009650	GT80950								
MD040754	GT80480			MD 064641				MD012587	GT90220				
MD 011536	GT10031			MD040754	GT80480								
MD 011536	GT10031			MD040754	GT80480								
MD 011536	GT10031			MD040754	GT80480								
MD 011536	GT10031			MD 128765	GT10040								
MD 011536	GT10031			MD 128765	GT10040								
MD315265	GT80400												
MD040754	GT80480			MD 064641				MD012587	GT90220				
MD115976	GT10070			MD182537	GT80800			MD 121993	GT10050				
MD352473	GT90700			MD182537	GT80800			MD 121993	GT10050				
MD 174352				MD 115976	GT10070			MD012587	GT90220				
MD 030605	GT10010												
MD008965	GT80890												
MD008965	GT80890			MD009650	GT80950								
MD 011536	GT10031			MD040754	GT80480								
MD008965	GT80890			MD009650	GT80950								
MD362028	GT60060												
								MD374877	GT60040				
		MN149179						MD374877	GT60040				
								MD374877	GT60040				
MD362028	GT60060												
MD362028	GT60060												
MD362028	GT60060												
		MN149179						MD374877	GT60040				
								1341A005	GTA0920				
								1341A005	GTA0920				
								1341A005	GTA0920				
								1341A005	GTA0920				
								1341A005	GTA0920				
								1341A005	GTA0920				
								1341A005	GTA0920				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
MOSKVICH	ALEKO 2141 1.8 D	D18N,NA RTE,RTF,RTH	1753	1992.1995.11 ~	
	ALEKO 2141 1.8 D	D18N,NA RTE,RTF,RTH	1753	1995. 12 ~ 1996. 11	
	ALEKO 2141 1.8 D	D18N,NA RTE,RTF,RTH	1753	1996. 11 ~ 2000	
MOTOR IBERICA	TRADE 2.0 D	LD20IE	1952	1987~1994	
	VANETTE 2.0 D	LD20IE	1952	1987~1994	
	VANETTE 2.3 D	LD23	2283	1996~	
NISSAN	200 SX [S13] - 1.8 Turbo	CA18DET	1809	1988. 07 ~ 1993. 11	VKMA 92101
	300 ZX [Z31] - 3.0	VG30E	2960	1984. 01 ~ 1987. 12	VKMA 92004
	300 ZX [Z31] - 3.0 Turbo	VG30 / VG30T	2960	1987. 05 ~ 1990. 10	VKMA 92004
	300 ZX [Z31] - 3.0 Turbo	VG30 / VG30T	2960	1984. 04 ~ 1990. 10	VKMA 92004
	ALMERA I (N15) - 2.0 D	CD20	1974	1995. 11 ~ 2000. 07	VKMA 92516
	ALMERA I (N15) - 2.0 D	CD20	1974	1995. 11 ~ 1996. 04	VKMA 92513
	ALMERA I Hatchback (N15) - 2.0 D	CD20	1974	1995. 11 ~ 1996. 04	VKMA 92513
	BLUEBIRD (T72, T12) - 1.6	CA16S	1598	1986. 03 ~ 1990. 06	VKMA 92200
	BLUEBIRD (T72, T12) - 1.8 i 16V (RLT72)	CA18D	1809	1989. 02 ~ 1990. 12	VKMA 92101
	BLUEBIRD (T72, T12) - 2.0 (T12)	CA20S	1974	1985. 12 ~ 1987. 12	VKMA 92210
	BLUEBIRD (T72, T12) - 2.0 D (SLT72, T12)	LD20	1952	1986. 03 ~ 1990. 12	VKMA 92320
	BLUEBIRD (T72, T12) - 2.0 i (HLT72, T12)	CA20E	1974	1985. 12 ~ 1990. 12	VKMA 92210
	BLUEBIRD (U11) - 1.8	CA18S	1809	1983. 11 ~ 1988. 06	VKMA 92200
	BLUEBIRD (U11) - 1.8 Turbo(T12,T72)	CA18T	1809	1984. 04 ~ 1990. 05	VKMA 92200
	BLUEBIRD (U11) - 2.0 D	LD20	1952	1984. 04 ~ 1988. 01	VKMA 92320
	BLUEBIRD (U11) - 2.0 i	CA20E	1974	1984. 04 ~ 1988. 01	VKMA 92200
	BLUEBIRD Hatchback (T72, T12) - 1.6	CA16S	1598	1986. 03 ~ 1990. 06	VKMA 92210
	BLUEBIRD Hatchback (T72, T12) - 1.6	CA16S	1598	1986. 03 ~ 1991. 06	VKMA 92200
	BLUEBIRD Hatchback (T72, T12) - 1.8 i 16V (FRLT72)	CA18D	1809	1989. 02 ~ 1990. 12	VKMA 92101
	BLUEBIRD Hatchback (T72, T12) - 2.0 (T12)	CA20E / CA20S	1974	1985. 12 ~ 1987. 12	VKMA 92210
	BLUEBIRD Hatchback (T72, T12) - 2.0 i (FHLT72, T12)	CA20E	1974	1985. 12 ~ 1990. 12	VKMA 92210
	BLUEBIRD Hatchback (T72, T12) 2.0 D (FSLT72, T12)	LD20	1952	1986. 03 ~ 1990. 12	VKMA 92320
	BLUEBIRD Station Wagon (WU11) - 2.0	CA20S	1974	1988. 11 ~ 1990. 09	VKMA 92210
	BLUEBIRD Station Wagon (WU11) - 2.0 D	LD20	1952	1984. 04 ~ 1988. 01	VKMA 92320
	BLUEBIRD Station Wagon (WU11) - 2.0 D	LD20	1952	1986. 03 ~ 1990. 12	VKMA 92320
	BLUEBIRD Station Wagon (WU11)(T12,T72) - 2.0 i	CA20E	1974	1984. 04 ~ 1988. 07	VKMA 92200
	CHERRY III (N12) - 1.0	E10	988	1982. 05 ~ 1986. 05	VKMA 92000
	CHERRY III (N12) - 1.3	E13	1269	1982. 05 ~ 1986. 08	VKMA 92000
	CHERRY III (N12) - 1.5	E15S	1488	1983. 11 ~ 1986. 10	
	CHERRY III (N12) - 1.5 ET Turbo	E15ET	1488	1983. 01 ~ 1985. 12	
CHERRY III (N12) - 1.7 D	CD17	1681	1982. 10 ~ 1986. 07		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
6178656	GT80220			6177882	GT80210			1005823	GT80210				
1E0712700				6177882	GT80210			1005823	GT80210				
1040678				6177882	GT80210			1040677	GT90190				
13070-05E01	GT80770			13074-05E00	GT80740								
13070-05E01	GT80770			13074-05E00	GT80740								
13070-05E01	GT80770			13074-05E00	GT80740								
13070-D4200	GT90900							13077-D4200	GT90910				
13070-42L00	GT80340												
13070-42L00	GT80340												
13070-42L00	GT80340												
13070-16A10	GT60790			13070-57J00	GT80760			13077-54A02	GT60780				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-D0100	GT90890												
13070-D4200	GT90900							13077-D4200	GT90910				
13070-D0100	GT90890												
13070-05E00	GT80770							13074-05E00	GT80740				
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-05E00	GT80770							13074-05E00	GT80740				
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-D4200	GT90900							13077-D4200	GT90910				
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-05E00	GT80770							13074-05E00	GT80740				
13070-D0100	GT90890												
13070-05E00	GT80770							13074-05E00	GT80740				
13070-05E00	GT80770							13074-05E00	GT80740				
13070-D0100	GT90890												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-16A00	GT90190							13074-16A01					

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
NISSAN	INTERSTAR Box (X70) - dCi 100	G9U 720	2463	2003. 11 ~	VKMA 06503
	INTERSTAR Box (X70) - dCi 100	G9U 720	2464	2006. 04 ~	VKMA 06503
	INTERSTAR Box (X70) - dCi 120	G9U 720	2463	2002. 07 ~	VKMA 06503
	INTERSTAR Box (X70) - dCi 120	G9U 650	2464	2006. 09 ~	VKMA 06503
	INTERSTAR Box (X70) - dCi 150	G9U 632	2464	2006. 09 ~	VKMA 06503
	INTERSTAR Box (X70) - dCi 90	G9T 722	2188	2002. 07 ~	VKMA 06503
	INTERSTAR Bus (X70) - dCi 100	G9U 720	2463	2003. 11 ~	VKMA 06503
	INTERSTAR Bus (X70) - dCi 100	G9U 650	2464	2006. 04 ~	VKMA 06503
	INTERSTAR Bus (X70) - dCi 120	G9U 720	2463	2002. 07 ~	VKMA 06503
	INTERSTAR Bus (X70) - dCi 120	G9U 650	2464	2006. 09 ~	VKMA 06503
	INTERSTAR Bus (X70) - dCi 150	G9U 632	2464	2006. 09 ~	VKMA 06503
	INTERSTAR Bus (X70) - dCi 90	G9T 722	2188	2002. 07 ~	VKMA 06503
	INTERSTAR Platform/Chassis - dCi 100	G9U 720	2463	2004. 02 ~	VKMA 06503
	INTERSTAR Platform/Chassis - dCi 120	G9U 720	2463	2003. 08 ~	VKMA 06503
	INTERSTAR Platform/Chassis - dCi 120	G9U 650	2464	2006. 08 ~	VKMA 06503
	INTERSTAR Platform/Chassis - dCi 150	G9U 632	2464	2006. 08 ~	VKMA 06503
	LAUREL (JC32) - 2.8 D	LD28	2792	1985. 01 ~ 1987. 12	VKMA 92500
	LAUREL (JC32) - 2.8 D	RD28	2792	1985. 01 ~ 1989. 12	VKMA 92500
	MAXIMA II (J30) - 3.0 i	VG30E	2960	1988. 12 ~ 1993. 06	
	MICRA I (K10) - 1.0	MA10S	988	1982. 12 ~ 1988. 12	VKMA 92400
	MICRA I (K10) - 1.0	MA10S	988	1988. 12 ~ 1991. 05	VKMA 92401
	MICRA I (K10) - 1.2			1989. 01 ~ 1992. 07	VKMA 92411
	PATHFINDER (R50) - 3.3 V6 4WD	VG33E	3275	1997. 09 ~ 2004. 12	VKMA 92006
	PATROL GR I (Y60, GR) - 2.8 TD	RD28T	2826	1995. 10 ~ 1998. 02	VKMA 92500
	PATROL GR I (Y60, GR) - 2.8 TD (Y60A)	RD28T	2826	1988. 09 ~ 1994. 09	VKMA 92500
	PATROL GR II Wagon (Y61) - 2.8 TD	RD28Ti	2826	1999. 06 ~ 2000. 02	VKMA 92518
	PATROL GR II Wagon (Y61) - 2.8 TD	RD28Ti	2826	1997. 06 ~ 1999. 05	VKMA 92518
	PATROL GR II Wagon (Y61) - 2.8 TDiC	RD28Ti	2826	1999. 06 ~ 2000. 02	VKMA 92518
	PATROL GR II Wagon (Y61) - 2.8 TDiC	RD28Ti	2826	1997. 10 ~ 1999. 05	VKMA 92518
	PATROL Hardtop (K260) - 2.8 TD	RD28T	2826	1989. 06 ~ 1990. 06	VKMA 92500
	PATROL Station Wagon (W260) - 2.8 TD	RD28T	2826	1989. 06 ~ 1991. 06	VKMA 92500
	PRAIRIE (M10, NM10) - 1.5 S (M10)	E15S	1488	1984. 01 ~ 1987. 12	
PRAIRIE (M10, NM10) - 1.8 SGL (M10)	CA18S	1809	1983. 07 ~ 1985. 12	VKMA 92200	
PRAIRIE (M10, NM10) - 1.8 SGL (M10)	CA18S	1809	1985. 05 ~ 1987. 10	VKMA 92200	
PRAIRIE (M10, NM10) - 2.0 4x4 (NM10)	CA20S	1974	1986. 06 ~ 1988. 09	VKMA 92210	
PRAIRIE PRO (M11) - 2.0 i	CA20E	1974	1988. 10 ~ 1992. 04	VKMA 92210	
PRAIRIE PRO (M11) - 2.0 i 4x4	CA20E	1974	1988. 10 ~ 1992. 12	VKMA 92210	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
		13070-00QAD						13077-00QAA	GT30520				
		13070-00QAE											
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-42L00	GT80340												
13070-01B00	GT80780												
13070-01B00	GT80780												
GT80780	ATB2082												
13070-42L00	GT80340												
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-V7201	GT80790							13077-V7200	GT90160				
13070-01M00	GT80110												
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-D0100	GT90890												
13070-D0100	GT90890												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
NISSAN	PRIMASTAR Bus (X83) - dCi 140	G9U 730	2463	2003. 07 ~	VKMA 06503
	PRIMERA (P10) - 2.0 D	CD20	1974	1991. 01 ~ 1995. 05	VKMA 92513
	PRIMERA (P11) - 2.0 TD	CD20T	1974	1996. 09 ~ 2001. 12	VKMA 92520
	PRIMERA Hatchback (P11) - 2.0 TD	CD20T	1974	1999. 06 ~ 2002. 01	VKMA 92520
	PRIMERA Traveller (W10) - 2.0 D	CD20	1974	1990. 07 ~ 1995. 12	VKMA 92513
	PRIMERA Traveller (WP11) - 2.0 TD	CD20T	1974	1999. 06 ~	VKMA 92520
	SERENA (C23M) - 2.0 D	LD20	1952	1992. 11 ~ 2001. 09	VKMA 92012
	SERENA (C23M) - 2.3 D	LD23	2283	1995. 01 ~ 2001. 09	VKMA 92519
	SUNNY Box (Y10) - 1.7 D	CD17	1681	1992. 05 ~ 1993. 10	
	SUNNY I (B11) - 1.3	E13 / E13S	1269	1982. 03 ~ 1987. 09	VKMA 92000
	SUNNY I (B11) - 1.5	E15S	1488	1982. 03 ~ 1986. 10	
	SUNNY I Coupe (B11) - 1.3	E13 / E13S	1269	1982. 04 ~ 1986. 09	VKMA 92000
	SUNNY I Coupe (B11) - 1.5	E15S	1488	1982. 03 ~ 1986. 10	
	SUNNY I Traveller (B11) - 1.3	E13 / E13S	1269	1982. 03 ~ 1987. 09	VKMA 92000
	SUNNY I Traveller (B11) - 1.5	E15S	1488	1982. 03 ~ 1986. 10	
	SUNNY II (N13) - 1.3	E13 / E13S	1269	1986. 07 ~ 1990. 08	VKMA 92000
	SUNNY II (N13) - 1.5	E15S	1487	1986. 06 ~ 1988. 10	
	SUNNY II (N13) - 1.6	E16S	1597	1986. 06 ~ 1988. 10	
	SUNNY II (N13) - 1.6 GTI 16V DOHC	CA16D	1598	1987. 02 ~ 1988. 10	VKMA 92101
	SUNNY II (N13) - 1.6 i	E16i	1597	1986. 06 ~ 1990. 08	
	SUNNY II (N13) - 1.6 i 4x4 (A)	E16i	1597	1986. 06 ~ 1990. 08	
	SUNNY II (N13) - 1.7 D	CD17	1681	1986. 06 ~ 1989. 05	
	SUNNY II Coupe (B12) - 1.5	E15S	1487	1986. 06 ~ 1988. 10	
	SUNNY II Coupe (B12) - 1.6	E16S	1597	1986. 06 ~ 1988. 10	
	SUNNY II Coupe (B12) - 1.6 GTI 16V DOHC	CA16D	1598	1987. 05 ~ 1988. 10	VKMA 92101
	SUNNY II Coupe (B12) - 1.6 i	E16i	1597	1986. 06 ~ 1989. 05	
	SUNNY II Coupe (B12) - 1.8 GTI 16V DOHC	CA18D	1809	1989. 01 ~ 1991. 06	VKMA 92101
	SUNNY II Hatchback (N13) - 1.3	E13 / E13S	1269	1986. 06 ~ 1988. 10	VKMA 92000
	SUNNY II Hatchback (N13) - 1.5	E15S	1487	1986. 06 ~ 1988. 10	
	SUNNY II Hatchback (N13) - 1.6	E16S	1597	1986. 06 ~ 1988. 10	
	SUNNY II Hatchback (N13) - 1.6 GTI 16V DOHC	CA16D	1598	1987. 06 ~ 1988. 10	VKMA 92101
	SUNNY II Hatchback (N13) - 1.6 i	E16i	1597	1986. 06 ~ 1990. 08	
	SUNNY II Hatchback (N13) - 1.7 D	CD17	1681	1986. 06 ~ 1990. 08	
SUNNY II Hatchback (N13) - 1.8 GTI 16V DOHC	CA18D	1809	1989. 01 ~ 1990. 08	VKMA 92101	
SUNNY II Traveller (B12) - 1.5	E15S	1487	1986. 06 ~ 1988. 10		
SUNNY II Traveller (B12) - 1.6	E16S	1597	1986. 06 ~ 1988. 10		
SUNNY II Traveller (B12) - 1.6 i	E16i	1598	1986. 08 ~ 1989. 05		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		13070-00QAD 13070-00QAE						13077-00QAA	GT30520				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-57J00	GT80760			13070-2F600				13077-54A02	GT60780				
13070-57J00	GT80760			13070-2F600				13077-54A02	GT60780				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-57J00	GT80760			13070-2F600				13077-54A02	GT60780				
13070-05E00	GT80770							13074-05E00	GT80740				
13070-05E00	GT80770							13074-05E00	GT80740				
13070-16A00	GT90190			13070-16A10	GT60790			13077-54A00	GT80810				
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-D4200	GT90900							13077-D4200	GT90910				
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-16A00	GT90190			13070-16A10	GT60790			13077-54A00	GT80810				
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-D4200	GT90900							13077-D4200	GT90910				
13070-01M00	GT80110												
13070-D4200	GT90900							13077-D4200	GT90910				
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-D4200	GT90900							13077-D4200	GT90910				
13070-01M00	GT80110												
13070-16A00	GT90190			13070-16A10	GT60790			13077-54A00	GT80810				
13070-D4200	GT90900							13077-D4200	GT90910				
13070-01M00	GT80110												
13070-01M00	GT80110												
13070-01M00	GT80110												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
NISSAN	SUNNY II Traveller (B12) - 1.6 i 4x4 (A)	E16i	1598	1986.06 ~ 1989.05	
	SUNNY II Traveller (B12) - 1.7 D	CD17	1681	1986.06 ~ 1990.08	
	SUNNY III (N14) - 2.0 D	CD20	1974	1990.10 ~ 1995.05	VKMA 92513
	SUNNY III Hatchback (N14) - 2.0 D	CD20	1974	1990.10 ~ 1995.05	VKMA 92513
	SUNNY III Liftback (N14) - 2.0 D	CD20	1974	1990.10 ~ 1995.05	VKMA 92513
	SUNNY III Traveller (Y10) - 2.0 D	CD20	1974	1991.06 ~ 1995.11	VKMA 92513
	TERRANO I (WD21) - 3.0 i 4WD	VG30E	2960	1990.01 ~ 1995.12	VKMA 92004
	TERRANO I (WD21) - 3.0 i 4WD	VG30E	2960	1993.08 ~ 1994.05	VKMA 92006
	VANETTE Box (C22) - 2.0 D	LD20II	1952	1991.07 ~ 1995.01	VKMA 92012
	VANETTE Bus (C22) - 2.0 D (ULC22)	LD20	1952	1986.10 ~ 1995.12	VKMA 92012
	VANETTE CARGO Box (HC 23) - 2.0 D	CD20ET	1952	1997.01 ~ 1998.01	
	VANETTE CARGO Box (HC 23) - 2.3 D	LD23	2283	1995.01 ~ 2001.11	VKMA 92519
	VANETTE CARGO Bus (HC 23) - 2.0 D	CD20ET	1952	1997.01 ~ 1998.01	
	VANETTE CARGO Bus (HC 23) - 2.3 D	LD23	2283	1996.01 ~ 2001.11	VKMA 92519
	MICRA III (K12) - 1.0 16V ALT	CG10DE	998	2003.01 ~ 2006.05	
	MICRA III (K12) - 1.2 16V AC	CG12DE / CR12DE	1240	2003.01 ~ 2004.06	
	MICRA III (K12) - 1.4 16V ALT	CGA3DE / CR14DE	1386	2003.01 ~ 2010.06	
	ALMERA II Hatchback (N16) - 1.5 dCi	K9K	1461	2003.01 ~ 2004.04	VKMA 06134
	ALMERA II (N16) - 1.5 dCi	K9K	1461	2004.05 ~ 2006.11	VKMA 06134
	ALMERA II (N16) - 1.5 dCi	K9K	1461	2003.01 ~ 2004.04	VKMA 06134
	CUBE (Z12) - 1.5 dCi	K9K	1461	2010.03 ~	VKMA 06134
	KUBISTAR (X76) - 1.5 dCi	K9K 700 / K9K 702 / K9K 704 / K9K 710 / / K9K 714 / K9K 716 / K9K 718	1461	2003.08 ~	VKMA 06134
	KUBISTAR (X76) - 1.5 dCi	K9K 700 / K9K 702 / K9K 704 / K9K 710 / / K9K 714 / K9K 716 / K9K 718	1461	2005.08 ~	VKMA 06134
	KUBISTAR (X76) - 1.5 dCi 70	K9K 700 / K9K 702 / K9K 704 / K9K 710 / / K9K 714 / K9K 716 / K9K 718	1461	2006.04 ~	VKMA 06134
	KUBISTAR (X76) - 1.5 dCi 85	K9K 700 / K9K 702 / K9K 704 / K9K 710 / / K9K 714 / K9K 716 / K9K 718	1461	2006.04 ~	VKMA 06134
	KUBISTAR Box - 1.5 dCi	K9K 700 / K9K 702 / K9K 704 / K9K 710 / / K9K 714 / K9K 716 / K9K 718	1461	2005.05 ~	VKMA 06134
	KUBISTAR Box - 1.5 dCi	K9K 700 / K9K 702 / K9K 704 / K9K 710 / / K9K 714 / K9K 716 / K9K 718	1461	2003.08 ~	VKMA 06134
	MICRA III (K12) - 1.5 dCi	K9K	1461	2003.02 ~ 2004.04	VKMA 06134
	MICRA III (K12) - 1.5 dCi	K9K	1461	2004.05 ~ 2007.09	VKMA 06134
	MICRA III (K12) - 1.5 dCi	K9K	1461	2005.06 ~ 2007.09	VKMA 06134
	MICRA III (K12) - 1.5 dCi	K9K	1461	2004.05 ~ 2007.09	VKMA 06134
	MICRA III (K12) - 1.5 dCi	K9K	1461	2003.09 ~ 2004.04	VKMA 06134
MICRA III (K12) - 1.5 dCi	K9K	1461	2005.06 ~ 2007.09	VKMA 06134	
NOTE (E11) - 1.5 dCi	K9K	1461	2006.03 ~ 2008.01	VKMA 06134	
NOTE (E11) - 1.5 dCi	K9K	1461	2008.01 ~ 2007.12	VKMA 06134	
NOTE (E11) - 1.5 dCi	K9K	1461	2008.07 ~	VKMA 06134	
QASHQAI / QASHQAI +2 (J10, JJ10) - 1.5 dCi	K9K	1461	2008.07 ~ 2008.08	VKMA 06134	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13070-01M00	GT80110												
13070-16A00	GT90190			13070-16A10	GT60790			13077-54A00	GT80810				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-57J00	GT80760			13070-16A10	GT60790			13077-54A00	GT80810				
13070-42L00	GT80340												
13070-42L00	GT80340												
13070-05E00	GT80770							13074-05E00	GT80740				
13070-05E00	GT80770							13074-05E00	GT80740				
13070-57J00	GT80760			13070-3C900				13077-54A02	GT60780	13077-3C900			
13070-05E00	GT80770							13074-05E00	GT80740				
13070-57J00	GT80760			13070-3C900				13077-54A02	GT60780	13077-3C900			
13070-05E00	GT80770							13074-05E00	GT80740				
11925-AX00A	GT40910												
11925-AX00A	GT40910												
11925-AX00A	GT40910												
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										
		8200 102 941	GTB0100										

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
NISSAN	QASHQAI / QASHQAI +2 (J10, JJ10) - 1.5 dCi	K9K	1461	2008. 08 ~	VKMA 06134
	QASHQAI / QASHQAI +2 (J10, JJ10) - 1.5 dCi	K9K	1461	2010. 11 ~	VKMA 06134
	TIIDA Hatchback (C11X) - 1.5 dCi	K9K	1461	2007. 09 ~ 2010. 03	VKMA 06134
	TIIDA Saloon (SC11X) - 1.5 dCi	K9K	1461	2007. 09 ~ 2010. 03	VKMA 06134
	KUBISTAR (X76) - 1.2 16V	D4F 712	1149	2006. 04 ~	VKMA 06002
	KUBISTAR Box - 1.2 16V	D4F 712	1149	2006. 04 ~	VKMA 06002
OPEL	ALMERA II Hatchback (N16) - 1.5 dCi	K9K	1461	2003. 01 ~	
	ALMERA II (N16) - 1.5 dCi	K9K	1461	2003. 01 ~	
	MICRA III (K12) - 1.5 dCi	K9K	1461	2003. 01 ~ 2010. 06	
	MICRA III (K12) - 1.5 dCi	K9K	1461	2003. 09 ~ 2010. 06	
	ANTARA - 2.4	Z 24 XE	2405	2006. 05 ~	VKMA 05228
	ANTARA - 2.4	Z 24 XE	2405	2008. 09 ~	VKMA 05228
	ANTARA - 2.4 4x4	Z 24 XE	2405	2007. 01 ~	VKMA 05228
	ANTARA - 2.4 LPG	Z 24 XE	2405	2008. 10 ~	VKMA 05228
	ANTARA - 2.4 LPG 4x4	Z 24 XE	2405	2008. 10 ~	VKMA 05228
	ARENA Box - 1.9 D	19 DJ / 19 DL	1870	1997. 01 ~ 2001. 12	VKMA 06114
	ARENA Box (TB, TF) - 1.9 D	F8Q 600 / F8Q 606	1870	1998. 03 ~ 2001. 08	VKMA 06114
	ARENA Box (TB, TF) - 2.5 D	S8U 758 / S8U 780 / S8U 782	2499	1997. 01 ~ 2001. 12	VKMA 02383
	ARENA Box (TB, TF) - 2.5 D	S8U 758 / S8U 780 / S8U 782	2499	1998. 03 ~ 2001. 08	VKMA 02383
	ARENA Combi (THB) - 1.9 D	F8Q 600 / F8Q 606	1870	1998. 03 ~ 2001. 08	VKMA 06114
	ARENA Combi (THB) - 2.5 D	S8U 758 / S8U 780 / S8U 782	2499	1998. 03 ~ 2001. 08	VKMA 02383
	ASTRA F (56, 57) - 1.4 i 16V	X 14 XE	1389	1996. 02 ~ 1998. 09	VKMA 05150
	ASTRA F (56, 57) - 1.6 i 16V	X 16 XEL	1598	1994. 08 ~ 1998. 09	VKMA 05150
	ASTRA F (56, 57) - 1.7 TDS	17 TD (ISUZU)	1686	1992. 03 ~ 1998. 09	VKMA 05213
	ASTRA F (56, 57) - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1995. 02 ~ 1998. 09	VKMA 05220
	ASTRA F (56_, 57_) - 1.8 i 16V	18 SE	1796	1995. 09 ~ 1996. 09	VKMA 05222
	ASTRA F (56_, 57_) - 1.8 i 16V	C 18 SEL	1796	1995. 09 ~ 1997. 08	VKMA 05222
	ASTRA F (56_, 57_) - 1.8 i 16V	C 18 XEL / X 18 XE	1799	1994. 11 ~ 1998. 09	VKMA 05222
	ASTRA F (56_, 57_) - 1.8 i 16V	C 18 XE	1799	1993. 06 ~ 1994. 10	VKMA 05222
	ASTRA F (56_, 57_) - 2.0 i 16V	X 20 XEV	1998	1995. 02 ~ 1998. 09	VKMA 05222
	ASTRA F CLASSIC Hatchback - 1.8 i	X 18 XE	1796	1998. 03 ~ 2000. 08	VKMA 05222
	ASTRA F CLASSIC Hatchback - 2.0 i	X 20 XEV	1998	1998. 03 ~ 2000. 08	VKMA 05222
	ASTRA F Convertible (53_B) - 1.8 i 16V	C 18 XEL / X 18 XE	1799	1994. 11 ~ 2001. 03	VKMA 05222
	ASTRA F Convertible (53B) - 1.4 i 16V	X 14 XE	1389	1996. 01 ~ 2001. 03	VKMA 05150
	ASTRA F Estate (51, 52) - 1.4 i 16V	X 14 XE	1389	1996. 02 ~ 1998. 01	VKMA 05150
	ASTRA F Estate (51, 52) - 1.6 i 16V	X 16 XEL	1598	1994. 08 ~ 1998. 01	VKMA 05150
	ASTRA F Estate (51, 52) - 1.7 TDS	17 TD (ISUZU)	1686	1991. 12 ~ 1998. 01	VKMA 05213



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		13077-00Q0A	GTB0320										
		13077-00Q0A	GTB0320										
11955-BN703	GTA0370												
11955-BN703	GTA0370												
11955-BN703	GTA0370												
11955-BN703	GTA0370												
		636723/636729						09128738	GT90540	09128738	GT90540		
		636723/636729						09128738	GT90540	09128738	GT90540		
		636723/636729						09128738	GT90540	09128738	GT90540		
		636723/636729						09128738	GT90540	09128738	GT90540		
		636723/636729						09128738	GT90540	09128738	GT90540		
44 01 609	GT60100							44 03 270	GT60110				
44 01 609	GT60100							44 03 270	GT60110				
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
44 01 609	GT60100							44 03 270	GT60110				
								99432547	GT60520	99432547	GT60520		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
6 36 735	GT90310							56 36 395					
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
6 36 735	GT90310							56 36 395					

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
OPEL	ASTRA F Estate (51, 52) - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1993. 03 ~ 1998. 01	VKMA 05220
	ASTRA F Estate (51_, 52_) - 1.8 i 16V	C 18 XEL / X 18 XE	1799	1994. 07 ~ 1998. 01	VKMA 05222
	ASTRA F Estate (51_, 52_) - 1.8 i 16V	C 18 XE	1799	1993. 06 ~ 1998. 01	VKMA 05222
	ASTRA F Estate (51_, 52_) - 2.0 i 16V	X 20 XEV	1998	1995. 02 ~ 1998. 01	VKMA 05222
	ASTRA F Hatchback (53, 54, 58, 59) - 1.4 i 16V	X 14 XE	1389	1996. 01 ~ 1998. 01	VKMA 05150
	ASTRA F Hatchback (53, 54, 58, 59) - 1.7 TDS	17 TD (ISUZU)	1686	1991. 12 ~ 1998. 01	VKMA 05213
	ASTRA F Hatchback (53, 54, 58, 59) - 2.0 GSI 16V (MOT:14 142839)	C 20 XE	1998	1991. 09 ~ 1998. 01	VKMA 05220
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.4	14 NV	1389	1991. 09 ~ 1993. 09	VKMA 05121
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.4 i	C 14 NZ	1389	1992. 03 ~ 1998. 01	VKMA 05121
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.6 i	X 16 SZ	1598	1993. 05 ~ 1996. 07	VKMA 05121
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.6 i	C 16 NZ / C 16 NZR / X 16 SZR	1598	1991. 09 ~ 1998. 01	VKMA 05121
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.8 i 16V	C 18 XEL / X 18 XE	1799	1994. 09 ~ 1998. 01	VKMA 05222
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.8 i 16V	C 18 XE	1799	1993. 06 ~ 1994. 08	VKMA 05222
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 2.0 i 16V	X 20 XEV	1998	1995. 02 ~ 1998. 01	VKMA 05222
	ASTRA F Van (55) - 1.6 i 16V	X 16 XEL	1598	1994. 08 ~ 1998. 03	VKMA 05150
	ASTRA F Van (55) - 1.7 TD	17 D (ISUZU) / X 17 D (ISUZU)	1686	1995. 03 ~ 1998. 02	VKMA 05213
	ASTRA G Convertible - 1.6 16V 02 HL5117	Z 16 XE	1598	2001. 03 ~ 2005. 10	VKMA 05152
	ASTRA G Convertible - 1.6 16V 02 HL5118	Z 16 XE	1598	2001. 03 ~ 2005. 10	VKMA 05156
	ASTRA G Convertible - 1.8 16V 02 HL5117	Z 18 XE	1796	2001. 03 ~ 2005. 10	VKMA 05152
	ASTRA G Convertible - 1.8 16V 02 HL5118	Z 18 XE	1796	2001. 03 ~ 2005. 10	VKMA 05156
	ASTRA G Convertible - 2.0 16V Turbo	Z 20 LET	1998	2002. 11 ~ 2005. 10	VKMA 05140
	ASTRA G Coupe (F07) - 1.6 16V 02 HL5117	Z 16 XE	1598	2000. 03 ~ 2005. 05	VKMA 05152
	ASTRA G Coupe (F07) - 1.6 16V 02 HL5118	Z 16 XE	1598	2000. 03 ~ 2005. 05	VKMA 05156
	ASTRA G Coupe (F07) - 1.8 16V 02 HL5117	Z 18 XE	1796	2000. 03 ~ 2005. 05	VKMA 05152
	ASTRA G Coupe (F07) - 1.8 16V 02 HL5118	Z 18 XE	1796	2000. 03 ~ 2005. 05	VKMA 05156
	ASTRA G Coupe (F07_) - 2.0 16V Turbo	Z 20 LET	1998	2000. 09 ~ 2005. 05	VKMA 05140
	ASTRA G Estate (F35) - 1.4 16V 02 HL5117	X 14 XE / Z 14 XE	1389	1998. 06 ~ 2004. 07	VKMA 05152
	ASTRA G Estate (F35) - 1.4 16V 02 HL5118	X 14 XE / Z 14 XE	1389	1998. 06 ~ 2004. 07	VKMA 05156
	ASTRA G Estate (F35) - 1.6 16V 02 HL5117	X 16 XEL / Z 16 XE	1598	1998. 02 ~ 2004. 07	VKMA 05152
	ASTRA G Estate (F35) - 1.6 16V 02 HL5118	X 16 XEL / Z 16 XE	1598	1998. 02 ~ 2004. 07	VKMA 05156
	ASTRA G Estate (F35) - 1.8 16V 02 HL5117	Z 18 XE	1796	2000. 09 ~ 2004. 07	VKMA 05152
	ASTRA G Estate (F35) - 1.8 16V 02 HL5118	Z 18 XE	1796	2000. 09 ~ 2004. 07	VKMA 05156
	ASTRA G Hatchback (F48, F08) - 1.4 16V 02 HL5117	X 14 XE / Z 14 XE	1389	1998. 02 ~ 2005. 01	VKMA 05152
	ASTRA G Hatchback (F48, F08) - 1.4 16V 02 HL5118	X 14 XE / Z 14 XE	1389	1998. 02 ~ 2005. 01	VKMA 05156
	ASTRA G Hatchback (F48, F08) - 1.6 16V 02 HL5117	X 16 XEL / Z 16 XE	1598	1998. 02 ~ 2005. 01	VKMA 05152
	ASTRA G Hatchback (F48, F08) - 1.6 16V 02 HL5118	X 16 XEL / Z 16 XE	1598	1998. 02 ~ 2005. 01	VKMA 05156
	ASTRA G Hatchback (F48, F08) - 1.8 16V 02 HL5117	X 18 XE1	1796	1998. 02 ~ 2005. 01	VKMA 05152





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
6 36 735	GT90310							56 36 395					
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90353176	GTB0020										
		90353176	GTB0020										
		90353176	GTB0020										
		90353176	GTB0020										
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
6 36 735	GT90310							56 36 395					
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		56 36 384 56 36 746						56 36 423	GT60590				
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		56 36 384 56 36 746						56 36 423	GT60590				
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
OPEL	ASTRA G Hatchback (F48, F08) - 1.8 16V 02 HL5118	X 18 XE1	1796	1998. 02 ~ 2005. 01	VKMA 05156
	ASTRA G Hatchback (F48_, F08_) - 1.6	X 16 SZR	1598	1998. 02 ~ 2000. 09	VKMA 05121
	ASTRA G Hatchback (F48_, F08_) - 1.6	Z 16 SE	1598	2000. 09 ~ 2005. 01	VKMA 05121
	ASTRA G Hatchback (F48_, F08_) - 2.0 16V	X 20 XEV	1998	1998. 02 ~ 2005. 01	VKMA 05224
	ASTRA G Hatchback (F48_, F08_) - 2.0 16V OPC	X 20 XER	1998	1999. 11 ~ 2002. 09	VKMA 05140
	ASTRA G Saloon (F69) - 1.4 16V 02 HL5117	X 14 XE / Z 14 XE	1389	1998. 09 ~ 2005. 01	VKMA 05152
	ASTRA G Saloon (F69) - 1.4 16V 02 HL5118	X 14 XE / Z 14 XE	1389	1998. 09 ~ 2005. 01	VKMA 05156
	ASTRA G Saloon (F69) - 1.6 16V 02 HL5117	X 16 XEL / Z 16 XE	1598	1998. 09 ~ 2005. 01	VKMA 05152
	ASTRA G Saloon (F69) - 1.6 16V 02 HL5118	X 16 XEL / Z 16 XE	1598	1998. 09 ~ 2005. 01	VKMA 05156
	ASTRA G Saloon (F69) - 1.8 16V 02 HL5117	X 18 XE1	1796	1998. 09 ~ 2000. 09	VKMA 05152
	ASTRA G Saloon (F69) - 1.8 16V 02 HL5118	X 18 XE1	1796	1998. 09 ~ 2000. 09	VKMA 05156
	ASTRA G Saloon (F69_) - 1.6	X 16 SZR	1598	1998. 09 ~ 2000. 09	VKMA 05121
	ASTRA H - 1.8	Z 18 XE	1796	2004. 03 ~	VKMA 05156
	ASTRA H - 2.0 Turbo	Z 20 LEL	1998	2004. 03 ~	VKMA 05142
	ASTRA H - 2.0 Turbo	Z 20 LER	1998	2004. 09 ~	VKMA 05142
	ASTRA H - 2.0 Turbo	Z 20 LEH	1998	2005. 03 ~	VKMA 05142
	ASTRA H GTC - 1.8	Z 18 XE	1796	2005. 03 ~	VKMA 05156
	BRAVA Pickup - 2.3 (TFR16)	4 ZD1	2255	1991. 08 ~ 1994. 08	VKMA 99001
	BRAVA Pickup - 2.3 (TFR16)	23 P	2254	1994. 08 ~ 1996. 09	VKMA 99001
	BRAVA Pickup - 2.3 4x4 (TFS16)	4 ZD1	2255	1990. 06 ~ 1994. 08	VKMA 99001
	BRAVA Pickup - 2.3 4x4 (TFS16)	23 P	2254	1994. 08 ~ 1996. 09	VKMA 99001
	CALIBRA A (85) - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1990. 06 ~ 1994. 02	VKMA 05220
	CALIBRA A (85) - 2.0 i Turbo 4x4 (MOT:14 002935)	C 20 LET	1998	1992. 03 ~ 1997. 07	VKMA 05220
	CALIBRA A (85_) - 2.0 i 16V	X 20 XEV	1998	1994. 02 ~ 1997. 07	VKMA 05222
	CALIBRA A (85_) - 2.0 i 16V 4x4	X 20 XEV	1998	1994. 02 ~ 1997. 07	VKMA 05222
	CALIBRA A (85_) - 2.0 i 16V 4x4 (14 142839)	C 20 XE	1998	1990. 06 ~ 1994. 02	VKMA 05220
	CAMPO (TF_) - 2.3 (TFR16)	23	2255	1991. 08 ~ 1994. 08	VKMA 99001
	CAMPO (TF_) - 2.3 (TFR16)	23	2254	1994. 08 ~ 1996. 09	VKMA 99001
	CAMPO (TF_) - 2.3 4x4 (TFS16)	23	2255	1991. 08 ~ 1994. 08	VKMA 99001
	CAMPO (TF_) - 2.3 4x4 (TFS16)	23	2254	1994. 08 ~ 1996. 09	VKMA 99001
	CAMPO (TF_) - 2.5 D (TFR54)	25 D	2499	1991. 08 ~ 1994. 06	VKMA 99004
	CAMPO (TF_) - 2.5 D 4x4 (TFS54)	25 D	2499	1991. 08 ~ 1994. 06	VKMA 99004
	CAMPO (TF_) - 2.5 DTI	25 TDI	2499	2001. 12 ~	VKMA 99004
CAMPO (TF_) - 2.5 DTI 4x4	25 TDI	2499	2001. 12 ~	VKMA 99004	
CAMPO (TF_) - 2.5 TD (TFR54)	25 TD	2499	1994. 07 ~	VKMA 99004	
CAMPO (TF_) - 2.5 TD 4x4 (TFS54)	25 TD	2499	1994. 07 ~	VKMA 99004	
CAMPO (TF_) - 3.1 TD (TFR69)	31 TD	3059	1992. 12 ~	VKMA 99004	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		90353176	GTB0020										
		90353176	GTB0020										
		90411774	GTB0050					56 36 423	GT60590				
		56 36 384 56 36 746						56 36 423	GT60590				
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		90353176	GTB0020										
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		56 36 384 56 36 746						56 36 423	GT60590	55353701			
		56 36 384 56 36 746						56 36 423	GT60590	55353701			
		56 36 384 56 36 746						56 36 423	GT60590	55353701			
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
94215197	GT80250												
94215197	GT80250												
94215197	GT80250												
94215197	GT80250												
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
94215197	GT80250												
94215197	GT80250												
94215197	GT80250												
94215197	GT80250												
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
OPEL	CAMPO (TF_) - 3.1 TD 4x4 (TFS69)	31 TD	3059	1992. 12 ~	VKMA 99004
	COMBO (71) - 1.4 16V	X 14 XE	1389	1999. 08 ~ 2001. 10	VKMA 05150
	COMBO (71) - 1.7 D	17 D (ISUZU) / X 17 D (ISUZU)	1686	1994. 07 ~ 2001. 10	VKMA 05213
	COMBO Tour - 1.6 CNG	Z 16 YNG	1598	2005. 04 ~	VKMA 05156
	CORSA B (73, 78, 79) - 1.4 i 16V	C 14 SEL	1389	1997. 08 ~ 2000. 09	VKMA 05150
	CORSA B (73, 78, 79) - 1.4 i 16V	X 14 XE	1389	1994. 09 ~ 2000. 09	VKMA 05150
	CORSA B (73, 78, 79) - 1.6 GSI 16V	C 16 XE	1598	1993. 03 ~ 2000. 09	VKMA 05150
	CORSA B (73, 78, 79) - 1.6 i 16V	C 16 SEL	1598	1997. 08 ~ 2000. 09	VKMA 05150
	CORSA B (73, 78, 79) - 1.6 i 16V	X 16 XE	1598	1994. 09 ~ 2000. 09	VKMA 05150
	CORSA B (73, 78, 79) - 1.7 D	17 D (ISUZU) / X 17 D (ISUZU)	1686	1996. 02 ~ 2000. 09	VKMA 05213
	CORSA C (F08, F68) - 1.4	Z 14 XE	1389	2000. 09 ~ 2009. 12	VKMA 05156
	CORSA C (F08, F68) - 1.6 CNG	Y 16 YNG	1598	2003. 05 ~ 2009. 12	VKMA 05156
	CORSA C (F08, F68) - 1.8	Z 18 XE	1796	2000. 09 ~ 2009. 12	VKMA 05156
	FRONTERA A (5_MWL4) - 2.2 i (54MWL4) (CH: VV 600001)	X 22 XE	2198	1997. 01 ~ 1998. 10	VKMA 05228
	FRONTERA A (5_MWL4) - 2.2 i (54MWL4) (CH: TV 899999)	X 22 XE	2198	1995. 03 ~ 1996. 12	VKMA 05223
	FRONTERA A (5_MWL4) - 2.8 TD (5BMW4)	28 TDI	2771	1995. 03 ~ 1998. 10	VKMA 99004
	FRONTERA A Sport (5_SUD2) - 2.8 TD (53SUD2)	28 TDI	2771	1995. 03 ~ 1996. 08	VKMA 99004
	FRONTERA B (6B_) - 2.2 i (6B_ZC, 6B_VF, 6B_66, 6B_76)	X 22 SE / Y 22 SE	2198	1998. 10 ~	VKMA 05228
	FRONTERA B (6B_) - 3.2 i (6B1VF, 6B1_6)	35	3165	1998. 10 ~	VKMA 99007
	FRONTERA Mk II (B) - 3.2 i	6 VD1 / Y 32 NE	3165	1998. 10 ~ 2004. 10	VKMA 99007
	KADETT E Convertible (43B) - 2.0 (MOT:14 142839)	C 20 XE	1998	1990. 09 ~ 1992. 05	VKMA 05220
	KADETT E Hatchback (33, 34, 43, 44) - 2.0 GSI 16V (MOT:14 142839)	20 XE	1998	1987. 12 ~ 1991. 08	VKMA 05220
	KADETT E Hatchback (33, 34, 43, 44) - 2.0 GSI 16V CAT (MOT:14 142839)	C 20 XE	1998	1988. 03 ~ 1991. 08	VKMA 05220
	MERIVA - 1.6 16V	Z 16 XE	1598	2003. 05 ~ 2006. 01	VKMA 05156
	MERIVA - 1.8 16V	Z 18 XE	1796	2003. 05 ~ 2010. 05	VKMA 05156
	MONTEREY A (UBS_) - 3.1 TD (UBS69_)	4 JG2TC	3059	1991. 09 ~ 1998. 07	VKMA 99004
	MONTEREY B - 3.5 V6 24V	35	3494	1998. 07 ~ 1999. 08	VKMA 99007
	MOVANO Box (F9) - 2.2 DTI	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~	VKMA 06503
	MOVANO Box (F9) - 2.5 CDTI	G9U 650	2464	2003. 10 ~	VKMA 06503
	MOVANO Box (F9) - 2.5 D	S8U 772	2499	1999. 01 ~ 2000. 09	VKMA 02383
	MOVANO Box (F9) - 2.5 DTI	G9U 720 / G9U 724 / G9U 754	2463	2001. 10 ~	VKMA 06503
	MOVANO Combi (J9) - 2.2 DTI	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~	VKMA 06503
	MOVANO Combi (J9) - 2.5 CDTI	G9U 632 / G9U 650	2464	2006. 08 ~	VKMA 06503
MOVANO Combi (J9) - 2.5 D	S8U 772	2499	1998. 07 ~ 2000. 09	VKMA 02383	
MOVANO Combi (J9) - 2.5 DTI	G9U 720 / G9U 724 / G9U 750 / G9U 754	2463	2001. 10 ~	VKMA 06503	
MOVANO Dumptruck (H9) - 2.2 DTI	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~	VKMA 06503	
MOVANO Dumptruck (H9) - 2.5 CDTI	G9U 650	2464	2006. 08 ~	VKMA 06503	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
6 36 383	GT90150							8 15 971	GT90170				
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
6 36 735	GT90310							56 36 395					
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
6 36 735	GT90310							56 36 395					
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
56 36 734	GT90115							56 36 428	GT90560				
56 36 734	GT90115							56 36 428	GT90560				
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
6 36 383	GT90150							8 15 971	GT90170				
56 36 734	GT90115							56 36 428	GT90560				
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
								99432547	GT60520	99432547	GT60520		
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
								99432547	GT60520	99432547	GT60520		
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
OPEL	MOVANO Dumptruck (H9) - 2.5 D	S8U 772	2499	1999. 01 ~ 2000. 09	VKMA 02383
	MOVANO Dumptruck (H9) - 2.5 DTI	G9U 720 / G9U 724 / G9U 750 / G9U 754	2463	2001. 10 ~	VKMA 06503
	MOVANO Platform/Chassis (U9, E9) - 2.2 DTI	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~	VKMA 06503
	MOVANO Platform/Chassis (U9, E9) - 2.5 CDTI	G9U 650	2464	2006. 08 ~	VKMA 06503
	MOVANO Platform/Chassis (U9, E9) - 2.5 D	S8U 772	2499	1998. 07 ~ 2000. 09	VKMA 02383
	MOVANO Platform/Chassis (U9, E9) - 2.5 DTI	G9U 720 / G9U 724 / G9U 750 / G9U 754	2463	2001. 10 ~	VKMA 06503
	OMEGA B [25_, 26_, 27_] - 2.0 16V	X 20 XEV	1998	1994. 03 ~ 1999. 09	VKMA 05222
	OMEGA B [25_, 26_, 27_] - 2.2 16V	Y 22 XE / Z 22 XE	2198	1999. 09 ~ 2003. 07	VKMA 05228
	OMEGA B Estate [21_, 22_, 23_] - 2.0 16V	X 20 XEV	1998	1994. 03 ~ 1999. 09	VKMA 05222
	OMEGA B Estate [21_, 22_, 23_] - 2.2 16V	Y 22 XE / Z 22 XE	2198	1999. 09 ~ 2003. 07	VKMA 05228
	SIGNUM - 1.8	Z 18 XE	1796	2003. 05 ~	VKMA 05156
	SINTRIA - 2.2 i 16V	X 22 XE	2198	1996. 11 ~ 1999. 04	VKMA 05228
	SPEEDSTER - 2.0	Z 20 LET	1998	2003. 10 ~ 2003. 12	VKMA 05140
	SPEEDSTER - 2.0 Turbo	Z 20 LET	1998	2003. 04 ~ 2003. 12	VKMA 05140
	TIGRA TwinTop - 1.8	Z 18 XE	1796	2004. 06 ~	VKMA 05156
	VECTRA A [86_, 87_] - 2.0 i Turbo 4x4 [MOT:14 002935]	C 20 LET	1998	1994. 06 ~ 1995. 11	VKMA 05220
	VECTRA A [86_, 87_] - 1.7 TD	17 TD (ISUZU)	1686	1990. 03 ~ 1995. 11	VKMA 05213
	VECTRA A [86_, 87_] - 2.0 i 16V	X 20 XEV	1998	1994. 06 ~ 1995. 11	VKMA 05222
	VECTRA A [86_, 87_] - 2.0 i 16V 4x4	X 20 XEV	1998	1994. 06 ~ 1995. 11	VKMA 05222
	VECTRA A [86_, 87_] - 2000 16V 4x4	20 XE	1998	1989. 01 ~ 1990. 10	VKMA 05220
	VECTRA A [86_, 87_] - 2000/GT 16V [MOT:14 142839]	20 XE	1998	1989. 01 ~ 1994. 06	VKMA 05220
	VECTRA A [86_, 87_] - 2000/GT 16V 4x4 CAT	C 20 XE	1998	1990. 02 ~ 1995. 11	VKMA 05220
	VECTRA A [86_, 87_] - 2000/GT 16V CAT [MOT:14 142839]	C 20 XE	1998	1990. 02 ~ 1995. 11	VKMA 05220
	VECTRA A Hatchback [88, 89] - 2.0 i 16V [MOT:14 142839]	20 XE	1998	1989. 02 ~ 1990. 10	VKMA 05220
	VECTRA A Hatchback [88, 89] - 2.0 i 16V CAT[MOT:14 142839]	C 20 XE	1998	1990. 02 ~ 1995. 11	VKMA 05220
	VECTRA A Hatchback [88_, 89_] - 1.7 TD	17 TD (ISUZU)	1686	1990. 03 ~ 1995. 11	VKMA 05213
	VECTRA A Hatchback [88_, 89_] - 2.0 i 16V	X 20 XEV	1998	1994. 06 ~ 1995. 11	VKMA 05222
	VECTRA B [36_] - 1.8 i 16V	X 18 XE	1796	1995. 10 ~ 2000. 09	VKMA 05222
	VECTRA B [36_] - 1.8 i 16V	X 18 XE	1799	1995. 10 ~ 2000. 09	VKMA 05222
	VECTRA B [36_] - 2.0 i 16V	C 20 SEL / X 20 XEV	1998	1995. 10 ~ 2000. 09	VKMA 05222
	VECTRA B [36_] - 2.2 i 16V	C 22 SEL	2198	2000. 09 ~ 2002. 04	VKMA 05228
	VECTRA B Estate [31_] - 1.8 i 16V	X 18 XE	1796	1996. 11 ~ 2000. 09	VKMA 05222
	VECTRA B Estate [31_] - 1.8 i 16V	X 18 XE	1799	1996. 11 ~ 2000. 09	VKMA 05222
VECTRA B Estate [31_] - 2.0 i 16V	C 20 SEL / X 20 XEV	1998	1996. 11 ~ 2000. 09	VKMA 05222	
VECTRA B Estate [31_] - 2.2 i 16V	C 22 SEL	2198	2000. 09 ~ 2003. 07	VKMA 05228	
VECTRA B Hatchback [38] - 1.6 i 16V	X 16 XEL / Y 16 XE / Z 16 XE	1598	1995. 10 ~ 2002. 07	VKMA 05150	
VECTRA B Hatchback [38] - 1.8 i 16V	X 18 XE1 / Z 18 XEL	1796	1995. 10 ~ 2000. 09	VKMA 05150	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								99432547	GT60520	99432547	GT60520		
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
								99432547	GT60520	99432547	GT60520		
45 06 092	GT30520	44 01 430 44 18 672											
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		56 36 384 56 36 746						56 36 423	GT60590				
		56 36 384 56 36 746						56 36 423	GT60590				
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
6 36 735	GT90310							56 36 395					
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
6 36 735	GT90310							56 36 395					
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
OPEL	VECTRA B Hatchback (38) - 1.8 i 16V	Z 18 XE	1796	2000. 09 ~ 2003. 07	VKMA 05150
	VECTRA B Hatchback (38_) - 1.8 i 16V	X 18 XE	1796	1995. 10 ~ 2000. 09	VKMA 05222
	VECTRA B Hatchback (38_) - 1.8 i 16V	X 18 XE	1799	1995. 10 ~ 2000. 09	VKMA 05222
	VECTRA B Hatchback (38_) - 2.0 i 16V	C 20 SEL / X 20 XEV	1998	1995. 10 ~ 2000. 09	VKMA 05222
	VECTRA B Hatchback (38_) - 2.2 i 16V	C 22 SEL	2198	2000. 09 ~ 2003. 07	VKMA 05228
	VECTRA C - 1.6 16V	Z 16 XE	1598	2004. 06 ~	VKMA 05156
	VECTRA C - 1.8 16V	Z 18 XE	1796	2002. 04 ~	VKMA 05156
	VIVARO Box (F7) - 2.5 CDTI	G9MB6 / G9U 630	2463	2006. 08 ~	VKMA 06503
	VIVARO Box (F7) - 2.5 DTI	G9U 730	2463	2003. 05 ~	VKMA 06503
	VIVARO Combi (J7) - 2.5 CDTI	G9U 630	2463	2006. 08 ~	VKMA 06503
	VIVARO Combi (J7) - 2.5 DTI	G9U 730	2463	2003. 05 ~	VKMA 06503
	VIVARO Platform/Chassis (E7) - 2.5 CDTI	G9U 630	2464	2006. 08 ~	VKMA 06503
	VIVARO Platform/Chassis (E7) - 2.5 DTI	G9U 730	2463	2006. 08 ~	VKMA 06503
	ZAFIRA A (F75) - 1.8 16V (02 HL5117)	X 18 XE1	1796	1999. 04 ~ 2000. 09	VKMA 05152
	ZAFIRA A (F75) - 1.8 16V (02 HL5117)	Z 18 XE	1796	2000. 09 ~ 2005. 06	VKMA 05152
	ZAFIRA A (F75) - 1.8 16V (02 HL5118)	X 18 XE1	1796	1999. 04 ~ 2000. 09	VKMA 05156
	ZAFIRA A (F75) - 1.8 16V (02 HL5118)	Z 18 XE	1796	2000. 09 ~ 2005. 06	VKMA 05156
	ZAFIRA A (F75_) - 1.6 16V(02 HL5118)	X 16 XEL / Z 16 XE	1598	1999. 04 ~ 2005. 06	VKMA 05156
	ZAFIRA A (F75_) - 1.6 CNG	Z 16 YNG	1598	2001. 09 ~ 2005. 06	VKMA 05156
	ZAFIRA A (F75_) - 2.0 OPC	Z 20 LET	1998	2001. 09 ~ 2003. 12	VKMA 05140
	ZAFIRA A (F75_) - 2.0 OPC	Z 20 LER	1998	2002. 11 ~ 2003. 12	VKMA 05140
	ZAFIRA B (A05) - 1.6 CNG	Z 16 YNG	1598	2006. 01 ~	VKMA 05156
	ZAFIRA B (A05) - 2.0	Z 20 LER	1998	2005. 07 ~	VKMA 05142
	ZAFIRA B (A05) - 2.0	Z 20 LEH	1998	2006. 01 ~	VKMA 05142
	ASTRA F (56_ 57_) - 1.4	14 SE	1389	1992. 09 ~ 1998. 09	
	ASTRA F (56_ 57_) - 1.4 Si	C 14 SE	1389	1992. 03 ~ 1998. 09	
	ASTRA F (56_ 57_) - 1.6 i	X 16 SZ	1598	1993. 05 ~ 1996. 07	
	ASTRA F (56_ 57_) - 1.6 i	C 16 NZ / X 16 SZR	1598	1992. 03 ~ 1998. 09	
	ASTRA F (56_ 57_) - 1.6 Si	C 16 SE	1598	1992. 05 ~ 1994. 12	
	ASTRA F Convertible (53_B) - 1.4 Si	C 14 SE	1389	1993. 05 ~ 2001. 03	
	ASTRA F Convertible (53_B) - 1.6 i	X 16 SZ	1598	1993. 03 ~ 1996. 08	
	ASTRA F Convertible (53_B) - 1.6 i	X 16 SZR	1598	1996. 01 ~ 2001. 03	
	ASTRA F Estate (51_ 52_) - 1.4	14 SE	1389	1992. 09 ~ 1998. 01	
ASTRA F Estate (51_ 52_) - 1.4 Si	C 14 SE	1389	1992. 03 ~ 1998. 01		
ASTRA F Estate (51_ 52_) - 1.6 i	X 16 SZ	1598	1993. 05 ~ 1996. 07		
ASTRA F Estate (51_ 52_) - 1.6 i	C 16 NZ / X 16 SZR	1598	1991. 09 ~ 1998. 01		
ASTRA F Estate (51_ 52_) - 1.6 Si	C 16 SE	1598	1992. 03 ~ 1994. 12		





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
45 06 092	GT30520	44 01 430 44 18 672											
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		56 36 384 56 36 746						56 36 423	GT60590				
		56 36 384 56 36 746						56 36 423	GT60590				
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		56 36 384 56 36 746						56 36 423	GT60590	55353701			
		56 36 384 56 36 746						56 36 423	GT60590	55353701			
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
OPEL	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.4	14 SE	1389	1992. 09 ~ 1998. 01	
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.4 Si	C 14 SE	1389	1992. 03 ~ 1998. 01	
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.6 i	X 16 SZ	1598	1993. 05 ~ 1996. 07	
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.6 i	C 16 NZ / X 16 SZR	1598	1991. 09 ~ 1998. 01	
	ASTRA F Hatchback (53_, 54_, 58_, 59_) - 1.6 Si	C 16 SE	1598	1992. 03 ~ 1994. 12	
	ASTRA F Van (55_) - 1.6 i	C 16 NZ	1598	1991. 10 ~ 1993. 04	
	ASTRA F Van (55_) - 1.6 i	X 16 SZ	1598	1993. 02 ~ 1996. 07	
	COMBO (71_) - 1.2	C 12 NZ / X 12 SZ	1195	1994. 07 ~ 2001. 10	
	COMBO (71_) - 1.4	C 14 NZ / X 14 SZ	1389	1994. 07 ~ 2001. 10	
	COMBO (71_) - 1.4	C 14 SE	1389	1994. 07 ~ 2001. 10	
	COMBO (71_) - 1.4 16V	C 14 SEL / X 14 XE	1389	1999. 08 ~ 2001. 10	
	CORSA B (73_, 78_, 79_) - 1.2 i	12 NZ	1195	1993. 03 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.2 i	C 12 NZ / X 12 SZ	1195	1993. 03 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.4	C 14 SE	1389	1993. 04 ~ 1994. 08	
	CORSA B (73_, 78_, 79_) - 1.4 i	C 14 NZ / X 14 SZ	1389	1993. 03 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.4 i 16V	C 14 SEL	1389	1997. 08 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.4 i 16V	X 14 XE	1389	1994. 09 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.4 Si	C 14 SE	1389	1993. 03 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.6 GSI 16V	C 16 XE	1598	1993. 03 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.6 i 16V	C 16 SEL	1598	1997. 08 ~ 2000. 09	
	CORSA B (73_, 78_, 79_) - 1.6 i 16V	X 16 XE	1598	1994. 09 ~ 2000. 09	
	CORSA B Box (73_) - 1.4 i	X 14 SZ	1389	1999. 08 ~ 2000. 09	
	CORSA B Estate (F35) - 1.4 i 16V	C 14 SEL / X 14 XE	1389	1999. 01 ~	
	TIGRA (95_) - 1.4 16V	C 14 SEL	1389	1987. 08 ~ 2000. 12	
	TIGRA (95_) - 1.4 16V	X 14 XE	1389	1994. 07 ~ 2000. 12	
	TIGRA (95_) - 1.6 16V	C 16 SEL	1598	1997. 08 ~ 1998. 08	
	TIGRA (95_) - 1.6 16V	X 16 XE	1598	1994. 07 ~ 1998. 08	
	ASTRA G Hatchback (F48_, F08_) - 1.6	Z 16 XEP	1598	2002. 06 ~ 2004. 03	
	ASTRA G Hatchback (F48_, F08_) - 1.6 LPG	Z 16 XE	1598	2002. 06 ~ 2005. 01	
	ASTRA G Hatchback (F48_, F08_) - 1.6	Z 16 XEP	1598	2002. 12 ~ 2009. 12	
	ASTRA G Saloon (F69_) - 1.6 LPG	Z 16 XE	1598	2002. 06 ~ 2005. 01	
	ASTRA G Saloon (F69_) - 1.6	Z 16 XEP	1598	2002. 12 ~ 2005. 01	
	ASTRA G Estate (F35_) - 1.6	Z 16 XEP	1598	2002. 12 ~ 2009. 07	
	CORSA A Box - 1.5 D (ISUZU)	15 D (4EC1)	1488	1987. 06 ~ 1989. 04	VKMA 05208
CORSA A Hatchback (93, 94, 98, 99) - 1.5 D (ISUZU)	15 D (4EC1)	1488	1987. 09 ~ 1993. 03	VKMA 05208	
CORSA A Hatchback (93, 94, 98, 99) - 1.5 TD (ISUZU)	15 DT (T4EC1)	1488	1988. 03 ~ 1993. 03	VKMA 05208	
CORSA A TR (91, 92, 96, 97) - 1.5 D (ISUZU)	15 D (4EC1)	1488	1987. 10 ~ 1992. 11	VKMA 05208	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
55350422	GTA0240												
55350422	GTA0240												
55350422	GTA0240												
55350422	GTA0240												
55350422	GTA0240												
55350422	GTA0240												
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
OPEL	CORSA A TR (91, 92, 96, 97) - 1.5 TD (ISUZU)	15 TD (T4EC1)	1488	1987. 10 ~ 1993. 03	VKMA 05208
	CORSA B (73, 78, 79) - 1.5 D (ISUZU)	15 D (4EC1)	1488	1993. 03 ~ 2000. 09	VKMA 05208
	CORSA B (73, 78, 79) - 1.5 TD (ISUZU)	15 DT (T4EC1) / X 15 DT (T4EC1)	1488	1993. 03 ~ 2000. 09	VKMA 05208
	KADETT E (39_, 49_) - 1.5 TD (ISUZU)	15 DT (T4EC1)	1488	1988. 07 ~ 1991. 08	VKMA 05208
	KADETT E Estate (35_, 36_, 45_, 46_) - 1.5 TD (ISUZU)	15 DT (T4EC1)	1488	1988. 07 ~ 1991. 08	VKMA 05208
	KADETT E Hatchback (33, 34, 43, 44) - 1.5 TD (ISUZU)	15 DT (T4EC1)	1488	1988. 07 ~ 1991. 08	VKMA 05208
	ZAFIRA A (F75) - 1.6 16V (02 HL5117)	X 16 XEL / Z 16 XE	1598	1999. 04 ~ 2005. 06	VKMA 05152
PEUGEOT	1007 (KM_) - 1.4 HDI	8HX (DV4TD) / 8HZ (DV4TD)	1398	2005. 04 ~	VKMA 03140
	1007 (KM_) - 1.6 HDI	9HZ (DV6TED4)	1560	2007. 06 ~	VKMA 03259
	106 I (1A, 1C) - 1.0	TU9 / TU9M	954	1991. 09 ~ 1996. 04	VKMA 03100
	106 I (1A, 1C) - 1.1	TU1M	1124	1991. 09 ~ 1996. 04	VKMA 03100
	106 I (1A, 1C) - 1.3 Cast Iron	TU2J2	1294	1993. 10 ~ 1996. 04	VKMA 03110
	106 I (1A, 1C) - 1.4	TU3	1360	1991. 08 ~ 1996. 03	VKMA 03110
	106 I (1A, 1C) - 1.4 (TQ:101) Cast Iron	TU3J	1361	1991. 09 ~ 1996. 04	VKMA 03111
	106 I (1A, 1C) - 1.4 (TQ:101) Cast Iron	TU3MC	1361	1991. 09 ~ 1996. 04	VKMA 03111
	106 I (1A, 1C) - 1.4 (TQ:108)	TU3M / TU3MC	1361	1991. 09 ~ 1996. 04	VKMA 03110
	106 I (1A, 1C) - 1.4 Cast Iron	TU3	1360	1991. 08 ~ 1996. 03	VKMA 03110
	106 I (1A, 1C) - 1.4 D	K9Y (TUD3)	1361	1992. 09 ~ 1996. 04	VKMA 03120
	106 I (1A, 1C) - 1.5 D	VJY (TUD5)	1527	1994. 06 ~ 1996. 04	VKMA 03121
	106 I (1A, 1C) - 1.6	TU5JP	1587	1993. 06 ~ 1996. 04	VKMA 03111
	106 I (1A, 1C) - 1.6	TU5J2	1587	1994. 01 ~ 1996. 04	VKMA 03111
	106 I (1A, 1C) - 1.6 Cast Iron	TU5JP	1587	1993. 06 ~ 1996. 04	VKMA 03111
	106 I (1A, 1C) - 1.6 Cast Iron	TU5J2	1587	1994. 01 ~ 1996. 04	VKMA 03111
	107 - 1.4 HDI	8HT (DV4TD)	1398	2005. 06 ~	VKMA 03140
	205 Box - 1.7 Diesel	161A (XUD7)	1769	1994. 03 ~	VKMA 03241
	205 I (741A/C) - 1.6 GTI	180A (XU5J)	1580	1984. 12 ~ 1987. 10	VKMA 03200
	205 I (741A/C) - 1.9 GTI	DFZ (XU9J1)	1905	1987. 03 ~ 1987. 10	VKMA 03200
	205 I Convertible (741B, 20D) - 1.1 CJ	TU1M	1124	1989. 10 ~ 1994. 12	VKMA 03100
	205 I Convertible (741B, 20D) - 1.4 (TQ:108)	TU3S	1360	1987. 08 ~ 1994. 06	VKMA 03110
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:101) Cast Iron	TU3	1360	1988. 03 ~ 1989. 05	VKMA 03111
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:101) Cast Iron	TU3-2 / TU3M / TU3MC	1360	1988. 03 ~ 1989. 05	VKMA 03111
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:101) Cast Iron	TU3-2 / TU3M / TU3MC	1360	1989. 03 ~ 1994. 12	VKMA 03111
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:101) Cast Iron	TU3-2 / TU3M	1361	1991. 05 ~ 1994. 12	VKMA 03111
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:101) Cast Iron	TU3-2 / TU3M / TU3MC	1361	1991. 05 ~ 1994. 12	VKMA 03111
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:108)	TU3	1360	1988. 03 ~ 1989. 05	VKMA 03110
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:108)	TU3A	1360	1989. 03 ~ 1994. 12	VKMA 03110
	205 I Convertible (741B, 20D) - 1.4 CJ (TQ:108)	TU3-2 / TU3M	1361	1991. 05 ~ 1994. 12	VKMA 03111



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					
6 36 742	GT90230							56 36 395					
		5636732	GTB0030					56 36 416	GT60560	56 36 415	GT60570		
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.3	GT50520							96099089					
0829.3	GT50520							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
0829.33	GT50570							0830.13	GT50590				
0829.12	GT50610												
0829.12	GT50610												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	205 I Convertible (741B, 20D) - 1.4 CJ CAT (TQ:108)	TU3CP	1361	1989. 01 ~ 1993. 09	VKMA 03110
	205 I Convertible (741B, 20D) - 1.6 CJ (TQ:114)	XU5M3Z	1580	1992. 08 ~ 1994. 12	VKMA 03201
	205 I Convertible (741B, 20D) - 1.9 CTI (TQ:114)	XU9J1	1905	1992. 01 ~ 1998. 09	VKMA 03201
	205 II (20A/C) - 1.0	TU9	954	1987. 10 ~ 1998. 09	VKMA 03100
	205 II (20A/C) - 1.3 Rallye	TU24	1294	1987. 10 ~ 1990. 10	VKMA 03100
	205 II (20A/C) - 1.6	B1A (XU51C) / BAZ (XU5CP)	1580	1987. 10 ~ 1998. 09	VKMA 03200
	205 II (20A/C) - 1.7 TD	8B (XUD7TE)	1769	1990. 01 ~ 1998. 09	VKMA 03241
	205 II (20A/C) - 1.8 XDT	XUD7T	1769	1990. 08 ~ 1997. 05	VKMA 03241
	205 II (20A/C) - 1.8 XDT	XUD7T	1769	1990. 08 ~ 1994. 01	VKMA 03240
	205 II (20A/C) - 1.9 Diesel	DJZ (XUD9Y)	1905	1987. 10 ~ 1998. 09	VKMA 03241
	205 II (20A/C) - 1.9 Diesel	XUD9Y	1905	1987. 10 ~ 1994. 01	VKMA 03240
	205 II (20A/C) - 1.9 GTI	D6B (XU9JA)	1905	1987. 10 ~ 1998. 09	VKMA 03200
	206 Hatchback (2A/C) - 1.1 (MOT:3762433)	TU1JP	1124	1998. 08 ~ 2000. 07	VKMA 03100
	206 Hatchback (2A/C) - 1.1 I (MOT:3762433)	TU1JP	1124	1998. 09 ~	VKMA 03100
	206 Hatchback (2A/C) - 1.4 HDI	8HX (DV4TD)	1398	2002. 09 ~ 2007. 02	VKMA 03140
	206 Hatchback (2A/C) - 1.4 HDi eco 70	8HX (DV4TD) / 8HZ (DV4TD)	1398	2001. 09 ~	VKMA 03140
	206 Hatchback (2A/C) - 1.4 I (MOT:3666765)	TU3JP	1360	1998. 09 ~	VKMA 03110
	206 Hatchback (2A/C) - 1.6 HDi 110	9HY (DV6TED4) / 9HZ (DV6TED4)	1560	2004. 05 ~	VKMA 03259
	206 Hatchback (2A/C) - 1.6 i	TU5JP	1587	1998. 09 ~ 2000. 12	VKMA 03111
	206+ (T3E) - 1.4 HDi eco 70	8HX (DV4TD) / 8HZ (DV4TD)	1398	2009. 01 ~	VKMA 03140
	207 (WA_, WC_) - 1.4 HDi	8HR (DV4C) / 8HZ (DV4TD)	1398	2006. 02 ~	VKMA 03140
	207 (WA_, WC_) - 1.6 HDI	9HV (DV6ATED4) / 9HV (DV6TED4) / 9HX (DV6ATED4)	1560	2006. 02 ~	VKMA 03259
	207 CC (WD_) - 1.6 HDI	9HZ (DV6TED4)	1560	2007. 02 ~	VKMA 03259
	207 SW (WK_) - 1.6 HDI	9HX (DV6ATED4)	1560	2007. 06 ~	VKMA 03259
	3008 - 1.6 HDI	9HZ (DV6TED4)	1560	2009. 06 ~	VKMA 03259
	305 II (581M) - 1.6	B1A (XU51C)	1580	1982. 10 ~ 1988. 07	VKMA 03200
	305 II (581M) - 1.6	BAZ (XU5CP)	1580	1986. 11 ~ 1988. 12	VKMA 03200
	305 II (581M) - 1.6	171 (XU5S)	1580	1984. 07 ~ 1987. 08	VKMA 03200
	305 II (581M) - 1.9	159 (XU9S)	1905	1982. 10 ~ 1985. 08	VKMA 03200
	305 II (581M) - 1.9	DFZ (XU9J1)	1905	1986. 11 ~ 1988. 12	VKMA 03200
	305 II (581M) - 1.9 D	XUD9	1905	1982. 10 ~ 1986. 09	VKMA 03240
	305 II Break (581E) - 1.9 Diesel	XUD9	1905	1982. 10 ~ 1986. 09	VKMA 03240
	306 (7B, N3, N5) - 1.1	TU1M	1124	1994. 06 ~ 2001. 05	VKMA 03100
306 (7B, N3, N5) - 1.4 SL	TU3MC	1360	1994. 06 ~ 2001. 05	VKMA 03110	
306 (7B, N3, N5) - 1.4 SL (MOT:3666765)	TU3JP	1360	1994. 06 ~ 2001. 05	VKMA 03110	
306 (7B, N3, N5) - 1.6	TU5JP	1587	2000. 10 ~ 2001. 05	VKMA 03111	
306 (7B, N3, N5) - 1.6 SR	TU5JP	1587	1994. 06 ~ 2000. 10	VKMA 03111	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.12	GT50610												
0829.33	GT50570							0830.13	GT50590				
0829.33	GT50570							0830.13	GT50590				
0829.11	GT60130							0830.02	GT60140				
0829.33	GT50570							0830.13	GT50590				
0829.11	GT60130							0830.02	GT60140				
0829.12	GT50610												
0829.19	GT80260												
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.11	GT60130							0830.02	GT60140				
0829.11	GT60130							0830.02	GT60140				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	306 (7B, N3, N5) - 1.8	XU7JP	1761	1995. 10 ~ 1997. 04	VKMA 03201
	306 (7B, N3, N5) - 1.8 ST	XU7JP	1762	1994. 06 ~ 2001. 05	VKMA 03201
	306 (7B, N3, N5) - 1.9 SRDT	DHY (XUD9TE)	1905	1994. 06 ~ 2001. 05	VKMA 03241
	306 (7B, N3, N5) - 1.9 STD	XUD9	1905	1994. 02 ~ 1995. 10	VKMA 03241
	306 (7B, N3, N5) - 2.0	XU10J4R	1998	1997. 03 ~ 2001. 05	VKMA 03213
	306 (7B, N3, N5) - 2.0 ST	XU10J2	1998	1994. 07 ~ 2001. 05	VKMA 03201
	306 Break (7E, N3, N5) - 1.9 TD	DHY (XUD9TE)	1905	1997. 02 ~ 2002. 04	VKMA 03241
	306 Break (7E, N3, N5) - 2.0	XU10J4R	1998	1997. 03 ~ 2002. 04	VKMA 03213
	306 Convertible (7D, N3, N5) - 2.0 16V	XU10J4R	1998	1997. 03 ~ 2002. 04	VKMA 03213
	306 Hatchback (7A, 7C, N3, N5) - 1.1	TU1M	1124	1993. 05 ~ 2001. 05	VKMA 03100
	306 Hatchback (7A, 7C, N3, N5) - 1.4	TU3MC	1360	1993. 05 ~ 2001. 05	VKMA 03110
	306 Hatchback (7A, 7C, N3, N5) - 1.4 (MOT:3666765)	TU3JP	1360	1993. 05 ~ 2001. 05	VKMA 03110
	306 Hatchback (7A, 7C, N3, N5) - 1.6	TU5JP	1587	1993. 05 ~ 2000. 10	VKMA 03111
	306 Hatchback (7A, 7C, N3, N5) - 1.6	TU5JP	1587	2000. 07 ~ 2001. 05	VKMA 03111
	306 Hatchback (7A, 7C, N3, N5) - 1.6	TU5JP	1587	2000. 10 ~ 2001. 05	VKMA 03111
	306 Hatchback (7A, 7C, N3, N5) - 1.8	XU7JP	1761	1997. 05 ~ 1999. 04	VKMA 03201
	306 Hatchback (7A, 7C, N3, N5) - 1.8	XU7JP	1762	1993. 05 ~ 2001. 05	VKMA 03201
	306 Hatchback (7A, 7C, N3, N5) - 1.8 D	A9A (XUD7)	1769	1993. 05 ~ 2001. 05	VKMA 03241
	306 Hatchback (7A, 7C, N3, N5) - 1.8 D	XUD7	1769	1993. 05 ~ 1994. 01	VKMA 03240
	306 Hatchback (7A, 7C, N3, N5) - 1.9 D	XUD9	1905	1993. 04 ~ 1999. 05	VKMA 03241
	306 Hatchback (7A, 7C, N3, N5) - 1.9 DT	XUD9TE	1905	1993. 05 ~ 1994. 01	VKMA 03240
	306 Hatchback (7A, 7C, N3, N5) - 2.0 16V	XU10J4R	1998	1997. 03 ~ 2001. 05	VKMA 03213
	306 Hatchback (7A, 7C, N3, N5) - 2.0 S16	XU10J4RS	1998	1996. 03 ~ 2001. 05	VKMA 03213
	307 (3A/C) - 1.4 (MOT:3666765)	TU3JP	1360	2000. 08 ~	VKMA 03110
	307 (3A/C) - 1.4 HDI	8HX (DV4TD) / 8HZ (DV4TD)	1398	2001. 10 ~	VKMA 03140
	307 (3A/C) - 1.6 HDI	9HV (DV6ATED4)	1560	2005. 04 ~	VKMA 03259
	307 (3A/C) - 1.6 HDI 110	9HY (DV6TED4) / 9HZ (DV6TED4)	1560	2004. 02 ~	VKMA 03259
	307 Break (3E) - 1.4 (MOT:3666765)	TU3JP	1360	2002. 04 ~ 2003. 09	VKMA 03110
	307 SW (3H) - 1.4 (MOT:3666765)	TU3JP	1360	2002. 04 ~ 2003. 09	VKMA 03110
	308 (4A_, 4C_) - 1.6 HDI	9HZ (DV6TED4)	1560	2007. 09 ~	VKMA 03259
	308 SW - 1.6 HDI	9HV (DV6ATED4) / 9HX (DV6ATED4)	1560	2007. 09 ~	VKMA 03259
	309 I (10C, 10A) - 1.4 (TQ:101)	TU3S	1360	1989. 03 ~ 1989. 07	VKMA 03111
	309 I (10C, 10A) - 1.4 (TQ:101) Cast Iron	TU3A / TU3S	1360	1989. 03 ~ 1989. 07	VKMA 03111
309 I (10C, 10A) - 1.4 (TQ:101) Cast Iron	TU3FM	1360	1989. 03 ~ 1989. 07	VKMA 03111	
309 I (10C, 10A) - 1.4 (TQ:108)	TU3A	1360	1989. 03 ~ 1989. 07	VKMA 03110	
309 I (10C, 10A) - 1.4 (TQ:108)	TU3M	1360	1989. 03 ~ 1989. 07	VKMA 03110	
309 I (10C, 10A) - 1.4 (TQ:108)	TU3S	1360	1989. 03 ~ 1989. 07	VKMA 03110	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.19	GT80260												
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.33	GT50570							0830.13	GT50590				
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0818.32	GT50510							96099089					
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.11	GT60130							0830.02	GT60140				
0829.33	GT50570							0830.13	GT50590				
0829.11	GT60130							0830.02	GT60140				
0818.32	GT50510							96099089					
0818.32	GT50510							96099089					
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	309 I (10C, 10A) - 1.6	B1A (XU51C)	1580	1985. 10 ~ 1989. 07	VKMA 03200
	309 I (10C, 10A) - 1.6 CAT	BAZ (XU5CP)	1580	1986. 09 ~ 1989. 12	VKMA 03200
	309 I (10C, 10A) - 1.9	D2B (XU9S)	1905	1985. 10 ~ 1989. 07	VKMA 03200
	309 I (10C, 10A) - 1.9 D	XUD9	1905	1986. 10 ~ 1989. 07	VKMA 03240
	309 II (3C, 3A) - 1.1	TU1M	1124	1990. 08 ~ 1993. 12	VKMA 03100
	309 II (3C, 3A) - 1.4 (TQ:101)	TU3A	1361	1990. 07 ~ 1993. 12	VKMA 03111
	309 II (3C, 3A) - 1.4 (TQ:101) Cast Iron	TU3FM	1361	1990. 07 ~ 1993. 12	VKMA 03111
	309 II (3C, 3A) - 1.4 (TQ:108)	TU3A	1361	1990. 07 ~ 1993. 12	VKMA 03110
	309 II (3C, 3A) - 1.4 (TQ:108)	TU3M	1361	1989. 07 ~ 1993. 12	VKMA 03110
	309 II (3C, 3A) - 1.6	XU52C/K	1580	1992. 02 ~ 1993. 12	VKMA 03201
	309 II (3C, 3A) - 1.8 Diesel	XUD7	1769	1989. 07 ~ 1993. 12	VKMA 03240
	309 II (3C, 3A) - 1.8 TD	XUD7TE	1769	1989. 08 ~ 1993. 12	VKMA 03240
	309 II (3C, 3A) - 1.9	XU9J1	1905	1992. 02 ~ 1993. 12	VKMA 03201
	309 II (3C, 3A) - 1.9	XU9M	1905	1992. 02 ~ 1993. 12	VKMA 03201
	309 II (3C, 3A) - 1.9 Diesel	XUD9	1905	1989. 07 ~ 1993. 12	VKMA 03240
	309 II (3C, 3A) - 1.9 GTI	DKZ (XU9JAZ)	1580	1989. 07 ~ 1993. 12	VKMA 03200
	309 II (3C, 3A) - 1.9 GTI	XU9JAZ	1905	1992. 02 ~ 1993. 12	VKMA 03201
	405 I (15B) - 1.4 (TQ:101)	TU3F2	1360	1987. 01 ~ 1992. 07	VKMA 03111
	405 I (15B) - 1.4 (TQ:101) Cast Iron	TU3F2	1360	1987. 01 ~ 1992. 07	VKMA 03111
	405 I (15B) - 1.4 (TQ:108)	TU3 / 108	1360	1987. 01 ~ 1992. 07	VKMA 03110
	405 I (15B) - 1.6	B2A (XU52C/K)	1580	1987. 01 ~ 1992. 12	VKMA 03200
	405 I (15B) - 1.9 Injection	DFZ (XU9J1)	1905	1987. 07 ~ 1992. 12	VKMA 03200
	405 I (15B) - 1.9 Injection (CH:70521463 / TQ:114)	XU9J1	1905	1987. 07 ~ 1992. 12	VKMA 03201
	405 I Break (15E) - 1.9	DKZ (XU9JAZ)	1905	1988. 10 ~ 1992. 08	VKMA 03200
	405 I Break (15E) - 1.9 All-wheel Drive	D6C (XU9J4)	1905	1987. 06 ~ 1992. 07	VKMA 03200
	405 II (4B) - 1.4 (TQ:101)	TU3-2 / TU3MC	1361	1992. 08 ~ 1995. 10	VKMA 03111
	405 II (4B) - 1.4 (TQ:101) Cast Iron	TU3-2 / TU3MC	1361	1992. 08 ~ 1995. 10	VKMA 03111
	405 II (4B) - 1.6	XU52C / XU5JP / XU5M	1580	1992. 08 ~ 1995. 10	VKMA 03201
	405 II (4B) - 1.8	XU7JP	1762	1992. 08 ~ 1995. 10	VKMA 03201
	405 II (4B) - 1.9 D	DJZ (XUD9Y)	1905	1992. 08 ~ 1995. 10	VKMA 03241
	405 II (4B) - 2.0	XU10J2	1998	1992. 08 ~ 1995. 10	VKMA 03201
	405 II Break (4E) - 1.9 D	DJZ (XUD9Y)	1905	1992. 08 ~ 1996. 10	VKMA 03241
	405 II Break (4E) - 1.9 TD	DHY (XUD9TE)	1905	1992. 08 ~ 1996. 10	VKMA 03241
	406 (8B) - 1.6	XU5JP	1580	1995. 11 ~ 2004. 05	VKMA 03201
406 (8B) - 1.8	XU7JB	1761	1997. 05 ~ 2004. 05	VKMA 03201	
406 (8B) - 1.8 16V	XU7JP4	1761	1995. 11 ~ 2000. 10	VKMA 03213	
406 (8B) - 1.9 D	DHW (XUD9SD)	1905	1996. 10 ~ 2004. 05	VKMA 03241	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.12	GT50610												
0829.12	GT50610												
0829.12	GT50610												
0829.11	GT60130							0830.02	GT60140				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.11	GT60130							0830.02	GT60140				
0829.11	GT60130							0830.02	GT60140				
0829.19	GT80260												
0829.19	GT80260												
0829.11	GT60130							0830.02	GT60140				
0829.12	GT50610												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.12	GT50610												
0829.12	GT50610												
0829.19	GT80260												
0829.12	GT50610												
0829.12	GT50610												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.33	GT50570							0830.13	GT50590				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0818.32	GT50510							96099089					
0829.33	GT50570							0830.13	GT50590				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	406 (8B) - 1.9 TD	DHX (XUD9TE)	1905	1996. 01 ~ 2004. 05	VKMA 03241
	406 (8B) - 2.0 16V	XU10J4R	1998	1995. 11 ~ 2004. 05	VKMA 03213
	406 (8B) - 2.0 Turbo	XU10J2TE	1998	1996. 04 ~ 2004. 05	VKMA 03201
	406 (8B) - 2.1 TD 12V	P8C (XUD11BTE)	2088	1996. 01 ~ 2004. 05	VKMA 03251
	406 (8B) - 3.0 24V	XFZ (ES9J4)	2946	1996. 10 ~ 2004. 05	VKMA 03902
	406 (8B) - 3.0 V6	AFX (ES9J4S)	2946	2000. 03 ~ 2004. 05	VKMA 03902
	406 Break (8E/F) - 1.8	XU7JB	1761	1997. 05 ~ 2004. 10	VKMA 03201
	406 Break (8E/F) - 1.8 16V	XU7JP4	1761	1996. 10 ~ 2000. 10	VKMA 03213
	406 Break (8E/F) - 2.0 16V	XU10J4R	1998	1996. 10 ~ 2004. 10	VKMA 03213
	406 Break (8E/F) - 2.0 Turbo	XU10J2TE	1998	1996. 10 ~ 2004. 10	VKMA 03201
	406 Break (8E/F) - 2.1 TD 12V	P8C (XUD11BTE)	2088	1996. 10 ~ 2004. 10	VKMA 03251
	406 Break (8E/F) - 3.0 24V	XFZ (ES9J4)	2946	1996. 10 ~ 2004. 10	VKMA 03902
	406 Break (8E/F) - 3.0 V6	AFX (ES9J4S)	2946	2000. 03 ~ 2004. 10	VKMA 03902
	406 Coupe (8C) - 2.0 16V	XU10J4R	1998	1997. 03 ~ 2004. 12	VKMA 03213
	407 (6D_) - 1.6 HDi 110	9HY (DV6TED4)	1560	2004. 05 ~	VKMA 03259
	407 (6D_) - 3.0	XFV (ES9A)	2946	2004. 05 ~	VKMA 03902
	407 Coupe (6C_) - 3.0 V6	XFV (ES9A)	2946	2005. 10 ~	VKMA 03902
	407 SW (6E_) - 1.6 HDi 110	9HY (DV6TED4)	1560	2004. 05 ~	VKMA 03259
	5008 - 1.6 HDI	9HZ (DV6TED4)	1560	2009. 09 ~	VKMA 03259
	605 (6B) - 2.0	XU10M	1998	1993. 02 ~ 1999. 09	VKMA 03201
	605 (6B) - 2.0	XU102C	1998	1993. 02 ~ 1999. 09	VKMA 03201
	605 (6B) - 2.0	XU10J2	1998	1993. 02 ~ 1999. 09	VKMA 03201
	605 (6B) - 2.0	XU10M	1998	1990. 02 ~ 1993. 01	VKMA 03220
	605 (6B) - 2.0	XU102C	1998	1989. 06 ~ 1993. 01	VKMA 03220
	605 (6B) - 2.0	XU10J2Z	1998	1989. 06 ~ 1993. 01	VKMA 03220
	605 (6B) - 2.0 16V	XU10J4R	1998	1994. 07 ~ 1999. 09	VKMA 03213
	605 (6B) - 2.0 Turbo	XU10J2TE	1998	1992. 07 ~ 1999. 09	VKMA 03201
	605 (6B) - 2.0 Turbo	XU10J2TE	1998	1991. 07 ~ 1999. 09	VKMA 03201
	605 (6B) - 2.1 D	P9A (XUD11A)	2138	1989. 06 ~ 1995. 07	VKMA 03250
	605 (6B) - 2.1 TD 12V	P8C (XUD11BTE)	2088	1994. 08 ~ 1999. 09	VKMA 03251
	605 (6B) - 2.1 Turbo Diesel	PHZ (XUD11ATE)	2088	1989. 06 ~ 1999. 09	VKMA 03251
	605 (6B) - 3.0 V6	XFZ (ES9J4)	2946	1997. 04 ~ 1999. 09	
	607 (9D, 9U) - 3.0 V6 24V	XFV (ES9A)	2946	2004. 03 ~	VKMA 03902
806 (221) - 1.8	XU7JP	1761	1995. 07 ~ 2002. 08	VKMA 03201	
806 (221) - 1.9 TD	DHX (XUD9TE)	1905	1995. 07 ~ 2002. 08	VKMA 03241	
806 (221) - 1.9 TD	DHY (XUD9TE)	1905	1997. 05 ~ 2002. 08	VKMA 03241	
806 (221) - 2.0	XU10J2	1998	1994. 06 ~ 2002. 08	VKMA 03201	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.33	GT50570							0830.13	GT50590				
0818.32	GT50510							96099089					
0829.19	GT80260												
0818.19	GT60320							96099089					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
0829.19	GT80260												
0818.32	GT50510							96099089					
0818.32	GT50510							96099089					
0829.19	GT80260												
0818.19	GT60320							96099089					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
0818.32	GT50510							96099089					
		082988	GTB0200					0830.48	GT30500				
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.22	GT80300												
0829.22	GT80300												
0829.22	GT80300												
0818.32	GT50510							96099089					
0829.19	GT80260												
0829.19	GT80260												
0818.19	GT60320							96099089					
0818.19	GT60320							96099089					
0818.19	GT60320							96099089					
								0830.24		0830.25	GT30560		
								0830.26					
		0823.08						0830.24		0830.25	GT30560		
		0823.09						0830.26					
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.33	GT50570							0830.13	GT50590				
0829.19	GT80260												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	806 (221) - 2.0 16V	XU10J4R	1998	1998. 05 ~ 2000. 09	VKMA 03213
	806 (221) - 2.0 Turbo	XU10J2TE	1998	1994. 06 ~ 2002. 08	VKMA 03201
	806 (221) - 2.1 td 12V	P8C (XUD11BTE)	2088	1996. 06 ~ 1999. 08	VKMA 03251
	807 (E) - 3.0 V6	XFX (ES9J4S)	2946	2002. 06 ~	VKMA 03902
	BIPPER (AA_) - 1.4 HDI	8HS (DV4TD)	1398	2008. 02 ~	VKMA 03140
	BIPPER Tepee - 1.4 HDI	8HS (DV4TD)	1398	2008. 04 ~	VKMA 03140
	BOXER Box (230L) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 10 ~ 2001. 11	VKMA 02383
	BOXER Box (230L) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 11 ~ 2002. 04	VKMA 02383
	BOXER Box (230L) - 2.8 HDI 4x4	Sofim 2800 HDI	2798	2000. 10 ~ 2001. 11	VKMA 02383
	BOXER Box (230L) - 2.8 HDI 4x4	Sofim 2800 HDI	2798	2000. 10 ~ 2002. 04	VKMA 02383
	BOXER Bus (230P) - 1.9 D	D9B (XUD9AU)	1905	1994. 03 ~ 2002. 04	VKMA 03241
	BOXER Bus (230P) - 1.9 TD	D8C (XUD9UTF)	1905	1994. 03 ~ 2002. 04	VKMA 03241
	BOXER Bus (230P) - 2.0 i	XU10J2	1998	1994. 03 ~ 2002. 04	VKMA 03202
	BOXER Bus (230P) - 2.0 i 4x4	XU10J2	1998	1994. 06 ~ 2002. 04	VKMA 03202
	BOXER Bus (230P) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 10 ~ 2001. 11	VKMA 02383
	BOXER Bus (230P) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 11 ~ 2002. 04	VKMA 02383
	BOXER Bus (230P) - 2.8 HDI 4x4	Sofim 2800 HDI	2798	2000. 11 ~ 2002. 04	VKMA 02383
	BOXER Bus (230P) - 2.8 HDi All-wheel Drive	Sofim 2800 HDI	2798	2000. 10 ~ 2001. 11	VKMA 02383
	BOXER Bus (244, Z_) - 2.0	XU10J2U	1998	2002. 04 ~	VKMA 03202
	BOXER Platform/Chassis (ZCT_) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 10 ~ 2001. 11	VKMA 02383
	BOXER Platform/Chassis (ZCT_) - 2.8 HDI	Sofim 2800 HDI	2798	2000. 11 ~ 2002. 04	VKMA 02383
	BOXER Platform/Chassis (ZCT_) - 2.8 HDI All-wheel Drive	Sofim 2800 HDI	2798	2000. 10 ~ 2001. 11	VKMA 02383
	EXPERT (224) - 1.6	1580 SPI	1581	1996. 02 ~	VKMA 02410
	EXPERT (224) - 1.8	XU7JP	1761	1996. 10 ~ 2000. 09	VKMA 03201
	EXPERT (224) - 1.9 D	D9B (XUD9AU)	1905	1996. 02 ~ 1997. 01	VKMA 03241
	EXPERT (224) - 1.9 D	DHX (XUD9TE)	1905	1996. 02 ~ 1997. 01	VKMA 03241
	EXPERT Box (222) - 1.6	1580 SPI	1581	1996. 02 ~	VKMA 02410
	EXPERT Box (222) - 1.8	XU7JP	1761	1996. 10 ~ 2000. 09	VKMA 03201
	EXPERT Platform/Chassis (223) - 1.6	1580 SPI	1581	1996. 02 ~	VKMA 02410
	EXPERT Tepee (VF3V_) - 1.6 HDi 90	9HU (DV6UTED4)	1560	2007. 01 ~	VKMA 03259
	J5 Box (280L) - 2.5 D	CRD93	2498	1981. 09 ~ 1990. 08	VKMA 03050
	J5 Box (280L) - 2.5 DT	CRD93S	2498	1981. 09 ~ 1990. 08	VKMA 03050
	J5 Box (290L) - 2.5 D	CRD93	2498	1990. 09 ~ 1994. 01	VKMA 03050
J5 Box (290L) - 2.5 D 4x4	CRD93	2500	1990. 10 ~ 1994. 03	VKMA 03050	
J5 Box (290L) - 2.5 DT	CRD93S	2498	1990. 09 ~ 1994. 01	VKMA 03050	
J5 Box (290L) - 2.5 TD 4x4	CRD93S	2500	1990. 10 ~ 1994. 03	VKMA 03050	
J5 Bus (280P) - 2.5 D	CRD93	2498	1981. 09 ~ 1990. 09	VKMA 03050	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0818.32	GT50510							96099089					
0829.19	GT80260												
0818.19	GT60320							96099089					
		0823.08 0823.09						0830.24 0830.26		0830.25	GT30560		
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
0829.33	GT50570							0830.13	GT50590				
0829.33	GT50570							0830.13	GT50590				
0818.32	GT50510												
0818.32	GT50510												
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
0818.32	GT50510												
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
								99432547	GT60520	99432547	GT60520		
5972277	GT80290												
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
0829.33	GT50570							0830.13	GT50590				
5972277	GT80290												
0829.19	GT80260												
5972277	GT80290												
		082988	GTB0200					0830.48	GT30500				
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	J5 Bus (290P) - 2.5 D	CRD93	2500	1990. 10 ~ 1994. 02	VKMA 03050
	J5 Bus (290P) - 2.5 D 4x4	CRD93	2500	1990. 10 ~ 1994. 02	VKMA 03050
	J5 Bus (290P) - 2.5 TD	CRD93S	2500	1990. 10 ~ 1994. 02	VKMA 03050
	J5 Bus (290P) - 2.5 TD 4x4	CRD93S	2500	1990. 10 ~ 1994. 02	VKMA 03050
	J5 Platform/Chassis (280L) - 2.5 D	CRD93	2500	1981. 09 ~ 1990. 09	VKMA 03050
	J5 Platform/Chassis (280L) - 2.5 D 4x4	CRD93	2498	1981. 09 ~ 1990. 08	VKMA 03050
	J5 Platform/Chassis (280L) - 2.5 DT	CRD93S	2498	1981. 09 ~ 1990. 08	VKMA 03050
	J5 Platform/Chassis (290L) - 2.5 D	CRD93	2500	1990. 10 ~ 1994. 02	VKMA 03050
	J5 Platform/Chassis (290L) - 2.5 D 4x4	CRD93	2500	1990. 10 ~ 1994. 02	VKMA 03050
	J5 Platform/Chassis (290L) - 2.5 TD	CRD93S	2500	1990. 10 ~ 1994. 02	VKMA 03050
	J5 Platform/Chassis (290L) - 2.5 TD 4x4	CRD93S	2500	1990. 10 ~ 1994. 02	VKMA 03050
	PARTNER Box (5) - 1.1	TU1M+	1124	1996. 06 ~	VKMA 03100
	PARTNER Box (5) - 1.1 (MOT:3762433)	TU1JP	1124	1996. 06 ~	VKMA 03100
	PARTNER Box (5) - 1.4	TU3-2	1360	1996. 06 ~	VKMA 03110
	PARTNER Box (5) - 1.4 (MOT:3666765)	TU3JP	1360	1996. 06 ~	VKMA 03110
	PARTNER Box (5) - 1.6 HDi 75	9HW (DV6BTED4)	1560	2006. 02 ~	VKMA 03259
	PARTNER Box (5) - 1.6 HDi 90	9HX (DV6ATED4)	1560	2006. 02 ~	VKMA 03259
	PARTNER Combispac (5F) - 1.1	TU1M+	1124	1996. 06 ~	VKMA 03100
	PARTNER Combispac (5F) - 1.1 (MOT:3762433)	TU1JP	1124	1996. 06 ~	VKMA 03100
	PARTNER Combispac (5F) - 1.4	TU3-2	1360	1996. 06 ~	VKMA 03110
	PARTNER Combispac (5F) - 1.4 (MOT:3666765)	TU3JP	1360	1996. 06 ~	VKMA 03110
	PARTNER Combispac (5F) - 1.6 HDi 75	9HW (DV6BTED4)	1560	2006. 02 ~	VKMA 03259
	PARTNER Combispac (5F) - 1.6 HDi 90	9HX (DV6ATED4)	1560	2006. 02 ~	VKMA 03259
	PARTNER Combispac (5F) - 1.8	XU7JB	1761	1997. 05 ~	VKMA 03201
	PARTNER Combispac (5F) - 1.9 D	XUD9	1905	1996. 05 ~ 1998. 12	VKMA 03241
	PARTNER Tepee - 1.6 HDI	9HT (DV6BTED4)	1560	2008. 04 ~	VKMA 03259
	PARTNER Tepee - 1.6 HDI	9HV (DV6TED4) / 9HX (DV6ATED4)	1560	2008. 04 ~	VKMA 03259
	106 I (1A, 1C) - 1.0 AC	TU9M / TU9	954	1991. 09 ~ 1996. 04	
	106 I (1A, 1C) - 1.1 AC	TU1M	1124	1991. 09 ~ 1996. 04	
	106 I (1A, 1C) - 1.3 AC	TU2J2	1294	1993. 10 ~ 1996. 04	
	106 I (1A, 1C) - 1.4 AC	TU3	1360	1991. 08 ~ 1996. 03	
	106 I (1A, 1C) - 1.4 AC	TU3MC / TU3M	1361	1991. 08 ~ 1996. 04	
	106 I (1A, 1C) - 1.4 D AC	TUD3Y	1361	1992. 09 ~ 1996. 04	
106 I (1A, 1C) - 1.6 AC	TU5JP	1587	1993. 06 ~ 1996. 04		
106 I (1A, 1C) - 1.6 AC	TU5J2	1587	1994. 01 ~ 1996. 04		
205 I (741A/C) - 1.6	B1E (XU51C)	1580	1987. 03 ~ 1987. 10		
205 I (741A/C) - 1.6	B1A (XU51C)	1580	1986. 08 ~ 1987. 10		





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0818.21	GT80290			0818.17	GT50530								
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
0829.19	GT80260												
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
0829.19	GT80260												
0829.33	GT50570							0830.13	GT50590				
		082988	GTB0200					0830.48	GT30500				
		082988	GTB0200					0830.48	GT30500				
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.S4/S5	GT60950												
6453.76	GT80460												
6453.76	GT80460												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	205 I (741A/C) - 1.6 GTI	180A (XU5J)	1580	1984. 12 ~ 1987. 10	
	205 I (741A/C) - 1.6 GTI		1580	1983. 02 ~ 1987. 07	
	205 I (741A/C) - 1.9 GTI	DFZ (XU9J1)	1905	1987. 03 ~ 1987. 10	
	205 I Convertible (741B, 20D) - 1.6 CJ	BDY (XU5M3Z)	1580	1992. 08 ~ 1994. 12	
	205 I Convertible (741B, 20D) - 1.6 CTI	180A (XU5J) / 180Z (XU5J)	1580	1986. 04 ~ 1990. 10	
	205 I Convertible (741B, 20D) - 1.9	DFZ (XU9J1)	1905	1986. 05 ~ 1987. 07	
	205 I Convertible (741B, 20D) - 1.9 Cti	DFZ (XU9J1)	1905	1987. 08 ~ 1990. 07	
	205 I Convertible (741B, 20D) - 1.9 CTI	DFZ (XU9J1)	1905	1987. 10 ~ 1994. 12	
	205 I Convertible (741B, 20D) - 1.9 Cti		1905	1990. 08 ~ 1992. 07	
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.4 (B/CB0C)	E7J 634 / E7J 635	1390	1998. 09 ~ 2005. 05	
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.6 (B/CB0D)	K7M 746	1598	1998. 09 ~ 2005. 05	
	SPACE III (JE0_) - 2.0	F4R 700 / F4R 701	1998	2001. 09 ~ 2002. 10	
	KANGOO (KC0/1_) - 1.4 (KC0C, KC0H, KC0B, KC0M)	E7J 634 / E7J 635 / K7J 700 / K7J 701	1390	1997. 08 ~	
	KANGOO (KC0/1_) - 1.6	K7M 746	1598	1999. 09 ~ 2001. 06	
	KANGOO (KC0/1_) - 1.6 16V	K4M 708 / / K4M 730 / K4M 750 / K4M 752 / / K4M 753 / K4M 850	1598	2001. 06 ~	
	KANGOO (KC0/1_) - 1.6 16V bivalent	K4M 732 / K4M 754	1598	2005. 06 ~	
	KANGOO Express (FC0/1_) - 1.6 16V	K4M 708 / / K4M 730 / K4M 750 / K4M 752 / / K4M 753 / K4M 850	1598	2001. 10 ~	
	LAGUNA I (B56_, 556_) - 1.6 16V (B568, B561)	K4M 720	1598	1997. 11 ~ 2001. 03	
	LAGUNA I (B56_, 556_) - 1.8 16V (B563, B564)	F4P 760	1783	1998. 04 ~ 2001. 03	
	LAGUNA I (B56_, 556_) - 2.0 (556A)	F4R 780	1998	1999. 09 ~ 2001. 02	
	LAGUNA I (B56_, 556_) - 2.0 16V (556A/B)	F4R 780	1998	1999. 09 ~ 2001. 03	
	LAGUNA II (BG0/1_) - 1.6 16V (BG0A, BG0L)	K4M 710 / K4M 714	1598	2001. 03 ~	
	LAGUNA II (BG0/1_) - 1.9 dCi (BG0R)	F9Q 754	1870	2001. 10 ~ 2002. 03	
	LAGUNA II Grandtour (KG0/1_) - 1.6 16V	K4M 716	1598	2005. 02 ~	
	LAGUNA II Grandtour (KG0/1_) - 1.6 16V (KG0A, KG0L)	K4M 710 / K4M 714	1598	2001. 03 ~	
	LAGUNA II Grandtour (KG0/1_) - 1.6 FlexFuel	K4M 710 / K4M 714	1598	2001. 06 ~ 2003. 10	
	LAGUNA II Grandtour (KG0/1_) - 1.9 dCi (KG0E, KG0R)	F9Q 754	1870	2001. 10 ~ 2002. 03	
	LAGUNA III (BT0/1) - 1.6 16V (BT04, BT0D, BT0U)	K4M 824	1598	2007. 10 ~ 2009. 10	
	LOGAN (LS_) - 1.4	K7J 710 / K7J 714	1390	2004. 09 ~	
	LOGAN (LS_) - 1.6	K7M 718 / K7M 732	1598	2004. 09 ~	
	LOGAN (LS_) - 1.6	K4M 690 / K4M 698	1598	2007. 04 ~	
	MEGANE I (BA0/1_) - 1.4 e (BA0E, BA0V)	E7J 626	1390	1996. 01 ~ 2003. 08	
	MEGANE I (BA0/1_) - 1.6 16V (BA11, BA04, BA0B, BA1J)	K4M 700 / K4M 701 / K4M 704 / K4M 706 / K4M 708 / K4M 709 / K4M 712	1598	1999. 03 ~ 2003. 08	
MEGANE I (BA0/1_) - 1.8 16V (BA06, BA12, BA1A, BA1M, BA1R)	F4P 720 / F4P 722	1783	2001. 01 ~ 2003. 08		
SANDERO/STEPWAY - 1.4	K7J 710	1390	2009. 02 ~ 2009. 09		
SANDERO/STEPWAY - 1.6	K7M 710	1598	2009. 02 ~ 2009. 09		
SANDERO/STEPWAY - 1.6	K7M 710	1598	2007. 12 ~ 2009. 09		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
6453.76	GT80460												
6453.76	GT80460												
6453.76	GT80460												
6453.76	GT80460												
6453.76	GT80460												
6453.76	GT80460												
6453.76	GT80460												
6453.76	GT80460												
6453.76	GT80460												
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	SCÉNIC I (JA0/1_) - 1.4 16V (JA0D, JA1H, Ja0W, JA10)	K4J 714 / K4J 750	1390	1999. 09 ~ 2003. 08	
	SCÉNIC I (JA0/1_) - 1.6	K4M 708 / K4M 709	1598	2001. 03 ~ 2003. 08	
	SCÉNIC I (JA0/1_) - 1.6	K4M 706	1598	1999. 09 ~ 2003. 09	
	SCÉNIC I (JA0/1_) - 1.6 16V	K4M 707 / K4M 776	1598	1999. 09 ~ 2003. 08	
	SCÉNIC I (JA0/1_) - 1.8 16V (JA12, JA1R, JA1M, JA1A)	F4P 720 / F4P 722	1783	2001. 01 ~ 2003. 08	
	SCÉNIC I (JA0/1_) - 1.8 4x4	F4P 722	1783	2000. 07 ~ 2001. 04	
	SCÉNIC I (JA0/1_) - 2.0 16V (JA1B, JA1D)	F4R 740 / F4R 741 / F4R 746	1998	2000. 07 ~ 2003. 08	
	SCÉNIC I (JA0/1_) - 2.0 16V RX4	F4R 744	1998	2000. 06 ~ 2003. 08	
	206 Hatchback (2A/C) - 2.0 S16	EW10J4	1997	1999. 04 ~ 2000. 10	VKMA 03235
	206 Hatchback (2A/C) - 2.0 S16	EW10J4	1997	2000. 10 ~	VKMA 03235
	206 Hatchback (2A/C) - 2.0 RC	EW10J4S	1997	2003. 07 ~	VKMA 03235
	206 SW (2E/K) - 2.0 16V	EW10J4S	1997	2002. 07 ~	VKMA 03235
	206 CC (2D) - 2.0 S16	EW10J4	1997	2000. 09 ~	VKMA 03235
	206 CC (2D) - 2.0 S16	EW10J4S	1997	2000. 09 ~	VKMA 03235
	307 (3A/C) - 2.0 16V	EW10J4	1997	2000. 08 ~	VKMA 03235
	307 (3A/C) - 2.0 16V	EW10J4S	1997	2005. 06 ~	VKMA 03235
	307 Break (3E) - 2.0	EW10J4	1997	2002. 03 ~	VKMA 03235
	307 Break (3E) - 2.0 16V	EW10J4S	1997	2005. 06 ~	VKMA 03235
	307 SW (3H) - 2.0 16V	EW10J4	1997	2002. 03 ~	VKMA 03235
	307 CC (3B) - 2.0 16V	EW10J4	1997	2003. 10 ~	VKMA 03235
	307 CC (3B) - 2.0 16V	EW10J4S	1997	2003. 10 ~	VKMA 03235
	406 (8B) - 1.8 16V	EW7J4	1749	2000. 10 ~ 2004. 05	VKMA 03235
	406 (8B) - 2.0 16V	EW10J4	1997	1999. 01 ~ 2000. 08	VKMA 03235
	406 (8B) - 2.0 16V	EW10J4	1997	2000. 08 ~ 2004. 06	VKMA 03235
	406 (8B) - 2.2	EW12J4	2230	2000. 07 ~ 2004. 05	VKMA 03235
	206 Hatchback (2A/C) - 1.4 16V	ET3J4	1360	2003. 10 ~	VKMA 03258
	206 SW (2E/K) - 1.4 16V	ET3J4	1360	2003. 10 ~	VKMA 03258
	207 (WA_, WC_) - 1.4 Bioflex	ET3J4	1360	2008. 08 ~	VKMA 03258
	207 (WA_, WC_) - 1.4 16V	ET3J4	1360	2006. 02 ~	VKMA 03258
	207 Saloon - 1.4 Bioflex	ET3J4	1360	2008. 11 ~	VKMA 03258
	307 (3A/C) - 1.4 16V	ET3J4	1360	2003. 11 ~	VKMA 03258
	307 Break (3E) - 1.4 16V	ET3J4	1360	2003. 11 ~	VKMA 03258
	307 SW (3H) - 1.4 16V	ET3J4	1360	2003. 11 ~	VKMA 03258
1007 (KM_) - 1.4 16V	ET3J4	1360	2005. 10 ~	VKMA 03258	
206 Hatchback (2A/C) - 1.6 16V MOT:1806404	TU5JP4	1587	2000. 12 ~	VKMA 03132	
206 Hatchback (2A/C) - 1.6 16V MOT:1850061	TU5JP4	1587	2000. 12 ~	VKMA 03132	
206 Saloon - 1.6 16V MOT:1806404	TU5JP4	1587	2007. 03 ~	VKMA 03132	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
								7700-10293	GT70770				
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.77	GTB0220					0830.42					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.A5	GTB0230					0830.52					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	206 SW (2E/K) - 1.6 16V MOT:1806404	TU5JP4	1587	2002. 07 ~	VKMA 03132
	206 SW (2E/K) - 1.6 16V MOT:1850061	TU5JP4	1587	2002. 07 ~	VKMA 03132
	206 CC (2D) - 1.6 16V MOT:1806404	TU5JP4	1587	2000. 09 ~	VKMA 03132
	206 CC (2D) - 1.6 16V MOT:1850061	TU5JP4	1587	2000. 09 ~	VKMA 03132
	307 (3A/C) - 1.6 16V MOT:1806404	TU5JP4	1587	2000. 08 ~	VKMA 03132
	307 Break (3E) - 1.6 16V MOT:1806404	TU5JP4	1587	2002. 03 ~	VKMA 03132
	307 Break (3E) - 1.6 BioFlex	TU5JP4	1587	2007. 09 ~	VKMA 03132
	307 SW (3H) - 1.6 16V MOT:1806404	TU5JP4	1587	2002. 03 ~	VKMA 03132
	307 SW (3H) - 1.6 BioFlex MOT:1806404	TU5JP4	1587	2007. 09 ~	VKMA 03132
	307 CC (3B) - 1.6 16V MOT:1806404	TU5JP4	1587	2005. 02 ~	VKMA 03132
	306 Hatchback (7A, 7C, N3, N5) - 1.8 16V DEP:CEE 95	XU7JP4	1761	1997. 03 ~ 2001. 05	VKMA 03214
	306 (7B, N3, N5) - 1.8 16V DEP:CEE 95	XU7JP4	1761	1997. 03 ~ 2001. 05	VKMA 03214
	306 Break (7E, N3, N5) - 1.8 16V DEP:CEE 95	XU7JP4	1761	1997. 03 ~ 2002. 04	VKMA 03214
	306 Convertible (7D, N3, N5) - 1.8 16V DEP:CEE 95	XU7JP4	1761	2000. 07 ~ 2002. 04	VKMA 03214
	406 (8B) - 1.8 16V DEP:CEE 95	XU7JP4	1761	1995. 11 ~ 2000. 10	VKMA 03214
	406 Break (8E/F) - 1.8 16V DEP:CEE 95	XU7JP4	1761	1996. 10 ~ 2000. 10	VKMA 03214
	307 (3A/C) - 2.0 HDi 135	DW10BTED4	1997	2003. 10 ~	VKMA 03257
	307 Break (3E) - 2.0 HDi 135	DW10BTED4	1997	2004. 02 ~	VKMA 03257
	307 SW (3H) - 2.0 HDi 135	DW10BTED4	1997	2004. 02 ~	VKMA 03257
	307 CC (3B) - 2.0 HDi 135	DW10BTED4	1997	2005. 06 ~	VKMA 03257
	308 (4A_, 4C_) - 2.0 HDi	DW10BTED4	1997	2007. 09 ~	VKMA 03257
	308 (4A_, 4C_) - 2.0 HDi	DW10BTED4	1997	2012. 04 ~	VKMA 03257
	308 SW - 2.0 HDi	DW10BTED4	1997	2007. 09 ~	VKMA 03257
	308 CC - 2.0 HDi	DW10BTED4	1997	2009. 04 ~	VKMA 03257
	407 (6D_) - 2.0 HDi 135	DW10BTED4	1997	2004. 05 ~	VKMA 03257
	407 (6D_) - 2.0 HDi	DW10BTED4	1997	2008. 08 ~	VKMA 03257
	407 SW (6E_) - 2.0 HDi 135	DW10BTED4	1997	2004. 05 ~	VKMA 03257
	407 SW (6E_) - 2.0 HDi	DW10BTED4	1997	2008. 08 ~	VKMA 03257
	407 Coupe (6C_) - 2.0 HDi	DW10BTED4	1997	2005. 10 ~	VKMA 03257
	508 - 2.0 HDi	DW10BTED4	1997	2010. 11 ~	VKMA 03257
	508 SW - 2.0 HDi	DW10BTED4	1997	2010. 11 ~	VKMA 03257
	607 (9D, 9U) - 2.0 HDi	DW10BTED4	1997	2005. 09 ~	VKMA 03257
	807 (E) - 2.0 HDi	DW10UTED4	1997	2006. 02 ~	VKMA 03257
807 (E) - 2.0 HDi	DW10BTED4	1997	2006. 06 ~	VKMA 03257	
EXPERT Tepee (VF3V_) - 2.0 HDi 120	DW10UTED4	1997	2007. 01 ~	VKMA 03257	
EXPERT Tepee (VF3V_) - 2.0 HDi 140	DW10BTED4	1997	2007. 01 ~	VKMA 03257	
306 Hatchback (7A, 7C, N3, N5) - 1.8	XU7JP	1761	1997. 05 ~ 1999. 04		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.82	GTB0240					0830.20					
		0829.69	GTB0310					0830.11					
		0829.69	GTB0310					0830.11					
		0829.69	GTB0310					0830.11					
		0829.69	GTB0310					0830.11					
		0829.69	GTB0310					0830.11					
		0829.69	GTB0310					0830.11					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					
		0829.A4	GTB0340					0830.51					

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PEUGEOT	306 Hatchback (7A, 7C, N3, N5) - 1.8	XU7JP	1762	1993.05 ~ 2001.05	
	306 Hatchback (7A, 7C, N3, N5) - 2.0 XSI	XU10J2	1998	1993.05 ~ 2001.05	
	306 Hatchback (7A, 7C, N3, N5) - 2.0 S16	XU10J4	1998	1994.06 ~ 2001.05	
	306 Hatchback (7A, 7C, N3, N5) - 2.0 S16	XU10J4Z	1998	1993.05 ~ 2001.05	
	306 Break (7E, N3, N5) - 1.8	XU7JP	1762	1997.03 ~ 2002.04	
	306 Convertible (7D, N3, N5) - 1.8	XU7JP	1762	1994.03 ~ 2002.04	
	306 Convertible (7D, N3, N5) - 2.0	XU10J2	1998	1994.03 ~ 2002.04	
	405 II (4B) - 1.6	XU5JP	1580	1992.08 ~ 1995.10	
	405 II (4B) - 1.8	XU7JP	1762	1992.08 ~ 1995.10	
	405 II (4B) - 2.0	XU10J2	1998	1992.08 ~ 1995.10	
	405 II (4B) - 2.0 X4	XU10J2	1998	1992.08 ~ 1995.10	
	405 II (4B) - 2.0 16V	XU10J4	1998	1994.06 ~ 1995.10	
	405 II (4B) - 2.0 MI-16	XU10J4Z	1998	1992.08 ~ 1995.10	
	405 II (4B) - 2.0 T 16 X4	XU10J4TE/Z	1998	1992.08 ~ 1995.10	
	406 (8B) - 1.6	XU5JP	1580	1995.11 ~ 2004.05	
	605 (6B) - 2.0 16V	XU10J4R	1998	1994.07 ~ 1999.09	
	806 (221) - 1.8	XU7JP	1761	1995.07 ~ 2002.08	
	806 (221) - 2.0	XU10J2	1998	1994.06 ~ 2002.08	
	806 (221) - 2.0 Turbo	XU10J2TE	1998	1994.06 ~ 2002.08	
	EXPERT (224) - 1.8	XU7JP	1761	1996.10 ~ 2000.09	
EXPERT Box (222) - 1.8	XU7JP	1761	1996.10 ~ 2000.09		
206 Hatchback (2A/C) - 1.4 HDi eco 70	DV4TD	1398	2001.09 ~		
206 Hatchback (2A/C) - 1.4 HDI	DV4TD	1398	2002.09 ~ 2007.02		
206 SW (2E/K) - 1.4 HDI	DV4TD	1398	2002.07 ~		
407 (6D_) - 1.6 HDi 110	DV6TED4	1560	2004.05 ~		
407 SW (6E_) - 1.6 HDi 110	DV6TED4	1560	2004.05 ~		
PIAGGIO	PORTER Box - 1.0	CB41	993	1993.02 ~ 1998.05	
	PORTER Box - 1.0	CB42	993	1994.07 ~ 2002.07	
	PORTER Platform/Chassis - 1.0	CB41	993	1993.02 ~ 1994.06	
	PORTER Platform/Chassis - 1.0	CB42	993	1994.07 ~	
PORSCHE	924 - 2.0	XJ / XK	1984	1975.11 ~ 1989.08	VKMA 01000
	924 - 2.0 Turbo	M 31.01	1984	1978.11 ~ 1980.06	VKMA 01000
	924 - 2.0 Turbo	M 31.03	1984	1980.06 ~ 1986.10	VKMA 01000
	924 - 2.0 Carrera GT	M 31.50	1984	1980.06 ~ 1986.10	VKMA 01000
PROTON	AEROBACK Hatchback (C2_A, C9_L) - 1.5		1468	1991.01 ~ 1996.11	
	JUMBUCK Pickup - 1.5	4 G 15	1468	2002.05 ~	
	PERSONA 300 (C9_M) - 313i	G 13 B	1299	1996.03 ~	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.2	GTA0100												
5751.89	GTA0140												
5751.89	GTA0140												
5751.89	GTA0140												
5751.89	GTA0140												
5751.89	GTA0140												
13505-87206	GT60240												
13505-87206	GT60240												
13505-87206	GT60240												
13505-87206	GT60240												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
PROTON	PERSONA 300 (C9_M) - 315 GLi/GLSi	4 G 15 M	1468	1996. 03 ~	
	PERSONA 300 (C9_M) - 315 GLSi	G 15 B	1468	1996. 09 ~	
	PERSONA 300 (C9_M) - 316	4 G 92	1597	1996. 03 ~	
	PERSONA 300 (C9_M) - 316 GLXi	4 G 92	1597	1996. 03 ~	
	PERSONA 400 (C9_S) - 415 GLi/GLSi	4 G 15	1468	1994. 01 ~	
	PERSONA 400 Hatchback (C9_C, C9_S) - 413 GLSi	4 G 13	1299	1994. 01 ~	
	PERSONA 400 Hatchback (C9_C, C9_S) - 415 GLi/GLSi	4 G 15	1468	1994. 01 ~	
	SALOON Saloon (C2_S) - 1.5		1468	1991. 01 ~ 1996. 11	
	WIRA - 1.3	4 G 13	1298	2000. 08 ~	
	WIRA - 1.5	4 G 15	1468	2000. 08 ~	
	WIRA Hatchback - 1.3	4 G 13	1298	2000. 08 ~	
WIRA Hatchback - 1.5	4 G 15 M	1468	2000. 08 ~		
RENAULT	18 (134_) - 2.1 Diesel (1344)	852 710 / J8S 711	2068	1981. 11 ~ 1986. 07	VKMA 06213
	18 (134_) - 2.1 TD	J8S 712	2068	1981. 11 ~ 1986. 07	VKMA 06213
	18 Variable (135_) - 2.1 Diesel	J8S 711	2068	1979. 05 ~ 1986. 07	VKMA 06213
	19 I (B/C53_) - 1.4	E6J 700 / E6J 701 / E6J 706	1390	1988. 01 ~ 1992. 12	VKMA 06000
	19 II (B/C53_) - 1.4	E6J 700 / E7J 706	1390	1992. 01 ~ 1995. 12	VKMA 06000
	19 II Box (S53_) - 1.2	E7F 730	1237	1992.03 ~ 1995. 12	VKMA 06000
	20 (127_) - 2.1 Diesel (1276)	852	2068	1980. 10 ~ 1983. 12	VKMA 06213
	20 (127_) - 2.1 TD	J8S 702	2068	1982. 01 ~ 1983. 12	VKMA 06213
	21 (B48_) - 2.1 D (B480)	J8S 784	2068	1992. 04 ~ 1994. 06	VKMA 06214
	21 Saloon (L48_) - 2.1 Turbo-D (L48A, L48W, L487, L488)	J8S 714 / J8S 786 / J8S 788	2068	1986. 03 ~ 1994. 06	VKMA 06214
	25 (B29_) - 2.1 Diesel (B296)	J8S 736	2068	1989. 06 ~ 1992. 12	VKMA 06214
	25 (B29_) - 2.1 Turbo-D (B290, B29W)	J8S 708 / J8S 738	2068	1984. 04 ~ 1992. 12	VKMA 06214
	30 (127_) - 2.1 Turbo-D (1270)	J8S 702	2068	1982. 02 ~ 1986. 03	VKMA 06213
	AVANTIME (DE0_) - 2.2 dCi (DE01)	G9T 712	2188	2002. 05 ~ 2003. 05	VKMA 06503
	CLIO I (B/C57_, 5/357_) - 1.2 (5/357Y, 5/357K)	D7F 730	1149	1996. 01 ~ 1998. 09	VKMA 06010
	CLIO I (B/C57_, 5/357_) - 1.4 (B57J, C57J)	E7J 756 / E7J 757	1390	1991. 01 ~ 1998. 09	VKMA 06000
	CLIO I (B/C57_, 5/357_) - 1.7 (B/C574)	F2N 770	1721	1991. 01 ~ 1993. 12	VKMA 06101
	CLIO I (B/C57_, 5/357_) - 1.8	F3P 710	1794	1991. 01 ~ 1998. 09	VKMA 06101
	CLIO I (B/C57_, 5/357_) - 1.8	F3P 755	1783	1990. 08 ~ 1996. 04	VKMA 06101
	CLIO I (B/C57_, 5/357_) - 1.8 (B/C57C, B/C57U)	F3P 710 / F3P 714	1794	1991. 01 ~ 1998. 09	VKMA 06101
	CLIO I (B/C57_, 5/357_) - 1.8 16V (C57D)	F7P 720 / F7P 722	1764	1991. 01 ~ 1996. 03	VKMA 06112
	CLIO I (B/C57_, 5/357_) - 1.8 Rsi (B/C579)	F3P 712	1794	1993. 01 ~ 1995. 08	VKMA 06101
	CLIO I (B/C57_, 5/357_) - 1.8 Rsi (B/C57H)	F3P 758	1783	1995. 08 ~ 1998. 09	VKMA 06101
CLIO I (B/C57_, 5/357_) - 1.9 D (B/C/S576, B/C/S57L)	F8Q 676 / F8Q 678 / F8Q 714 / / F8Q 730 / F8Q 732	1870	1991. 01 ~ 1996. 09	VKMA 06113	
CLIO I (B/C57_, 5/357_) - 1.9 D TQ:151	F8Q 692 / F8Q 696	1870	1997. 01 ~ 1998. 09	VKMA 06116	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
MD146186	GT80090												
77007-22452	GT80270								77 00 721 690				
77007-22452	GT80270								77 00 721 690				
77007-22452	GT80270								77 00 721 690				
77007-36085	GT90180												
77007-36085	GT90180												
77007-36085	GT90180												
77007-22452	GT80270								77 00 721 690				
77007-22452	GT80270								77 00 721 690				
77007-22452	GT80270												
77007-22452	GT80270												
77007-22452	GT80270												
77007-22452	GT80270												
77007-22452	GT80270								77 00 721 690				
		82 00 009 194							82 00 004 593	GT30520			
		82 00 127 467											
77007-36085	GT90180												
77007-36085	GT90180												
77 00 726 440	GT60100								77007-35486	GT60110			
77 00 726 440	GT60100								77007-35486	GT60110			
77 00 726 440	GT60100								77007-35486	GT60110			
77 00 726 440	GT60100								77007-35486	GT60110			
77 00 736 419									77007-33489	GT60490			
77 00 726 440	GT60100								77007-35486	GT60110			
77 00 726 440	GT60100								77007-35486	GT60110			
77 00 726 440	GT60100								77007-33489	GT60490			
77 00 726 440	GT60100								77007-33489	GT60490			

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	CLIO I (B/C57_5/357_) - 1.9 D TQ:151	F8Q 692 / F8Q 696	1870	1996. 05 ~ 1998. 02	VKMA 06116
	CLIO I (B/C57_5/357_) - 2.0 16V Williams (B/C57M)	F7R 700	1998	1994. 01 ~ 1998. 09	VKMA 06112
	CLIO I Box (S57_) - 1.9 RND TQ:151	F8Q 692 / F8Q 696	1870	1996. 04 ~ 1998. 02	VKMA 06116
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.2	D7F 720 / D7F 726 / D7F 746 / D7F 764 / D7F 766	1149	1998. 09 ~ 2000. 12	VKMA 06010
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.4 16V	K4J 710 / K4J 711 / K4J 712 / K4J 713	1390	1999. 10 ~ 2004. 09	VKMA 06020
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.6 16V	K4M 708 / K4M 748	1598	1998. 09 ~	VKMA 06020
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.9 D (B/CB0E)	F8Q 630	1870	1998. 09 ~ 2005. 05	VKMA 06116
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.9 D (B/CB0E) TP	F8Q 630	1870	1998. 09 ~ 2005. 05	VKMA 06126
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.9 D (B/CB0J)	F8Q 632	1870	2000. 02 ~ 2001. 05	VKMA 06116
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.9 D (B/CB0J) TP	F8Q 632	1870	2000. 02 ~ 2001. 05	VKMA 06126
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.9 dTi (B/CB0U)	F9Q 780 / F9Q 782	1870	1999. 12 ~ 2005. 05	VKMA 06117
	CLIO II (BB0/1/2_ CB0/1/2_) - 1.9 dTi (B/CB0U)	F9Q 780	1870	1999. 12 ~ 2005. 05	VKMA 06137
	CLIO II Box (SB0/1/2_) - 1.9 D (SB0E)	F8Q 630	1870	1998. 09 ~	VKMA 06116
	CLIO II Box (SB0/1/2_) - 1.9 D (SB0J)	F8Q 632	1870	2000. 02 ~ 2001. 05	VKMA 06116
	CLIO II Box (SB0/1/2_) - 1.9 DTi (SB0U)	F9Q 780 / F9Q 782	1870	2000. 02 ~ 2001. 05	VKMA 06117
	CLIO III (BR0/1, CR0/1) - 1.4 16V	K4J 780	1390	2005. 06 ~	VKMA 06020
	CLIO III (BR0/1, CR0/1) - 1.6 16V	K4M 800 / K4M 801	1598	2005. 06 ~	VKMA 06021
	DUSTER - 1.6 16V (HSAT)	K4M 616	1598	2012. 02 ~	VKMA 06020
	ESPACE I (J11_) - 2.1 TD (J/S115)	J8S 240 / J8S 774	2068	1984. 10 ~ 1990. 12	VKMA 06213
	ESPACE II (J/S63_) - 2.1 TD (J633, J634, J/S635, J/S63D)	J8S 610 / J8S 772 / J8S 776 / J8S 778	2068	1991. 01 ~ 1996. 10	VKMA 06213
	ESPACE III (JE0_) - 1.9 dTi (JE0M)	F9Q 722	1870	2000. 10 ~ 2001. 06	VKMA 06117
	ESPACE III (JE0_) - 1.9 dTi (JE0M)	F9Q 722	1870	1999. 02 ~ 2000. 10	VKMA 06115
	ESPACE III (JE0_) - 1.9 dTi (JE0M) TP	F9Q 722	1870	1999. 02 ~ 2002. 10	VKMA 06137
	ESPACE III (JE0_) - 1.9 dTi (JE0M) TP	F9Q 722	1870	1999. 02 ~ 2000. 10	VKMA 06125
	ESPACE III (JE0_) - 2.0 (JE0A)	F3R 742 / F3R 768 / F3R 769 / F3R 728 / F3R 729	1998	1996. 11 ~ 2000. 10	VKMA 06103
	ESPACE III (JE0_) - 2.0 (JE0A) TP	F3R 742 / F3R 768 / F3R 769	1998	1996. 11 ~ 2000. 10	VKMA 06123
	ESPACE III (JE0_) - 2.0 16V (JE0N, JE0L, JE02)	F4R 700 / F4R 701	1998	1999. 06 ~ 2001. 04	VKMA 06107
	ESPACE III (JE0_) - 2.2 dCi (JE0K)	G9T 642 / G9T 710	2188	2000. 10 ~ 2002. 10	VKMA 06503
	ESPACE III (JE0_) - 2.2 dCi (JE0S)	G9T 710	2188	2000. 07 ~ 2002. 10	VKMA 06503
	ESPACE IV (JK0/1_) - 2.2 dCi (JK07)	G9T 645	2188	2006. 02 ~	VKMA 06503
	ESPACE IV (JK0/1_) - 2.2 dCi (JK0H)	G9T 742 / G9T 743	2188	2002. 11 ~	VKMA 06503
	FUEGO (136_) - 2.1 TD	J8S 712	2068	1982. 08 ~ 1985. 10	VKMA 06214
KANGOO (KC0/1_) - 1.2 (KC0A, KC0K, KC0F, KC01)	D7F 710 / D7F 720 / D7F 722 / D7F 726 / D7F 744 / D7F 746	1149	1997. 08 ~ 2000. 12	VKMA 06010	
KANGOO (KC0/1_) - 1.6 16V	K4M 750 / K4M 752 / K4M 753	1598	2001. 06 ~	VKMA 06020	
KANGOO (KC0/1_) - 1.9 dCi 4x4	F9Q 790	1870	2003. 10 ~	VKMA 06117	
KANGOO (KC0/1_) - 1.9 dCi 4x4 (KC0V)	F9Q 782	1870	2001. 10 ~	VKMA 06117	
KANGOO (KC0/1_) - 1.9 dCi 4x4 (KC0V)	F9Q 782	1870	2001. 10 ~	VKMA 06137	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
77 00 726 440	GT60100							77007-33489	GT60490				
77 00 736 419								77007-33489	GT60490				
77 00 726 440	GT60100							77007-33489	GT60490				
77007-36085	GT90180												
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
77 00 726 440	GT60100							77007-33489	GT60490				
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77007-33489	GT60490				
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 115 862						77001-07249	GT50540	77001-16054	GT50620		
		82 00 079 341											
77 00 726 440	GT60100							77007-33489	GT60490				
77 00 726 440	GT60100							77007-33489	GT60490				
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 108 117	GTB0160					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
77007-22452	GT80270							77 00 721 690					
77007-22452	GT80270							77 00 721 690					
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
77 00 726 440	GT60100							77 00 100 671					
		77 00 115 862						77001-07249	GT50540	77001-16054	GT50620		
		82 00 079 341											
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
77 00 726 440	GT60100							77007-35486	GT60110				
77 00 726 440	GT60100							77007-35486	GT60110				
		77 00 108 920	GTB0250					GTA0280	ATB2285	77001-07150	GT30510		
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
77007-22452	GT80270												
77007-36085	GT90180												
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 115 862						77001-07249	GT50540	77001-16054	GT50620		
		82 00 079 341											

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	KANGOO (KC0/1_) - 1.9 dTi (KC0U)	F9Q 780	1870	2000.02 ~	VKMA 06117
	KANGOO (KC0/1_) - 1.9 dTi (KC0U)	F9Q 780 / F9Q 782	1870	2000.02 ~	VKMA 06137
	KANGOO (KC0/1_) - 1.9 RXED TP	F8Q 632	1870	1999.09 ~ 2001.06	VKMA 06126
	KANGOO (KC0/1_) - D 55 1.9 (KC0D) TP	F8Q 662	1870	1997.08 ~	VKMA 06126
	KANGOO (KC0/1_) - D 65 1.9 (KC0E, KC02, KC0J, KC0N) TP	F8Q 630 / F8Q 632	1870	1997.08 ~	VKMA 06126
	KANGOO Express (FC0/1_) - 1.0	D7D 700 / D7D 760	998	2003.07 ~	VKMA 06010
	KANGOO Express (FC0/1_) - 1.9 D (FC0J) TP	F8Q 632	1870	1999.09 ~ 2003.06	VKMA 06126
	KANGOO Express (FC0/1_) - 1.9 dCi (FC0V)	F9Q 790	1870	2003.07 ~	VKMA 06115
	KANGOO Express (FC0/1_) - 1.9 dCi (FC0V) TP	F9Q 790	1870	2003.07 ~	VKMA 06125
	KANGOO Express (FC0/1_) - 1.9 dCi 4x4 (FC0V)	F9Q 790	1870	2001.10 ~	VKMA 06115
	KANGOO Express (FC0/1_) - 1.9 dCi 4x4 (FC0V)	F9Q 790	1870	2003.07 ~	VKMA 06115
	KANGOO Express (FC0/1_) - 1.9 dCi 4x4 (FC0V) TP	F9Q 790	1870	2001.10 ~	VKMA 06125
	KANGOO Express (FC0/1_) - 1.9 dCi 4x4 (FC0V) TP	F9Q 790	1870	2003.07 ~	VKMA 06125
	KANGOO Express (FC0/1_) - 1.9 dTi (FC0U)	F9Q 780	1870	2000.02 ~	VKMA 06117
	KANGOO Express (FC0/1_) - D 55 1.9 (FC0D) TP	F8Q 662	1870	1997.08 ~	VKMA 06126
	KANGOO Express (FC0/1_) - D 65 1.9 (FC0E, FC02, FC0J, FC0N) TP	F8Q 630 / F8Q 632	1870	1997.08 ~	VKMA 06126
	LAGUNA I (B56_, 556_) - 1.6 16V (B568, B561)	K4M 720	1598	1997.11 ~ 2001.03	VKMA 06020
	LAGUNA I (B56_, 556_) - 1.8 (B56A/B)	F3P 720 / F3P 724	1794	1993.11 ~ 2001.03	VKMA 06101
	LAGUNA I (B56_, 556_) - 1.8 (B56S/T/0)	F3P 670 / F3P 674 / F3P 676 / F3P 678	1783	1995.08 ~ 2001.03	VKMA 06101
	LAGUNA I (B56_, 556_) - 1.8 16V (B563, B564)	F4P 760	1783	1998.04 ~ 2001.03	VKMA 06107
	LAGUNA I (B56_, 556_) - 1.9 dTi (B56J)	F9Q 710	1870	2000.10 ~ 2001.03	VKMA 06117
	LAGUNA I (B56_, 556_) - 1.9 dTi (B56J)	F9Q 717	1870	2000.10 ~ 2001.03	VKMA 06117
	LAGUNA I (B56_, 556_) - 1.9 dTi (B56J) TP	F9Q 710	1870	1997.10 ~ 2000.10	VKMA 06125
	LAGUNA I (B56_, 556_) - 1.9 dTi (B56J) TP	F9Q 716	1870	1997.10 ~ 2001.03	VKMA 06125
	LAGUNA I (B56_, 556_) - 2.0	F3R 611 / F3R 722 / F3R 723 / F3R 728 / F3R 729 / F3R 768 / F3R 769	1994	1993.11 ~ 2001.03	VKMA 06103
	LAGUNA I (B56_, 556_) - 2.0 16V (556A/B)	F4R 780	1998	1999.09 ~ 2001.03	VKMA 06107
	LAGUNA I (B56_, 556_) - 2.0 TP	F3R 611 / F3R 768 / F3R 769	1994	1993.11 ~ 2001.03	VKMA 06123
	LAGUNA I Grandtour (K56_) - 1.9 dTi (K56J)	F9Q 710	1870	2000.10 ~ 2001.03	VKMA 06117
	LAGUNA I Grandtour (K56_) - 1.9 dTi (K56J)	F9Q 717	1870	2000.10 ~ 2001.03	VKMA 06117
	LAGUNA II (BG0/1_) - 1.6 16V (BG0A, BG0L)	K4M 710 / K4M 714	1598	2001.03 ~	VKMA 06020
	LAGUNA II (BG0/1_) - 1.6 16V (BG1G, BG1H)	K4M 716	1598	2005.02 ~	VKMA 06021
	LAGUNA II (BG0/1_) - 1.8 16V (BG06, BG0J, BG0M)	F4P 770 / F4P 771 / F4P 772	1783	2001.03 ~ 2001.03	VKMA 06104
	LAGUNA II (BG0/1_) - 2.0 16V IDE (BG0N)	F5R 700 / F5R 701	1998	2001.04 ~ 2001.04	
LAGUNA II (BG0/1_) - 2.2 dCi	G9T 600 / G9T 605	2188	2005.05 ~	VKMA 06503	
LAGUNA II (BG0/1_) - 2.2 dCi (BG09)	G9T 600 / G9T 605	2188	2004.04 ~ 2005.10	VKMA 06503	
LAGUNA II (BG0/1_) - 2.2 dCi (BG0F)	G9T 702 / G9T 703 / G9T 706 / G9T 707	2188	2001.10 ~	VKMA 06503	
LAGUNA II Grandtour (KG0/1_) - 2.2 dCi	G9T 600 / G9T 605	2188	2005.05 ~	VKMA 06503	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		77 00 115 86 82 00 079 341						77001-16054	GT50620				
		77 00 115 862 82 00 079 341						77001-07249	GT50540	77001-16054	GT50620		
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
77007-36085	GT90180												
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77 00 100 671					
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
77 00 726 440	GT60100							77 00 100 671					
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
		77 00 115 862 82 00 079 341						77001-16054	GT50620				
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
		77 00 108 117	GTB0160					77001-07150	GT30510				
77 00 726 440	GT60100							77007-35486	GT60110				
77 00 726 440	GT60100							77007-35486	GT60110				
		77 00 108 920	GTB0250					GTA0280	ATB2285	77001-07150	GT30510		
		77 00 115 862 82 00 079 341						77001-16054	GT50620				
		77 00 115 862 82 00 079 341						77001-16054	GT50620				
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
77 00 726 440	GT60100							77007-35486	GT60110	77 00 875 305			
		77 00 108 920	GTB0250					GTA0280	ATB2285	77001-07150	GT30510		
77 00 726 440	GT60100							77007-35486	GT60110				
		77 00 115 862 82 00 079 341						77001-16054	GT50620				
		77 00 115 862 82 00 079 341						77001-16054	GT50620				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
		77 00 108 920	GTB0250					77001-07150	GT30510				
								77001-07150	GT30510				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	LAGUNA II Grandtour (KG0/1_) - 2.2 dCi (KG09)	G9T 600 / G9T 605	2188	2004. 04 ~ 2005. 10	VKMA 06503
	LAGUNA II Grandtour (KG0/1_) - 2.2 dCi (KG0F)	G9T 702 / G9T 703 / G9T 706 / G9T 707	2188	2001. 10 ~	VKMA 06503
	LAGUNA III (BT0/1) - 1.6 16V (BT04, BT0D, BT0U)	K4M 824	1598	2007. 10 ~	VKMA 06021
	LOGAN (LS_) - 1.6	K4M 690 / K4M 694 / K4M 697 / K4M 698	1598	2007. 04 ~	VKMA 06020
	LOGAN Estate (KS_) - 1.6	K4M 690 / K4M 696 / K4M 697	1598	2007. 04 ~	VKMA 06020
	MASTER II Box (FD) - 1.9 dTi	F9Q 770	1870	2000. 09 ~	VKMA 06117
	MASTER II Box (FD) - 2.2 dCi 90	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~	VKMA 06503
	MASTER II Box (FD) - 2.5 dCi	G9U 754	2464	2006. 08 ~	VKMA 06503
	MASTER II Box (FD) - 2.5 dCi	G9U 754	2464	2004. 01 ~	VKMA 06503
	MASTER II Box (FD) - 2.5 dCi	G9U 650	2464	2006. 08 ~	VKMA 06503
	MASTER II Box (FD) - 2.5 dCi	G9U 632	2464	2006. 08 ~	VKMA 06503
	MASTER II Box (FD) - 2.5 dCi 100 (FD0U, FD0V)	G9U 754	2463	2003. 10 ~	VKMA 06503
	MASTER II Box (FD) - 2.5 dCi 120	G9U 720 / G9U 724 / G9U 750 / G9U 754	2463	2001. 10 ~	VKMA 06503
	MASTER II Bus (JD) - 1.9 dTi	F9Q 770	1870	2000. 09 ~	VKMA 06117
	MASTER II Bus (JD) - 2.2 dCi 90	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~	VKMA 06503
	MASTER II Bus (JD) - 2.5 dCi	G9U 754	2464	2006. 08 ~	VKMA 06503
	MASTER II Bus (JD) - 2.5 dCi	G9U 754	2464	2004. 01 ~	VKMA 06503
	MASTER II Bus (JD) - 2.5 dCi	G9U 650	2464	2006. 08 ~	VKMA 06503
	MASTER II Bus (JD) - 2.5 dCi	G9U 632	2464	2006. 08 ~	VKMA 06503
	MASTER II Bus (JD) - 2.5 dCi 100 (JDCV)	G9U 754	2463	2003. 10 ~	VKMA 06503
	MASTER II Bus (JD) - 2.5 dCi 120	G9U 720 / G9U 724 / G9U 750 / G9U 754	2463	2001. 10 ~	VKMA 06503
	MASTER II Bus (JD/FD) - 1.9 Dti	F9Q 770	1870	2000. 09 ~	VKMA 06137
	MASTER II Platform/Chassis (ED/HD/UD) - 2.2 dCi 90	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~	VKMA 06503
	MASTER II Platform/Chassis (ED/HD/UD) - 2.5 dCi	G9U 754	2464	2006. 08 ~	VKMA 06503
	MASTER II Platform/Chassis (ED/HD/UD) - 2.5 dCi	G9U 754	2464	2004. 01 ~	VKMA 06503
	MASTER II Platform/Chassis (ED/HD/UD) - 2.5 dCi	G9U 650	2464	2006. 08 ~	VKMA 06503
	MASTER II Platform/Chassis (ED/HD/UD) - 2.5 dCi	G9U 632	2464	2006. 08 ~	VKMA 06503
	MASTER II Platform/Chassis (ED/HD/UD) - 2.5 dCi 100 (ED4V, ED8V)	G9U 754	2463	2003. 10 ~	VKMA 06503
	MASTER II Platform/Chassis (ED/HD/UD) - 2.5 dCi 120	G9U 720 / G9U 724 / G9U 750 / G9U 754	2463	2001. 10 ~	VKMA 06503
	MEGANE I (BA0/1_) - 1.4 16V (BA0D, BA1H, BA0W, BA10)	K4J 714 / K4J 750	1390	1999. 03 ~ 2003. 08	VKMA 06020
	MEGANE I (BA0/1_) - 1.4 e (BA0E, BA0V)	E7J 624 / E7J 764	1390	1996. 01 ~ 1999. 03	VKMA 06000
	MEGANE I (BA0/1_) - 1.6 16V (BA11, BA04, BA0B, BA1J)	K4M 700 / K4M 701 / K4M 704 / K4M 708	1598	1999. 03 ~ 2003. 08	VKMA 06020
	MEGANE I (BA0/1_) - 1.6 e (BA0F, BA0S)	K7M 702 / K7M 703 / K7M 790	1598	1996. 01 ~ 1999. 03	VKMA 06000
MEGANE I (BA0/1_) - 1.8 16V (BA06, BA12, BA1A, BA1M, BA1R)	F4P 720 / F4P 722	1783	2001. 01 ~ 2003. 08	VKMA 06107	
MEGANE I (BA0/1_) - 1.9 D Eco (B/SA0U, BA0A)	F8Q 622 / F8Q 624	1870	1996. 01 ~ 2003. 08	VKMA 06124	
MEGANE I (BA0/1_) - 1.9 Dti	F9Q 731 / F9Q 744	1870	2000. 02 ~ 2000. 09	VKMA 06117	
MEGANE I (BA0/1_) - 1.9 dTi (BA08, BA0N)	F9Q 731 / F9Q 744	1870	1997. 03 ~ 2001. 02	VKMA 06117	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 191 324	GTB0180					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		77 00 115 862						77001-07249	GT50540	77001-16054	GT50620		
		82 00 079 341											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467											
		77 00 108 117	GTB0160					77001-07150	GT30510				
77007-36085	GT90180												
		77 00 108 117	GTB0160					77001-07150	GT30510				
77007-36085	GT90180												
		77 00 108 920	GTB0250					GTA0280	ATB2285	77001-07150	GT30510		
77 00 726 440	GT60100							77007-35486	GT60110	77001-07249	GT50540		
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	MEGANE I (BA0/1_) - 1.9 dTi (BA08, BA0N) TP	F9Q 734 / F9Q 738 / F9Q 748	1870	1997. 03 ~ 2001. 02	VKMA 06125
	MEGANE I (BA0/1_) - 1.9 dTi (BA1U)	F9Q 731 / F9Q 744	1870	2001. 02 ~ 2003. 08	VKMA 06117
	MEGANE I (BA0/1_) - 2.0 16V (BA0H)	F7R 714	1998	1996. 07 ~ 2003. 08	VKMA 06122
	MEGANE I (BA0/1_) - 2.0 i (BA0G)	F3R 750 / F3R 751 / F3R 791 / F3R 796 / F3R 797 / F3R 798	1998	1996. 01 ~ 2003. 08	VKMA 06103
	MEGANE I Classic (LA0/1_) - 1.9 dCi (LA05, LA1F) TP	F9Q 732 / F9Q 733 / F9Q 738	1870	2001. 02 ~ 2003. 08	VKMA 06125
	MEGANE I Classic (LA0/1_) - 1.9 dTi (LA1U)	F9Q 744	1870	2001. 02 ~ 2003. 08	VKMA 06117
	MEGANE I Classic (LA0/1_) - 2.0 i (LA0G)	F4R 740 / F4R 741	1998	1999. 06 ~ 2001. 04	VKMA 06107
	MEGANE I Classic (LA0/1_) - 2.0 i (LA0G) TP	F3R 791 / F3R 796 / F3R 797 / F3R 798	1998	1999. 03 ~ 2003. 08	VKMA 06123
	MEGANE I Coach (DA0/1_) - 1.9 dTi (DA0N)	F9Q 731	1870	1997. 03 ~ 2001. 02	VKMA 06117
	MEGANE I Grandtour (KA0/1_) - 1.9 dTi (KA0N)	F9Q 731 / F9Q 744	1870	1999. 03 ~ 2001. 02	VKMA 06117
	MEGANE I Grandtour (KA0/1_) - 1.9 dTi (KA1U)	F9Q 731 / F9Q 744	1870	2001. 02 ~ 2003. 08	VKMA 06117
	MEGANE II (BM0/1_, CM0/1_) - 1.4 16V (BM0B, CM0B)	K4J 730 / K4J 740	1390	2002. 11 ~	VKMA 06020
	MEGANE II (BM0/1_, CM0/1_) - 1.6 16V (BM0C, CM0C)	K4M 760 / K4M 761 / K4M 812 / K4M 813	1598	2002. 11 ~	VKMA 06021
	MEGANE III Hatchback (BZ0_) - 1.6 16V (BZ0H)	K4M 848	1598	2008. 11 ~	VKMA 06020
	MEGANE III Hatchback (BZ0_) - 1.6 16V (BZ1B, BZ1H)	K4M 858 / K4M 866	1598	2008. 11 ~	VKMA 06021
	MEGANE Scenic (JA0/1_) - 1.9 D (JA0J)	F8Q 788 / F8Q 790	1870	1997. 03 ~ 1999. 09	VKMA 06124
	MEGANE Scenic (JA0/1_) - 1.9 dT (JA0K, JA0Y)	F8Q 786	1870	1997. 01 ~ 1999. 09	VKMA 06124
	MEGANE Scenic (JA0/1_) - 1.9 dTi (JA0N) TP	F9Q 734	1870	1997. 04 ~ 1999. 09	VKMA 06125
	MEGANE Scenic (JA0/1_) - 2.0 i (JA0G)	F3R 750 / F3R 751	1998	1997. 01 ~ 1999. 09	VKMA 06103
	MEGANE Scenic (JA0/1_) - 2.0 i (JA0G) TP	F3R 791 / F3R 796 / F3R 797 / F3R 798	1998	1999. 01 ~ 1999. 09	VKMA 06123
	MODUS / GRAND MODUS (F/JP0_) - 1.4 (JP01, JP0J)	K4J 770 / K4J 780	1390	2004. 12 ~	VKMA 06020
	MODUS / GRAND MODUS (F/JP0_) - 1.6 (JP0L, JP0V)	K4M 790 / K4M 791 / K4M 794 / K4M 800 / K4M 801	1598	2004. 12 ~	VKMA 06021
	RAPID Box (F40_, G40_) - 1.4 (F40U, F40V)	E7J 720 / E7J 724 / E7J 726 / E7J 773	1390	1991. 09 ~ 1998. 03	VKMA 06000
	SAFRANE I (B54_) - 2.1 dT (B546)	J8S 760	2068	1993. 11 ~ 1996. 07	VKMA 06212
	SCÉNIC I (JA0/1_) - 1.4 16V (JA0D, JA1H, Ja0W, JA10)	K4J 714 / K4J 750	1390	1999. 09 ~ 2003. 08	VKMA 06020
	SCÉNIC I (JA0/1_) - 1.6 16V	K4M 706	1598	1999. 09 ~ 2003. 08	VKMA 06020
	SCÉNIC I (JA0/1_) - 1.8 16V (JA12, JA1R, JA1M, JA1A)	F4P 720 / F4P 722	1783	2001. 01 ~ 2003. 08	VKMA 06107
	SCÉNIC I (JA0/1_) - 1.9 dTi (JA0N)	F9Q 731 / F9Q 736	1870	2000. 10 ~ 2001. 06	VKMA 06117
	SCÉNIC I (JA0/1_) - 1.9 dTi (JA1U)	F9Q 744	1870	2001. 02 ~ 2003. 08	VKMA 06117
	SCÉNIC I (JA0/1_) - 2.0 16V	F4R 740 / F4R 741 / F4R 744	1998	1999. 09 ~ 2003. 08	VKMA 06107
	SCÉNIC II (JM0/1_) - 1.4 (JM0B, JM0H, JM1A)	K4J 730 / K4J 740	1390	2003. 06 ~	VKMA 06020
	SCÉNIC II (JM0/1_) - 1.6	K4M 764 / K4M 788	1598	2006. 06 ~	VKMA 06020
	SCÉNIC II (JM0/1_) - 1.6 (JM0C, JM0J, JM1B)	K4M 761 / K4M 766 / K4M 782	1598	2003. 06 ~	VKMA 06021
SCÉNIC II (JM0/1_) - 1.6 16V (JM1R)	K4M 812 / K4M 813	1598	2007. 01 ~	VKMA 06021	
SCÉNIC III (JZ0/1_) - 1.6 16V (JZ0U)	K4M 858 / K4M 866	1598	2009. 02 ~	VKMA 06021	
SPORT SPIDER (EF0_) - 2.0 16V	F7R 720	1998	1995. 03 ~ 1999. 10	VKMA 06122	
SUPER 5 (B/C40_) - 1.6 D (B/C/404) (C093597)	F8M 730	1596	1985. 08 ~ 1996. 12	VKMA 06111	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
77 00 736 419								77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77007-35486	GT60110	77 00 875 305			
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 108 920	GTB0250					GTA0280	ATB2285	77001-07150	GT30510		
77 00 726 440	GT60100							77007-35486	GT60110				
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 108 117	GTB0160					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
77 00 726 440	GT60100							77007-35486	GT60110	77001-07249	GT50540		
77 00 726 440	GT60100							77007-35486	GT60110	77001-07249	GT50540		
77 00 726 440	GT60100							77 00 100 671		77001-07249	GT50540		
77 00 726 440	GT60100							77007-35486	GT60110	77 00 875 305			
77 00 726 440	GT60100							77007-35486	GT60110				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
77007-36085	GT90180												
77007-22452	GT80270							77 00 853 550					
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 108 920	GTB0250					GTA0280	ATB2285	77001-07150	GT30510		
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 115 862						77001-16054	GT50620				
		82 00 079 341											
		77 00 108 920	GTB0250					GTA0280	ATB2285	77001-07150	GT30510		
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
		82 00 191 324	GTB0180					77001-07150	GT30510				
77 00 736 419								77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77007-35486	GT60110				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	SUPER 5 (B/C40_) - 1.6 D (B/C/404) (C216376)	F8M 720	1596	1985.08 ~ 1996.12	VKMA 06111
	SUPER 5 (B/C40_) - 1.7 (B/C408)	F3N 716 / F3N 717	1721	1986.10 ~ 1995.03	VKMA 06101
	SUPER 5 (B/C40_) - 1.7 (B/C40K, B/C40G)	F2N 740 / F2N 742	1721	1987.06 ~ 1995.03	VKMA 06101
	SUPER 5 (B/C40_) - 1.7 i (C409)	F3N 702	1721	1986.10 ~ 1991.08	VKMA 06101
	THALIA I (LB0/1/2_) - 1.4 16V	K4J 712 / K4J 713	1390	2000.08 ~	VKMA 06020
	THALIA I (LB0/1/2_) - 1.6 16V	K4M 732 / K4M 734 / K4M 736 / K4M 740 / K4M 742 / K4M 743	1598	2002.04 ~	VKMA 06020
	THALIA I (LB0/1/2_) - 1.9 D TP	F8Q 630	1870	1998.02 ~ 2001.05	VKMA 06126
	TRAFIC Box (T1, T3, T4) - 1.7	F1N 724	1721	1986.06 ~ 1989.04	VKMA 06101
	TRAFIC Box (TXX) - 1.7	F1N 720	1721	1992.08 ~ 1994.08	VKMA 06101
	TRAFIC Box (TXX) - 1.9 D	F8Q 600 / F8Q 606	1870	1997.06 ~ 2001.03	VKMA 06114
	TRAFIC Box (TXX) - 2.5 D	S8U 750 / S8U 752	2499	1989.05 ~ 1990.09	VKMA 02381
	TRAFIC Box (TXX) - 2.5 D	S8U 750 / S8U 752 / S8U 758	2499	1990.09 ~ 2001.03	VKMA 02383
	TRAFIC Box (TXX) - 2.5 D	S8U 750 / S8U 752	2499	1989.03 ~ 1990.09	VKMA 02381
	TRAFIC Box (TXX) - 2.5 D	S8U 750 / S8U 752 / S8U 758	2499	1990.09 ~ 1994.08	VKMA 02383
	TRAFIC Box (TXX) - 2.5 D 4x4	S8U 750 / S8U 752	2499	1989.05 ~ 1990.09	VKMA 02381
	TRAFIC Box (TXX) - 2.5 D 4x4	S8U 750 / S8U 752	2499	1990.09 ~ 2001.03	VKMA 02383
	TRAFIC Bus (T5, T6, T7) - 1.7	F1N 724	1721	1986.06 ~ 1989.04	VKMA 06101
	TRAFIC Bus (T5, T6, T7) - 2.5 D	S8U 750 / S8U 752	2499	1989.03 ~ 1990.09	VKMA 02381
	TRAFIC Bus (T5, T6, T7) - 2.5 D	S8U 750 / S8U 752 / S8U 758	2499	1990.09 ~ 1994.08	VKMA 02383
	TRAFIC Bus (TXW) - 2.5 D	S8U 750 / S8U 752	2499	1989.05 ~ 1990.09	VKMA 02381
	TRAFIC Bus (TXW) - 2.5 D	S8U 750 / S8U 752 / S8U 758	2499	1990.09 ~ 2001.03	VKMA 02383
	TRAFIC Bus (TXW) - 2.5 D 4x4	S8U 750 / S8U 752	2499	1989.08 ~ 1990.09	VKMA 02381
	TRAFIC Bus (TXW) - 2.5 D 4x4	S8U 750 / S8U 752 / S8U 758	2499	1990.09 ~ 2001.03	VKMA 02383
	TRAFIC II Box (FL) - 2.0 (FLOA)	F4R 720	1998	2001.03 ~ 2001.04	
	TRAFIC II Box (FL) - 2.5 dCi 135 (FLOD)	G9U 730	2464	2003.05 ~	VKMA 06503
	TRAFIC II Box (FL) - 2.5 dCi 145 (FLOJ)	G9U 630	2464	2006.08 ~	VKMA 06503
	TRAFIC II Box (FL) - 2.5 Dti	G9U 730	2463	2003.03 ~ 2003.07	VKMA 06503
	TRAFIC II Bus (JL) - 2.0 (JLOA)	F4R 720	1998	2001.03 ~ 2001.04	
	TRAFIC II Bus (JL) - 2.5 dCi 115	G9U 630	2464	2008.02 ~	VKMA 06503
	TRAFIC II Bus (JL) - 2.5 dCi 135 (JLOD)	G9U 730	2464	2003.05 ~	VKMA 06503
	TRAFIC II Bus (JL) - 2.5 dCi 145 (JLOJ)	G9U 630	2464	2006.08 ~	VKMA 06503
	TRAFIC II Bus (JL) - 2.5 Dti	G9U 730	2463	2003.03 ~ 2003.07	VKMA 06503
	TRAFIC II Platform/Chassis (EL) - 2.0 (ELOA)	F4R 720	1998	2001.03 ~ 2001.04	
	TRAFIC II Platform/Chassis (EL) - 2.5 dCi	G9U 630	2463	2007.08 ~	VKMA 06503
	TRAFIC II Platform/Chassis (EL) - 2.5 dCi 135 (ELOD)	G9U 730	2463	2001.03 ~	VKMA 06503
	TRAFIC II Platform/Chassis (EL) - 2.5 dCi 145 (ELOJ)	G9U 630	2464	2006.08 ~	VKMA 06503
	TRAFIC Platform/Chassis (P6) - 1.7	F1N 722	1721	1986.06 ~ 1989.04	VKMA 06101



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
77 00 726 440	GT60100							77007-35486	GT60110				
77 00 726 440	GT60100							77007-35486	GT60110				
77 00 726 440	GT60100							77007-35486	GT60110				
77 00 726 440	GT60100							77007-35486	GT60110				
		77 00 108 117	GTB0160					77001-07150	GT30510				
		77 00 108 117	GTB0160					77001-07150	GT30510				
77 00 726 440	GT60100							77007-33489	GT60490	77001-07249	GT50540		
77 00 726 440	GT60100							77007-35486	GT60110				
77 00 726 440	GT60100							77007-35486	GT60110				
77 00 726 440	GT60100							77007-35486	GT60110				
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
77 00 726 440	GT60100							77007-35486	GT60110				
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77 01 040 204	GT60520	50 01 001 272	GT60530		
								77001-07150	GT30510				
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194						77001-07150	GT30510				
		82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194						77001-07150	GT30510				
		82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194						82 00 004 593	GT30520				
		82 00 127 467						82 00 004 593	GT30520				
77 00 726 440	GT60100							77007-35486	GT60110				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	TWINGO I (C06_) - 1.2 (C066, C068)	D7F 700 / D7F 701 / D7F 702 / D7F 703 / D7F 704	1149	1996. 05 ~	VKMA 06010
	TWINGO I (C06_) - 1.2 (C067)	D7F 700 / D7F 701	1149	1996. 05 ~	VKMA 06010
	TWINGO I (C06_) - 1.2 LPG	D7F 702 / D7F 708	1149	2003. 10 ~	VKMA 06010
	TWINGO II (CN0_) - 1.2 (CN0D)	D7F 800	1149	2007. 03 ~	VKMA 06010
	TWINGO II (CN0_) - 1.6 RS (CN0N, CN0R, CN0S)	K4M 854	1598	2008. 05 ~	VKMA 06023
	VEL SATIS (BJ0_) - 2.2 dCi	G9T 600 / G9T 606 / G9T 607 / G9T 702 / G9T 703	2188	2004. 12 ~	VKMA 06503
	VEL SATIS (BJ0_) - 2.2 dCi (BJ0E, BJ0F)	G9T 600 / G9T 606 / G9T 607 / G9T 702 / G9T 703	2188	2002. 06 ~	VKMA 06503
	VEL SATIS (BJ0_) - 2.2 dCi (BJ0E, BJ0F, BJ0G, BJ0H)	G9T 600 / G9T 606 / G9T 607 / G9T 702 / G9T 703	2188	2004. 09 ~	VKMA 06503
	VEL SATIS (BJ0_) - 2.2 dCi (BJ0H)	G9T 600 / G9T 606 / G9T 607 / G9T 702 / G9T 703	2188	2004. 04 ~	VKMA 06503
	CAPTUR - 1.5 dCi 90	K9K 830 / K9K 838	1461	2013. 06 ~	VKMA 06134
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.5 dCi	K9K 704	1461	2001. 06 ~ 2004. 04	VKMA 06134
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.5 dCi (B/CB3M)	K9K 740	1461	2001. 06 ~ 2004. 04	VKMA 06134
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.5 dCi (B/CB07)	K9K 700 / K9K 704	1461	2001. 06 ~ 2004. 04	VKMA 06134
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.5 dCi (B/C2J)	K9K 714	1461	2004. 08 ~	VKMA 06134
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.5 dCi (B/CB03)	K9K 702	1461	2001. 06 ~ 2003. 10	VKMA 06134
	CLIO II Box (SB0/1/2_) - 1.5 dCi (SB07)	K9K 700 / K9K 702 / K9K 704 / K9K 710 / K9K 714 / K9K 716 / K9K 740	1461	2001. 06 ~ 2004. 04	VKMA 06134
	CLIO II Box (SB0/1/2_) - 1.5 dCi	K9K 714	1461	2004. 04 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi	K9K 752	1461	2005. 06 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi	K9K 752	1461	2005. 05 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi (C/BR1G)	K9K 714 / K9K 768	1461	2005. 06 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi	K9K 770	1461	2010. 08 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi	K9K 750	1461	2007. 11 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi (BR17, CR17)	K9K 766	1461	2005. 06 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi (BR1C, CR1C)	K9K 772	1461	2005. 06 ~	VKMA 06134
	CLIO III (BR0/1, CR0/1) - 1.5 dCi (BR0H, CR0H)	K9K 764	1461	2005. 06 ~	VKMA 06134
	CLIO Grandtour (KR0/1_) - 1.5 dCi	K9K 752	1461	2010. 02 ~	VKMA 06134
	CLIO Grandtour (KR0/1_) - 1.5 dCi (KR0G)	K9K 714 / K9K 768	1461	2008. 08 ~	VKMA 06134
	LIO Grandtour (KR0/1_) - 1.5 dCi	K9K 770	1461	2010. 08 ~	VKMA 06134
	CLIO Grandtour (KR0/1_) - 1.5 dCi (KR0F)	K9K 766	1461	2008. 02 ~	VKMA 06134
	CLIO Grandtour (KR0/1_) - 1.5 dCi (KR1C, KR1N)	K9K 772	1461	2008. 02 ~	VKMA 06134
	CLIO Grandtour (KR0/1_) - 1.5 dCi (KR0H)	K9K 764	1461	2008. 02 ~	VKMA 06134
	CLIO IV - 1.5 dCi 75	K9K 830 / K9K 838	1461	2012. 11 ~	VKMA 06134
	CLIO IV - 1.5 dCi 90	K9K 830 / K9K 838	1461	2012. 11 ~	VKMA 06134
CLIO Grandtour IV - 1.5 dCi 75	K9K 830 / K9K 838	1461	2013. 01 ~	VKMA 06134	
CLIO Grandtour IV - 1.5 dCi 90	K9K 830 / K9K 838	1461	2013. 01 ~	VKMA 06134	
DUSTER - 1.5 dCi	K9K 796 / K9K 830	1461	2009. 06 ~	VKMA 06134	
FLUENCE (L30_) - 1.5 dCi (L30A)	K9K 830 / K9K 838 / K9K 842	1461	2010. 02 ~	VKMA 06134	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
77007-36085	GT90180												
77007-36085	GT90180												
77007-36085	GT90180												
77007-36085	GT90180												
		82 00 191 324	GTB0180					77001-07150	GT30510				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				
		82 00 009 194 82 00 127 467						82 00 004 593	GT30520				
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										

PART 2 Application Guide by OE Manufacturers

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	FLUENCE (L30_) - 1.5 dCi (L30S)	K9K 834	1461	2010. 02 ~	VKMA 06134
	FLUENCE (L30_) - 1.5 dCi (L30B)	K9K 832	1461	2005. 06 ~	VKMA 06134
	FLUENCE (L30_) - 1.5 dCi (L30D, L30L)	K9K 836 / K9K 837	1461	2010. 02 ~	VKMA 06134
	KANGOO (KC0/1_) - 1.5 dCi	K9K 704	1461	2003. 07 ~ 2004. 04	VKMA 06134
	KANGOO (KC0/1_) - 1.5 dCi (KC07)	K9K 700 / K9K 704	1461	2001. 12 ~ 2004. 04	VKMA 06134
	KANGOO (KC0/1_) - 1.5 dCi	K9K 714	1461	2005. 06 ~	VKMA 06134
	KANGOO (KC0/1_) - 1.5 dCi (KC08, KC09)	K9K 702 / K9K 710	1461	2002. 07 ~ 2004. 04	VKMA 06134
	KANGOO (KC0/1_) - 1.5 dCi	K9K 718	1461	2005. 06 ~	VKMA 06134
	KANGOO Express (FC0/1_) - 1.5 dCi (FC1R)	K9K 704	1461	2002. 12 ~ 2004. 04	VKMA 06134
	KANGOO Express (FC0/1_) - 1.5 dCi	K9K 704	1461	2005. 10 ~	VKMA 06134
	KANGOO Express (FC0/1_) - 1.5 dCi (FC07, FC1R)	K9K 700 / K9K 704	1461	2001. 12 ~ 2004. 04	VKMA 06134
	KANGOO Express (FC0/1_) - 1.5 dCi (FC1E)	K9K 714	1461	2005. 06 ~	VKMA 06134
	KANGOO Express (FC0/1_) - 1.5 dCi (FC08, FC09)	K9K 702 / K9K 710	1461	2003. 04 ~ 2004. 04	VKMA 06134
	KANGOO Express (FC0/1_) - 1.5 dCi (FC1G)	K9K 716 / K9K 718	1461	2005. 06 ~	VKMA 06134
	KANGOO / GRAND KANGOO (KW0/1_) - 1.5 dCi (KW0A)	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2008. 02 ~	VKMA 06134
	KANGOO / GRAND KANGOO (KW0/1_) - 1.5 dCi	K9K 802	1461	2012. 11 ~	VKMA 06134
	KANGOO / GRAND KANGOO (KW0/1_) - 1.5 dCi (KW0B)	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2008. 02 ~	VKMA 06134
	KANGOO / GRAND KANGOO (KW0/1_) - 1.5 dCi (KW0C, KW0F)	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2008. 02 ~	VKMA 06134
	KANGOO / GRAND KANGOO (KW0/1_) - 1.5 dCi 110	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2010. 09 ~	VKMA 06134
	KANGOO Express (FW0/1_) - 1.5 dCi	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2008. 02 ~	VKMA 06134
	KANGOO Express (FW0/1_) - 1.5 dCi 75	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2010. 09 ~	VKMA 06134
	KANGOO Express (FW0/1_) - 1.5 dCi 85 (FW0A, FW0B)	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2008. 02 ~	VKMA 06134
	KANGOO Express (FW0/1_) - 1.5 dCi (FW0F)	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2008. 02 ~	VKMA 06134
	KANGOO Express (FW0/1_) - 1.5 dCi 110	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2010. 09 ~	VKMA 06134
	KANGOO BE BOP (KW0/1_) - 1.5 dCi 75	K9K 802	1461	2010. 09 ~	VKMA 06134
	KANGOO BE BOP (KW0/1_) - 1.5 dCi (KW0G)	K9K 808	1461	2009. 06 ~	VKMA 06134
	KANGOO BE BOP (KW0/1_) - 1.5 dCi (KW0F)	K9K 800 / K9K 802 / K9K 804 / K9K 806 / K9K 808 / K9K 812	1461	2009. 02 ~	VKMA 06134
	KANGOO BE BOP (KW0/1_) - 1.5 dCi	K9K 804	1461	2009. 06 ~	VKMA 06134
	LAGUNA III (BT0/1) - 1.5 dCi (BT00, BT0A, BT0T, BT1J)	K9K 780	1461	2007. 10 ~	VKMA 06134
	LAGUNA III (BT0/1) - 1.5 dCi (BT00, BT0A, BT0T, BT1J)	K9K 782	1461	2007. 10 ~	VKMA 06134
	LAGUNA Coupe (DT0/1) - 1.5 dCi	K9K 846	1461	2012. 03 ~	VKMA 06134
	LATITUDE (L70_) - 1.5 dCi (L70R)	K9K 782	1461	2010. 07 ~	VKMA 06134
	LOGAN (LS_) - 1.5 dCi	K9K 790 / K9K 792 / K9K 794 / K9K 796	1461	2007. 04 ~	VKMA 06134
LOGAN (LS_) - 1.5 dCi	K9K 792 / K9K 794 / K9K 796	1461	2008. 02 ~	VKMA 06134	
LOGAN Estate (KS_) - 1.5 dCi	K9K 790 / K9K 792 / K9K 794 / K9K 796	1461	2007. 04 ~	VKMA 06134	
LOGAN Estate (KS_) - 1.5 dCi	K9K 792 / K9K 794 / K9K 796	1461	2008. 02 ~	VKMA 06134	
LOGAN EXPRESS - 1.5 dCi	K9K 790 / K9K 792 / K9K 794 / K9K 796	1461	2007. 04 ~	VKMA 06134	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										
		82 00 102 941	GTB0100										

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	MEGANE II (BM0/1_, CM0/1_) - 1.5 dCi (BM0F, CM0F)	K9K 722	1461	2002. 11 ~ 2004. 04	VKMA 06134
	MEGANE II (BM0/1_, CM0/1_) - 1.5 dCi	K9K 724	1461	2005. 05 ~	VKMA 06134
	MEGANE II (BM0/1_, CM0/1_) - 1.5 dCi	K9K 728 / K9K 729	1461	2003. 10 ~ 2004. 04	VKMA 06134
	MEGANE II (BM0/1_, CM0/1_) - 1.5 dCi	K9K 728 / K9K 729	1461	2007. 01 ~	VKMA 06134
	MEGANE II (BM0/1_, CM0/1_) - 1.5 dCi	K9K 732 / K9K 734	1461	2005. 05 ~	VKMA 06134
	MEGANE II Saloon (LM0/1_) - 1.5 dCi	K9K 722	1461	2003. 09 ~ 2004. 04	VKMA 06134
	MEGANE II Saloon (LM0/1_) - 1.5 dCi	K9K 724	1461	2005. 05 ~	VKMA 06134
	MEGANE II Estate (KM0/1_) - 1.5 dCi	K9K 722	1461	2003. 08 ~ 2004. 04	VKMA 06134
	MEGANE II Estate (KM0/1_) - 1.5 dCi	K9K 724	1461	2005. 05 ~	VKMA 06134
	MEGANE II Estate (KM0/1_) - 1.5 dCi	K9K 728 / K9K 729	1461	2004. 02 ~ 2004. 04	VKMA 06134
	MEGANE II Coupé-Cabriolet (EM0/1_) - 1.5 dCi (EM16)	K9K 728 / K9K 729	1461	2007. 01 ~	VKMA 06134
	MEGANE III Hatchback (BZ0_) - 1.5 dCi	K9K 830	1461	2009. 12 ~	VKMA 06134
	MEGANE III Hatchback (BZ0_) - 1.5 dCi (BZ0C)	K9K 834	1461	2008. 11 ~	VKMA 06134
	MEGANE III Grandtour (KZ0/1) - 1.5 dCi (KZ0C, KZ1A)	K9K 834	1461	2009. 05 ~	VKMA 06134
	MEGANE III Grandtour (KZ0/1) - 1.5 dCi (KZ1M, KZ1W)	K9K 832	1461	2009. 02 ~	VKMA 06134
	MEGANE III Grandtour (KZ0/1) - 1.5 dCi (KZ09, KZ0D, KZ1G, KZ1M, KZ1W)	K9K 836 / K9K 836 / K9K 837 / K9K 846	1461	2002. 09 ~	VKMA 06134
	MEGANE III Coupe (DZ0/1_) - 1.5 dCi (DZ0A)	K9K 830	1461	2008. 11 ~	VKMA 06134
	MEGANE III Coupe (DZ0/1_) - 1.5 dCi (DZ0C, DZ1A)	K9K 834	1461	2008. 11 ~	VKMA 06134
	MEGANE III Coupe (DZ0/1_) - 1.5 dCi (DZ0B)	K9K 832	1461	2009. 02 ~	VKMA 06134
	MEGANE CC (EZ0/1_) - 1.5 dCi (EZ09, EZ1G, EZ0D)	K9K 836 / K9K 837	1461	2010. 06 ~	VKMA 06134
	MODUS / GRAND MODUS (F/JPO_) - 1.5 dCi (FPOD, JPOD)	K9K 750	1461	2004. 09 ~	VKMA 06134
	SCÉNIC II (JM0/1_) - 1.5 dCi (JM0F)	K9K 722	1461	2003. 06 ~ 2004. 04	VKMA 06134
	SCÉNIC II (JM0/1_) - 1.5 dCi (JM1F)	K9K 724	1461	2005. 05 ~	VKMA 06134
	SCÉNIC II (JM0/1_) - 1.5 dCi (JM02, JM13)	K9K 728	1461	2003. 11 ~ 2004. 04	VKMA 06134
	SCÉNIC II (JM0/1_) - 1.5 dCi (JM16)	K9K 734	1461	2007. 01 ~	VKMA 06134
	SCÉNIC II (JM0/1_) - 1.5 dCi (JM1E)	K9K 732	1461	2005. 05 ~	VKMA 06134
	CLIO Grandtour (KR0/1_) - 1.6 16V (KR10)	K4M 862	1598	2008. 11 ~	VKMA 06023
	AVANTIME (DE0_) - 2.0 16V Turbo (DE0U, DE0V)	F4R 760 / F4R 761	1998	2001. 11 ~ 2003. 05	VKMA 06106
	CLIO II (BB0/1/2_, CB0/1/2_) - 2.0 16V Sport (CB0M)	F4R 730	1998	2000. 02 ~ 2001. 04	VKMA 06108
	CLIO II (BB0/1/2_, CB0/1/2_) - 2.0 16V Sport	F4R 732 / F4R 736 / F4R 738	1998	2004. 01 ~	VKMA 06108
	CLIO III (BR0/1, CR0/1) - 2.0 16V Sport	F4R 830	1998	2006. 02 ~	VKMA 06106
	CLIO III (BR0/1, CR0/1) - 2.0 16V Sport	F4R 832	1998	2008. 09 ~	VKMA 06106
DUSTER - 2.0	F4R 400 / F4R 401 / F4R 402 / F4R 403 / F4R 404 / F4R 405 / F4R 408	1998	2012. 02 ~	VKMA 06109	
ESPACE III (JE0_) - 2.0 16V (JE0N, JE0L, JE02)	F4R 700 / F4R 701	1998	1998. 10 ~ 1999. 05	VKMA 06109	
ESPACE IV (JK0/1_) - 2.0 (JK0K)	F4R 790	1998	2002. 11 ~ 2005. 02	VKMA 06106	
ESPACE IV (JK0/1_) - 2.0 (JK09)	F4R 790 / F4R 792	1998	2002. 11 ~	VKMA 06106	
ESPACE IV (JK0/1_) - 2.0 Turbo (JK0B, JK0N)	F4R 794 / F4R 795 / F4R 796 / F4R 797	1998	2002. 11 ~	VKMA 06106	



# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
RENAULT	ESPACE IV (JK0/1_) - 2.0 (JK0N, JK1D)	F4R 896 / F4R 897	1998	2005. 04 ~	VKMA 06106
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.0	D4D 700 / D4D 706 / D4D 752	998	2000. 02 ~ 2001. 05	VKMA 06002
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.0	D4D 700 / D4D 706 / D4D 752	999	2001. 06 ~ 2005. 04	VKMA 06002
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.2 16V	D4F 706 / D4F 712 / D4F 722 / D4F 728	1149	2006. 06 ~	VKMA 06002
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.2	D4F 706 / D4F 712 / D4F 722 / D4F 728	1149	2001. 06 ~ 2003. 10	VKMA 06002
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.2 16V (BB05, BB0W, BB11, BB27, BB2T, BB2U, BB2V, CB05...)	D4F 706 / D4F 712 / D4F 722 / D4F 728	1149	2001. 06 ~	VKMA 06002
	CLIO III (BR0/1, CR0/1) - 1.2 16V (BR0R, BR1D, BR1L, CR0R)	D4F 740	1149	2005. 06 ~	VKMA 06002
	CLIO III (BR0/1, CR0/1) - 1.2 16V (BR02, BR0J, BR11, CR02, CR0J, CR11)	D4F 740 / D4F 742	1149	2005. 06 ~	VKMA 06002
	CLIO III (BR0/1, CR0/1) - 1.2 16V Hi-Flex (BR1U, CR1U)	D4F 742	1149	2008. 07 ~	VKMA 06002
	CLIO III (BR0/1, CR0/1) - 1.2 16V	D4F 764	1149	2005. 06 ~	VKMA 06002
	CLIO Grandtour (KR0/1_) - 1.2 16V (KR0E)	D4F 764	1149	2008. 02 ~	VKMA 06002
	CLIO Grandtour (KR0/1_) - 1.2 16V (KR0P)	D4F 784	1149	2008. 02 ~	VKMA 06002
	CLIO IV - 1.2 16V	D4F 740	1149	2012. 11 ~	VKMA 06002
	CLIO Grandtour IV - 1.2 16V	D4F 740	1149	2013. 01 ~	VKMA 06002
	KANGOO (KC0/1_) - 1.2 16V (KC03, KC05, KC06, KC0T, KC0W)	D4D 700 / D4D 720 / D4F 712	1149	2001. 06 ~	VKMA 06002
	KANGOO Express (FC0/1_) - 1.0	D4D 700 / D4D 720	998	2003. 07 ~	VKMA 06002
	KANGOO Express (FC0/1_) - 1.2 16V (FC05)	D4F 712 / D4F 730	1149	2001. 10 ~	VKMA 06002
	THALIA I (LB0/1/2_) - 1.2 16V	D4F 706 / D4F 712 / D4F 722 / D4F 728	1149	2002. 04 ~	VKMA 06002
	THALIA II (LU1/2_) - 1.2 16V (LU2V)	D4F 728	1149	2008. 09 ~	VKMA 06002
	TWINGO I (C06_) - 1.2 16V (C060)	D4F 708	1149	2004. 08 ~	VKMA 06002
	TWINGO I (C06_) - 1.2 16V (C06C, C06D, C06K)	D4F 702	1149	2001. 01 ~	VKMA 06002
	TWINGO II (CN0_) - 1.2 16V (CN04, CN0A, CN0B)	D4F 770	1149	2007. 03 ~	VKMA 06002
	TWINGO II (CN0_) - 1.2 16V (CN0K, CN0V)	D4F 772	1149	2007. 03 ~	VKMA 06002
	TWINGO II (CN0_) - 1.2 Turbo (CN0C, CN0F)	D4F 780 / D4F 782	1149	2007. 03 ~	VKMA 06002
	TWINGO II (CN0_) - 1.2 TCe 100 (CN0P)	D4F 780 / D4F 782	1149	2011. 02 ~	VKMA 06002
	WIND (E4M_) - 1.2 (E4MF)	D4F 782	1149	2010. 07 ~	VKMA 06002
	WIND (E4M_) - 1.2 TCe 100 (E4MA)	D4F 780	1149	2011. 02 ~	VKMA 06002
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.4 (B/CB0C)	E7J 780	1390	1998. 09 ~ 2005. 05	
	CLIO II (BB0/1/2_, CB0/1/2_) - 1.6 (B/CB0D)	K7M 744 / K7M 745	1598	1998. 09 ~ 2005. 05	
	KANGOO (KC0/1_) - 1.4 (KC0C, KC0H, KC0B, KC0M)	E7J 780	1390	1997. 08 ~	
	KANGOO Express (FC0/1_) - 1.4 (FC0C, FC0B, FC0H, FC0M)	E7J 780	1390	1997. 08 ~	
	A4 (8D2, B5) - 1.6	ADP / AHL / ANA / ARM	1595	1994. 11 ~ 2000. 10	
A4 (8D2, B5) - 1.6	ALZ	1595	2000. 07 ~ 2000. 11		
A4 (8D2, B5) - 1.8		1781	1995. 04 ~ 2000. 11		
A4 (8D2, B5) - 1.8 quattro		1781	1995. 07 ~ 2000. 11		
A4 (8D2, B5) - 1.8 T	AEB / ANB / APU / ARK / AWT	1781	1995. 01 ~ 2000. 11		
A4 (8D2, B5) - 1.8 T quattro	AEB / ANB / APU / ARK / AWT	1781	1995. 01 ~ 2000. 11		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		77 00 108 920	GTB0250					82 00 064 664					
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
		13 07 015 64R	GTB0320										
7700870495	GTA0340												
7700870495	GTA0340												
7700870495	GTA0340												
7700870495	GTA0340												
058903133C	GTA0350												
058903133C	GTA0350												
058903133C	GTA0350												
058903133C	GTA0350												
058903133C	GTA0350												
058903133C	GTA0350												
058903133C	GTA0350												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
ROOVER	200 Coupe (XW) - 216 DOHC	D 16 A8	1590	1992. 10 ~ 1999. 06	VKMA 93002
	200 Hatchback (XW) - 216 GSI DOHC	D 16 Z2	1590	1989. 10 ~ 1995. 10	VKMA 93002
	200 Hatchback (XW) - 216 GSI DOHC	D 16 A7	1590	1989. 10 ~ 1995. 10	VKMA 93002
	200 Hatchback (XW) - 216 GSI SOHC	D 16 Z2	1590	1989. 10 ~ 1995. 10	VKMA 93001
	200 Hatchback (XW) - 216 GSI SOHC	D 16 A7	1590	1989. 10 ~ 1995. 10	VKMA 93001
	200 Hatchback (XW) - 216 GTI DOHC	D 16 A8	1590	1990. 09 ~ 1995. 10	VKMA 93002
	200 Hatchback (XW) - 216 GTI DOHC	D 16 A9	1590	1990. 09 ~ 1995. 10	VKMA 93002
	200 Hatchback (XW) - 216 GTI SOHC	D 16 A9	1590	1990. 09 ~ 1995. 10	VKMA 93001
	400 (XW) - 416 GSI DOHC	D 16 Z2	1590	1990. 04 ~ 1995. 04	VKMA 93002
	400 (XW) - 416 GSI SOHC	D 16 Z2	1590	1990. 04 ~ 1995. 04	VKMA 93001
	400 (XW) - 416 GSI/GSE DOHC	D 16 A8	1590	1990. 04 ~ 1995. 04	VKMA 93002
	400 (XW) - 416 GSI/GSE SOHC	D 16 A8	1590	1990. 04 ~ 1995. 04	VKMA 93001
	400 (XW) - 416 GTI DOHC	D 16 A8	1590	1990. 04 ~ 1995. 04	VKMA 93002
	400 (XW) - 416 GTI/GTE DOHC	D 16 A9	1590	1990. 04 ~ 1995. 04	VKMA 93002
	400 (XW) - 416 GTI/GTE SOHC	D 16 A9	1590	1990. 04 ~ 1995. 04	VKMA 93001
	400 Tourer (XW) - 1.6 I DOHC	D 16 A8	1590	1994. 05 ~ 1995. 12	VKMA 93002
	400 Tourer (XW) - 1.6 I SOHC	D 16 A8	1590	1994. 05 ~ 1995. 12	VKMA 93001
	CABRIOLET (XW) - 216 1.6i	D 16 A8	1590	1992. 01 ~ 1996. 07	VKMA 93002
ROVER	100 / METRO (XP) - 1.4 GSI	14 K4F	1396	1994. 10 ~ 1995. 10	VKMA 07310
	100 / METRO (XP) - 1.4 GTI/GT 16V CAT	14 K4C / 14 K4D	1396	1990. 03 ~ 1998. 12	VKMA 07310
	100 Convertible (XP) - 1.4	14 K4F	1396	1997. 03 ~ 1998. 10	VKMA 07310
	200 (RF) - 1.4 Si	14 K4F	1396	1995. 11 ~ 2000. 03	VKMA 07310
	200 (RF) - 1.6 Si	16 K4F	1588	1995. 11 ~ 2000. 03	VKMA 07310
	200 (RF) - 1.8 K Vi	18 K4K	1796	1995. 11 ~ 2000. 03	VKMA 07306
	200 (XH) - 213 S	EV 2	1342	1985. 09 ~ 1989. 09	VKM 73101
	200 Hatchback (XW) - 218 D	XUD9	1905	1994. 01 ~ 1995. 10	VKMA 03241
	200 Hatchback (XW) - 218 D	XUD9	1905	1991. 09 ~ 1993. 12	VKMA 03240
	200 Hatchback (XW) - 218 TD	XUD 7TE	1769	1994. 01 ~ 1995. 10	VKMA 03241
	200 Hatchback (XW) - 218 TD	XUD 7TE	1769	1991. 09 ~ 1993. 12	VKMA 03240
	25 (RF) - 1.4 16V	14 K4M	1396	1999. 10 ~ 2005. 05	VKMA 07310
	25 (RF) - 1.4 16V	14 K4F	1396	1999. 10 ~ 2005. 05	VKMA 07310
	25 (RF) - 1.6 16V	16 K4F	1588	1999. 10 ~ 2005. 05	VKMA 07310
	25 (RF) - 1.8 16V	18 K4F	1796	1999. 10 ~ 2005. 05	VKMA 07310
	25 (RF) - 1.8 16V	18 K4K	1796	2000. 02 ~ 2005. 05	VKMA 07306
	400 (XW) - 1.4 GSI/SI	14 K4C / 14 K4D	1396	1990. 04 ~ 1995. 04	VKMA 07310
	400 (XW) - 1.4 GSI/SI CAT	14 K4F	1396	1993. 01 ~ 1995. 04	VKMA 07310
400 (XW) - 418 D	XUD7	1905	1991. 09 ~ 1995. 04	VKMA 03241	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
FDU 2691	GT80100												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
DBP 9291	GT80590												
0829.33	GT50570							0830.13	GT50590				
LHP 10010	GT60130							LHP 10009	GT60140				
0829.33	GT50570							0830.13	GT50590				
LHP 10010	GT60130							LHP 10009	GT60140				
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
0829.33	GT50570							0830.13	GT50590				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
ROVER	400 (XW) - 418 TD	XUD 7TE	1769	1994. 01 ~ 1995. 04	VKMA 03241
	400 (XW) - 418 TD	XUD 7TE	1769	1991. 09 ~ 1993. 12	VKMA 03240
	400 Hatchback (RT) - 1.4 Si	14 K4F	1396	1995. 05 ~ 2000. 03	VKMA 07310
	400 Hatchback (RT) - 1.6 Si	16 K4F	1588	1995. 05 ~ 2000. 03	VKMA 07310
	400 Tourer (XW) - 1.8 TD	XUD 7TE	1769	1994. 01 ~ 1998. 11	VKMA 03241
	400 Tourer (XW) - 1.8 TD	XUD 7TE	1769	1993. 09 ~ 1998. 11	VKMA 03240
	45 (RT) - 1.4 16V	14 K4F	1396	2000. 02 ~ 2005. 05	VKMA 07310
	45 (RT) - 1.6 16V	16 K4F	1588	2000. 02 ~ 2005. 05	VKMA 07310
	45 Saloon (RT) - 1.4	14 K4F	1396	2000. 02 ~ 2005. 05	VKMA 07310
	45 Saloon (RT) - 1.6	16 K4F	1588	2000. 02 ~ 2005. 05	VKMA 07310
	600 (RH) - 618 i/Si	F 18 A3	1850	1996. 03 ~ 1999. 02	VKMA 93600
	600 (RH) - 620 i	F 20 Z2	1997	1993. 08 ~ 1996. 06	VKMA 93600
	600 (RH) - 620 Si	F 20 Z1	1997	1993. 08 ~ 1999. 02	VKMA 93600
	600 (RH) - 623 Si	H 23 A3	2259	1993. 08 ~ 1999. 02	VKMA 93013
	800 (XS) - 825 Si Lux (RS)	C25	2497	1996. 04 ~ 1999. 02	VKMA 93302
	800 (XS) - 825 Si/Sterling (XS)	C 25 A2	2494	1986. 10 ~ 1988. 10	VKMA 93302
	800 (XS) - 825 Si/Sterling (XS)	C 25 A2	2494	1987. 01 ~ 1991. 12	VKMA 93302
	800 (XS) - 825 Si/Sterling (XS) CAT	C 25 A1	2494	1986. 10 ~ 1991. 12	VKMA 93302
	800 (XS) - 827 Si/Sterling (XS)	C 27 A2	2675	1988. 02 ~ 1991. 12	VKMA 93302
	800 (XS) - 827 Si/Sterling (XS) CAT	C 27 A1	2675	1988. 02 ~ 1999. 02	VKMA 93302
	800 Coupe - 827 24V (RS)	C 27 A1	2675	1992. 08 ~ 1999. 02	VKMA 93302
	800 Hatchback (XS) - 827 24V I/SI (RS) CAT	C 27 A1	2675	1992. 01 ~ 1999. 02	VKMA 93302
	800 Hatchback (XS) - 827 Vitesse (XS) CAT	C 27 A1	2675	1988. 10 ~ 1991. 12	VKMA 93302
	800 Hatchback (XS) - 827 Vitesse/SLI	C 27 A2	2675	1988. 10 ~ 1991. 12	VKMA 93302
	CABRIOLET (XW) - 214 1.4	14 K4C / 14 K4D	1396	1992. 01 ~ 1999. 11	VKMA 07310
	CABRIOLET (XW) - 214 1.4i 16V	14 K4F	1396	1993. 01 ~ 1999. 11	VKMA 07310
COUPE - 1.6 16 V	16 K4F	1588	1996. 03 ~ 1999. 11	VKMA 07310	
COUPE - 1.8 16 V	18 K4K (WVC)	1795	1996. 03 ~ 1999. 11	VKMA 07306	
SAAB	9-3 (YS3F) - 1.8 i	Z 18 XE	1796	2004. 01 ~	VKMA 05156
	9-3 Estate - 1.8 i	Z 18 XE	1796	2005. 03 ~	VKMA 05156
SSANGYONG	KORANDO (KJ) - 2.9 D (KJ)	MB-OM 662	2874	1996. 12 ~	
	KORANDO (KJ) - 2.9 D	MB-OM 662	2874	1997. 06 ~ 2000. 10	
	KORANDO (KJ) - 2.9 TD		2874	1998. 04 ~	
	KORANDO Cabrio (KJ) - 2.9 D	MB-OM 662	2874	1997. 11 ~	
	KORANDO Cabrio (KJ) - 2.9 TD		2874	1998. 04 ~	
SEAT	131 - 2.4 Diesel	8144.61	2445	1981. 01 ~ 1986. 12	VKMA 02381
	ALHAMBRA (710) - 2.0 TDI	CFFA	1968	2010. 06 ~ 2010. 11	VKMA 01269





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
0829.33	GT50570							0830.13	GT50590				
LHP 10010	GT60130							LHP 10009	GT60140				
CDU 3558	GT60310												
CDU 3558	GT60310												
0829.33	GT50570							0830.13	GT50590				
LHP 10010	GT60130							LHP 10009	GT60140				
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
LHP 100440	GT80390			LHP 100480	GT80440								
LHP 100440	GT80390			LHP 100480	GT80440								
LHP 100440	GT80390			LHP 100480	GT80440								
LHP 100440	GT80390			LHP 100480	GT80440								
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
XHM 461	GT80550												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
CDU 3558	GT60310												
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
		5636732	GTB0030					56 36 416	GT60560	5636454	GT30540		
A162-200-30-70	GT50010												
A162-200-30-70	GT50010												
A162-200-30-70	GT50010												
A162-200-30-70	GT50010												
								99432547	GT60520	4740847	GT60530		
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F											

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SEAT	ALHAMBRA (710) - 2.0 TDI	CFFB	1968	2010. 06 ~ 2010. 11	VKMA 01269
	ALHAMBRA (710) - 2.0 TDI	CFGB	1968	2010. 06 ~ 2010. 11	VKMA 01269
	ALHAMBRA (7V8, 7V9) - 1.8 T 20V	AJH	1781	1997. 10 ~ 2000. 12	VKMA 01135
	ALHAMBRA (7V8, 7V9) - 1.8 T 20V	AWC	1781	1997. 10 ~ 2010. 03	VKMA 01136
	ALHAMBRA (7V8, 7V9) - 1.9 TDI	ANU	1896	2003. 01 ~ 2010. 03	VKMA 01250
	ALHAMBRA (7V8, 7V9) - 1.9 TDI	ASZ	1896	2002. 11 ~ 2008. 11	VKMA 01250
	ALHAMBRA (7V8, 7V9) - 1.9 TDI	ARL / BTB	1896	2005. 05 ~ 2007. 05	VKMA 01250
	ALHAMBRA (7V8, 7V9) - 1.9 TDI	1Z / AHU	1896	1996. 04 ~ 2010. 03	VKMA 01019
	ALHAMBRA (7V8, 7V9) - 1.9 TDI	AFN / AVG	1896	1996. 08 ~ 2000. 06	VKMA 01019
	ALHAMBRA (7V8, 7V9) - 1.9 TDI	ANU	1896	1996. 04 ~ 2010. 03	VKMA 01142
	ALHAMBRA (7V8, 7V9) - 1.9 TDI	AUY / BVK	1896	2000. 06 ~ 2010. 03	VKMA 01142
	ALHAMBRA (7V8, 7V9) - 1.9 TDI 4motion	AUY / BVK	1896	2003. 01 ~ 2010. 03	VKMA 01250
	ALHAMBRA (7V8, 7V9) - 1.9 TDI 4motion	AUY / BVK	1896	2000. 06 ~ 2010. 03	VKMA 01142
	ALHAMBRA (7V8, 7V9) - 1.9 Tdi 4x4	ASZ	1896	2005. 06 ~ 2008. 11	VKMA 01250
	ALHAMBRA (7V8, 7V9) - 2.0 i	ADY	1984	1996. 04 ~ 2010. 03	VKMA 01002
	ALHAMBRA (7V8, 7V9) - 2.0 TDI	BRT	1968	2005. 11 ~ 2010. 03	VKMA 01250
	ALTEA (5P1) - 1.4 16V	BXW / CGGB	1390	2006. 05 ~	VKMA 01121
	ALTEA (5P1) - 1.6 TDI	CAYB	1598	2010. 11 ~	VKMA 01269
	ALTEA (5P1) - 1.6 TDI	CAYC	1598	2009. 10 ~ 2010. 11	VKMA 01269
	ALTEA (5P1) - 1.6 TDI	CAYB	1598	2010. 11 ~	VKMA 01148
	ALTEA (5P1) - 1.9 TDI	BXF	1896	2009. 08 ~	VKMA 01250
	ALTEA (5P1) - 1.9 TDI	BJB / BKC / BLS / BXE	1896	2004. 04 ~	VKMA 01250
	ALTEA (5P1) - 2.0 FSI	BLR / BLY / BVY / BVZ	1984	2004. 05 ~ 2009. 03	VKMA 01222
	ALTEA (5P1) - 2.0 TDI	BMM	1968	2005. 11 ~	VKMA 01250
	ALTEA (5P1) - 2.0 TDI	BMN / CEGA	1968	2006. 03 ~	VKMA 01259
	ALTEA (5P1) - 2.0 TDI (5P-7-000 000)	AZV	1968	2004. 03 ~ 2009. 05	VKMA 01255
	ALTEA (5P1) - 2.0 TDI (5P-7-000 001)	AZV	1968	2004. 03 ~ 2009. 05	VKMA 01259
	ALTEA (5P1) - 2.0 TDI 16V	BKD / CFHC	1968	2004. 03 ~	VKMA 01259
	ALTEA (5P1) - 2.0 TDI 16V (5P-7-000 000)	BKD / CFHC	1968	2004. 03 ~	VKMA 01255
	ALTEA (5P1) - 2.0 TFSI	BWA	1984	2006. 04 ~ 2009. 05	VKMA 01222
	ALTEA XL (5P5, 5P8) - 1.4 16V	BXW / CGGB	1390	2006. 10 ~	VKMA 01121
	ALTEA XL (5P5, 5P8) - 1.6 TDI	CAYB	1598	2010. 11 ~	VKMA 01269
	ALTEA XL (5P5, 5P8) - 1.6 TDI	CAYC	1598	2009. 10 ~ 2010. 11	VKMA 01269
ALTEA XL (5P5, 5P8) - 1.6 TDI	CAYB	1598	2010. 11 ~	VKMA 01148	
ALTEA XL (5P5, 5P8) - 1.9 TDI	BXF	1896	2009. 08 ~	VKMA 01250	
ALTEA XL (5P5, 5P8) - 1.9 TDI	BKC / BLS / BXE	1896	2006. 10 ~	VKMA 01250	
ALTEA XL (5P5, 5P8) - 2.0 FSI	BVY / BVZ	1984	2006. 10 ~ 2009. 03	VKMA 01222	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		1058458	GTB0270					028 109 244	GT60330				
		1058458	GTB0270					028 109 244	GT60330				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
026 109 243	GT80070												
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SEAT	ALTEA XL (5P5, 5P8) - 2.0 TDI	BMN / CEGA	1968	2007. 06 ~	VKMA 01269
	ALTEA XL (5P5, 5P8) - 2.0 TDI (5P-7-000 000)	AZV	1968	2006. 11 ~ 2009. 03	VKMA 01269
	ALTEA XL (5P5, 5P8) - 2.0 TDI (5P-7-000 001)	AZV	1968	2006. 11 ~ 2009. 03	VKMA 01135
	ALTEA XL (5P5, 5P8) - 2.0 TDI 16V (5P-7-000 000)	BKD / CFHC	1968	2006. 10 ~	VKMA 01136
	ALTEA XL (5P5, 5P8) - 2.0 TDI 16V (5P-7-000 001)	BKD / CFHC	1968	2006. 10 ~	VKMA 01250
	ALTEA XL (5P5, 5P8) - 2.0 TDI 16V 4x4	CFHC	1968	2010. 10 ~	VKMA 01250
	ALTEA XL (5P5, 5P8) - 2.0 TDI 4x4	BMM	1968	2007. 06 ~	VKMA 01250
	ALTEA XL (5P5, 5P8) - 2.0 TDI 4x4	BMN / CEGA / CFJA	1968	2007. 06 ~	VKMA 01019
	ALTEA XL (5P5, 5P8) - 2.0 TFSI 4x4	BWA	1984	2007. 06 ~ 2009. 05	VKMA 01019
	AROSA (6H) - 1.4 16V	AFK / AQQ / AUB	1390	2000. 01 ~ 2004. 06	VKMA 01142
	AROSA (6H) - 1.4 TDI	AMF	1422	2004. 01 ~ 2004. 06	VKMA 01142
	AROSA (6H) - 1.4 TDI (011 494)	AMF	1422	2000. 01 ~ 2004. 06	VKMA 01250
	AROSA (6H) - 1.4 TDI (011 495)	AMF	1422	2001. 01 ~ 2004. 06	VKMA 01142
	AROSA (6H) - 1.7 SDI	AKU	1716	1997. 08 ~ 2004. 06	VKMA 01250
	BIZA II (6K1) - 1.9 TDI	1Z / AHU	1896	1996. 08 ~ 1999. 08	VKMA 01002
	CORDOBA (6K1, 6K2) - 1.6 i	1F	1595	1994. 05 ~ 1999. 06	VKMA 01250
	CORDOBA (6K1, 6K2) - 1.6 i	AFT	1595	1996. 07 ~ 1999. 10	VKMA 01121
	CORDOBA (6K1, 6K2) - 1.8 i	ABS / ACC / ADZ	1781	1993. 02 ~ 1999. 06	VKMA 01269
	CORDOBA (6K1, 6K2) - 1.9 SDI	AEY	1896	1996. 08 ~ 1999. 06	VKMA 01269
	CORDOBA (6K1, 6K2) - 1.9 TDI	1Z / AHU	1896	1996. 08 ~ 1999. 06	VKMA 01148
	CORDOBA (6K1, 6K2) - 1.9 TDI	AFN	1896	1997. 03 ~ 1999. 06	VKMA 01250
	CORDOBA (6K1, 6K2) - 2.0 i	2E / AGG	1984	1993. 02 ~ 1999. 06	VKMA 01250
	CORDOBA (6K2) - 1.4 16V	APE / AUA	1390	2000. 05 ~ 2002. 10	VKMA 01222
	CORDOBA (6K2) - 1.4 16V	AQQ / AUB	1390	2000. 02 ~ 2002. 10	VKMA 01250
	CORDOBA (6K2) - 1.8 T 20V Cupra	AQX / AYP	1781	2000. 07 ~ 2002. 10	VKMA 01259
	CORDOBA (6K2) - 1.9 SDI (004 131)	AQM	1896	1999. 06 ~ 2002. 10	VKMA 01255
	CORDOBA (6K2) - 1.9 SDI (004 132)	AQM	1896	1999. 06 ~ 2002. 10	VKMA 01259
	CORDOBA (6K2) - 1.9 SDI (229 902)	AGP	1896	1999. 06 ~ 2002. 10	VKMA 01259
	CORDOBA (6K2) - 1.9 SDI (229 903)	AGP	1896	1999. 06 ~ 2002. 10	VKMA 01255
	CORDOBA (6K2) - 1.9 TDI	AGR / ALH	1896	1999. 06 ~ 2002. 12	VKMA 01222
	CORDOBA (6K2) - 1.9 TDI	ASV	1896	1999. 06 ~ 2002. 12	VKMA 01121
	CORDOBA (6L2) - 1.4 16V	BBY / BKY	1390	2002. 09 ~ 2007. 12	VKMA 01269
	CORDOBA (6L2) - 1.4 16V	BXW	1390	2006. 05 ~ 2009. 11	VKMA 01269
	CORDOBA (6L2) - 1.4 16V	BBZ	1390	2002. 10 ~ 2009. 11	VKMA 01148
CORDOBA (6L2) - 1.4 TDI	BNM	1422	2005. 05 ~ 2009. 11	VKMA 01250	
CORDOBA (6L2) - 1.4 TDI	AMF	1422	2002. 10 ~ 2005. 12	VKMA 01250	
CORDOBA (6L2) - 1.4 TDI	BMS / BNV	1422	2005. 06 ~ 2009. 11	VKMA 01222	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 B 03L 109 243 F						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D 109 244 E	GT50630		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181 A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		1058458	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243	GT80070												
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181 A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181 A	GT30550		
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244 H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244 H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244 H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244 H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244 H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244 H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		036 109 243 AB	GTB0130			036 109 243 AC / 036 109 243 AG		036 109 244 C	GT70730	036 109 181 A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC / 036 109 243 AG		036 109 244 C	GT70730	036 109 181 A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC / 036 109 243 AG		036 109 244 C	GT70730	036 109 181 A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SEAT	CORDOBA (6L2) - 1.9 SDI	ASY	1896	2002. 09 ~ 2009. 11	VKMA 01130
	CORDOBA (6L2) - 1.9 TDI	ATD / AXR / BMT	1896	2002. 09 ~ 2009. 11	VKMA 01250
	CORDOBA (6L2) - 1.9 TDI	ASZ / BLT	1896	2002. 10 ~ 2009. 11	VKMA 01250
	CORDOBA Vario (6K5) - 1.4 16V	APE / AUA	1390	1999. 06 ~ 2002. 12	VKMA 01121
	CORDOBA Vario (6K5) - 1.6 i	1F	1595	1997. 05 ~ 1999. 06	VKMA 01000
	CORDOBA Vario (6K5) - 1.6 i	AFT	1595	1996. 09 ~ 1999. 06	VKMA 01009
	CORDOBA Vario (6K5) - 1.9 SDI	AEY	1896	1996. 09 ~ 1999. 06	VKMA 01019
	CORDOBA Vario (6K5) - 1.9 SDI (004 131)	AQM	1896	1999. 06 ~ 2002. 12	VKMA 01130
	CORDOBA Vario (6K5) - 1.9 SDI (004 132)	AQM	1896	1999. 06 ~ 2012. 02	VKMA 01251
	CORDOBA Vario (6K5) - 1.9 SDI (229 902)	AGP	1896	1999. 06 ~ 2002. 12	VKMA 01130
	CORDOBA Vario (6K5) - 1.9 SDI (229 903)	AGP	1896	1999. 06 ~ 2012. 02	VKMA 01251
	CORDOBA Vario (6K5) - 1.9 TDI	ASV	1896	1999. 06 ~ 2002. 12	VKMA 01251
	CORDOBA Vario (6K5) - 1.9 TDI	1Z / AHU	1896	1996. 08 ~ 1999. 06	VKMA 01014
	CORDOBA Vario (6K5) - 1.9 TDI	AFN	1896	1997. 07 ~ 1999. 06	VKMA 01014
	CORDOBA Vario (6K5) - 1.9 TDI	AGR / ALH	1896	1999. 06 ~ 2002. 12	VKMA 01251
	EXEO (3R2) - 2.0 TDI	CAGC / CJCC	1968	2008. 12 ~	VKMA 01263
	EXEO (3R2) - 2.0 TDI	CAGA / CJCA	1968	2008. 12 ~	VKMA 01263
	EXEO (3R2) - 2.0 TDI	CAHA / CGLB	1968	2009. 02 ~	VKMA 01263
	EXEO (3R2) - 2.0 TFSI	BWE	1984	2009. 03 ~	VKMA 01222
	EXEO ST (3R5) - 2.0 TDI	CAGC / CJCC	1968	2009. 07 ~	VKMA 01263
	EXEO ST (3R5) - 2.0 TDI	CAGA / CJCA	1968	2009. 05 ~	VKMA 01263
	EXEO ST (3R5) - 2.0 TDI	CAHA / CGLB	1968	2009. 05 ~	VKMA 01263
	EXEO ST (3R5) - 2.0 TFSI	BWE	1984	2009. 06 ~	VKMA 01222
	IBIZA II (6K1) - 1.6 i	1F	1595	1994. 09 ~ 1999. 06	VKMA 01000
	IBIZA II (6K1) - 1.6 i	AFT	1595	1996. 04 ~ 1999. 08	VKMA 01009
	IBIZA II (6K1) - 1.6 i	1F	1598	1993. 03 ~ 1999. 08	VKMA 01000
	IBIZA II (6K1) - 1.8 i	ABS / ADZ	1781	1993. 03 ~ 1999. 08	VKMA 01000
	IBIZA II (6K1) - 1.9 SDI	AEY	1896	1996. 08 ~ 1999. 08	VKMA 01019
	IBIZA II (6K1) - 1.9 TDI	AFN	1896	1997. 02 ~ 1999. 08	VKMA 01014
	IBIZA II (6K1) - 2.0 i	2E / AGG	1984	1993. 03 ~ 1999. 08	VKMA 01002
	IBIZA III (6K1) - 1.4 16V	APE / AUA	1390	2000. 05 ~ 2002. 02	VKMA 01121
	IBIZA III (6K1) - 1.4 16V	AQQ / AUB	1390	1999. 08 ~ 2002. 02	VKMA 01121
	IBIZA III (6K1) - 1.8 T 20V Cupra	AQX / AYP	1781	2000. 07 ~ 2002. 02	VKMA 01136
IBIZA III (6K1) - 1.9 SDI (004 131)	AQM	1896	1999. 08 ~ 2002. 02	VKMA 01130	
IBIZA III (6K1) - 1.9 SDI (004 132)	AQM	1896	1999. 08 ~ 2002. 02	VKMA 01251	
IBIZA III (6K1) - 1.9 SDI (229 902)	AGP	1896	1999. 08 ~ 2002. 02	VKMA 01130	
IBIZA III (6K1) - 1.9 SDI (229 903)	AGP	1896	1999. 08 ~ 2002. 02	VKMA 01251	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC	036 109 243 AG	036 109 244 C	GT70730	036 109 181A	GT30550		
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		1058458	GTB0270					028 109 244	GT60330				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		1058458	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243	GT80070												
		036 109 243 AB	GTB0130			036 109 243 AC	036 109 243 AG	036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC	036 109 243 AG	036 109 244 C	GT70730	036 109 181A	GT30550		
		06B 109 243 A						06B 109 244	GT60510				
		06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SEAT	IBIZA III (6K1) - 1.9 TDI	AGR / ALH	1896	1999. 08 ~ 2002. 02	VKMA 01251
	IBIZA III (6K1) - 1.9 TDI	ASV	1896	1999. 08 ~ 2002. 02	VKMA 01251
	IBIZA IV (6L1) - 1.4 16V	BBY / BKY	1390	2002. 02 ~ 2007. 12	VKMA 01121
	IBIZA IV (6L1) - 1.4 16V	BXW	1390	2006. 05 ~ 2009. 11	VKMA 01121
	IBIZA IV (6L1) - 1.4 16V	AUB / BBZ	1390	2002. 02 ~ 2009. 11	VKMA 01121
	IBIZA IV (6L1) - 1.4 TDI	BNM	1422	2005. 05 ~ 2009. 11	VKMA 01250
	IBIZA IV (6L1) - 1.4 TDI	AMF	1422	2002. 05 ~ 2005. 12	VKMA 01250
	IBIZA IV (6L1) - 1.4 TDI	BMS / BNV	1422	2005. 06 ~ 2009. 11	VKMA 01250
	IBIZA IV (6L1) - 1.8 T Cupra R	BBU	1781	2004. 01 ~ 2008. 02	
	IBIZA IV (6L1) - 1.8 T FR	BJX / BKV	1781	2003. 12 ~ 2008. 05	
	IBIZA IV (6L1) - 1.9 SDI	ASY	1896	2002. 02 ~ 2005. 12	VKMA 01130
	IBIZA IV (6L1) - 1.9 TDI	ATD / AXR / BMT	1896	2002. 02 ~ 2009. 11	VKMA 01250
	IBIZA IV (6L1) - 1.9 TDI	ASZ / BLT	1896	2002. 02 ~ 2009. 11	VKMA 01250
	IBIZA IV (6L1) - 1.9 TDI Cupra R	BPX / BUK	1896	2004. 03 ~ 2008. 02	VKMA 01250
	IBIZA V (6J5) - 1.2 TDI	CFWA	1199	2010. 05 ~	VKMA 01269
	IBIZA V (6J5) - 1.4	BXW / CGGB	1390	2008. 03 ~	VKMA 01121
	IBIZA V (6J5) - 1.4 TDI	BMS	1422	2008. 07 ~ 2010. 06	VKMA 01250
	IBIZA V (6J5) - 1.6 TDI	CAYB	1598	2009. 05 ~ 2010. 11	VKMA 01269
	IBIZA V (6J5) - 1.6 TDI	CAYC / CLNA	1598	2009. 05 ~ 2010. 11	VKMA 01269
	IBIZA V (6J5) - 1.9 TDI	BXJ	1896	2008. 07 ~ 2010. 06	VKMA 01250
	IBIZA V (6J5) - 1.9 TDI	BLS	1896	2008. 03 ~ 2010. 06	VKMA 01250
	IBIZA V (6J5) - 2.0 TDI	CFHD	1968	2010. 01 ~	VKMA 01269
	IBIZA V SPORTCOUPE (6J1) - 1.2 TDI	CFWA	1199	2010. 05 ~	VKMA 01269
	IBIZA V SPORTCOUPE (6J1) - 1.4	BXW / CGGB	1390	2008. 07 ~	VKMA 01121
	IBIZA V SPORTCOUPE (6J1) - 1.4 TDI	BMS	1422	2008. 07 ~ 2010. 06	VKMA 01250
	IBIZA V SPORTCOUPE (6J1) - 1.6 TDI	CAYB	1598	2009. 05 ~ 2010. 11	VKMA 01269
	IBIZA V SPORTCOUPE (6J1) - 1.6 TDI	CAYC / CLNA	1598	2009. 05 ~ 2010. 11	VKMA 01269
	IBIZA V SPORTCOUPE (6J1) - 1.9 TDI	BXJ	1896	2008. 07 ~ 2010. 06	VKMA 01250
	IBIZA V SPORTCOUPE (6J1) - 1.9 TDI	BLS	1896	2008. 07 ~ 2010. 06	VKMA 01250
	IBIZA V SPORTCOUPE (6J1) - 2.0 TDI	CFHD	1968	2010. 01 ~	VKMA 01269
	IBIZA V ST (6J8) - 1.2 TDI	CFWA	1199	2010. 04 ~	VKMA 01269
	IBIZA V ST (6J8) - 1.4	CGGB	1390	2010. 03 ~	VKMA 01121
IBIZA V ST (6J8) - 1.6 TDI	CAYB	1598	2010. 03 ~ 2010. 11	VKMA 01269	
IBIZA V ST (6J8) - 1.6 TDI	CAYC / CLNA	1598	2010. 03 ~ 2010. 11	VKMA 01269	
INCA (6K9) - 1.4 16V	AUA	1390	2000. 04 ~ 2003. 06	VKMA 01121	
INCA (6K9) - 1.6 i	1F	1595	1995. 11 ~ 1998. 05	VKMA 01000	
INCA (6K9) - 1.7 D	AHB	1716	1996. 09 ~ 2003. 06	VKMA 01019	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
								06B 109 244	GT60510				
								06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		036 109 243 AB	GTB0130			036 109 243 AC		036 109 244 C	GT70730	036 109 181A	GT30550		
026 109 243 A	GT80070												
		1058458	GTB0270					028 109 244	GT60330				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SEAT	INCA (6K9) - 1.9 SDI	AYQ	1896	1995. 11 ~ 2003. 06	VKMA 01251
	INCA (6K9) - 1.9 SDI	AEY	1896	1995. 11 ~ 2003. 06	VKMA 01019
	LEON (1M1) - 1.4 16V	APE / AXP / BCA	1390	1999. 11 ~ 2006. 06	VKMA 01121
	LEON (1M1) - 1.4 16V (160 000)	AHW	1390	1999. 11 ~ 2006. 06	VKMA 01120
	LEON (1M1) - 1.4 16V (160 001)	AHW	1390	1999. 11 ~ 2006. 06	VKMA 01121
	LEON (1M1) - 1.6 16 V	AUS / AZD / BCB	1598	2000. 09 ~ 2006. 06	VKMA 01121
	LEON (1M1) - 1.8 20V	AGN / APG	1781	1999. 11 ~ 2006. 06	VKMA 01135
	LEON (1M1) - 1.8 20V	AGN / APG	1781	1999. 11 ~ 2006. 06	VKMA 01136
	LEON (1M1) - 1.8 20V T	APP / AUQ	1781	1999. 11 ~ 2006. 06	VKMA 01135
	LEON (1M1) - 1.8 20V T	APP / AUQ	1781	1999. 11 ~ 2006. 06	VKMA 01136
	LEON (1M1) - 1.8 20V T 4	AJQ / ARY	1781	1999. 11 ~ 2006. 06	VKMA 01135
	LEON (1M1) - 1.8 20V T 4	AJQ / ARY	1781	1999. 11 ~ 2006. 06	VKMA 01136
	LEON (1M1) - 1.8 T Cupra R	AMK	1781	2002. 02 ~ 2006. 06	VKMA 01136
	LEON (1M1) - 1.8 T Cupra R	BAM	1781	2003. 07 ~ 2006. 06	VKMA 01136
	LEON (1M1) - 1.9 SDI (029 999)	AQM	1896	1999. 11 ~ 2006. 06	VKMA 01130
	LEON (1M1) - 1.9 SDI (030 000)	AQM	1896	1999. 11 ~ 2006. 06	VKMA 01251
	LEON (1M1) - 1.9 TDI	AXR	1896	2005. 10 ~ 2006. 06	VKMA 01250
	LEON (1M1) - 1.9 TDI	ASZ	1896	2003. 05 ~ 2006. 06	VKMA 01250
	LEON (1M1) - 1.9 TDI	ARL	1896	2001. 02 ~ 2006. 06	VKMA 01250
	LEON (1M1) - 1.9 TDI	AGR / ALH	1896	1999. 11 ~ 2006. 06	VKMA 01251
	LEON (1M1) - 1.9 TDI	AHF / ASV	1896	1999. 11 ~ 2006. 06	VKMA 01251
	LEON (1M1) - 1.9 TDI	ARL	1896	2001. 02 ~ 2006. 06	VKMA 01142
	LEON (1M1) - 1.9 TDI Syncro	ARL	1896	2002. 05 ~ 2006. 06	VKMA 01250
	LEON (1M1) - 1.9 TDI Syncro	ARL	1896	2002. 05 ~ 2006. 06	VKMA 01142
	LEON (1P1) - 1.4 16V	BXW / CGGB	1390	2006. 06 ~	VKMA 01121
	LEON (1P1) - 1.6 TDI	CAYB	1598	2010. 11 ~	VKMA 01269
	LEON (1P1) - 1.6 TDI	CAYC	1598	2010. 02 ~ 2010. 11	VKMA 01269
	LEON (1P1) - 1.9 TDI	BXF	1896	2007. 06 ~	VKMA 01250
	LEON (1P1) - 1.9 TDI	BKC / BLS / BXE	1896	2005. 07 ~	VKMA 01250
	LEON (1P1) - 2.0 Cupra R	CDLD	1984	2009. 09 ~	
	LEON (1P1) - 2.0 FSI	BLR / BLY / BVY / BVZ	1984	2005. 07 ~ 2010. 05	VKMA 01222
	LEON (1P1) - 2.0 TDI	BMM	1968	2005. 10 ~	VKMA 01250
	LEON (1P1) - 2.0 TDI	BMN / CEGA / CFJA	1968	2006. 05 ~	VKMA 01259
	LEON (1P1) - 2.0 TDI (1P-7-000 000)	AZV	1968	2005. 07 ~ 2010. 05	VKMA 01255
LEON (1P1) - 2.0 TDI (1P-7-000 001)	AZV	1968	2005. 07 ~ 2010. 05	VKMA 01259	
LEON (1P1) - 2.0 TDI 16V (1P-7-000 000)	BKD / CFHC / CLCB	1968	2005. 07 ~	VKMA 01255	
LEON (1P1) - 2.0 TDI 16V (1P-7-000 001)	BKD / CFHC / CLCB	1968	2005. 07 ~	VKMA 01259	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		1058458	GTB0270					028 109 244	GT60330				
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
								06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SEAT	LEON (1P1) - 2.0 TFSI	BWA	1984	2005. 09 ~ 2006. 05	VKMA 01222
	LEON (1P1) - 2.0 TFSI	BWA	1984	2005. 05 ~ 2009. 03	VKMA 01222
	LEON (1P1) - 2.0 TFSI	BWJ / CDLD	1984	2006. 11 ~	
	LEON (1P1) - 2.0 TFSI	BWJ / CDLD	1984	2006. 11 ~	
	OCTAVIA (1Z3) - 2.0 FSI	BLR / BLX / BLY / BVX	1984	2004. 11 ~	VKMA 01222
	OCTAVIA (1Z3) - 2.0 RS	BWA	1984	2005. 10 ~	VKMA 01222
	OCTAVIA Combi (1Z5) - 2.0 FSI	BLR / BLX / BLY	1984	2004. 11 ~	VKMA 01222
	OCTAVIA Combi (1Z5) - 2.0 FSI 4x4	BLR / BLX / BLY	1984	2004. 11 ~	VKMA 01222
	OCTAVIA Combi (1Z5) - 2.0 RS	BWA	1984	2005. 10 ~	VKMA 01222
	TOLEDO I (1L) - 1.6 i	1F	1595	1991. 05 ~ 1993. 12	VKMA 01000
	TOLEDO I (1L) - 1.6 i	1F / ABN / EZ	1595	1991. 05 ~ 1999. 03	VKMA 01000
	TOLEDO I (1L) - 1.6 i	1F	1595	1993. 01 ~ 1999. 03	VKMA 01000
	TOLEDO I (1L) - 1.6 i	AFT	1595	1996. 11 ~ 1999. 03	VKMA 01009
	TOLEDO I (1L) - 1.8 i	RP	1781	1991. 05 ~ 1996. 12	VKMA 01000
	TOLEDO I (1L) - 1.8 i	ABS / ADZ	1781	1993. 11 ~ 1996. 12	VKMA 01000
	TOLEDO I (1L) - 1.9 TDI	1Z / AHU	1896	1995. 08 ~ 1996. 12	VKMA 01012
	TOLEDO I (1L) - 2.0 i	2E / AGG	1984	1991. 05 ~ 1999. 03	VKMA 01002
	TOLEDO II (1M2) - 1.4 16V	APE / AXP	1390	1999. 07 ~ 2006. 05	VKMA 01121
	TOLEDO II (1M2) - 1.4 16V (160 000)	AHW	1390	1999. 07 ~ 2006. 05	VKMA 01120
	TOLEDO II (1M2) - 1.4 16V (160 001)	AHW	1390	1999. 07 ~ 2006. 05	VKMA 01121
	TOLEDO II (1M2) - 1.6 16V	AUS / AZD / BCB	1598	2000. 09 ~ 2006. 05	VKMA 01121
	TOLEDO II (1M2) - 1.8 20V	AGN / APG	1781	1999. 04 ~ 2006. 05	VKMA 01135
	TOLEDO II (1M2) - 1.8 20V	AGN / APG	1781	1999. 04 ~ 2006. 05	VKMA 01136
	TOLEDO II (1M2) - 1.8 20VT	AJQ / APP / ARY / AUQ	1781	2001. 05 ~ 2006. 05	VKMA 01135
	TOLEDO II (1M2) - 1.8 20VT	AJQ / APP / ARY / AUQ	1781	2001. 05 ~ 2006. 05	VKMA 01136
	TOLEDO II (1M2) - 1.9 SDI (029 999)	AQM	1896	1999. 11 ~ 2004. 06	VKMA 01130
	TOLEDO II (1M2) - 1.9 SDI (030 000)	AQM	1896	1999. 11 ~ 2004. 06	VKMA 01251
	TOLEDO II (1M2) - 1.9 TDI	ASZ	1896	2003. 05 ~ 2006. 05	VKMA 01250
	TOLEDO II (1M2) - 1.9 TDI	ARL	1896	2000. 10 ~ 2006. 05	VKMA 01250
	TOLEDO II (1M2) - 1.9 TDI	AGR / ALH	1896	1999. 04 ~ 2006. 05	VKMA 01251
	TOLEDO II (1M2) - 1.9 TDI	AHF / ASV	1896	1999. 04 ~ 2006. 05	VKMA 01251
	TOLEDO II (1M2) - 1.9 TDI	ARL	1896	2000. 10 ~ 2006. 05	VKMA 01142
	TOLEDO III (5P2) - 1.9 TDI	BJB / BKC / BLS / BXE	1896	2004. 10 ~ 2009. 05	VKMA 01250
TOLEDO III (5P2) - 2.0 FSI	BLR / BLY / BVY / BVZ	1984	2004. 10 ~ 2009. 05	VKMA 01222	
TOLEDO III (5P2) - 2.0 TDI	BMN / CEGA	1968	2006. 01 ~ 2009. 05	VKMA 01259	
TOLEDO III (5P2) - 2.0 TDI (5P-7-032 500)	AZV	1968	2004. 09 ~ 2009. 05	VKMA 01255	
TOLEDO III (5P2) - 2.0 TDI (5P-7-032 501)	AZV	1968	2004. 09 ~ 2009. 05	VKMA 01259	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
								06B 109 244	GT60510	06D.109.244E	GT50630		
								06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		028 109 243 028 109 243 B						028 109 244	GT60330				
026 109 243	GT80070												
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
SEAT	TOLEDO III (5P2) - 2.0 TDI 16V (5P-7-032 500)	BKD	1968	2004. 04 ~ 2009. 05	VKMA 01255
	TOLEDO III (5P2) - 2.0 TDI 16V (5P-7-032 501)	BKD	1968	2004. 04 ~ 2009. 05	VKMA 01259
	TOLEDO III (5P2) - 2.0 TFSI	BWA	1984	2005. 11 ~ 2009. 05	VKMA 01222
	ALHAMBRA (7V8, 7V9) - 2.0 i	ATM	1984	2001. 01 ~ 2010. 03	VKMA 01113
	ALTEA (5P1) - 1.6	BGU/BSE/BSF/CCSA/CMXA	1595	2004. 03 ~	VKMA 01113
	ALTEA (5P1) - 1.6 LPG	CHGA	1595	2009. 09 ~	VKMA 01113
	ALTEA XL (5P5, 5P8) - 1.6	BSE/BSF/CCSA/CMXA	1595	2006. 10 ~	VKMA 01113
	ALTEA XL (5P5, 5P8) - 1.6 Multifuel	CCSA	1595	2006. 10 ~	VKMA 01113
	ALTEA XL (5P5, 5P8) - 1.6 LPG	CHGA	1595	2009. 09 ~	VKMA 01113
SKODA	FABIA - 1.2 TDI	CFWA	1199	2010. 05 ~	VKMA 01148
	FABIA - 1.4 TDI	BNM	1422	2007. 02 ~	VKMA 01250
	FABIA - 1.4 TDI	BMS / BNV	1422	2007. 01 ~	VKMA 01250
	FABIA - 1.6 TDI	CAYA	1598	2010. 04 ~ 2010. 11	VKMA 01269
	FABIA - 1.6 TDI	CAYB	1598	2010. 03 ~ 2010. 11	VKMA 01269
	FABIA - 1.6 TDI	CAYC	1598	2010. 03 ~ 2010. 11	VKMA 01269
	FABIA - 1.9 TDI	BLS / BSW	1896	2007. 04 ~	VKMA 01250
	FABIA (6Y2) - 1.4 16V	AUA / BBY / BKY	1390	1999. 12 ~ 2006. 06	VKMA 01121
	FABIA (6Y2) - 1.4 16V	AUB / BBZ	1390	1999. 12 ~ 2006. 06	VKMA 01121
	FABIA (6Y2) - 1.4 TDI	BNM	1422	2005. 10 ~ 2008. 03	VKMA 01250
	FABIA (6Y2) - 1.4 TDI	AMF	1422	2003. 04 ~ 2008. 03	VKMA 01250
	FABIA (6Y2) - 1.4 TDI	BNV	1422	2005. 10 ~ 2008. 03	VKMA 01250
	FABIA (6Y2) - 1.9 SDI	ASY	1896	1999. 12 ~ 2008. 03	VKMA 01130
	FABIA (6Y2) - 1.9 TDI	AXR	1896	2000. 01 ~ 2008. 03	VKMA 01250
	FABIA (6Y2) - 1.9 TDI	ATD	1896	2000. 01 ~ 2008. 03	VKMA 01142
	FABIA (6Y2) - 1.9 TDI (6Y-43893 313)	ATD	1896	2003. 08 ~ 2008. 03	VKMA 01250
	FABIA (6Y2) - 1.9 TDI RS	ASZ / BLT	1896	2003. 06 ~ 2008. 03	VKMA 01250
	FABIA Combi - 1.4 TDI	BNM	1422	2007. 10 ~	VKMA 01250
	FABIA Combi - 1.4 TDI	BMS / BNV	1422	2007. 10 ~	VKMA 01250
	FABIA Combi - 1.6 TDI		1598	2010. 04 ~ 2010. 11	VKMA 01269
	FABIA Combi - 1.6 TDI		1598	2010. 03 ~ 2010. 11	VKMA 01269
	FABIA Combi - 1.6 TDI		1598	2010. 03 ~ 2010. 11	VKMA 01269
	FABIA Combi - 1.9 TDI	BLS / BSW	1896	2007. 10 ~	VKMA 01250
	FABIA Combi (6Y5) - 1.4 16V	AUA / BBY / BKY	1390	2000. 05 ~ 2006. 06	VKMA 01121
	FABIA Combi (6Y5) - 1.4 16V	BUD	1390	2006. 04 ~ 2006. 06	VKMA 01121
	FABIA Combi (6Y5) - 1.4 16V	AUB / BBZ	1390	2000. 04 ~ 2006. 06	VKMA 01121
	FABIA Combi (6Y5) - 1.4 TDI	BNM	1422	2005. 10 ~ 2007. 12	VKMA 01250
	FABIA Combi (6Y5) - 1.4 TDI	AMF	1422	2003. 04 ~ 2007. 12	VKMA 01250



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06A 109 479	GTB0150										
		06A 109 479	GTB0150										
		06A 109 479	GTB0150										
		06A 109 479	GTB0150										
		06A 109 479	GTB0150										
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SKODA	FABIA Combi (6Y5) - 1.4 TDI	BNV	1422	2005. 10 ~ 2007. 12	VKMA 01250
	FABIA Combi (6Y5) - 1.9 SDI	ASY	1896	2000. 04 ~ 2007. 12	VKMA 01130
	FABIA Combi (6Y5) - 1.9 TDI	AXR	1896	2000. 04 ~ 2007. 12	VKMA 01250
	FABIA Combi (6Y5) - 1.9 TDI	ATD	1896	2000. 04 ~ 2007. 12	VKMA 01142
	FABIA Combi (6Y5) - 1.9 TDI (6Y-43893 313)	ATD	1896	2003. 08 ~ 2007. 12	VKMA 01250
	FABIA Praktik - 1.4 TDI	BNM	1422	2005. 10 ~ 2007. 12	VKMA 01250
	FABIA Praktik - 1.9 SDI	ASY	1896	2001. 07 ~ 2007. 12	VKMA 01130
	FABIA Saloon (6Y3) - 1.4 16V	AUA / BBY / BKY	1390	1999. 10 ~ 2006. 06	VKMA 01121
	FABIA Saloon (6Y3) - 1.4 16V	BUD	1390	2006. 04 ~ 2006. 06	VKMA 01121
	FABIA Saloon (6Y3) - 1.4 16V	AUB / BBZ	1390	1999. 12 ~ 2006. 06	VKMA 01121
	FABIA Saloon (6Y3) - 1.4 TDI	BNM	1422	2005. 10 ~ 2007. 12	VKMA 01250
	FABIA Saloon (6Y3) - 1.4 TDI	AMF	1422	2003. 04 ~ 2007. 12	VKMA 01250
	FABIA Saloon (6Y3) - 1.4 TDI	BNV	1422	2005. 10 ~ 2007. 12	VKMA 01250
	FABIA Saloon (6Y3) - 1.9 SDI	ASY	1896	1999. 11 ~ 2007. 12	VKMA 01130
	FABIA Saloon (6Y3) - 1.9 TDI	AXR	1896	2000. 01 ~ 2007. 12	VKMA 01250
	FABIA Saloon (6Y3) - 1.9 TDI	ATD	1896	2000. 01 ~ 2007. 12	VKMA 01142
	FABIA Saloon (6Y3) - 1.9 TDI (6Y-43893 313)	ATD	1896	2003. 08 ~ 2007. 12	VKMA 01250
	OCTAVIA (1U2) - 1.4 16V	AXP / BCA	1390	2000. 09 ~ 2010. 12	VKMA 01121
	OCTAVIA (1U2) - 1.8	AGN	1781	1996. 09 ~ 2000. 07	VKMA 01135
	OCTAVIA (1U2) - 1.8 T	AGU / ARZ	1781	1997. 08 ~ 2010. 12	VKMA 01135
	OCTAVIA (1U2) - 1.8 T	ARX / AUM	1781	2000. 08 ~	VKMA 01136
	OCTAVIA (1U2) - 1.8 T	AGU / ARZ	1781	1997. 08 ~ 2010. 12	VKMA 01136
	OCTAVIA (1U2) - 1.8 T 4x4	ARX / AUM	1781	2001. 05 ~ 2006. 05	VKMA 01136
	OCTAVIA (1U2) - 1.9 SDI	AQM	1896	2000. 08 ~ 2003. 12	VKMA 01251
	OCTAVIA (1U2) - 1.9 SDI (399 999)	AGP	1896	1997. 06 ~ 2003. 12	VKMA 01130
	OCTAVIA (1U2) - 1.9 SDI (400 000)	AGP	1896	1997. 06 ~ 2003. 12	VKMA 01251
	OCTAVIA (1U2) - 1.9 TDI	AXR	1896	2005. 10 ~ 2010. 12	VKMA 01250
	OCTAVIA (1U2) - 1.9 TDI	ASZ	1896	2002. 09 ~ 2004. 09	VKMA 01250
	OCTAVIA (1U2) - 1.9 TDI	ALH	1896	2000. 08 ~ 2010. 03	VKMA 01251
	OCTAVIA (1U2) - 1.9 TDI	ASV	1896	1997. 08 ~ 2006. 01	VKMA 01251
	OCTAVIA (1U2) - 1.9 TDI (006 065)	AHF	1896	1997. 08 ~ 2006. 01	VKMA 01130
	OCTAVIA (1U2) - 1.9 TDI (006 066)	AHF	1896	1997. 08 ~ 2006. 01	VKMA 01251
	OCTAVIA (1U2) - 1.9 TDI (044 441)	AGR	1896	1996. 09 ~ 2010. 03	VKMA 01130
OCTAVIA (1U2) - 1.9 TDI (044 442)	AGR	1896	1996. 09 ~ 2010. 03	VKMA 01251	
OCTAVIA (1Z3) - 1.4	BCA	1390	2004. 05 ~ 2006. 05	VKMA 01121	
OCTAVIA (1Z3) - 1.4	BUD / CGGA	1390	2004. 06 ~	VKMA 01121	
OCTAVIA (1Z3) - 1.6 TDI	CAYC	1598	2009. 06 ~ 2010. 11	VKMA 01269	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
06B 109 243	GT60650							06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SKODA	OCTAVIA (1Z3) - 1.9 TDI	BJB / BKC / BLS / BXE	1896	2004. 06 ~ 2010. 12	VKMA 01250
	OCTAVIA (1Z3) - 2.0 TDI	BMM	1968	2005. 11 ~	VKMA 01250
	OCTAVIA (1Z3) - 2.0 TDI (1Z-62272 755, 1Z-68089 110, 1Z-6A151 621)	AZV	1968	2004. 02 ~ 2010. 05	VKMA 01255
	OCTAVIA (1Z3) - 2.0 TDI (1Z-62272 756, 1Z-68089 111, 1Z-6A151 622)	AZV	1968	2004. 02 ~ 2010. 05	VKMA 01259
	OCTAVIA (1Z3) - 2.0 TDI 16V	CFHC / CLCB	1968	2004. 02 ~ 2010. 10	VKMA 01269
	OCTAVIA (1Z3) - 2.0 TDI 16V (1Z-62272 755, 1Z-68089 110, 1Z-6A151 621)	BKD	1968	2004. 02 ~ 2010. 10	VKMA 01255
	OCTAVIA (1Z3) - 2.0 TDI 16V (1Z-62272 756, 1Z-68089 111, 1Z-6A151 622)	BKD	1968	2004. 02 ~ 2010. 10	VKMA 01259
	OCTAVIA (1Z3) - 2.0 TDI RS	BMN	1968	2006. 04 ~	VKMA 01259
	OCTAVIA (1Z3) - 2.0 TDI RS	CEGA	1968	2006. 04 ~	VKMA 01263
	OCTAVIA Combi (1U5) - 1.4 16V	AXP / BCA	1390	2000. 08 ~ 2010. 12	VKMA 01121
	OCTAVIA Combi (1U5) - 1.8 20V	AGN	1781	1998. 07 ~ 2000. 07	VKMA 01135
	OCTAVIA Combi (1U5) - 1.8 T	AGU / ARZ	1781	1998. 07 ~ 2010. 12	VKMA 01135
	OCTAVIA Combi (1U5) - 1.9 SDI	AQM	1896	1998. 07 ~ 2003. 12	VKMA 01251
	OCTAVIA Combi (1U5) - 1.9 SDI (399 999)	AGP	1896	1998. 07 ~ 2003. 12	VKMA 01130
	OCTAVIA Combi (1U5) - 1.9 SDI (400 000)	AGP	1896	1998. 07 ~ 2003. 12	VKMA 01251
	OCTAVIA Combi (1U5) - 1.9 TDI	AXR	1896	2000. 08 ~ 2010. 12	VKMA 01250
	OCTAVIA Combi (1U5) - 1.9 TDI	ASZ	1896	2002. 09 ~ 2004. 09	VKMA 01250
	OCTAVIA Combi (1U5) - 1.9 TDI	ALH	1896	1998. 07 ~ 2010. 03	VKMA 01251
	OCTAVIA Combi (1U5) - 1.9 TDI	ASV	1896	1998. 07 ~ 2006. 01	VKMA 01251
	OCTAVIA Combi (1U5) - 1.9 TDI	ATD	1896	2000. 08 ~ 2010. 12	VKMA 01142
	OCTAVIA Combi (1U5) - 1.9 TDI (006 066)	AHF	1896	1998. 07 ~ 2006. 01	VKMA 01251
	OCTAVIA Combi (1U5) - 1.9 TDI (044 442)	AGR	1896	1998. 07 ~ 2010. 03	VKMA 01251
	OCTAVIA Combi (1U5) - 1.9 TDI (211 246)	ATD	1896	2000. 08 ~ 2010. 12	VKMA 01250
	OCTAVIA Combi (1U5) - 1.9 TDI 4x4	ATD	1896	2000. 09 ~ 2006. 01	VKMA 01250
	OCTAVIA Combi (1U5) - 1.9 TDI 4x4	ATD	1896	2000. 09 ~ 2006. 01	VKMA 01142
	OCTAVIA Combi (1U5) - 1.9 TDI 4x4 (044 442)	AGR	1896	1999. 11 ~ 2006. 02	VKMA 01251
	OCTAVIA Combi (1Z5) - 1.4	BCA	1390	2004. 05 ~ 2006. 05	VKMA 01121
	OCTAVIA Combi (1Z5) - 1.4	BUD / CGGA	1390	2006. 05 ~	VKMA 01121
	OCTAVIA Combi (1Z5) - 1.6 TDI	CAYC	1598	2009. 06 ~ 2010. 11	VKMA 01269
	OCTAVIA Combi (1Z5) - 1.6 TDI 4x4	CAYC	1598	2009. 06 ~ 2010. 11	VKMA 01269
	OCTAVIA Combi (1Z5) - 1.9 TDI	BJB / BKC / BLS / BXE	1896	2004. 09 ~ 2010. 12	VKMA 01250
	OCTAVIA Combi (1Z5) - 1.9 TDI 4x4	BKC / BLS / BXE	1896	2004. 11 ~ 2010. 12	VKMA 01250
	OCTAVIA Combi (1Z5) - 2.0 TDI	BMM	1968	2005. 11 ~	VKMA 01250
	OCTAVIA Combi (1Z5) - 2.0 TDI 16V	CFHC / CLCB	1968	2004. 02 ~ 2010. 10	VKMA 01269
	OCTAVIA Combi (1Z5) - 2.0 TDI 16V (1Z-62272 755, 1Z-68089 110, 1Z-6A151 621)	AZV	1968	2004. 02 ~ 2010. 05	VKMA 01255
	OCTAVIA Combi (1Z5) - 2.0 TDI 16V (1Z-62272 756, 1Z-68089 111, 1Z-6A151 622)	AZV	1968	2004. 02 ~ 2010. 05	VKMA 01259
OCTAVIA Combi (1Z5) - 2.0 TDI 4x4	BMM	1968	2006. 07 ~	VKMA 01250	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
06B 109 243	GT60650							06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		038 109 243 M	GTB0190					038 109 244 J	GT40930				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SKODA	RAPID - 1.6 TDI	CAYC	1598	2012. 07 ~	VKMA 01148
	RAPID Spaceback - 1.6 TDI	CAYC	1598	2013. 10 ~	VKMA 01148
	ROOMSTER (5J) - 1.4 TDI	BNM	1422	2006. 07 ~ 2010. 03	VKMA 01250
	ROOMSTER (5J) - 1.4 TDI	BMS / BNV	1422	2006. 09 ~ 2010. 03	VKMA 01250
	ROOMSTER (5J) - 1.6 TDI	CAYB	1598	2010. 03 ~	VKMA 01269
	ROOMSTER (5J) - 1.6 TDI	CAYC	1598	2010. 03 ~	VKMA 01269
	ROOMSTER (5J) - 1.9 TDI	BLS / BSW	1896	2006. 09 ~ 2010. 03	VKMA 01250
	ROOMSTER Praktik (5J) - 1.4	BXW / CGGB	1390	2007. 03 ~	VKMA 01121
	SUPERB (3T4) - 1.6 TDI	CAYC	1598	2010. 09 ~ 2010. 11	VKMA 01269
	SUPERB (3T4) - 1.9 TDI	BLS / BXE	1896	2008. 03 ~	VKMA 01250
	SUPERB (3T4) - 2.0 TDI	BMP	1968	2008. 03 ~	VKMA 01250
	SUPERB (3T4) - 2.0 TDI	CBBB	1968	2008. 07 ~	VKMA 01263
	SUPERB (3T4) - 2.0 TDI	CFGB	1968	2008. 07 ~	VKMA 01269
	SUPERB (3T4) - 2.0 TDI 16V	CFFB / CLJA	1968	2009. 01 ~	VKMA 01269
	SUPERB (3T4) - 2.0 TDI 16V 4x4	CFFB / CLJA	1968	2010. 11 ~	VKMA 01269
	SUPERB (3T4) - 2.0 TDI 4x4	CBBB	1968	2008. 09 ~	VKMA 01263
	SUPERB (3T4) - 2.0 TDI 4x4	CFGB	1968	2008. 09 ~	VKMA 01269
	SUPERB (3U4) - 1.8 T	AWT	1781	2001. 12 ~ 2008. 03	VKMA 01018
	SUPERB (3U4) - 1.9 TDI	AVB	1896	2002. 08 ~ 2005. 10	VKMA 01250
	SUPERB (3U4) - 1.9 TDI	BSV	1896	2005. 10 ~ 2007. 05	VKMA 01250
	SUPERB (3U4) - 1.9 TDI	BPZ	1896	2007. 01 ~ 2008. 03	VKMA 01250
	SUPERB (3U4) - 1.9 TDI	AVF / AWX	1896	2001. 12 ~ 2008. 03	VKMA 01250
	SUPERB (3U4) - 1.9 TDI	AVB	1896	2002. 08 ~ 2005. 10	VKMA 01142
	SUPERB (3U4) - 1.9 TDI	AVF / AWX	1896	2001. 12 ~ 2008. 03	VKMA 01142
	SUPERB (3U4) - 2.0 TDI	BSS / BWW	1968	2005. 10 ~ 2008. 03	VKMA 01250
	SUPERB (3U4) - 2.8 V6	AMX / BBG	2771	2001. 12 ~ 2008. 03	VKMA 01202
	SUPERB Estate (3T5) - 1.6 TDI	CAYC	1598	2010. 09 ~ 2010. 11	VKMA 01269
	SUPERB Estate (3T5) - 1.9 TDI	BLS / BXE	1896	2009. 10 ~ 2010. 11	VKMA 01250
	SUPERB Estate (3T5) - 2.0 TDI	BMP	1968	2009. 10 ~ 2010. 03	VKMA 01250
	SUPERB Estate (3T5) - 2.0 TDI 16V	CFFB / CLJA	1968	2009. 10 ~	VKMA 01269
	YETI (5L) - 1.6 TDI	CAYC	1598	2010. 11 ~	VKMA 01148
	YETI (5L) - 2.0 TDI 4x4	CFHC	1968	2009. 05 ~ 2010. 11	VKMA 01269
YETI (5L) - 2.0 TDI 4x4	CFJA	1968	2009. 11 ~ 2010. 11	VKMA 01269	
SUPERB (3U4) - 2.5 TDI	AYM	2496	2001. 12 ~ 2003. 08		
SUPERB (3U4) - 2.5 TDI	BDG	2496	2003. 06 ~ 2008. 03		
SUBARU	FORESTER (SF) - 2.0	EJ202	1994	1997. 08 ~ 2002. 09	VKMA 98109
	FORESTER (SF) - 2.0 S Turbo	EJ205	1994	1998. 06 ~ 2001. 04	VKMA 98114



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC 036 109 243 AG		036 109 244 C	GT70730	036 109 181A	GT30550		
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		06B 109 243 B 06B 109 243 E						06B 109 244	GT60510				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
								059 903 341J	GT70380				
								059 903 341J	GT70380				
		13033-AA042 13033-AA040	GT90845 GT90840					13073-AA190	GT90740	13085-AA010	GT90130	13073-AA142 13073-AA180	GT90280 GT90020
13033-AA042	GT90845							13073-AA142	GT90280	13073-AA200	GT60270	13085-AA010	GT90130

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SUBARU	FORESTER (SF) - 2.0 S Turbo	EJ205	1994	2001. 04 ~ 2002. 09	VKMA 98114
	FORESTER (SF) - 2.5 AWD	EJ251	2457	1997. 07 ~ 2002. 05	VKMA 98109
	FORESTER (SG) - 2.0	EJ201	1994	2002. 09 ~	VKMA 98109
	FORESTER (SG) - 2.0 S Turbo	EJ205	1994	2002. 09 ~	VKMA 98115
	FORESTER (SG) - 2.0 X	EJ204	1994	2005. 09 ~	VKMA 98115
	FORESTER (SG) - 2.5	EJ251	2457	2003. 12 ~	VKMA 98109
	FORESTER (SG) - 2.5 RX Nato AWD	EJ251 / EJ253	2457	2002. 11 ~ 2005. 08	VKMA 98109
	FORESTER (SG) - 2.5 XT	EJ255	2457	2005. 09 ~	VKMA 98115
	FORESTER (SH) - 2.0	EJ204	1994	2008. 01 ~	VKMA 98115
	FORESTER (SH) - 2.5 (DOHC)	EJ255	2457	2008. 06 ~	VKMA 98115
	IMPREZA Estate (GF) - 1.6	EJ16E	1597	1993. 01 ~ 1998. 08	VKMA 98000
	IMPREZA Estate (GF) - 1.6 i 4WD	EJ16E	1597	1992. 08 ~ 2000. 12	VKMA 98000
	IMPREZA Estate (GF) - 1.8 i	EJ18E	1820	1995. 11 ~ 1996. 06	VKMA 98000
	IMPREZA Estate (GF) - 1.8 i 4WD	EJ18E	1820	1992. 08 ~ 2000. 12	VKMA 98000
	IMPREZA Estate (GF) - 2.0 i 4WD	EJ20E	1994	1995. 12 ~ 2000. 12	VKMA 98000
	IMPREZA Estate (GF) - 2.2 GX AWD	EJ22E	2212	1995. 11 ~ 1998. 08	VKMA 98000
	IMPREZA Saloon (GC) - 1.6 i	EJ161	1597	1998. 06 ~ 2000. 12	VKMA 98109
	IMPREZA Saloon (GC) - 1.6 i	EJ16E	1597	1992. 08 ~ 2000. 12	VKMA 98000
	IMPREZA Saloon (GC) - 1.6 i 4WD	EJ161	1597	1998. 06 ~ 2000. 12	VKMA 98109
	IMPREZA Saloon (GC) - 1.6 i 4WD	EJ16E	1597	1992. 08 ~ 2000. 12	VKMA 98000
	IMPREZA Saloon (GC) - 1.8 i	EJ18E	1820	1995. 11 ~ 1996. 06	VKMA 98000
	IMPREZA Saloon (GC) - 1.8 i 4WD	EJ181	1820	1998. 08 ~ 2000. 12	VKMA 98109
	IMPREZA Saloon (GC) - 1.8 i 4WD	EJ18E	1820	1992. 08 ~ 2000. 12	VKMA 98000
	IMPREZA Saloon (GC) - 2.0 i 4WD	EJ201	1994	1998. 06 ~ 2100. 12	VKMA 98109
	IMPREZA Saloon (GC) - 2.0 i 4WD	EJ20E	1994	1995. 10 ~ 2000. 12	VKMA 98000
	IMPREZA Saloon (GC) - 2.0 Turbo GT 4WD	EJ205	1994	1998. 06 ~ 2000. 12	VKMA 98114
	IMPREZA Saloon (GD, GG) - 1.5	EL154	1498	2006. 05 ~	VKMA 98115
	IMPREZA Saloon (GD, GG) - 1.5 AWD	EL154	1498	2005. 10 ~	VKMA 98115
	IMPREZA Saloon (GD, GG) - 1.6 AWD	EJ161	1597	2000. 12 ~	VKMA 98109
	IMPREZA Saloon (GD, GG) - 2.0 i	EJ201	1994	2000. 12 ~	VKMA 98109
	IMPREZA Saloon (GD, GG) - 2.0 i R	EJ204	1994	2005. 09 ~	VKMA 98115
	IMPREZA Saloon (GD, GG) - 2.0 WRX Sti	EJ207	1994	2002. 09 ~ 2003. 08	VKMA 98115
IMPREZA Saloon (GD, GG) - 2.0 WRX Sti	EJ207	1994	2004. 02 ~ 2005. 07	VKMA 98115	
IMPREZA Saloon (GD, GG) - 2.0 WRX Turbo	EJ205	1994	2002. 09 ~ 2003. 08	VKMA 98115	
IMPREZA Saloon (GD, GG) - 2.5 AWD	EJ251	2457	2001. 03 ~ 2005. 09	VKMA 98109	
IMPREZA Saloon (GD, GG) - 2.5 i WRX	EJ255	2457	2005. 09 ~	VKMA 98115	
IMPREZA Saloon (GD, GG) - 2.5 WRX Sti	EJ257	2457	2005. 09 ~	VKMA 98115	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SUBARU	JUSTY I (KAD) - 1200	EF12	1190	1987. 05 ~ 1995. 10	VKM 98105
	JUSTY I (KAD) - 1200 4WD	EF12	1190	1986. 10 ~ 1990. 12	VKM 98105
	JUSTY I (KAD) - 1200 4WD	EF12	1190	1990. 10 ~ 1994. 12	VKM 98105
	LEGACY I (BC) - 1.6	EJ16A	1597	1989. 05 ~ 1993. 12	VKMA 98000
	LEGACY I (BC) - 1.8	EJ18E	1820	1989. 01 ~ 1993. 12	VKMA 98000
	LEGACY I (BC) - 1.8 4WD	EJ18E	1820	1989. 01 ~ 1991. 09	VKMA 98000
	LEGACY I (BC) - 2.0	EJ20E	1994	1991. 08 ~ 1993. 12	VKMA 98000
	LEGACY I (BC) - 2.0 Turbo 4WD	EJ20-GN	1994	1992. 05 ~ 1994. 07	VKMA 98000
	LEGACY I (BC) - 2.2 4WD	EJ20E	1994	1991. 08 ~ 1994. 07	VKMA 98000
	LEGACY I (BC) - 2.2 4WD	EJ22E	2212	1989. 01 ~ 1994. 07	VKMA 98000
	LEGACY I Estate (BC, BJF) - 1.8	EJ18E	1820	1989. 01 ~ 1994. 07	VKMA 98000
	LEGACY II (BD, BG) - 1.8 AWD	EJ18E	1820	1996. 05 ~ 1998. 09	VKMA 98000
	LEGACY II (BD, BG) - 2.0 i	EJ20E	1994	1994. 09 ~ 1999. 03	VKMA 98000
	LEGACY II Estate (BD, BG) - 2.2 i 4WD	EJ22E	2212	1994. 02 ~ 1998. 12	VKMA 98000
	LEGACY II Estate (BD, BG) - 2.5 i 4WD	EJ25D	2457	1996. 03 ~ 1998. 11	VKMA 98112
	LEGACY III (BE, BH) - 2.0	EJ201	1994	1999. 04 ~ 2003. 08	VKMA 98109
	LEGACY III (BE, BH) - 2.0 AWD	EJ206	1994	2002. 06 ~ 2003. 08	VKMA 98115
	LEGACY III (BE, BH) - 2.0 RSK AWD	EJ208	1994	2000. 08 ~ 2003. 08	VKMA 98115
	LEGACY III (BE, BH) - 2.5	EJ251	2457	1998. 10 ~ 2003. 08	VKMA 98109
	LEGACY III Estate (BE, BH) - 2.0	EJ201	1994	1998. 12 ~ 2003. 08	VKMA 98109
	LEGACY III Estate (BE, BH) - 2.0 AWD	EJ206	1994	2002. 06 ~ 2003. 08	VKMA 98115
	LEGACY III Estate (BE, BH) - 2.0 RSK AWD	EJ208	1994	2000. 08 ~ 2003. 08	VKMA 98115
	LEGACY III Estate (BE, BH) - 2.5	EJ251	2457	1998. 12 ~ 2003. 08	VKMA 98109
	LEGACY IV - 2.0	EJ202	1994	2003. 09 ~ 2005. 06	VKMA 98109
	LEGACY IV - 2.5	EJ253	2457	2003. 09 ~ 2009. 05	VKMA 98109
	LEGACY IV Estate (B13_) - 2.0	EJ20Y	1994	2005. 06 ~ 2009. 05	VKMA 98115
	LEGACY IV Estate (B13_) - 2.5 i	EJ255	2457	2008. 01 ~ 2009. 05	VKMA 98115
	LEGACY V - 2.0 i	EJ204	1994	2009. 09 ~	VKMA 98115
	LEGACY V - 2.5 GT	EJ255	2457	2010. 07 ~	VKMA 98115
	LEGACY V - 2.5 i	EJ253	2457	2009. 09 ~	VKMA 98109
	LEGACY V Estate - 2.5 i	EJ253	2457	2009. 09 ~	VKMA 98109
	LEONE II - 1300	EA65	1299	1984. 11 ~ 1991. 09	VKMA 98001
LEONE II - 1600	EA71	1595	1984. 11 ~ 1991. 09	VKMA 98001	
LEONE II - 1800 4WD	EA82	1781	1984. 11 ~ 1990. 12	VKMA 98001	
OUTBACK (BE, BH) - 2.5	EJ251	2457	2000. 10 ~ 2003. 08	VKMA 98109	
OUTBACK (BG) - 2.5	EJ25D	2457	1996. 01 ~ 1999. 12	VKMA 98112	
OUTBACK (BL, BP) - 2.5	EJ252	2457	2003. 11 ~ 2009. 09	VKMA 98109	





# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SUBARU	VIVIO - 0.7	EN07E	658	1992. 08 ~ 1998. 12	
	VIVIO - 660 4WD	EN07E	658	1992. 03 ~ 1995. 10	
	IMPREZA Coupe (GFC) - 1.6	EJ16E	1597	1996. 12 ~ 2000. 12	
	IMPREZA Coupe (GFC) - 1.6 4WD	EJ16E	1597	1996. 12 ~ 2000. 12	
	IMPREZA Estate (GF) - 1.6	EJ16E	1597	1993. 01 ~ 1998. 08	
	IMPREZA Estate (GF) - 1.6 i 4WD	EJ16E	1597	1992. 08 ~ 2000. 12	
	IMPREZA Saloon (GC) - 1.6 i	EJ16E	1597	1992. 08 ~ 2000. 12	
	IMPREZA Saloon (GC) - 1.6 i 4WD	EJ16E	1597	1992. 08 ~ 2000. 12	
	LEGACY I (BC) - 1.6	EJ16A	1597	1989. 05 ~ 1993. 12	
	LEGACY I (BC) - 1.8	EJ18E	1820	1989. 01 ~ 1993. 12	
	LEGACY I (BC) - 1.8 4WD	EJ18E	1820	1989. 01 ~ 1991. 09	
	LEGACY I (BC) - 2.0	EJ20E	1994	1991. 08 ~ 1993. 12	
	LEGACY I (BC) - 2.0 4WD	EJ20E	1994	1991. 08 ~ 1994. 07	
	LEGACY I (BC) - 2.0 Turbo 4WD	EJ20E	1994	1992. 05 ~ 1994. 07	
	LEGACY I (BC) - 2.2 4WD	EJ22E	2212	1989. 01 ~ 1994. 07	
	FORESTER (SF) - 2.0	EJ202 / EJ20J	1994	1997. 08 ~ 2002. 09	
	FORESTER (SF) - 2.0 S Turbo	EJ205	1994	1998. 06 ~ 2001. 04	
	FORESTER (SG) - 2.0	EJ201	1994	2002. 09 ~	
	FORESTER (SG) - 2.0 X	EJ204	1994	2005. 09 ~	
	FORESTER (SG) - 2.0 S Turbo	EJ205	1994	2002. 09 ~	
	FORESTER (SG) - 2.5 RX Nato AWD	EJ251 / EJ253	2457	2002. 11 ~ 2005. 08	
	IMPREZA Coupe (GFC) - 1.6	EJ161	1597	1998. 09 ~ 2000. 09	
	IMPREZA Coupe (GFC) - 2.0 i	EJ20E	1994	1995. 11 ~ 2000. 09	
IMPREZA Coupe (GFC) - 2.0 4WD	EJ20E	1994	1995. 12 ~ 2000. 12		
SUZUKI	ALTO II (EC) - 0.8 (SB308/CA)	F8B	796	1986. 01 ~ 1993. 11	VKMA 96000
	ALTO III (EF) - 1.0 (Carburettor)	G10BB	993	2000. 01 ~ 2002. 06	VKMA 96218
	ALTO III (EF) - 1.0 (Petrol Injection)	G10BB	993	2000. 01 ~ 2002. 06	VKMA 96214
	ALTO III (EF) - 1.0(SH410)	G10BB	993	1994. 09 ~ 2002. 06	VKMA 96218
	APV (GD) - 1.5	G15A	1493	2005. 06 ~	VKMA 96002
	APV (GD) - 1.6 16V	G16A	1590	2005. 06 ~	VKMA 96002
	BALENO (EG) - 1.3	G13BA	1298	1996. 09 ~ 2002. 05	VKMA 96214
	BALENO (EG) - 1.3 i 16V	G13BB	1298	1995. 07 ~ 2002. 05	VKMA 96214
	BALENO (EG) - 1.5	G15A	1493	1995. 03 ~ 1998. 08	VKMA 96002
	BALENO (EG) - 1.6 i 16V	G16B	1590	1995. 07 ~ 2002. 05	VKMA 96002
	BALENO (EG) - 1.6 i 16V 4x4	G16B	1590	1995. 07 ~ 2002. 05	VKMA 96002
	BALENO Hatchback (EG) - 1.3	G13BA	1298	1996. 09 ~ 2002. 05	VKMA 96214
	BALENO Hatchback (EG) - 1.3 i 16V	G13BB	1298	1995. 07 ~ 2002. 05	VKMA 96214



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13070-KA073	GT90290												
13070-KA073	GT90290												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
73014-AA010	GT90970												
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
								73131-AC000	GTA0940				
12810-53A00	GT80120												
12810-84001	GT80080												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SUZUKI	BALENO Hatchback (EG) - 1.6 i 16V	G16B	1590	1995. 07 ~ 2002. 05	VKMA 96002
	BALENO Hatchback (EG) - 1.6 i 16V 4x4	G16B	1590	1995. 07 ~ 2002. 05	VKMA 96002
	CAPPUCINO (EA) - 0.7 (EA11)	F6A	657	1992. 02 ~ 1995. 08	VKMA 96206
	CARRY Box (FD) - 1.3	G13BB	1298	1999. 03 ~	VKMA 96214
	CARRY Box (FD) - 1.3 16 V	G13BB	1298	2000. 03 ~	VKMA 96214
	CARRY Box (FD) - 1.3 4x4	G13BB	1298	1999. 02 ~ 2004. 09	VKMA 96214
	GRAND VITARA I (FT, GT) - 1.6	G16B	1590	1998. 03 ~ 2003. 07	VKMA 96002
	GRAND VITARA I (FT, GT) - 2.0 TD (SQ420WD,SQ420WD-2)	RF	1998	1998. 03 ~ 2003. 07	VKMA 96010
	JIMNY (FJ) - 1.3 16V	G13BB	1298	1998. 09 ~	VKMA 96214
	JIMNY (FJ) - 1.3 16V 4WD	G13BB	1298	1998. 09 ~	VKMA 96214
	JIMNY (FJ) - 1.3 4x4	G13BB	1298	1998. 09 ~ 2000. 08	VKMA 96214
	SAMURAI (SJ) - 1.0 All-wheel Drive (SJ 410)	F10A	970	1986. 01 ~ 1993. 11	VKMA 96000
	SAMURAI (SJ) - 1.3 (SJ413-4 / SJ413-5 / SJ413-6)	G13BA	1298	1988. 11 ~ 2004. 12	VKMA 96202
	SAMURAI (SJ) - 1.3 (SJ413-7)	G13BA	1324	1988. 11 ~ 2004. 12	VKMA 96208
	SAMURAI (SJ) - 1.3 (SJ413-8, SV413-9)	G13BA	1324	1988. 11 ~ 2004. 12	VKMA 96218
	SAMURAI (SJ) - 1.3 All-wheel Drive (SJ413-8, SJ413-9)	G13BA	1298	1988. 11 ~ 2004. 12	VKMA 96218
	SWIFT I (AA) - 1.0 (SA310, AA41/43)	G10	993	1983. 10 ~ 1989. 03	VKMA 96202
	SWIFT I (AA) - 1.0 Turbo (SA310)	G10T	993	1985. 02 ~ 1989. 12	VKMA 96202
	SWIFT I (AA) - 1.3 (SA413, AA51) SOHC	G13A	1324	1984. 10 ~ 1989. 03	VKMA 96202
	SWIFT I (AA) - 1.3 GTi/GXi (SA413, AA33) DOHC	G13B	1298	1985. 08 ~ 1989. 03	VKMA 96201
	SWIFT II Hatchback (EA, MA) - 1.0 (SF310, AA44)	G10A	993	1989. 03 ~ 2001. 05	VKMA 96224
	SWIFT II Hatchback (EA, MA) - 1.0 (SF310,SF310-2,AA44)	G10A	993	1989. 03 ~ 2001. 05	VKMA 96203
	SWIFT II Hatchback (EA, MA) - 1.0 i (SF310, AA44)	G10A	993	1991. 09 ~ 2004. 05	VKMA 96224
	SWIFT II Hatchback (EA, MA) - 1.0 i (SF310, AA44)	G10A	993	1989. 03 ~ 1991. 12	VKMA 96224
	SWIFT II Hatchback (EA, MA) - 1.3 (SF413, AB35) SOHC	G13BA	1298	1989. 03 ~ 2001. 05	VKMA 96202
	SWIFT II Hatchback (EA, MA) - 1.3 GTi (SF413, AA34) DOHC	G13B	1298	1989. 03 ~ 2001. 05	VKMA 96200
	SWIFT II Hatchback (EA, MA) - 1.6 4x4	G16B	1590	1989. 03 ~ 1996. 10	VKMA 96002
	SWIFT II Saloon (AH, AJ) - 1.6 i (SF416, AH14)	G16B	1590	1990. 01 ~ 2001. 05	VKMA 96002
	SWIFT II Saloon (AH, AJ) - 1.6 i 4WD (SF416, AJ14)	G16B	1590	1990. 01 ~ 2001. 05	VKMA 96002
	VITARA (ET, TA) - 1.6 (ET)	G16A	1589	1988. 07 ~ 1991. 12	VKMA 96204
	VITARA (ET, TA) - 1.6 (TA, TA01)	G16A	1589	1988. 07 ~ 1998. 03	VKMA 96204
	VITARA (ET, TA) - 1.6 i 16V (ET, TA02)	G16B	1589	1990. 07 ~ 1998. 03	VKMA 96002
	VITARA (ET, TA) - 2.0 TD (ET)	RF	1998	1994. 12 ~ 1998. 03	VKMA 96010
VITARA (ET, TA) - 2.0 TD Intercooler (ET)	RF	1998	1995. 12 ~ 1998. 03	VKMA 96010	
VITARA Cabrio (ET, TA) - 1.6	G16A	1589	1988. 07 ~ 1995. 01	VKMA 96204	
VITARA Cabrio (ET, TA) - 1.6 i 16V	G16B	1589	1990. 07 ~ 1999. 03	VKMA 96002	
WAGON R+ (EM) - 1.0 (MA61)	K10A	996	1998. 02 ~ 2000. 05	VKMA 96214	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-81402	GT90580												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-78E01	GT80450												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-53A00	GT80120												
12810-84001	GT80080												
12810-82003	GT80320												
12810-82003	GT80320												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-82003	GT80320												
12810-82003	GT80320												
12810-82003	GT80320												
12810-82003	GT80320												
12810-86501	GT80310												
12810-53B01	GT80940												
12810-86501	GT80310												
12810-53B01	GT80940												
12810-53B01	GT80940												
12810-53B01	GT80940												
12810-82003	GT80320												
12810-53B01	GT80940												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-82003	GT80320												
12810-82003	GT80320												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-78E01	GT80450												
12810-78E01	GT80450												
12810-82003	GT80320												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
SUZUKI	WAGON R+ (MM) - 1.3	G13BB	1298	2000. 05 ~	VKMA 96214
	WAGON R+ (MM) - 1.3 4WD	G13BB	1298	2001. 10 ~	VKMA 96214
	X-90 (EL) - 1.6 i 16V	G16B	1590	1995. 09 ~ 1997. 12	VKMA 96002
	X-90 (EL) - 1.6 i 16V 4x4	G16B	1590	1995. 09 ~ 1997. 12	VKMA 96002
	BALENO (EG) - 1.3 i 16V	G13BB	1298	1995. 07 ~ 2002. 05	
	BALENO (EG) - 1.6 i 16V	G16B	1590	1995. 07 ~ 2002. 05	
	GRAND VITARA I (FT, GT) - 2.0 HDI 110 16V	RHW	1997	2001. 07 ~ 2005. 09	
	SWIFT II Hatchback (EA, MA) - 1.0 (SF310, AA44)	G10A	993	1989. 03 ~ 2001. 05	
	SWIFT II Hatchback (EA, MA) - 1.3 (SF413, AB35)	G13BA	1298	1989. 03 ~ 2001. 05	
	IGNIS (FH) - 1.3	M13A	1328	2000. 10 ~ 2003. 09	
	IGNIS (FH) - 1.3 4WD	M13A	1328	2000. 10 ~ 2003. 09	
	IGNIS II - 1.3	M13A	1328	2003. 09 ~	
	IGNIS II - 1.3 4x4	M13A	1328	2003. 09 ~	
	IGNIS II - 1.5	M15A	1490	2003. 09 ~	
	IGNIS II - 1.5 4x4	M15A	1490	2003. 09 ~	
	JIMNY (FJ) - 1.3 16V	G13BB	1298	1998. 09 ~	
	JIMNY (FJ) - 1.3 16V 4WD	G13BB	1298	1998. 09 ~	
TALBOT	HORIZON - 1.9 Diesel	XUD9	1905	1984. 07 ~ 1986. 06	VKMA 03240
	HORIZON - 1.9 Diesel	XUD9	1905	1982. 07 ~ 1986. 06	VKMA 03240
TOYOTA	4 RUNNER - 3.0 Turbo-D (KZN 130)	1KZ-T	2982	1993. 10 ~ 1996. 03	VKMA 91713
	4 RUNNER (RN10, VZN13, VZN10, RN13_) - 3.4 i	5VZ-FE	3378	1995. 11 ~ 1996. 03	VKMA 91704
	4 RUNNER (RN10_, VZN13_, VZN10_, RN13_) - 3.0	3VZ-E	2959	1990. 01 ~ 1992. 07	
	AVALON Saloon (MCX1) - 3.0 (MCX20)	1MZ-FE	2995	1995. 03 ~ 2005. 05	VKMA 91011
	AVENSIS (T22) - 1.6 (AT220)	4A-FE	1587	1997. 09 ~ 2000. 10	VKMA 91005
	AVENSIS (T22) - 1.8 (AT221)	7A-FE	1762	1997. 09 ~ 2000. 10	VKMA 91006
	AVENSIS (T22) - 2.0 (ST220)	3S-FE	1998	1997. 09 ~ 2000. 10	VKMA 91003
	AVENSIS (T22) - 2.0 D-4D (CDT220)	1CD-FTV	1995	1999. 10 ~ 2003. 02	VKMA 91303
	AVENSIS (T22) - 2.0 TD (CT220)	2C-TE	1975	1997. 09 ~ 2003. 02	VKMA 91720
	AVENSIS (T25) - 2.0 D-4D	1CD-FTV	1995	2003. 04 ~ 2006. 04	VKMA 91303
	AVENSIS Liftback (T22) - 1.6 (AT220)	4A-FE	1587	1997. 09 ~ 2000. 10	VKMA 91005
	AVENSIS Liftback (T22) - 1.8 (AT221)	7A-FE	1762	1997. 09 ~ 2000. 10	VKMA 91006
	AVENSIS Liftback (T22) - 2.0 (ST220)	3S-FE	1998	1997. 09 ~ 2000. 10	VKMA 91003
	AVENSIS Liftback (T22) - 2.0 D-4D (CDT220)	1CD-FTV	1995	1999. 10 ~ 2003. 02	VKMA 91303
	AVENSIS Liftback (T22) - 2.0 TD (CT220)	2C-TE	1975	1997. 09 ~ 2003. 02	VKMA 91720
	AVENSIS Saloon (T25) - 2.0 D-4D	1CD-FTV	1995	2003. 04 ~ 2008. 11	VKMA 91303
	AVENSIS Station Wagon (T22) - 1.6 (AT220)	4A-FE	1587	1997. 09 ~ 2000. 10	VKMA 91005
	AVENSIS Station Wagon (T22) - 1.8 (AT221)	7A-FE	1762	1997. 09 ~ 2000. 10	VKMA 91006



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
12810-71C02	GT80640												
12810-71C02	GT70870												
								49160-50G10	GT50700				
								49160-50G10	GT50700				
								49160-50G10	GT50700				
								49160-50G10	GT50700				
								49160-50G10	GT50700				
49160-70AA0	GTA0950												
49160-70AA0	GTA0950												
49160-70AA0	GTA0950												
49160-70AA0	GTA0950												
49160-70AA0	GTA0950												
49160-70AA0	GTA0950												
49160-70AA0	GTA0950												
49160-70AA0	GTA0950												
0829.11	GT60130							0830.02	GT60140				
0829.11	GT60130							0830.02	GT60140				
13505-67050	GT60210												
13505-62070	GT90450							13503-62040	GT90460				
13505-65020	GT80600							13503-65010	GT90440				
13505-20010	GT80680							13503-62030	GT80540				
13505-15050	GT80430												
13505-15050	GT80430												
13505-74011	GT80020							13503-63010	GT80030				
13505-27010	GT60760							13503-27010	GT70330				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-27010	GT60760							13503-27010	GT70330				
13505-15050	GT80430												
13505-15050	GT80430												
13505-74011	GT80020							13503-63010	GT80030				
13505-27010	GT60760							13503-27010	GT70330				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-27010	GT60760							13503-27010	GT70330				
13505-15050	GT80430												
13505-15050	GT80430												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
TOYOTA	AVENSIS Station Wagon (T22) - 2.0 (ST220)	3S-FE	1998	1997. 09 ~ 2000. 10	VKMA 91003
	AVENSIS Station Wagon (T22) - 2.0 D-4D (CDT220)	1CD-FTV	1995	1999. 10 ~ 2003. 02	VKMA 91303
	AVENSIS Station Wagon (T22) - 2.0 TD (CT220)	2C-TE	1975	1997. 09 ~ 2003. 02	VKMA 91720
	CAMRY (CV1, XV1, V1) - 3.0 (MCV10)	1MZ-FE	2958	1993. 02 ~ 1995. 09	VKMA 91011
	CAMRY (CV1, XV1, V1) - 3.0 (VCV10)	3VZ-FE	2959	1991. 06 ~ 1996. 08	VKMA 91001
	CAMRY (MCV3_, ACV3_, _XV3_) - 3.0	1MZ-FE	2995	2002. 09 ~ 2006. 01	VKMA 91304
	CAMRY (MCV3_, ACV3_, _XV3_) - 3.0 V6	1MZ-FE	2995	2001. 11 ~ 2006. 01	VKMA 91304
	CAMRY (V1) - 2.2 (SXV10)	5S-FE	2164	1991. 06 ~ 1996. 08	VKMA 91003
	CAMRY (V2) - 1.8 i (SV20)	1S-L	1832	1986. 10 ~ 1988. 08	VKMA 91101
	CAMRY (V2) - 2.0	3S-FE	1998	1989. 09 ~ 1991. 06	VKMA 91003
	CAMRY (V2) - 2.0 Gi 16V (SV21, SV25)	3S-FE	1998	1986. 11 ~ 1991. 05	VKMA 91003
	CAMRY (V2) - 2.0 GLi 4WD	3S-FE	1998	1987. 10 ~ 1988. 07	VKMA 91003
	CAMRY (V2) - 2.0 Turbo-D (CV20)	2C-T	1975	1986. 11 ~ 1991. 05	VKMA 91720
	CAMRY (V2) - 2.2 (SXV20)	5S-FE	2164	2000. 11 ~ 2001. 11	VKMA 91003
	CAMRY (V2) - 2.2 (SXV20)	S-FE	2164	1996. 08 ~ 2001. 11	VKMA 91003
	CAMRY Liftback (V1) - 1.8	1S-L	1832	1983. 02 ~ 1986. 10	VKMA 91101
	CAMRY Liftback (V1) - 1.8 Turbo-D	1C-TL	1840	1984. 10 ~ 1988. 01	VKMA 91720
	CAMRY Liftback (V1) - 2.0	2S-EL	1995	1983. 01 ~ 1986. 07	VKMA 91101
	CAMRY Saloon (V1) - 1.8	1S-L	1832	1983. 02 ~ 1986. 10	VKMA 91101
	CAMRY Saloon (V1) - 1.8 Turbo-D	1C-TL	1840	1983. 11 ~ 1988. 01	VKMA 91720
	CAMRY Saloon (V1) - 2.0	2S-E/2S-ELC	1995	1986. 04 ~ 1986. 07	VKMA 91101
	CAMRY Saloon (V1) - 2.0 TD	2C-TL	1974	1985. 09 ~ 1986. 10	VKMA 91720
	CAMRY SOLARA Convertible (MCV3_, ACV3_) - 3.0	1MZ-FE	2995	2004. 02 ~ 2006. 01	VKMA 91304
	CAMRY SOLARA Coupe (MCV3_, ACV3_) - 3.0	1MZ-FE	2995	2003. 07 ~ 2006. 01	VKMA 91304
	CAMRY Station Wagon (V2) - 1.8 (SV20)	1S	1832	1986. 11 ~ 1988. 08	VKMA 91101
	CAMRY Station Wagon (V2) - 2.0 Turbo-D (CV20)	2C-T	1975	1986. 11 ~ 1991. 05	VKMA 91720
	CARINA (TA4L, TA6L) - 1.8 D	1C	1840	1982. 04 ~ 1983. 09	VKMA 91720
	CARINA E (T19) - 1.6 (AT190)	4A-FE	1587	1993. 12 ~ 1997. 09	VKMA 91005
	CARINA E (T19) - 1.6 16V	4A-FE	1587	1995. 10 ~ 1997. 09	VKMA 91005
	CARINA E (T19) - 1.6 GLI (AT190)	4A-FE	1587	1992. 04 ~ 1997. 09	VKMA 91005
	CARINA E (T19) - 1.8 (AT191)	7A-FE	1762	1995. 01 ~ 1997. 09	VKMA 91006
	CARINA E (T19) - 2.0 D (CT190)	2C	1975	1992. 04 ~ 1996. 01	VKMA 91720
	CARINA E (T19) - 2.0 GLI (ST191)	3S-FE	1998	1992. 04 ~ 1997. 09	VKMA 91003
	CARINA E (T19) - 2.0 GTi (ST191)	3S-GE	1998	1992. 04 ~ 1994. 02	VKMA 91013
CARINA E (T19) - 2.0 GTi 16V (ST191)	3S-GE	1998	1994. 03 ~ 1997. 09	VKMA 91021	
CARINA E (T19) - 2.0 TD (CT190)	2C-T	1975	1996. 01 ~ 1997. 09	VKMA 91720	
CARINA E Saloon (T19) - 1.6 (AT190)	4A-FE	1587	1995. 01 ~ 1997. 09	VKMA 91005	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-74011	GT80020							13503-63010	GT80030				
13505-27010	GT60760							13503-27010	GT70330				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-20010	GT80680							13503-62030	GT80540				
13505-20010	GT80680												
13505-20030	GT60630							13503-62030	GT80540				
13505-20030	GT60630							13503-62030	GT80540				
13505-74011	GT80020							13503-63010	GT80030				
13505-63021	GT80370							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-74011	GT80020							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-63021	GT80370							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-63021	GT80370							13503-63010	GT80030				
13505-63021	GT80370							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-63021	GT80370							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-20030	GT60630							13503-62030	GT80540				
13505-20030	GT60630							13503-62030	GT80540				
13505-63021	GT80370							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-63021	GT80370							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-74011	GT80020							13503-63010	GT80030				
13505-88383	GT90820							13503-63010	GT80030				
13505-88480	GT90670							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-15050	GT80430												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
TOYOTA	CARINA E Saloon (T19) - 1.6 16V (AT190)	4A-FE	1587	1994. 12 ~ 1997. 09	VKMA 91005
	CARINA E Saloon (T19) - 1.8	7A-FE	1762	1992. 04 ~ 1997. 09	VKMA 91006
	CARINA E Saloon (T19) - 1.8 i 16V (AT191)	7A-FE	1762	1995. 01 ~ 1997. 09	VKMA 91006
	CARINA E Saloon (T19) - 2.0 (ST191)	3S-FE	1998	1993. 01 ~ 1997. 09	VKMA 91003
	CARINA E Saloon (T19) - 2.0 D (CT190)	2C	1975	1992. 08 ~ 1996. 01	VKMA 91720
	CARINA E Saloon (T19) - 2.0 GTi 16V (ST191)	3S-GE	1998	1994. 03 ~ 1997. 09	VKMA 91021
	CARINA E Saloon (T19) - 2.0 i (ST191)	3S-FE	1998	1992. 12 ~ 1997. 09	VKMA 91003
	CARINA E Saloon (T19) - 2.0 TD (CT190_)	2C-T	1975	1996. 01 ~ 1997. 09	VKMA 91720
	CARINA E Sportswagon [_T19_] - 1.6	4A-FE	1587	1992. 04 ~ 1997. 09	VKMA 91005
	CARINA E Sportswagon (T19) - 1.6 GLI (AT190)	4A-FE	1587	1993. 01 ~ 1997. 09	VKMA 91005
	CARINA E Sportswagon (T19) - 1.6 i (AT190)	4A-FE	1587	1995. 02 ~ 1997. 09	VKMA 91005
	CARINA E Sportswagon (T19) - 1.8 i (AT191)	7A-FE	1762	1995. 02 ~ 1997. 09	VKMA 91006
	CARINA E Sportswagon (T19) - 2.0 D (CT190)	2C	1975	1993. 01 ~ 1996. 01	VKMA 91720
	CARINA E Sportswagon (T19) - 2.0 GLI (ST191)	3S-FE	1998	1993. 01 ~ 1997. 09	VKMA 91003
	CARINA E Sportswagon (T19) - 2.0 i (ST191)	3S-FE	1998	1995. 05 ~ 1997. 09	VKMA 91003
	CARINA E Sportswagon (T19) - 2.0 TD (CT190)	2C-T	1975	1996. 01 ~ 1997. 09	VKMA 91720
	CARINA II - 1.6 (AT151)	4A-LC	1587	1983. 10 ~ 1987. 11	VKMA 91202
	CARINA II - 1.6 (AT171)	4A-FE	1587	1987. 12 ~ 1992. 03	VKMA 91702
	CARINA II (T15) - 1.8 GLI (ST150)	1S-L	1832	1983. 10 ~ 1987. 11	VKMA 91101
	CARINA II (T15) - 2.0 D	2C-L	1974	1984. 02 ~ 1988. 05	VKMA 91720
	CARINA II (T17) - 2.0 GLI (ST171)	3S-FE	1998	1987. 12 ~ 1992. 03	VKMA 91003
	CARINA II Saloon - 1.6 (AT151)	4A-LC	1587	1983. 10 ~ 1987. 11	VKMA 91202
	CARINA II Saloon - 1.6 (AT171)	4A-F	1587	1987. 12 ~ 1990. 08	VKMA 91702
	CARINA II Saloon (T15) - 1.8 GLI (ST150)	1S-EL	1832	1983. 10 ~ 1987. 11	VKMA 91101
	CARINA II Saloon (T15) - 2.0 D	2C-L	1974	1984. 02 ~ 1988. 05	VKMA 91720
	CARINA II Saloon (T17) - 2.0	3S-FE	1998	1987. 12 ~ 1992. 03	VKMA 91003
	CARINA II Saloon (T17) - 2.0 D	2C	1974	1988. 03 ~ 1992. 06	VKMA 91720
	CARINA II Station Wagon (T17) - 2.0 D (CT170)	2C-L	1975	1987. 12 ~ 1992. 01	VKMA 91720
	CARINA Station Wagon (TA4K, TA6K) - 1.8 D	1C	1840	1982. 04 ~ 1983. 09	VKMA 91720
	CELICA (ST20, AT20) - 1.8 i 16V (AT200/ST)	7A-FE	1762	1993. 11 ~ 1999. 11	VKMA 91006
	CELICA (ST20, AT20) - 2.0 i 16V	3S-GE	1998	1996. 04 ~ 1999. 11	VKMA 91021
	CELICA (ST20, AT20) - 2.0 i 16V (ST202/GT)	3S-GE	1998	1993. 11 ~ 1999. 11	VKMA 91021
	CELICA (ST20, AT20) - 2.0 i Turbo 4WD (ST205)	3S-GTE	1998	1994. 02 ~ 1999. 11	VKMA 91021
	CELICA Convertible (AT20, ST20) - 2.0 i 16V	3S-GE	1998	1993. 11 ~ 1999. 08	VKMA 91021
	CELICA Convertible (ST16, AT16) - 2.0 GT (ST162)	3S-FE	1998	1985. 08 ~ 1989. 08	VKMA 91003
	CELICA Convertible (ST16, AT16) - 2.0 GT (ST162)	3S-FE	1998	1986. 10 ~ 1989. 08	VKMA 91003
	CELICA Coupe - 1.6 STi (AT180)	4A-FE	1587	1989. 10 ~ 1993. 11	VKMA 91702



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-74011	GT80020							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-88480	GT90670							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-74011	GT80020							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-15041	GT80010												
13505-15041	GT80010												
13505-63021	GT80370							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-74011	GT80020							13503-63010	GT80030				
13505-15041	GT80010												
13505-15041	GT80010												
13505-63021	GT80370							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-74011	GT80020							13503-63010	GT80030				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-15050	GT80430												
13505-88480	GT90670							13503-63010	GT80030				
13505-88480	GT90670							13503-63010	GT80030				
13505-88480	GT90670							13503-63010	GT80030				
13505-88480	GT90670							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-15041	GT80010												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
TOYOTA	CELICA Coupe - 1.6(AA63)	4A-GE	1587	1983. 12 ~ 1985. 12	VKMA 91401
	CELICA Coupe (A6) - 2.0 (SA63)	2S-C	1995	1983. 10 ~ 1984. 08	VKMA 91101
	CELICA Coupe (AT18, ST18) - 2.0 GTi (ST18#)	3S-GE	1998	1989. 10 ~ 1993. 11	VKMA 91013
	CELICA Coupe (AT18, ST18) - 2.0 Turbo 4WD (ST18#)	3S-GTE	1998	1989. 10 ~ 1993. 11	VKMA 91013
	CELICA Coupe (AT18, ST18) - 2.2 (ST184)	5S-FE	2164	1989. 10 ~ 1993. 10	VKMA 91003
	CELICA Coupe (ST16, AT16) - 2.0 Turbo 4WD	3S-GTE	1998	1988. 03 ~ 1989. 08	VKMA 91302
	CELICA Hatchbac - 1.6 GT (AT160)	4A-GELC	1587	1987. 08 ~ 1989. 08	VKMA 91202
	CELICA Hatchback - 1.6 (AT160)	4A-L	1588	1986. 04 ~ 1989. 08	VKMA 91202
	CELICA Hatchback - 1.6 GT 16V (AT160)	4A-GEL	1587	1985. 09 ~ 1989. 08	VKMA 91202
	CELICA Hatchback (ST16, AT16) - 2.0 GT	3S-GEL	1998	1985. 08 ~ 1989. 08	VKMA 91302
	COROLLA - 1.3 XLI (EE10#)	4E-FE	1332	1995. 09 ~ 1997. 04	VKMA 91400
	COROLLA - 1.3 XLI 16V (EE10#)	4E-FE	1332	1992. 07 ~ 1995. 09	VKMA 91400
	COROLLA - 1.4 (EE111)	4E-FE	1332	1997. 04 ~ 2000. 02	VKMA 91400
	COROLLA - 1.6 I (AE9#)	4A-FE	1587	1989. 11 ~ 1993. 06	VKMA 91702
	COROLLA (_E11_) - 2.0 D (CE110_)	2C-E	1975	1997. 04 ~ 2000. 02	VKMA 91720
	COROLLA (_E8_) - 1.8 D	1C	1840	1983. 06 ~ 1988. 05	VKMA 91720
	COROLLA (E10) - 1.3 12V (EE100)	2E	1296	1992. 07 ~ 1997. 04	VKMA 91201
	COROLLA (E10) - 1.6	4A-FE	1587	1992. 07 ~ 1995. 07	VKMA 91005
	COROLLA (E10) - 2.0 D (CE100)	2C	1975	1992. 07 ~ 1997. 04	VKMA 91720
	COROLLA (E11) - 1.3	2E	1295	1997. 05 ~ 2001. 10	VKMA 91201
	COROLLA (E11) - 1.6 (AE111)	4A-FE	1587	1997. 04 ~ 2000. 02	VKMA 91005
	COROLLA (E11) - 1.6 Aut. (AE111)	4A-FE	1587	1997. 04 ~ 2000. 02	VKMA 91005
	COROLLA (E11) - 2.0 D-4D	1CD-FTV	1995	2000. 08 ~ 2001. 09	VKMA 91303
	COROLLA (E12,E12,E12) - 2.0 D-4D	1CD-FTV	1995	2002. 01 ~ 2006. 12	VKMA 91303
	COROLLA (E8) - 1.3	2E	1295	1986. 05 ~ 1987. 04	VKMA 91201
	COROLLA (E8) - 1.3 (AE80/EE80)	2E-L / 2E-LC	1295	1986. 05 ~ 1987. 08	VKMA 91201
	COROLLA (E9) - 1.3 i (EE90)	2E / 2E-E	1296	1987. 08 ~ 1992. 06	VKMA 91201
	COROLLA (E9) - 1.8 D	1C	1840	1987. 07 ~ 1993. 06	VKMA 91720
	COROLLA Compact - 1.3 XLI (EE10#)	4E-FE	1332	1995. 09 ~ 1997. 04	VKMA 91400
	COROLLA Compact - 1.3 XLI 16V (EE10#)	4E-FE	1332	1992. 07 ~ 1995. 09	VKMA 91400
	COROLLA Compact - 1.4 (EE111)	4E-FE	1332	1997. 04 ~ 2000. 02	VKMA 91400
	COROLLA Compact (_E10_) - 2.0 D (CE100)	2C	1975	1992. 07 ~ 1997. 04	VKMA 91720
	COROLLA Compact (E10) - 1.3 12V (EE100)	2E	1296	1992. 07 ~ 1995. 05	VKMA 91201
COROLLA Compact (E10) - 1.6 Si (AE101)	4A-FE	1587	1992. 07 ~ 1997. 04	VKMA 91005	
COROLLA Compact (E10) - 1.8 GT (AE102)	7A-FE	1762	1992. 11 ~ 1995. 05	VKMA 91006	
COROLLA Compact (E11) - 1.6 (AE111)	4A-FE	1587	1997. 06 ~ 2000. 02	VKMA 91005	
COROLLA Compact (E11) - 1.6 Aut. (AE111)	4A-FE	1587	1997. 04 ~ 2000. 02	VKMA 91005	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-16020	GT80630												
13505-63021	GT80370							13503-63010	GT80030				
13505-88383	GT90820							13503-63010	GT80030				
13505-88383	GT90820							13503-63010	GT80030				
13505-74011	GT80020							13503-63010	GT80030				
13505-74030	GT90810							13503-63010	GT80030				
13505-15041	GT80010												
13505-15041	GT80010												
13505-15041	GT80010												
13505-74030	GT90810							13503-63010	GT80030				
13505-11040	GT80420							13503-11030					
13505-11040	GT80420							13503-11030					
13505-11040	GT80420							13503-11030					
13505-15041	GT80010												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830							13503-64021	GT90240				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830							13503-64021	GT90240				
13505-11010	GT80700							13503-10011	GT80730				
13505-15050	GT80430												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830							13503-64021	GT90240				
13505-11010	GT80700							13503-10011	GT80730				
13505-15050	GT80430												
13505-15050	GT80430												
13505-27010	GT60760							13503-27010	GT70330				
13505-27010	GT60760							13503-27010	GT70330				
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830							13503-64021	GT90240				
13505-11040	GT80420							13503-11030					
13505-11040	GT80420							13503-11030					
13505-11040	GT80420							13503-11030					
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830							13503-64021	GT90240				
13505-11010	GT80700							13503-10011	GT80730				
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
TOYOTA	COROLLA Compact (E11) - 2.0 D (CE110)	2C-E	1975	1997. 04 ~ 2000. 02	VKMA 91720
	COROLLA Compact (E11) - 2.0 D-4D	1CD-FTV	1995	2000. 09 ~ 2002. 01	VKMA 91303
	COROLLA Compact (E9) - 1.8 D (CE90)	1C	1840	1987. 08 ~ 1992. 04	VKMA 91720
	COROLLA Estate (E12J) - 2.0 D-4D	1CD-FTV	1995	2002. 01 ~ 2004. 06	VKMA 91303
	COROLLA FX Compact (E8B) - 1.3	2E-L	1295	1986. 05 ~ 1987. 08	VKMA 91201
	COROLLA FX Compact (E8B) - 1.6	4A-LC	1587	1987. 01 ~ 1987. 09	VKMA 91202
	COROLLA Liftback - 1.3 (AE8#)	2A-L	1296	1983. 06 ~ 1984. 09	VKMA 91202
	COROLLA Liftback - 1.3 XLI (EE10#)	4E-FE	1332	1992. 07 ~ 1997. 04	VKMA 91400
	COROLLA Liftback - 1.4 (EE111)	4E-FE	1332	1997. 04 ~ 2000. 02	VKMA 91400
	COROLLA Liftback - 1.6 (AE71, AE82, AE86)	4A-L	1587	1985. 07 ~ 1988. 05	VKMA 91202
	COROLLA Liftback - 1.6 (AE82)	4A-LC	1587	1985. 08 ~ 1987. 08	VKMA 91202
	COROLLA Liftback - 1.6 (AE82)	4A-L	1588	1983. 06 ~ 1987. 08	VKMA 91202
	COROLLA Liftback - 1.6 4WD (AE9#)	4A-FE	1587	1987. 08 ~ 1992. 04	VKMA 91702
	COROLLA Liftback [_E8_] - 1.3 (EE80)	2E-L / 2E-LC	1296	1986. 05 ~ 1987. 08	VKMA 91201
	COROLLA Liftback [_E9_] - 1.3	2E	1295	1987. 07 ~ 1992. 04	VKMA 91201
	COROLLA Liftback [_E9_] - 1.3 i (EE90)	2E / 2E-E	1296	1987. 08 ~ 1992. 04	VKMA 91201
	COROLLA Liftback (E10) - 1.3 12V (EE100)	2E	1296	1992. 07 ~ 1995. 05	VKMA 91201
	COROLLA Liftback (E10) - 1.6 GLI (AE101)	4A-FE	1587	1992. 07 ~ 1997. 04	VKMA 91005
	COROLLA Liftback (E10) - 1.8 GT (AE102)	7A-FE	1762	1992. 11 ~ 1995. 05	VKMA 91006
	COROLLA Liftback (E10) - 2.0 D (CE100)	2C	1975	1992. 07 ~ 1997. 04	VKMA 91720
	COROLLA Liftback (E11) - 1.6 (AE111)	4A-FE	1587	1997. 04 ~ 2000. 02	VKMA 91005
	COROLLA Liftback (E11) - 1.6 Aut. (AE111)	4A-FE	1587	1997. 04 ~ 2000. 02	VKMA 91005
	COROLLA Liftback (E11) - 1.8 (AE112)	7A-FE	1762	1998. 09 ~ 2001. 11	VKMA 91006
	COROLLA Liftback (E11) - 2.0 D (CE110)	2C-E	1975	1997. 04 ~ 2000. 02	VKMA 91720
	COROLLA Liftback (E8) - 1.3	2E	1295	1986. 05 ~ 1987. 04	VKMA 91201
	COROLLA Liftback (E8) - 1.8 D	1C	1839	1983. 06 ~ 1988. 05	VKMA 91720
	COROLLA Liftback (E8) - 1.8 D (CE80)	1C	1839	1985. 01 ~ 1988. 05	VKMA 91720
	COROLLA Liftback (E9) - 1.6 GTI	4A-GE	1587	1987. 07 ~ 1993. 06	VKMA 91401
	COROLLA Liftback (E9) - 1.8 D (CE90)	1C	1839	1987. 08 ~ 1992. 04	VKMA 91720
	COROLLA Saloon (E12) - 2.0 D-4D	1CD-FTV	1995	2002. 08 ~ 2004. 06	VKMA 91303
	COROLLA Verso (E12) - 2.0 D-4D	1CD-FTV	1995	2002. 01 ~ 2004. 01	VKMA 91303
	COROLLA Verso (ZER, ZZE, R1) - 2.0 D-4D	1CD-FTV	1995	2004. 04 ~ 2005. 08	VKMA 91303
	COROLLA Wagon - 1.4 (EE111)	4E-FE	1332	1997. 04 ~ 2000. 02	VKMA 91400
	COROLLA Wagon (E1) - 1.8	7A-FE	1762	1997. 10 ~ 2001. 10	VKMA 91005
COROLLA Wagon (E10) - 1.3 12V (EE100)	2E	1296	1992. 07 ~ 1995. 05	VKMA 91201	
COROLLA Wagon (E10) - 1.6	4A-FE	1587	1992. 07 ~ 1995. 07	VKMA 91005	
COROLLA Wagon (E10) - 1.6 Si (AE101)	4A-FE	1587	1992. 07 ~ 1997. 04	VKMA 91005	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-27010	GT60760							13503-27010	GT70330				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-27010	GT60760							13503-27010	GT70330				
13505-11010	GT80700							13503-10011	GT80730				
13505-15041	GT80010												
13505-15041	GT80010												
13505-11040	GT80420							13503-11030					
13505-11040	GT80420							13503-11030					
13505-15041	GT80010												
13505-15041	GT80010												
13505-15041	GT80010												
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-15050	GT80430												
13505-15050	GT80430												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-11010	GT80700							13503-10011	GT80730				
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-16020	GT80630												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-27010	GT60760							13503-27010	GT70330				
13505-27010	GT60760							13503-27010	GT70330				
13505-27010	GT60760							13503-27010	GT70330				
13505-11040	GT80420							13503-11030					
13505-15050	GT80430												
13505-11010	GT80700							13503-10011	GT80730				
13505-15050	GT80430												
13505-15050	GT80430												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
TOYOTA	COROLLA Wagon (E10) - 1.8	7A-FE	1762	1992. 09 ~ 1997. 04	VKMA 91006
	COROLLA Wagon (E10) - 1.8 XL	7A-FE	1762	1992. 09 ~ 1993. 11	VKMA 91006
	COROLLA Wagon (E10) - 1.8 XL 4WD	7A-FE	1762	1992. 09 ~ 1993. 11	VKMA 91006
	COROLLA Wagon (E11) - 1.6 (AE111)	4A-FE	1587	1997. 04 ~ 2000. 02	VKMA 91005
	COROLLA Wagon (E11) - 1.6 Aut. (AE111)	4A-FE	1587	1997. 04 ~ 2000. 02	VKMA 91005
	COROLLA Wagon (E11) - 1.8 4WD (AE115)	7A-FE	1762	1997. 04 ~ 2001. 10	VKMA 91006
	CORONA Hatchback - 2.0 D	2C	1974	1987. 12 ~ 1992. 01	VKMA 91720
	CORONA Saloon - 2.0 D	2C	1974	1987. 12 ~ 1992. 01	VKMA 91720
	CRESSIDA Estate - 3.0 (MX83)	7M-GE	2954	1988. 10 ~ 1992. 09	VKMA 91700
	CRESSIDA Saloon - 3.0 (MX83)	7M-GE	2954	1988. 10 ~ 1992. 09	VKMA 91700
	CRESSIDA Saloon (GX7, MX73) - 2.4 TD	2L-T	2446	1985. 05 ~ 1988. 09	VKMA 91122
	CRESSIDA Saloon (X6) - 2.2 D (LX60)	L	2173	1980. 09 ~ 1984. 07	VKMA 91122
	CROWN Saloon (S1) - 2.2 D (LS110)	L	2188	1980. 04 ~ 1983. 07	VKMA 91122
	DYNA 150 Platform/Chassis (LY) - 3.0 D	5L	2986	1998. 09 ~ 2001. 07	VKMA 91124
	DYNA Bus (LY1, H8) - 2.4 D	2L	2446	1987. 08 ~ 2001. 07	VKMA 91122
	DYNA Platform/Chassis (LH8) - 2.4 D	2L	2446	1987. 08 ~ 1995. 04	VKMA 91122
	FORTUNER Closed Off-Road Vehicle (KUN51, KUN61) - 3.0 D 4WD	1KD-FTV	2982	2009. 08 ~	VKMA 91711
	HIACE / COMMUTER IV (TRH2_, KDH2_) - 2.5 D-4D (KLH1#, KLH2#)	2KD-FTV	2494	2006. 09 ~	VKMA 91711
	HIACE I Box (H) - 2.2 D (LH20-30)	L	2173	1979. 01 ~ 1983. 03	
	HIACE II Box - 2.2 D (LH50, LH60)	L	2173	1983. 03 ~ 1989. 11	VKMA 91122
	HIACE II Wagon - 2.2 D (LH50, LH60)	L	2173	1983. 03 ~ 1989. 11	VKMA 91122
	HIACE III Wagon - 2.4 D (LH102, LH112, LH114)	2L	2446	1989. 08 ~ 1991. 02	VKMA 91124
	HIACE III Wagon - 2.4 D (LH102, LH112, LH114) 4WD	2L	2446	1989. 08 ~ 1991. 02	VKMA 91124
	HIACE III Wagon (LH1, RZH1_) - 2.8 D (LH103, LH105, LH113, LH115, LH125)	3L	2779	1989. 08 ~ 2000. 08	VKMA 91124
	HIACE IV Bus (LH1) - 2.4 D (LXH12, LXH22)	2L	2446	1995. 08 ~ 2006. 08	VKMA 91124
	HIACE IV Bus (LH1) - 2.4 TD (LXH12, LXH22)	2L-T	2446	1995. 08 ~ 2006. 08	VKMA 91124
	HILUX II Pickup - 2.4 D (LN145, LN150,)	2L	2446	1997. 08 ~ 2001. 08	VKMA 91124
	HILUX II Pickup - 2.4 D 4WD (LN145, LN150,)	2L	2446	1997. 08 ~ 2001. 08	VKMA 91124
	HILUX II Pickup - 2.5 D-4D (KDN145, KDN150, KDN165, KDN170, KDN190)	2KD-FTV	2494	2001. 11 ~ 2005. 07	VKMA 91711
	KIJANG INNOVA (TGN4, KUN4) - 2.5 D-4D	2KD-FTV	2494	2004. 08 ~	VKMA 91711
	LAND CRUISER - 2.4 D (LJ70)	2L	2446	1984. 11 ~ 1985. 10	VKMA 91122
	LAND CRUISER - 2.4 TD (LJ70)	2L-T	2446	1990. 01 ~ 1993. 05	VKMA 91124
LAND CRUISER (VDJ20_, UZJ20_) - 4.7 V8 (UZJ200)	2UZ-FE	4664	2007. 08 ~	VKMA 91707	
LAND CRUISER 3.0 TD (KZJ70, KZJ73, KZJ77)	1KZ-T	2982	1993. 05 ~ 1996. 05	VKMA 91713	
LAND CRUISER Hardtop - 2.4 TD (LJ77)	2L-T	2446	1990. 07 ~ 1996. 05	VKMA 91124	
LAND CRUISER PRADO (J9) - 3.0 D-4D (KDJ90, KDJ95, KDJ125)	1KD-FTV	2982	2000. 10 ~	VKMA 91711	
LAND CRUISER PRADO (J9) - 3.0 TD (KZJ9#)	1KZ-TE	2982	1996. 04 ~	VKMA 91022	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-15050	GT80430												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-42020	GT90800												
13505-42020	GT90800												
13505-54010	GT80140							13503-54020	GT80150				
13505-54010	GT80140							13503-54020	GT80150				
13505-54010	GT80140							13503-54020	GT80150				
13505-54021	GT80470							13503-54030	GT80720				
13505-54010	GT80140							13503-54020	GT80150				
13505-54010	GT80140							13503-54020	GT80150				
13505-67040	GT90210												
13505-67040	GT90210												
13505-54010	GT80140												
13505-54010	GT80140							13503-54020	GT80150				
13505-54010	GT80140							13503-54020	GT80150				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-54021	GT80470							13503-54030	GT80720				
13505-67040	GT90210												
13505-67040	GT90210												
13505-54010	GT80140							13503-54020	GT80150				
13505-54021	GT80470							13503-54030	GT80720				
13505-50030								13503-50010	GT90050				
13505-67050	GT60210												
13505-54021	GT80470							13503-54030	GT80720				
13505-67040	GT90210												
13505-67040	GT90210												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
TOYOTA	LAND CRUISER PRADO (J9) - 3.0 TD (KZJ9#)	1KZ-TE	2982	1995. 04 ~ 2000. 07	VKMA 91022
	LAND CRUISER PRADO (J9) - 3.4 i 24V (VZJ90, VZJ95)	5VZ-FE	3378	1996. 04 ~	VKMA 91704
	MR 2 I - 1.6 16V (AW11)	4A-GELC	1587	1984. 11 ~ 1996. 06	VKMA 91401
	MR 2 I - 1.6 16V (AW11)	4A-GEL	1587	1984. 11 ~ 1996. 06	VKMA 91401
	MR 2 II (SW2) - 2.0	3S-FE	1998	1998. 12 ~ 1992. 08	VKMA 91003
	MR 2 II (SW2) - 2.0 16V (SW20)	3S-GE	1998	1289. 12 ~ 1993. 11	VKMA 91013
	MR 2 II (SW2_) - 2.0 16V (SW20)	3S-GE	1998	1989. 12 ~ 2000. 05	VKMA 91021
	PASEO Coupe - 1.5 (EL44)	5E-FE	1497	1991. 04 ~ 1995. 08	VKMA 91015
	PASEO Coupe - 1.5 16V (EL54)	5E-FE	1497	1995. 08 ~ 1999. 07	VKMA 91015
	PICNIC (_XM10) - 2.2 D (CMX10_)	3C-TE	2184	1997. 08 ~ 2001. 12	VKMA 91720
	PICNIC (XM10) - 2.0 16V (SXM10)	3S-FE	1998	1996. 05 ~ 2001. 12	VKMA 91003
	PRADO (UZJ100) - 4.7 (UZJ100)	2UZ-FE	4664	1998. 01 ~	VKMA 91707
	PRADO (UZJ100) - 4.7 (UZJ100)	2UZ-FE	4664	2002. 02 ~	VKMA 91707
	PREVIA (MCR3, ACR3, CLR3_) - 2.0 D-4D	1CD-FTV	1995	2001. 03 ~ 2006. 01	VKMA 91303
	RAV 4 II (CLA2, XA2, ZCA2, ACA2) - 2.0 D-4D 4WD	1CD-FTV	1995	2001. 09 ~ 2005. 11	VKMA 91303
	STARLET (_P7_) - 1.0 (EP70)	1E-L	999	1984. 10 ~ 1989. 12	VKMA 91200
	STARLET (_P7_) - 1.3 (EP71)	2E-LC	1295	1984. 10 ~ 1989. 12	VKMA 91203
	STARLET (EP91) - 1.3	4E-FE	1332	1996. 04 ~ 1999. 03	VKMA 91400
	STARLET (P7) - 1.0 (EP70L)	1E-L	999	1986. 04 ~ 1989. 12	VKMA 91205
	STARLET (P7) - 1.3 (EP71L)	2E-LC	1295	1984. 10 ~ 1986. 04	VKMA 91201
	STARLET (P8) - 1.0 (EP80)	1E	999	1989. 12 ~ 1992. 12	VKMA 91205
	STARLET (P8) - 1.3 12V (EP81)	2E / 2E-E	1296	1989. 12 ~ 1992. 12	VKMA 91201
	SUPRA - 3.0 I (JZA80)	2JZ-GE	2997	1993. 05 ~ 2002. 08	VKMA 91017
	SUPRA - 3.0 Turb (MA70)	7M-GTE	2954	1987. 09 ~ 1993. 04	VKMA 91700
	TERCEL - 1.3 (AL2#)	2A	1296	1979. 03 ~ 1988. 01	VKMA 91202
	TERCEL - 1.5 4WD (AL2#)	3A-C	1452	1986. 05 ~ 1988. 01	VKMA 91202
	TERCEL - 1.5 4WD (AL2#)	3A	1452	1982. 10 ~ 1988. 01	VKMA 91202
	AURIS (NRE15, ZZE15, ADE15, ZRE15, NDE15) - 1.4 WT <i>i</i> (ZZE150)	4ZZ-FE	1398	2007. 03 ~	
	AURIS (NRE15, ZZE15, ADE15, ZRE15, NDE15) - 1.4 WT <i>i</i> (ZZE150)AC	4ZZ-FE	1398	2007. 03 ~	
	AURIS (NRE15, ZZE15, ADE15, ZRE15, NDE15) - 2.0 D-4D	1AD-FTV	1998	2007. 03 ~	
	AURIS (NRE15, ZZE15, ADE15, ZRE15, NDE15) - 2.0 D-4D (AC)	1AD-FTV	1998	2007. 03 ~	
	AURIS (NRE15, ZZE15, ADE15, ZRE15, NDE15) - 2.2 D	2AD-FHV	2231	2007. 03 ~	
	AURIS (NRE15, ZZE15, ADE15, ZRE15, NDE15) - 2.2 D (AC)	2AD-FHV	2231	2007. 03 ~	
AVANZA (F602, F601) - 1.3	K3-VE	1298	2003. 12 ~		
AVANZA (F602_, F601_) - 1.3	F601	1298	2006. 08 ~		
AVANZA (F65_) - 1.3	F651	1298	2006. 08 ~		
AVENSIS (T22) - 1.6 (AT220)	4A-FE	1587	1997. 09 ~ 2000. 10		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
13505-67040	GT90210												
13505-62070	GT90450							13503-62040	GT90460				
13505-16020	GT80630												
13505-16020	GT80630												
13505-74011	GT80020							13503-63010	GT80030				
13505-88383	GT90820							13503-63010	GT80030				
13505-88480	GT90670							13503-63010	GT80030				
13505-11040	GT80420							13503-11030					
13505-11040	GT80420							13503-11030					
13505-64011	GT80710							13503-64021	GT90240				
13505-64011	GT70830												
13505-74011	GT80020							13503-63010	GT80030				
13505-50030								13503-50010	GT90050				
13505-50030								13503-50010	GT90050				
13505-27010	GT60760							13503-27010	GT70330				
13505-27010	GT60760							13503-27010	GT70330				
13505-10010	GT60290							13503-10010					
13505-10010	GT60290							13503-10010					
13505-11040	GT80420							13503-11030					
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-11010	GT80700							13503-10011	GT80730				
13505-46041	GT90830												
13505-42020	GT90800												
13505-15041	GT80010												
13505-15041	GT80010												
13505-15041	GT80010												
	16620-0W093							13570-22010	GT60010	16620-22013			
	16620-0W093							13570-22010	GT60010	16620-22013			
	16620-0R010	16603-0R010						16604-26011	GT90990				
	16620-0R010	16603-0R010						16604-26011	GT90990				
	16620-0R010	16603-0R010						16604-26011	GT90990				
	16620-0R010	16603-0R010						16604-26011	GT90990				
								16603-23010	GT40900				
								16603-23010	GT40900				
								16603-23010	GT40900				
								88440-17010	GT90940				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
TOYOTA	AVENSIS (T22) - 1.8 (AT221)	7A-FE	1762	1997. 09 ~ 2000. 10	
	AVENSIS (T25) - 1.6 WT-I (ZZT250) AC	3ZZ-FE	1598	2003. 04 ~ 2008. 11	
	AVENSIS (T25) - 1.8 (ZZT251)	1ZZ-FE	1794	2003. 04 ~ 2008. 11	
	AVENSIS (T25) - 2.0 D-4D (CDT250)	1CD-FTV	1995	2003. 04 ~ 2008. 11	
	AVENSIS Estate (T25) - 2.0 D-4D (CDT250)	1CD-FTV	1995	2003. 04 ~ 2008. 11	
	AVENSIS Liftback (T22) - 1.6 (AT220)	4A-FE	1587	1997. 09 ~ 2000. 10	
	AVENSIS Liftback (T22) - 1.8 (AT221)	7A-FE	1762	1997. 09 ~ 2000. 10	
	AVENSIS Saloon (T25) - 2.0 D-4D (CDT250)	1CD-FTV	1995	2003. 04 ~ 2008. 11	
	AVENSIS Station Wagon (T22) - 1.6 (AT220)	4A-FE	1587	1997. 09 ~ 2000. 10	
	AVENSIS Station Wagon (T22) - 1.8 (AT221)	7A-FE	1762	1997. 09 ~ 2000. 10	
	CARINA E (T19) - 1.6 (AT190)	4A-FE	1587	1993. 12 ~ 1997. 09	
	CARINA E (T19) - 1.6 GLI (AT190)	4A-FE	1587	1992. 04 ~ 1997	
	CARINA E (T19) - 1.8 (AT191)	7A-FE	1762	1995. 01 ~ 1997. 09	
	CARINA E Saloon (T19) - 1.8	7A-FE	1762	1992. 04 ~ 1997. 09	
	CARINA II (T17) - 1.6 (AT171)	4A-F	1587	1987. 12 ~ 1989. 11	
	CARINA II Saloon (T17) - 1.6 (AT171)	4A-F	1587	1987. 12 ~ 1992. 03	
	CELICA (ST20, AT20) - 1.8 i 16V (AT200/ST)	7A-FE	1762	1993. 11 ~ 1999. 11	
	COROLLA (ZZE12, NDE12, ZDE12) - 1.4 WT-I (ZZT251)	4ZZ-FE	1398	2002. 01 ~ 2006. 12	
	COROLLA (ZZE12, NDE12, ZDE12) - 1.4 WT-I (ZZT251) AC	4ZZ-FE	1398	2002. 01 ~ 2006. 12	
	COROLLA (ZZE12, NDE12, ZDE12) - 2.0 D-4D (CDE120)	1CD-FTV	1995	2002. 01 ~ 2007. 02	
	COROLLA (ZZE12_, NDE12_, ZDE12_) - 1.6 WT-i	3ZZ-FE	1598	2002. 01 ~ 2006. 12	
	COROLLA (ZZE12_, NDE12_, ZDE12_) - 1.6 WT-I AC	3ZZ-FE	1598	2002. 01 ~ 2006. 12	
	COROLLA Compact (E9) - 1.8 D (CE90)	1C	1840	1987. 08 ~ 1992. 04	
	COROLLA Estate (E12J, E12T) - 2.0 D-4D (CDE120)	1CD-FTV	1995	2002. 01 ~ 2007. 02	
	COROLLA Liftback (E9) - 1.8 D (CE90)	1C	1839	1987. 08 ~ 1992. 04	
	COROLLA Saloon (E12J, E12T) - 2.0 D-4D (CDE120)	1CD-FTV	1995	2002. 08 ~ 2007. 07	
	COROLLA Saloon (E15) - 2.0 D-4D	1AD-FTV	1998	2007. 01 ~	
	COROLLA Saloon (E15) - 2.0 D-4D (AC)	1AD-FTV	1998	2007. 01 ~	
	COROLLA Station Wagon (E9) - 1.8 D (CE90)	1C	1839	1987. 12 ~ 1992. 06	
	COROLLA Verso (ZDE12, CDE12) - 2.0 D-4D (CDE120)	1CD-FTV	1995	2002. 01 ~ 2004. 05	
	HIACE III Wagon (LH1, RZH1) - 2.0 (RZH10#, RZH11#)	1RZ	1998	1989. 08 ~ 1998. 04	
	MR 2 II (SW2) - 2.0	3S-FE	1998	1989. 12 ~ 1992. 08	
	PREVIA (MCR3, ACR3, CLR3) - 2.0 D-4D (CLR30)	1CD-FTV	1995	2001. 03 ~ 2006. 01	
RAV 4 II (CLA2, XA2, ZCA2, ACA2) - 2.0 D-4D 4WD	1CD-FTV	1995	2001. 09 ~ 2005. 11		
YARIS (SCP1, NLP1, NCP1) - 1.0 16V (SCP10)	1SZ-FE	998	1999. 04 ~ 2002. 12		
YARIS (SCP1_, NLP1_, NCP1_) - 1.0 16V	1SZ-FE	998	2003. 03 ~ 2005. 09		
YARIS (SCP1_, NLP1_, NCP1_) - 1.0 16V	1SZ-FE	998	1999. 04 ~ 2005. 09		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								88440-17010	GT90940				
	16620-0W093							13570-22010	GT60010	16620-22013			
	16620-0W093							13570-22010	GT60010	16620-22013			
								16603-27011	GT70310				
								16603-27011	GT70310				
								88440-17010	GT90940				
								88440-17010	GT90940				
								16603-27011	GT70310				
								88440-17010	GT90940				
								88440-17010	GT90940				
								88440-17010	GT90940				
								88440-17010	GT90940				
								88440-17010	GT90940				
								88440-17010	GT90940				
	16620-0W093							13570-22010	GT60010	16620-22013			
	16620-0W093							13570-22010	GT60010	16620-22013			
								16603-27011	GT70310				
	16620-0W093							13570-22010	GT60010	16620-22013			
	16620-0W093							13570-22010	GT60010	16620-22013			
								88440-12170	GT90930	88440-12190	GT90950	88440-12100	GT60000
								16603-27011	GT70310				
								88440-12170	GT90930	88440-12190	GT90950	88440-12100	GT60000
								16603-27011	GT70310				
	16620-0R010		16603-0R010					16604-26011	GT90990				
	16620-0R010		16603-0R010					16604-26011	GT90990				
								88440-12170	GT90930	88440-12190	GT90950	88440-12100	GT60000
								16603-27011	GT70310				
								88440-16050	GT90920				
								88440-16050	GT90920				
								16603-27011	GT70310				
								16603-27011	GT70310				
								16603-23010	GT40900				
								88440-0D010	GTA0120				
								88440-0D010	GTA0120				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
TOYOTA	YARIS (SCP1_, NLP1_, NCP1_) - 1.3	2SZ-FE	1298	2002.04 ~ 2005.09	
	YARIS (SCP9_, NSP9_, KSP9_, NCP9_, ZSP9_) - 1.3 WT-i	2SZ-FE	1298	2006.01 ~	
UMM	ALTER 2.5	PSA XD3	498	1986 ~	
UZA	3151 2.1 D	XUD11A	2138	1990 ~ 1994	
VAUXHALL	ANTARA (J26, H26) - 2.4	Z 24 XE	2405	2006.08 ~	VKMA 05228
	ANTARA (J26, H26) - 2.4 FWD	Z 24 XE	2405	2006.08 ~	VKMA 05228
	ARENA Combi - 1.9 D	F8Q 600 / F8Q 606	1870	1998.03 ~ 2001.08	VKMA 06114
	ARENA Combi - 2.5 D	S8U 758 / S8U 780 / S8U 782	2499	1998.03 ~ 2001.08	VKMA 02383
	ARENA Van - 1.9 D	F8Q 600 / F8Q 606	1870	1998.03 ~ 2001.08	VKMA 06114
	ARENA Van - 2.5 D	S8U 758 / S8U 780 / S8U 782	2499	1998.03 ~ 2001.08	VKMA 02383
	ASTRA Mk II Belmont - 1.5 DT	15 TD (ISUZU)	1499	1988.01 ~ 1990.08	VKMA 05208
	ASTRA Mk II Belmont - 1.5 DT	15 TD (ISUZU)	1499	1987.01 ~ 1989.08	VKMA 05208
	ASTRA Mk II Estate - 1.5 DT	15 TD (ISUZU)	1499	1988.01 ~ 1991.08	VKMA 05208
	ASTRA Mk II Hatchback - 2.0 GTE 16V (MOT:14 142839)	20 XE / C 20 XE	1998	1988.05 ~ 1991.08	VKMA 05220
	ASTRA Mk III (F) - 1.7 TD	17 TD (ISUZU)	1686	1991.12 ~ 1994.12	VKMA 05213
	ASTRA Mk III (F) - 1.8 i 16V	18 SE	1796	1995.09 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) - 1.8 i 16V	C 18 XEL / X 18 XE	1796	1994.01 ~ 1996.12	VKMA 05222
	ASTRA Mk III (F) - 1.8 i 16V	X 18 XE / X 18 XEL	1796	1994.01 ~ 1996.12	VKMA 05222
	ASTRA Mk III (F) - 1.8 i 16V	C 18 XE	1799	1993.06 ~ 1994.10	VKMA 05222
	ASTRA Mk III (F) - 2.0 i 16V	X 20 XEV	1998	1995.02 ~ 1998.09	VKMA 05222
	ASTRA Mk III (F) - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1995.02 ~ 1998.09	VKMA 05220
	ASTRA Mk III (F) Convertible - 1.8	C 18 XE	1799	1994.09 ~ 1996.08	VKMA 05222
	ASTRA Mk III (F) Convertible - 1.8 16V	C 18 XEL / X 18 XE	1799	1994.11 ~ 2001.03	VKMA 05222
	ASTRA Mk III (F) Convertible - 2.0 i 16V	X 20 XEV	1998	1994.01 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Estate - 1.7 TD	17 TD (ISUZU)	1686	1991.12 ~ 1994.12	VKMA 05213
	ASTRA Mk III (F) Estate - 1.8 i 16V	C 18 XEL / X 18 XE	1796	1994.09 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Estate - 1.8 i 16V	X 18 XE / X 18 XEL	1796	1994.09 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Estate - 1.8 i 16V	C 18 XE	1796	1994.09 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Estate - 2.0 i 16V	X 20 XEV	1998	1994.01 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Estate - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1994.01 ~ 1998.02	VKMA 05220
	ASTRA Mk III (F) Hatchback - 1.7 TD	17 TD (ISUZU)	1686	1991.12 ~ 1994.12	VKMA 05213
	ASTRA Mk III (F) Hatchback - 1.8 i 16V	C 18 XEL / X 18 XE	1796	1994.09 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Hatchback - 1.8 i 16V	X 18 XE / X 18 XEL	1796	1994.09 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Hatchback - 1.8 i 16V	C 18 XE	1796	1994.09 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Hatchback - 2.0 i 16V	X 20 XEV	1998	1994.01 ~ 1998.02	VKMA 05222
	ASTRA Mk III (F) Hatchback - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1991.09 ~ 1998.02	VKMA 05220
ASTRA Mk IV (G) Convertible - 1.6 16V MOT:02 MV7224, 20 U75998	Z 16 XE	1598	2001.03 ~ 2005.10	VKMA 05156	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								88440-0D010	GTA0120				
								88440-0D010	GTA0120				
0818.17	GT50530			5972277	GT80290								
0818.19	GT60320												
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729						09128738	GT90540	09128738	GT90540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729						09128738	GT90540	09128738	GT90540		
44 01 609	GT60100							44 03 270	GT60110				
								44 03 144	GT60520	44 00 204	GT60530		
44 01 609	GT60100							44 03 270	GT60110				
								44 03 144	GT60520	44 00 204	GT60530		
6 36 731	GT90230							56 36 395					
6 36 731	GT90230							56 36 395					
6 36 731	GT90230							56 36 395					
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
6 36 735	GT90310							56 36 395					
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
6 36 735	GT90310							56 36 395					
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
6 36 735	GT90310							56 36 395					
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VAUXHALL	ASTRA Mk IV (G) Convertible - 1.6 16V MOT:02 MV7225, 20 U75999	Z 16 XE	1598	2001. 03 ~ 2005. 10	VKMA 05156
	ASTRA Mk IV (G) Convertible - 1.8 16V MOT:02 HL5118, 20 041691	Z 18 XE	1796	2001. 03 ~ 2005. 10	VKMA 05156
	ASTRA Mk IV (G) Coupe (F67) - 1.8 16V Dualfuel MOT:02 HL5118, 20 041691	Z 18 XE	1796	2002. 09 ~ 2005. 08	VKMA 05156
	ASTRA Mk IV (G) Coupe (F67) - 1.8 16V MOT:02 HL5118, 20 041691	X 18 XE1 / Z 18 XEL	1796	2000. 03 ~ 2005. 08	VKMA 05156
	ASTRA Mk IV (G) Coupe (F67) - 1.8 16V MOT:02 HL5118, 20 041691	Z 18 XE	1796	2000. 09 ~ 2005. 08	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.4 16V MOT:02 MV7224, 20 U75998	X 14 XE / Z 14 XE	1389	1998. 02 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.4 16V MOT:02 MV7225, 20 U75999	X 14 XE / Z 14 XE	1389	1998. 02 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.6 16V MOT:02 MV7224, 20 U75998	X 16 XEL / Z 16 XE	1598	1998. 03 ~ 2004. 04	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.6 16V MOT:02 MV7225, 20 U75999	X 16 XEL / Z 16 XE	1598	1998. 03 ~ 2004. 04	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.6 Dualfuel	Z 16 XE	1598	1998. 03 ~ 2004. 04	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.8 16V Dualfuel	Z 18 XEL	1796	2002. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.8 16V MOT:02 HL5118, 20 041691	X 18 XE1	1796	1998. 02 ~ 2000. 08	VKMA 05156
	ASTRA Mk IV (G) Estate - 1.8 16V MOT:02 HL5118, 20 041691	Z 18 XE	1796	2000. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.4 16V MOT:02 MV7224, 20 U75998	X 14 XE / Z 14 XE	1389	1998. 02 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.4 16V MOT:02 MV7225, 20 U75999	X 14 XE / Z 14 XE	1389	1998. 02 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.6 16V MOT:02 MV7224, 20 U75998	X 16 XEL / Z 16 XE	1598	1998. 02 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.6 16V MOT:02 MV7225, 20 U75999	X 16 XEL / Z 16 XE	1598	1998. 02 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.6 Dualfuel	Z 16 XE	1598	2002. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.8 16V Dualfuel MOT:02 HL5118, 20 041691	Z 18 XE	1796	2002. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.8 16V MOT:02 HL5118, 20 041691	X 18 XE1	1796	1998. 02 ~ 2000. 09	VKMA 05156
	ASTRA Mk IV (G) Hatchback - 1.8 16V MOT:02 HL5118, 20 041691	Z 18 XE	1796	2000. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.4 16V MOT:02 MV7224, 20 U75998	X 14 XE / Z 14 XE	1389	1998. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.4 16V MOT:02 MV7225, 20 U75999	X 14 XE / Z 14 XE	1389	1998. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.6 16V MOT:02 MV7224, 20 U75998	C 16 SEL / X 16 XEL / Z 16 XE / Z 16 XEP	1598	1998. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.6 16V MOT:02 MV7225, 20 U75999	C 16 SEL / X 16 XEL / Z 16 XE / Z 16 XEP	1598	1998. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.6 Dualfuel	Z 16 XE	1598	2002. 09 ~ 2005. 05	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.8 16V Dualfuel MOT:02 HL5118, 20 041691	Z 18 XE	1796	1998. 02 ~ 2004. 07	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.8 16V MOT:02 HL5118, 20 041691	X 18 XE1	1796	1998. 02 ~ 2004. 07	VKMA 05156
	ASTRA Mk IV (G) Saloon - 1.8 16V MOT:02 HL5118, 20 041691	Z 18 XE	1796	1998. 02 ~ 2004. 07	VKMA 05156
	ASTRA Mk V (H) Estate - 1.8	Z 18 XE	1796	2004. 10 ~ 2009. 03	VKMA 05156
	ASTRA Mk V (H) Hatchback - 1.8	Z 18 XE	1796	2004. 01 ~ 2009. 05	VKMA 05156
	ASTRA Mk V (H) Sport Hatch - 1.8	Z 18 XE	1796	2005. 02 ~ 2010. 11	VKMA 05156
	ASTRA TwinTop Mk V (H) - 1.8	Z 18 XE	1796	2005. 09 ~ 2010. 11	VKMA 05156
BRAVA Pickup - 2.5 D (TFR54)	4 JA1	2499	1991. 08 ~ 1994. 06	VKMA 99004	
BRAVA Pickup - 2.5 D 4x4 (TF554)	4 JA1T	2499	1990. 06 ~ 1994. 06	VKMA 99004	
BRAVA Pickup - 2.5 DTI	25 TD	2499	2001. 08 ~ 2002. 12	VKMA 99004	
BRAVA Pickup - 2.5 DTI 4x4	25 TD	2499	2001. 08 ~ 2002. 12	VKMA 99004	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VAUXHALL	BRAVA Pickup - 2.5 TD (TFR54)	25 TD	2499	1994. 07 ~ 2002. 12	VKMA 99004
	BRAVA Pickup - 2.5 TD 4x4 (TFS54)	25 TD	2499	1994. 07 ~ 2002. 12	VKMA 99004
	CALIBRA - 2.0 i 16V	X 20 XEV	1998	1990. 06 ~ 1997. 07	VKMA 05222
	CALIBRA - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1990. 06 ~ 1994. 02	VKMA 05220
	CALIBRA - 2.0 i 16V 4x4	X 20 XEV	1998	1994. 02 ~ 1997. 07	VKMA 05222
	CALIBRA - 2.0 i 16V 4x4 (MOT:14 142839)	C 20 XE	1998	1990. 06 ~ 1994. 02	VKMA 05220
	CALIBRA - 2.0 i Turbo 4x4 (MOT:14 002935)	C 20 LET	1998	1992. 03 ~ 1997. 07	VKMA 05220
	CAVALIER Mk III (87) - 1.7 TD	17 TD (ISUZU)	1686	1988. 09 ~ 1995. 11	VKMA 05213
	CAVALIER Mk III (87) - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1988. 09 ~ 1995. 11	VKMA 05220
	CAVALIER Mk III (87) - 2.0 i 16V 4x4 (MOT:14 142839)	C 20 XE	1998	1988. 09 ~ 1995. 11	VKMA 05220
	CAVALIER Mk III (87) - 2.0 i Turbo 4x4 (MOT:14 002935)	C 20 LET	1998	1992. 06 ~ 1994. 11	VKMA 05220
	CAVALIER Mk III (87) - 2.0 SRi 16V	X 20 XEV	1998	1993. 09 ~ 1995. 11	VKMA 05222
	CAVALIER Mk III Hatchback - 1.7 TD MOT:551390	17 TD (ISUZU)	1686	1988. 09 ~ 1995. 11	VKMA 05213
	CAVALIER Mk III Hatchback - 2.0 i 16V	X 20 XEV	1998	1993. 09 ~ 1995. 11	VKMA 05222
	CAVALIER Mk III Hatchback - 2.0 i 16V (MOT:14 142839)	C 20 XE	1998	1988. 09 ~ 1995. 11	VKMA 05220
	CAVALIER Mk III Hatchback - 2.0 i 16V 4x4 (MOT:14 142839)	C 20 XE	1998	1992. 01 ~ 1993. 11	VKMA 05222
	COMBO Mk I (B) - 1.7 D	17 D (ISUZU) / X 17 D (ISUZU)	1686	1994. 07 ~ 1994. 12	VKMA 05213
	COMBO TOUR Mk II (C) (F25) - 1.6 CNG	Y 16 YNG / Z 16 YNG	1598	2006. 06 ~ 2010. 09	VKMA 05156
	COMBO TOUR Mk II (C) (F25) - 1.6 CNG 16V	Y 16 YNG / Z 16 YNG	1598	2005. 04 ~ 2012. 02	VKMA 05156
	CORSA Mk I (B) - 1.5 D	15 D (ISUZU) / X 15 D (ISUZU)	1488	1993. 03 ~ 2000. 09	VKMA 05208
	CORSA Mk I (B) - 1.5 TD	15 TD (ISUZU) / X 15 TD (ISUZU)	1488	1993. 03 ~ 1996. 10	VKMA 05208
	CORSA Mk II (C) (W5L, F08) - 1.4 16V MOT:02 MZ5253, 20 U75998	Z 14 XE	1389	2000. 09 ~ 2006. 10	VKMA 05156
	CORSA Mk II (C) (W5L, F08) - 1.4 16V MOT:02 MZ5254, 20 U75999	Z 14 XE	1389	2000. 09 ~ 2006. 10	VKMA 05156
	CORSA Mk II (C) (W5L, F08) - 1.8 16V	Z 18 XE	1796	2000. 08 ~ 2006. 09	VKMA 05156
	CORSAVAN Mk I (B) - 1.5 D	15 D (ISUZU) / X 15 D (ISUZU)	1488	1994. 08 ~ 1995. 12	VKMA 05208
	CORSAVAN Mk I (B) - 1.7 D	17 D (ISUZU) / X 17 D (ISUZU)	1686	1994. 01 ~ 1994. 12	VKMA 05213
	FRONTERA Mk I (A) - 2.2 I (CH:TV 899999)	X 22 XE	2198	1995. 03 ~ 1996. 12	VKMA 05223
	FRONTERA Mk I (A) - 2.2 I (CH:VW 600001)	X 22 XE	2198	1995. 03 ~ 1996. 12	VKMA 05228
	FRONTERA Mk I (A) - 2.8 TD	28 TD	2771	1995. 03 ~ 1998. 10	VKMA 99004
	FRONTERA Mk I (A) Sport - 2.8 TD	28 TDI	2771	1995. 03 ~ 1996. 08	VKMA 99004
	FRONTERA Mk II (B) - 2.2 i	X 22 SE / Y 22 SE	2198	1998. 10 ~ 2004. 10	VKMA 05228
	MERIVA Mk I (A) - 1.6 i 16V	Z 16 XE	1598	2003. 01 ~ 2005. 09	VKMA 05156
MERIVA Mk I (A) - 1.8 i 16V	Z 18 XE	1796	2003. 05 ~ 2005. 08	VKMA 05156	
MONTEREY - 3.1 TD	4 JG2TC	3059	1991. 09 ~ 1998. 07	VKMA 99004	
MOVANO Mk I (A) Chassis/Cab (ED, UD, HD) - 2.2 DTI	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~ 2010. 05	VKMA 06503	
MOVANO Mk I (A) Chassis/Cab (ED, UD, HD) - 2.5 CDTI	G9U 632 / G9U 650	2463	2004. 04 ~ 2010. 05	VKMA 06503	
MOVANO Mk I (A) Chassis/Cab (ED, UD, HD) - 2.5 CDTI	G9U 632 / G9U 650	2463	2006. 08 ~ 2010. 05	VKMA 06503	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
6 36 735	GT90310							56 36 395					
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
6 36 735	GT90310							56 36 395					
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		90411774	GTB0050					90411773	GT60580	56 36 425	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
6 36 735	GT90310							56 36 395					
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
6 36 731	GT90230							56 36 395					
6 36 731	GT90230							56 36 395					
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
6 36 731	GT90230							56 36 395					
6 36 735	GT90310							56 36 395					
		90411774	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
6 36 383	GT90150							8 15 971	GT90170				
6 36 383	GT90150							8 15 971	GT90170				
		6 36 723 6 36 729						09128738	GT90540	09128738	GT90540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
6 36 383	GT90150							8 15 971	GT90170				
		44 01 430 44 18 672						45 06 092	GT30520				
		44 01 430 44 18 672						45 06 092	GT30520				
		44 01 430 44 18 672						45 06 092	GT30520				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VAUXHALL	MOVANO Mk I (A) Chassis/Cab (ED, UD, HD) - 2.5 D	S8U 770	2499	1998. 10 ~ 2000. 09	VKMA 02383
	MOVANO Mk I (A) Chassis/Cab (ED, UD, HD) - 2.5 DTI	G9U 720 / G9U 724 / G9U 754	2463	2001. 10 ~ 2010. 05	VKMA 06503
	MOVANO Mk I (A) Combi (JD) - 2.2 DTI	G9T 720 / G9T 750	2188	2000. 09 ~ 2010. 05	VKMA 06503
	MOVANO Mk I (A) Combi (JD) - 2.5 CDTI	G9U 632 / G9U 650	2463	2001. 10 ~ 2009. 08	VKMA 06503
	MOVANO Mk I (A) Combi (JD) - 2.5 CDTI	G9U 632 / G9U 650	2464	2003. 02 ~ 2009. 08	VKMA 06503
	MOVANO Mk I (A) Combi (JD) - 2.5 CDTI	G9U 632 / G9U 650	2464	2006. 08 ~ 2010. 05	VKMA 06503
	MOVANO Mk I (A) Combi (JD) - 2.5 D	S8U 772	2499	1998. 10 ~ 2000. 09	VKMA 02383
	MOVANO Mk I (A) Combi (JD) - 2.5 DTI	G9U 720 / G9U 724	2463	2001. 10 ~ 2009. 08	VKMA 06503
	MOVANO Mk I (A) Van (FD) - 2.2 DTI	G9T 720 / G9T 722 / G9T 750	2188	2000. 09 ~ 2010. 05	VKMA 06503
	MOVANO Mk I (A) Van (FD) - 2.5 CDTI	G9U 632 / G9U 650	2463	2004. 04 ~ 2010. 05	VKMA 06503
	MOVANO Mk I (A) Van (FD) - 2.5 CDTI	G9U 632 / G9U 650	2464	2006. 08 ~ 2010. 05	VKMA 06503
	MOVANO Mk I (A) Van (FD) - 2.5 D	S8U 772	2499	1998. 10 ~ 2000. 09	VKMA 02383
	MOVANO Mk I (A) Van (FD) - 2.5 DTI	G9U 720 / G9U 724 / G9U 750 / G9U 754	2463	2001. 10 ~ 2010. 05	VKMA 06503
	NOVA - 1.5 D	15 D (ISUZU)	1488	1987. 09 ~ 1993. 02	VKMA 05208
	NOVA - 1.5 TD	15 TD (ISUZU)	1488	1990. 01 ~ 1993. 02	VKMA 05208
	NOVA Hatchback - 1.5 D	15 D (ISUZU)	1488	1987. 09 ~ 1993. 03	VKMA 05208
	NOVA Hatchback - 1.5 TD	15 TD (ISUZU)	1488	1990. 01 ~ 1993. 03	VKMA 05208
	NOVAVAN - 1.5 D	15 D (ISUZU)	1488	1991. 01 ~ 1994. 10	VKMA 05208
	OMEGA (B) - 2.0 16V	X 20 XEV	1998	1994. 03 ~ 1999. 09	VKMA 05222
	OMEGA (B) - 2.2 16V	Y 22 XE / Z 22 XE	2198	1994. 01 ~ 2003. 06	VKMA 05228
	OMEGA (B) Estate - 2.0 16V	X 20 XEV	1998	1994. 03 ~ 2001. 02	VKMA 05222
	OMEGA (B) Estate - 2.2 16V	Y 22 XE / Z 22 XE	2198	1994. 02 ~ 2003. 06	VKMA 05228
	SIGNUM - 1.8	Z 18 XE	1796	2003. 06 ~ 2005. 07	VKMA 05156
	SINTRA - 2.2 i 16 V	X 22 XE	2198	1996. 11 ~ 1999. 04	VKMA 05228
	TIGRA TwinTop - 1.8	Z 18 XE	1796	2004. 06 ~ 2009. 08	VKMA 05156
	VECTRA (B) - 1.8 i 16V	X 18 XE	1796	1995. 10 ~ 2000. 09	VKMA 05222
	VECTRA (B) - 2.0 i 16V	X 20 XEV	1998	1995. 10 ~ 2001. 01	VKMA 05222
	VECTRA (B) - 2.2 i 16V	C 22 SEL	2198	1995. 08 ~ 2001. 10	VKMA 05228
	VECTRA (B) Estate - 1.8 i 16V	X 18 XE	1796	1996. 11 ~ 2000. 09	VKMA 05222
	VECTRA (B) Estate - 2.0 i 16V	X 20 XEV	1998	1995. 10 ~ 2001. 01	VKMA 05222
	VECTRA (B) Estate - 2.2 i 16V	C 22 SEL	2198	1995. 08 ~ 2001. 10	VKMA 05228
	VECTRA (B) Hatchback - 1.8 i 16V	X 18 XE	1796	1995. 10 ~ 2000. 09	VKMA 05222
VECTRA (B) Hatchback - 2.0 i 16V	X 20 XEV	1998	1995. 10 ~ 2001. 01	VKMA 05222	
VECTRA (B) Hatchback - 2.2 i 16V	C 22 SEL	2198	2000. 09 ~ 2003. 07	VKMA 05228	
VECTRA Mk II (C) - 1.6 16V	Z 16 XE	1598	2004. 06 ~ 2008. 07	VKMA 05156	
VECTRA Mk II (C) - 1.8	Z 18 XEL	1796	2002. 04 ~ 2008. 07	VKMA 05156	
VECTRA Mk II (C) - 1.8 16V	Z 18 XE	1796	2002. 04 ~ 2008. 07	VKMA 05156	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								44 03 144	GT60520	44 00 204	GT60530		
		44 01 430						45 06 092	GT30520				
		44 18 672											
		44 01 430						45 06 092	GT30520				
		44 18 672											
		44 01 430						45 06 092	GT30520				
		44 18 672											
		44 01 430						45 06 092	GT30520				
		44 18 672											
		44 01 430						44 03 144	GT60520	44 00 204	GT60530		
		44 18 672						45 06 092	GT30520				
		44 01 430						45 06 092	GT30520				
		44 18 672											
		44 01 430						45 06 092	GT30520				
		44 18 672											
		44 01 430						44 03 144	GT60520	44 00 204	GT60530		
		44 18 672						45 06 092	GT30520				
6 36 731	GT90230							56 36 395					
6 36 731	GT90230							56 36 395					
6 36 731	GT90230							56 36 395					
6 36 731	GT90230							56 36 395					
6 36 731	GT90230							56 36 395					
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729											
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729											
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729											
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729											
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729											
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729											
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		09158004	GTB0050					09128738	GT90540	09128738	GT90540		
		6 36 723						09128738	GT90540	09128738	GT90540		
		6 36 729											
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VAUXHALL	VECTRA Mk II (C) - 1.8 16V Dualfuel	Z 18 XE	1796	2002. 04 ~ 2008. 07	VKMA 05156
	VECTRA Mk II (C) Estate - 1.6 16V	Z 16 XE	1598	2004. 06 ~ 2008. 07	VKMA 05156
	VECTRA Mk II (C) Estate - 1.8	Z 18 XEL	1796	2002. 04 ~ 2008. 07	VKMA 05156
	VECTRA Mk II (C) Estate - 1.8 16V	Z 18 XE	1796	2003. 10 ~ 2005. 08	VKMA 05156
	VECTRA Mk II (C) GTS - 1.6 16V	Z 16 XE	1598	2004. 06 ~ 2008. 07	VKMA 05156
	VECTRA Mk II (C) GTS - 1.8 16V	Z 18 XE	1796	2002. 08 ~ 2008. 07	VKMA 05156
	VECTRA Mk II (C) GTS - 1.8 16V Dualfuel	Z 18 XE	1796	2002. 08 ~ 2008. 07	VKMA 05156
	VIVARO Box (F7) - 2.5 CDTI	G9U 630 / G9U 730	2464	2006. 08 ~	VKMA 06503
	VIVARO Box (F7) - 2.5 DTI	G9U 730	2463	2004. 04 ~	VKMA 06503
	VIVARO Combi (J7) - 2.5 CDTI	G9U 630 / G9U 730	2464	2006. 01 ~	VKMA 06503
	VIVARO Combi (J7) - 2.5 DTI	G9U 730	2463	2004. 04 ~	VKMA 06503
	VIVARO Platform/Chassis (E7) - 2.5 CDTI	G9U 630 / G9U 730	2463	2003. 04 ~ 2006. 07	VKMA 06503
	VIVARO Platform/Chassis (E7) - 2.5 CDTI	G9U 730	2463	2006. 08 ~	VKMA 06503
	VIVARO Platform/Chassis (E7) - 2.5 CDTI	G9U 630 / G9U 730	2464	2006. 08 ~	VKMA 06503
	ZAFIRA Mk I (A) (F75) - 1.6 16V MOT:02 MV7224, 20 U75998	X 16 XEL / Z 16 XE	1598	1999. 04 ~ 2005. 08	VKMA 05156
	ZAFIRA Mk I (A) (F75) - 1.6 16V MOT:02 MV7225, 20 U75999	X 16 XEL / Z 16 XE	1598	1999. 04 ~ 2005. 08	VKMA 05156
	ZAFIRA Mk I (A) (F75) - 1.6 CNG	Z 16 YNG	1598	2001. 09 ~ 2005. 06	VKMA 05156
	ZAFIRA Mk I (A) (F75) - 1.6 Dualfuel MOT:02 MV7224, 20 U75998	X 16 XEL / Z 16 XE	1598	1998. 11 ~ 2005. 08	VKMA 05156
	ZAFIRA Mk I (A) (F75) - 1.6 Dualfuel MOT:02 MV7225, 20 U75999	X 16 XEL / Z 16 XE	1598	1998. 11 ~ 2005. 08	VKMA 05156
	ZAFIRA Mk I (A) (F75) - 1.8 16V MOT:02 HL5118, 20 041691	X 18 XE1	1796	1999. 05 ~ 2000. 08	VKMA 05156
	ZAFIRA Mk I (A) (F75) - 1.8 16V MOT:02 HL5118, 20 041691	Z 18 XE	1796	2000. 09 ~ 2005. 08	VKMA 05156
	ZAFIRA Mk I (A) (F75) - 1.8 Dualfuel MOT:02 HL5118, 20 041691	Z 18 XE	1796	2000. 09 ~ 2005. 08	VKMA 05156
	ZAFIRA Mk II (B) (M75) - 1.6 CNG	Z 16 YNG	1598	2005. 07 ~	VKMA 05156
	ASTRA Mk III (F) - 1.4 i 16V AC	X 14 XE	1389	1996. 02 ~ 1998. 09	
	ASTRA Mk III (F) - 1.4 I AC	C 14 SE	1389	1992. 04 ~ 1998. 09	
	ASTRA Mk III (F) - 1.6 i 16V AC	X 16 XEL	1598	1994. 08 ~ 1998. 09	
	ASTRA Mk III (F) - 1.6 I AC	X 16 SZ	1598	1994. 08 ~ 1996. 07	
	ASTRA Mk III (F) - 1.6 I AC	C 16 NZ / X 16 SZR	1598	1992. 03 ~ 1998. 09	
	ASTRA Mk III (F) - 1.6 I AC	C 16 SE	1598	1992. 05 ~ 1994. 12	
	ASTRA Mk III (F) Convertible - 1.4 i 16V AC	X 14 XE	1389	1996. 01 ~ 2001. 03	
	ASTRA Mk III (F) Convertible - 1.4 I AC	C 14 SE	1389	1993. 05 ~ 2001. 03	
	ASTRA Mk III (F) Convertible - 1.6 AC	C 16 SE	1598	1994. 03 ~ 1995. 08	
	ASTRA Mk III (F) Convertible - 1.6 I AC	X 16 SZ	1598	1993. 03 ~ 1996. 08	
ASTRA Mk III (F) Convertible - 1.6 I AC	X 16 SZR	1598	1996. 01 ~ 2001. 03		
ASTRA Mk III (F) Estate - 1.4 i 16V AC	X 14 XE	1389	1996. 02 ~ 1998. 01		
ASTRA Mk III (F) Estate - 1.4 I AC	C 14 SE	1389	1991. 03 ~ 1998. 02		
ASTRA Mk III (F) Estate - 1.6 i 16V AC	X 16 XEL	1598	1994. 01 ~ 1998. 02		



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		44 01 430 44 18 672						45 06 092	GT30520				
		44 01 430 44 18 672						45 06 092	GT30520				
		44 01 430 44 18 672						45 06 092	GT30520				
		44 01 430 44 18 672						45 06 092	GT30520				
		44 01 430 44 18 672						45 06 092	GT30520				
		44 01 430 44 18 672						45 06 092	GT30520				
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24426500	GTB0030					55350580	GT60560	55352713	GT30540		
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				
		24412292	GTA0090					90409238	GT70710				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VAUXHALL	ASTRA Mk III (F) Estate - 1.6 I AC	X 16 SZ	1598	1994. 07 ~ 1998. 02	
	ASTRA Mk III (F) Estate - 1.6 I AC	C 16 NZ / E 16 NZ	1598	1991. 09 ~ 1998. 02	
	ASTRA Mk III (F) Estate - 1.6 Si AC	C 16 SE	1598	1991. 03 ~ 1994. 12	
	ASTRA Mk III (F) Hatchback - 1.4 i 16V AC	X 14 XE	1389	1996. 02 ~ 1998. 02	
	ASTRA Mk III (F) Hatchback - 1.4 I AC	C 14 SE	1389	1992. 03 ~ 1998. 02	
	ASTRA Mk III (F) Hatchback - 1.6 i 16V AC	X 16 XEL	1598	1994. 01 ~ 1998. 02	
	ASTRA Mk III (F) Hatchback - 1.6 I AC	X 16 SZ	1598	1994. 07 ~ 1998. 02	
	ASTRA Mk III (F) Hatchback - 1.6 I AC	C 16 NZ	1598	1991. 09 ~ 1998. 02	
	ASTRA Mk III (F) Hatchback - 1.6 I AC	C 16 SE	1598	1992. 03 ~ 1998. 02	
	COMBO Mk I (B) - 1.4 16V AC	X 14 XE	1389	1999. 08 ~ 2001. 10	
	COMBO Mk I (B) - 1.4 AC	C 14 NZ	1389	1994. 07 ~ 2001. 10	
	COMBO Mk I (B) - 1.4 AC	C 14 SE	1389	1994. 07 ~ 2001. 10	
	CORSA Mk I (B) - 1.4 i 16V	X 14 XE	1389	1994. 09 ~ 2000. 09	
	CORSA Mk I (B) - 1.4 I AC	C 14 NZ / X 14 SZ	1389	1993. 03 ~ 2000. 09	
	CORSA Mk I (B) - 1.4 i S	C 14 SE	1389	1993. 03 ~ 2000. 09	
	CORSA Mk I (B) - 1.6 GSI 16V	C 16 XE	1598	1993. 03 ~ 2000. 09	
	CORSA Mk I (B) - 1.6 i 16V	C 16 SEL	1598	1997. 08 ~ 2000. 09	
	CORSA Mk I (B) - 1.6 i 16V	X 16 XE	1598	1994. 09 ~ 2000. 09	
	ASTRA Mk II Hatchback - 1.8 GTE MOT:14 056061	18 E / 18 SE	1796	1984. 09 ~ 1991. 08	VKMA 05402
	ASTRA Mk II Hatchback - 2.0 GTE MOT:14 608701	20 NE / 20 SHE / C 20 NE	1998	1986. 09 ~ 1991. 08	VKMA 05402
	ASTRA Mk II Belmont - 1.8 MOT:14 056061	18 SE	1796	1986. 01 ~ 1990. 12	VKMA 05402
	ASTRA Mk II Belmont - 1.8 I MOT:14 056061	18 E / 18 SE	1796	1985. 09 ~ 1991. 08	VKMA 05402
	ASTRA Mk II Estate - 1.8 I MOT:14 056061	18 E	1796	1990. 01 ~ 1991. 08	VKMA 05402
	ASTRA Mk II Convertible - 2.0 I MOT:14 608701	20 NE	1998	1987. 01 ~ 1991. 12	VKMA 05402
	ASTRA Mk II Convertible - 2.0 i CAT MOT:14 608701	C 20 NE	1998	1991. 01 ~ 1993. 08	VKMA 05402
	ASTRA Mk III (F) - 1.8 I MOT:14 254439	C 18 NZ	1796	1992. 03 ~ 1998. 09	VKMA 05402
	ASTRA Mk III (F) - 2.0 I MOT:14 608701	C 20 NE	1998	1992. 03 ~ 1998. 09	VKMA 05402
	ASTRA Mk III (F) Hatchback - 1.8 I MOT:14 254439	C 18 NZ	1796	1991. 09 ~ 1998. 02	VKMA 05402
	ASTRA Mk III (F) Hatchback - 2.0 I MOT:14 608701	C 20 NE	1998	1991. 09 ~ 1998. 02	VKMA 05402
	CALIBRA - 2.0 I MOT:14 608702	C 20 NE	1998	1990. 06 ~ 1997. 07	VKMA 05402
	CALIBRA - 2.0 i 4x4 MOT:14 608702	C 20 NE	1998	1990. 06 ~ 1997. 07	VKMA 05402
	CARLTON Mk III - 1.8 N MOT:14 270601	18 NV	1796	1986. 09 ~ 1987.08	VKMA 05402
	CARLTON Mk III - 1.8 S MOT: 14 270601	18 SV	1796	1986. 09 ~ 1994. 03	VKMA 05402
CARLTON Mk III - 1.8 I MOT: 14 270601	18 SHE	1796	1986. 09 ~ 1994. 03	VKMA 05402	
CARLTON Mk III - 2.0 MOT:14 608701	C 20 NE	1998	1990. 09 ~ 1994. 03	VKMA 05402	
CARLTON Mk III - 2.0 MOT:14 608701	C 20 NE	1998	1986. 09 ~ 1994. 03	VKMA 05402	
VOLVO	240 (P242, P244) - 2.0	B 19 A / B 19 K	1986	1978. 09 ~ 1983. 08	VKMA 06300





## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VOLVO	240 (P242, P244) - 2.1	B 21 A	2127	1975. 08 ~ 1980. 07	VKMA 06300
	240 (P242, P244) - 2.1	B 21 A	2127	1980. 08 ~ 1984. 07	VKMA 06300
	240 (P242, P244) - 2.1	B 21 E	2127	1974. 08 ~ 1980. 07	VKMA 06300
	240 (P242, P244) - 2.1 Turbo	B 21 ET	2127	1980. 08 ~ 1984. 07	VKMA 06300
	240 (P242, P244) - 2.3	B 230 A	2315	1984. 08 ~ 1986. 07	VKMA 06300
	240 (P242, P244) - 2.3	B 23 A	2315	1980. 08 ~ 1984. 07	VKMA 06300
	240 (P242, P244) - 2.3	B 230 F	2315	1986. 08 ~ 1987. 07	VKMA 06300
	240 (P242, P244) - 2.3	B 230 K	2316	1986. 08 ~ 1988. 12	VKMA 06300
	240 (P242, P244) - 2.3	B 230 E	2316	1983. 08 ~ 1985. 07	VKMA 06300
	240 (P242, P244) - 2.3	B 23 E	2316	1984. 08 ~ 1989. 12	VKMA 06300
	240 (P242, P244) - 2.3	B 23 E / B 230 FX	2316	1980. 08 ~ 1983. 07	VKMA 06300
	240 (P242, P244) - 2.3	B 23 E	2316	1978. 08 ~ 1980. 07	VKMA 06300
	240 (P242, P244) - 2.3 i CAT	B 230 F	2316	1986. 08 ~ 1992. 12	VKMA 06300
	240 (P242, P244) - 2.4 Diesel	D 24	2383	1987. 08 ~ 1993. 08	VKMA 01040
	240 (P242, P244) - 2.4 Diesel	D 24	2383	1987. 08 ~ 1985. 07	VKMA 01040
	240 Kombi (P245) - 2.4 Diesel	D 24	2383	1988. 08 ~ 1993. 08	VKMA 01040
	240 Kombi (P245) - 2.4 Diesel	D 24	2383	1979. 04 ~ 1993. 08	VKMA 01040
	340-360 (343, 345) - 1.6 Diesel MOT:32768	D 16	1596	1984. 08 ~ 1991. 07	VKMA 06111
	340-360 (343, 345) - 1.7 MOT:51892	B 17 2 K	1721	1985. 08 ~ 1991. 07	VKMA 06101
	340-360 (343, 345) - 2.0	B 19 A	1986	1980. 08 ~ 1984. 07	VKMA 06300
	340-360 (343, 345) - 2.0	B 19 A	1986	1983. 08 ~ 1984. 07	VKMA 06300
	340-360 (343, 345) - 2.0	B 19 A / B 200 K	1986	1980. 08 ~ 1983. 07	VKMA 06300
	340-360 (343, 345) - 2.0	B 200 F	1986	1988. 08 ~ 1989. 07	VKMA 06300
	340-360 (343, 345) - 2.0	B 200 F	1986	1987. 08 ~ 1988. 07	VKMA 06300
	340-360 (343, 345) - 2.0	B 200 E / B 200 F	1986	1986. 08 ~ 1988. 07	VKMA 06300
	340-360 (343, 345) - 2.0	B 19 E	1986	1982. 08 ~ 1984. 07	VKMA 06300
	340-360 (343, 345) - 2.0	B 200 E	1986	1984. 08 ~ 1986. 07	VKMA 06300
	340-360 Saloon (344) - 1.6 Diesel MOT:32768	D 16	1596	1984. 08 ~ 1991. 07	VKMA 06111
	340-360 Saloon (344) - 1.7 MOT:51892	B 17 2 K	1721	1985. 08 ~ 1991. 07	VKMA 06101
	440 K (445) - 1.6	B 16 F	1596	1988. 09 ~ 1996. 12	VKMA 06101
	440 K (445) - 1.6	B 16 FI	1596	1991. 09 ~ 1993. 08	VKMA 06101
	440 K (445) - 1.7	B 18 KD	1721	1988. 09 ~ 1992. 08	VKMA 06101
	440 K (445) - 1.7	B 18 KP	1721	1988. 09 ~ 1996. 12	VKMA 06101
440 K (445) - 1.7	B 18 F	1721	1988. 08 ~ 1989. 07	VKMA 06101	
440 K (445) - 1.7	B 18 FP	1721	1989. 08 ~ 1996. 12	VKMA 06101	
440 K (445) - 1.7	B 18 EP	1721	1988. 09 ~ 1996. 12	VKMA 06101	
440 K (445) - 1.7 Turbo	B 18 FT	1721	1988. 08 ~ 1996. 07	VKMA 06101	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
								1257118	GT60430				
								1257118	GT60430				
								1257118	GT60430				
								1257118	GT60430				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VOLVO	440 K (445) - 1.7 Turbo	B 18 FT	1721	1991. 01 ~ 1996. 12	VKMA 06101
	440 K (445) - 1.8	B 18 U	1794	1995. 09 ~ 1996. 12	VKMA 06101
	440 K (445) - 1.8	B 18 U	1794	1991. 08 ~ 1996. 07	VKMA 06101
	440 K (445) - 1.9 Turbo-Diesel	D 19 T	1870	1994. 07 ~ 1996. 12	VKMA 06111
	440 K (445) - 2.0	B 20 F	1998	1993. 08 ~ 1996. 07	VKMA 06103
	440 K (445) - 2.0	B 20 F	1998	1992. 08 ~ 1995. 07	VKMA 06103
	460 L (464) - 1.6	B 16 F	1596	1992. 07 ~ 1996. 07	VKMA 06101
	460 L (464) - 1.7	B 18 KD	1721	1989. 09 ~ 1991. 08	VKMA 06101
	460 L (464) - 1.7	B 18 KP	1721	1988. 09 ~ 1996. 07	VKMA 06101
	460 L (464) - 1.7	B 18 KP	1721	1990. 09 ~ 1996. 07	VKMA 06101
	460 L (464) - 1.7	B 18 EP	1721	1989. 08 ~ 1992. 07	VKMA 06101
	460 L (464) - 1.7	B 18 E	1721	1989. 08 ~ 1992. 07	VKMA 06101
	460 L (464) - 1.7 Turbo	B 18 FT	1721	1989. 08 ~ 1996. 07	VKMA 06101
	460 L (464) - 1.7 Turbo	B 18 FT	1721	1991. 01 ~ 1996. 07	VKMA 06101
	460 L (464) - 1.8	B 18 U	1794	1991. 08 ~ 1996. 07	VKMA 06101
	460 L (464) - 1.9 Turbo-Diesel	D 19 T	1870	1994. 07 ~ 1996. 07	VKMA 06111
	460 L (464) - 2.0	B 20 F	1998	1993. 08 ~ 1996. 07	VKMA 06103
	460 L (464) - 2.0	B 20 F	1998	1992. 08 ~ 1995. 07	VKMA 06103
	480 E - 1.7 MOT:16530	B 18 EP	1721	1989. 08 ~ 1996. 07	VKMA 06101
	480 E - 1.7 MOT:16530	B 18 E	1721	1986. 04 ~ 1989. 07	VKMA 06101
	480 E - 1.7 MOT:16530	B 18 E	1721	1986. 08 ~ 1988. 07	VKMA 06101
	480 E - 1.7 MOT:1726	B 18 F	1721	1989. 08 ~ 1989. 07	VKMA 06101
	480 E - 1.7 Turbo MOT:1456	B 18 FT	1721	1987. 08 ~ 1996. 07	VKMA 06101
	480 E - 1.7 Turbo MOT:1456	B 18 FT	1721	1991. 01 ~ 1996. 07	VKMA 06101
	480 E - 2.0	B 20 F	1998	1992. 08 ~ 1995. 09	VKMA 06103
	740 (744) - 2.0	B 200 K	1986	1988. 09 ~ 1990. 08	VKMA 06300
	740 (744) - 2.0	B 200 E	1986	1987. 01 ~ 1988. 08	VKMA 06300
	740 (744) - 2.0	B 200 ET	1986	1986. 01 ~ 1990. 08	VKMA 06300
	740 (744) - 2.0	B 200 ET	1986	1985. 01 ~ 1985. 12	VKMA 06300
	740 (744) - 2.3	B 230 F	2315	1985. 09 ~ 1989. 12	VKMA 06300
	740 (744) - 2.3	B 230 A	2316	1984. 08 ~ 1986. 07	VKMA 06300
	740 (744) - 2.3	B 23 A / B 230 F	2316	1984. 08 ~ 1990. 07	VKMA 06300
740 (744) - 2.3	B 230 F	2316	1987. 08 ~ 1992. 07	VKMA 06300	
740 (744) - 2.3	B 230 K	2316	1986. 08 ~ 1988. 07	VKMA 06300	
740 (744) - 2.3	B 23 E	2316	1983. 08 ~ 1984. 07	VKMA 06300	
740 (744) - 2.3	B 230 E	2316	1984. 08 ~ 1988. 07	VKMA 06300	
740 (744) - 2.3	B 230 FB	2316	1988. 08 ~ 1990. 07	VKMA 06300	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VOLVO	740 (744) - 2.3 Turbo	B 230 FT	2316	1986.08 ~ 1989.07	VKMA 06300
	740 (744) - 2.3 Turbo	B 230 FT	2316	1989.08 ~ 1990.07	VKMA 06300
	740 (744) - 2.3 Turbo	B 230 FT	2316	1989.09 ~ 1991.08	VKMA 06300
	740 (744) - 2.3 Turbo	B 230 ET	2316	1985.08 ~ 1988.12	VKMA 06300
	740 (744) - 2.3 Turbo	B 230 FT	2316	1989.08 ~ 1990.07	VKMA 06300
	740 (744) - 2.4 Diesel	D 24	2383	1984.08 ~ 1992.07	VKMA 01040
	740 (744) - 2.4 TD	D 24 T	2383	1985.08 ~ 1987.07	VKMA 01040
	740 (744) - 2.4 TD	D 24 T	2383	1984.08 ~ 1990.07	VKMA 01040
	740 (744) - 2.4 TD	D 24 TIC	2383	1986.08 ~ 1988.10	VKMA 01040
	740 Kombi (745) - 2.0	B 200 K	1986	1988.09 ~ 1990.08	VKMA 06300
	740 Kombi (745) - 2.0	B 200 ET	1986	1989.08 ~ 1991.07	VKMA 06300
	740 Kombi (745) - 2.0	B 200 E	1986	1987.07 ~ 1988.08	VKMA 06300
	740 Kombi (745) - 2.3	B 230 F	2315	1985.08 ~ 1989.12	VKMA 06300
	740 Kombi (745) - 2.3	B 230 A	2316	1985.08 ~ 1986.07	VKMA 06300
	740 Kombi (745) - 2.3	B 230 K	2316	1985.09 ~ 1990.07	VKMA 06300
	740 Kombi (745) - 2.3	B 230 F	2316	1987.08 ~ 1992.07	VKMA 06300
	740 Kombi (745) - 2.3	B 230 E	2316	1985.08 ~ 1988.07	VKMA 06300
	740 Kombi (745) - 2.3	B 230 FB	2316	1989.08 ~ 1990.07	VKMA 06300
	740 Kombi (745) - 2.3 Turbo	B 230 FT	2316	1986.08 ~ 1989.07	VKMA 06300
	740 Kombi (745) - 2.3 Turbo	B 230 FT / B 230 GT	2316	1989.08 ~ 1990.07	VKMA 06300
	740 Kombi (745) - 2.3 Turbo	B 230 FT	2316	1989.09 ~ 1991.08	VKMA 06300
	740 Kombi (745) - 2.3 Turbo	B 230 ET	2316	1985.08 ~ 1988.07	VKMA 06300
	740 Kombi (745) - 2.3 Turbo	B 230 FT	2316	1989.08 ~ 1990.07	VKMA 06300
	740 Kombi (745) - 2.4 Diesel	D 24	2383	1985.08 ~ 1988.07	VKMA 01040
	740 Kombi (745) - 2.4 TD Interc.	D 24 TIC	2383	1985.09 ~ 1992.07	VKMA 01040
	740 Kombi (745) - 2.4 Turbo-Diesel	D 24 T	2383	1985.09 ~ 1992.07	VKMA 01040
	760 (704, 764) - 2.3	B 230 FT	2316	1988.01 ~ 1992.07	VKMA 06300
	760 (704, 764) - 2.3 Turbo (704)	B 23 ET / B 23 FT	2315	1982.08 ~ 1984.07	VKMA 06300
	760 (704, 764) - 2.3 Turbo (704)	B 230 ET / B 230 K	2316	1984.08 ~ 1988.10	VKMA 06300
	760 (704, 764) - 2.4 TD Interc. (704)	D 24 TIC	2383	1987.08 ~ 1992.07	VKMA 01040
	760 (704, 764) - 2.4 Turbo Diesel (704)	D 24 T	2383	1987.04 ~ 1992.07	VKMA 01040
	760 (704, 764) - 2.4 Turbo Diesel (704)	D 24 T	2383	1982.08 ~ 1987.07	VKMA 01040
	760 Kombi (704, 765) - 2.3 Turbo	B 230 ET	2316	1984.08 ~ 1990.08	VKMA 06300
	760 Kombi (704, 765) - 2.4 TD Interc. (765)	D 24 TIC	2383	1987.08 ~ 1992.07	VKMA 01040
	940 (944) - 2.0	B 200 E / B 200 F / B 200 G	1986	1992.01 ~ 1992.12	VKMA 06300
	940 (944) - 2.0 Turbo	B 200 FT	1986	1990.08 ~ 1992.12	VKMA 06300
940 (944) - 2.3	B 230 FD / B 230 E / B 230 G / B 230 FT / B 230 FB	2316	1992.08 ~ 1992.12	VKMA 06300	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
								1257118	GT60430				
								1257118	GT60430				
								1257118	GT60430				
								1257118	GT60430				
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
								1257118	GT60430				
								1257118	GT60430				
								1257118	GT60430				
463633	GT90140												
463633	GT90140												
463633	GT90140												
								1257118	GT60430				
								1257118	GT60430				
								1257118	GT60430				
463633	GT90140												
								1257118	GT60430				
463633	GT90140												
463633	GT90140												
463633	GT90140												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VOLVO	940 (944) - 2.3 Turbo	B 230 FT	2316	1990. 08 ~ 1992. 12	VKMA 06300
	940 (944) - 2.3 Turbo	B 230 GT	2316	1991. 08 ~ 1992. 12	VKMA 06300
	940 (944) - 2.4 D	D 24	2383	1990. 08 ~ 1994. 12	VKMA 01040
	940 II (944) - 2.0	B 200 G	1986	1994. 11 ~ 1995. 12	VKMA 06301
	940 II (944) - 2.0 Turbo	B 200 FT	1986	1996. 04 ~ 1998. 10	VKMA 06301
	940 II (944) - 2.3	B 230 FD	2316	1994. 08 ~ 1995. 07	VKMA 06301
	940 II (944) - 2.3	B 230 FB	2316	1994. 08 ~ 1998. 10	VKMA 06301
	940 II (944) - 2.3 ti	B 230 FK	2316	1995. 01 ~ 1998. 10	VKMA 06301
	940 II (944) - 2.3 Turbo	B 230 FT	2316	1994. 08 ~ 1998. 10	VKMA 06301
	940 II Estate (945) - 2.3 Turbo	B 230 FT	2316	1995. 08 ~ 1998. 10	VKMA 06301
	940 Kombi (945) - 2.0	B 200 F	1986	1992. 01 ~ 1992. 12	VKMA 06300
	940 Kombi (945) - 2.0 Turbo	B 200 FT	1986	1991. 01 ~ 1992. 12	VKMA 06300
	940 Kombi (945) - 2.3	B 230 FD	2316	1993. 01 ~ 1994. 07	VKMA 06301
	940 Kombi (945) - 2.4 D	D 24	2383	1990. 08 ~ 1994. 12	VKMA 01040
	960 (964) - 2.3 Turbo	B 230 FT	2316	1990. 09 ~ 1993. 08	VKMA 06300
	960 (964) - 2.3 Turbo	B 230 FT	2316	1990. 09 ~ 1993. 08	VKMA 06300
	960 Kombi (965) - 2.3 Turbo	B 230 FT	2316	1990. 09 ~ 1993. 08	VKMA 06300
	C30 - D3	D 5204 T5	1984	2010. 10 ~ 2012. 12	VKMA 06220
	C30 - D4	D 5204 T	1984	2010. 10 ~ 2012. 12	VKMA 06220
	C30 - D5	D 5244 T13	2400	2006. 10 ~ 2012. 12	VKMA 06220
	C30 - D5	D 5244 T9	2400	2006. 10 ~ 2012. 12	VKMA 06220
	C30 - D5	D 5244 T8	2400	2006. 10 ~ 2012. 12	VKMA 06220
	C70 II Convertible - D3	D 5204 T5	1984	2010. 10 ~	VKMA 06220
	C70 II Convertible - D4	D 5204 T	1984	2010. 10 ~	VKMA 06220
	C70 II Convertible - D5	D 5244 T13 / D 5244 T8	2400	2006. 03 ~	VKMA 06220
	S40 I (VS) - 1.8 i	B 4184 SJ	1834	2001. 06 ~ 2003. 12	VKMA 95624
	S40 I (VS) - 1.8 i	B 4184 SM	1834	1998. 03 ~ 2003. 12	VKMA 95624
	S40 I (VS) - 1.9 DI	D 4192 T2	1870	1999. 03 ~ 2000. 07	VKMA 06115
	S40 I (VS) - 1.9 DI TP	D 4192 T2	1870	1999. 03 ~ 2000. 07	VKMA 06125
	S40 I (VS) - 1.9 TD MOT:3534	D 4192 T	1870	1995. 07 ~ 1999. 08	VKMA 06111
	S40 I (VS) - 1.9 TD MOT:3535	D 4192 T	1870	1995. 07 ~ 1999. 08	VKMA 06114
	S40 I (VS) - 1.9 TD TP, MOT:3535	D 4192 T	1870	1995. 07 ~ 1999. 08	VKMA 06124
	S40 II (MS) - 2.4 D5	D 5244 T13 / D 5244 T8 / D 5254 T9	2400	2006. 03 ~	VKMA 06220
S40 II (MS) - D3	D 5204 T5	1984	2010. 10 ~	VKMA 06220	
S40 II (MS) - D4	D 5204 T	1984	2010. 10 ~	VKMA 06220	
S60 - 2.4 D	D 5244 T6 / D 5244 T7	2401	2005. 09 ~ 2010. 04	VKMA 06220	
S60 - 2.4 D	D 5244 T2	2401	2001. 12 ~ 2010. 04	VKMA 06220	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
463633	GT90140												
463633	GT90140							1257118	GT60430				
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140												
463633	GT90140							1257118	GT60430				
463633	GT90140												
463633	GT90140												
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
30873954	GT70320							MD 121993	GT10050				
30873954	GT70320							MD 121993	GT10050				
30855993	GT60100							8642248					
30855993	GT60100							8642248		30750739	GT50540		
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110	30750739	GT50540		
								8692561	GT60640				
								8692561	GT60640				
								8692561	GT60640				
								8692561	GT60640				
								8692561	GT60640				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VOLVO	S60 - 2.4 D	D 5244 T5	2400	2005. 09 ~ 2009. 01	VKMA 06220
	S60 - 2.4 D5	D 5244 T	2401	2001. 07 ~ 2010. 04	VKMA 06220
	S60 - 2.4 D5	D 5244 T4	2401	2005. 09 ~ 2010. 04	VKMA 06220
	S60 II - D3	D 5204 T7	1984	2012. 05 ~	VKMA 06220
	S60 II - D3	D 5204 T2	1984	2010. 04 ~ 2012. 04	VKMA 06220
	S60 II - D4	D 5204 T3	1984	2012. 05 ~	VKMA 06220
	S60 II - D5	D 5244 T10	2400	2010. 04 ~	VKMA 06220
	S60 II - D5	D 5244 T11 / D 5244 T15	2400	2011. 06 ~	VKMA 06220
	S80 I (TS, XY) - 2.4 D	D 5244 T2	2401	2001. 10 ~ 2006. 07	VKMA 06220
	S80 I (TS, XY) - 2.4 D5	D 5244 T	2401	2001. 08 ~ 2006. 07	VKMA 06220
	S80 I (TS, XY) - 2.8 T6	6284 T	2783	1998. 05 ~ 1999. 12	VKMA 06560
	S80 I (TS, XY) - 2.8 T6	B 6284 T	2783	1998. 05 ~ 2006. 07	VKMA 06800
	S80 I (TS, XY) - 2.9	B 6304 S3	2922	1998. 05 ~ 1999. 12	VKMA 06560
	S80 I (TS, XY) - 3.0	B 6294 S2	2922	2001. 06 ~ 2006. 07	VKMA 06800
	S80 II (AS) - 2.4 D	D 5244 T / D 5244 T5	2400	2006. 03 ~	VKMA 06220
	S80 II (AS) - 2.4 D5	D 5244 T4	2400	2006. 03 ~	VKMA 06220
	S80 II (AS) - 2.4 D5	D 5244 T10	2400	2010. 01 ~	VKMA 06220
	S80 II (AS) - 2.4 D5 AWD	D 5244 T4	2400	2007. 01 ~	VKMA 06220
	S80 II (AS) - 2.4 D5 AWD	D 5244 T10	2400	2010. 01 ~	VKMA 06220
	S80 II (AS) - D3 / D4	D 5204 T2 / D 5204 T3	1984	2010. 01 ~	VKMA 06220
	S80 II (AS) - D5	D 5244 T11 / D 5244 T15	2400	2011. 06 ~	VKMA 06220
	S80 II (AS) - D5 AWD	D 5244 T11 / D 5244 T15	2400	2011. 06 ~	VKMA 06220
	V40 Estate (VW) - 1.8 i	B 4184 SJ	1834	2001. 06 ~ 2004. 06	VKMA 95624
	V40 Estate (VW) - 1.8 i	B 4184 SM	1834	1998. 03 ~ 2004. 06	VKMA 95624
	V40 Estate (VW) - 1.9 DI	D 4192 T2	1870	1999. 03 ~ 2000. 07	VKMA 06115
	V40 Estate (VW) - 1.9 DI TP	D 4192 T2	1870	1999. 03 ~ 2000. 07	VKMA 06125
	V40 Estate (VW) - 1.9 TD MOT:3534	D 4192 T	1870	1995. 07 ~ 1999. 08	VKMA 06111
	V40 Estate (VW) - 1.9 TD MOT:3535	D 4192 T	1870	1995. 07 ~ 1999. 08	VKMA 06114
	V40 Estate (VW) - 1.9 TD TP, MOT:3535	D 4192 T	1870	1995. 07 ~ 1999. 08	VKMA 06124
	V40 Hatchback - D3	D 5204 T6	1984	2012. 03 ~	VKMA 06220
	V40 Hatchback - D4	D 5204 T4	1984	2012. 03 ~	VKMA 06220
	V50 (MW) - 2.4 D5	D 5244 T13 / D 5244 T8	2400	2006. 03 ~	VKMA 06220
	V50 (MW) - 2.4 Tdi	D 5244 T9	2400	2007. 05 ~	VKMA 06220
V50 (MW) - D3	D 5204 T5	1984	2010. 10 ~	VKMA 06220	
V50 (MW) - D4	D 5204 T	1984	2010. 10 ~	VKMA 06220	
V60 - D3	D 5204 T7	1984	2012. 12 ~	VKMA 06220	
V60 - D5	D 5244 T10	2400	2010. 09 ~	VKMA 06220	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
9180687								8692561	GT60640				
		30622153						8692561	GT60640				
		30638276											
9180687								8692561	GT60640				
		30622153						8692561	GT60640				
		30638276											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
30873954	GT70320							MD 121993	GT10050				
30873954	GT70320							MD 121993	GT10050				
30855993	GT60100							8642248					
30855993	GT60100							8642248		30750739	GT50540		
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110				
30855993	GT60100							30621261	GT60110	30750739	GT50540		
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VOLVO	V60 - D5 AWD	D 5244 T10	2400	2010. 09 ~	VKMA 06220
	V70 II (SW) - 2.4 D5	D 5244 T / D 5244 T5	2401	2001. 08 ~ 2007. 08	VKMA 06220
	V70 II (SW) - 2.4 D5	D 5244 T4	2401	2005. 12 ~ 2007. 08	VKMA 06220
	V70 II (SW) - 2.4 D5 AWD	D 5244 T2 / D 5244 T5	2401	2003. 03 ~ 2007. 08	VKMA 06220
	V70 II (SW) - 2.4 D5 AWD	D 5244 T4	2401	2005. 12 ~ 2007. 08	VKMA 06220
	V70 III (BW) - D3 / D4	D 5204 T2 / D 5204 T3	1984	2010. 03 ~	VKMA 06220
	V70 III (BW) - D5	D 5244 T4	2400	2007. 08 ~	VKMA 06220
	V70 III (BW) - D5	D 5244 T10	2400	2009. 12 ~	VKMA 06220
	V70 III (BW) - D5	D 5244 T11 / D 5244 T15	2400	2011. 06 ~	VKMA 06220
	V70 III (BW) - D5 AWD	D 5244 T4	2400	2007. 10 ~	VKMA 06220
	V70 III (BW) - D5 AWD	D 5244 T10	2400	2009. 12 ~	VKMA 06220
	V70 III (BW) - D5 AWD	D 5244 T11 / D 5244 T15	2400	2011. 06 ~	VKMA 06220
	XC60 - D3 / D4	D 5244 T2	1984	2010. 03 ~	VKMA 06220
	XC60 - D5	D 5244 T11	2400	2011. 06 ~	VKMA 06220
	XC60 - D5 AWD	D 5244 T4	2400	2008. 05 ~	VKMA 06220
	XC60 - D5 AWD	D 5244 T10	2400	2009. 07 ~	VKMA 06220
	XC60 - D5 AWD	D 5244 T11 / D 5244 T15	2400	2011. 06 ~	VKMA 06220
	XC70 CROSS COUNTRY - 2.4 D5 AWD	D 5244 T4	2401	2005. 12 ~ 2007. 08	VKMA 06220
	XC70 CROSS COUNTRY - 2.4 D5 XC AWD	D 5244 T	2401	2002. 09 ~ 2007. 08	VKMA 06220
	XC70 II - 2.4 D	D 5244 T14	2400	2010. 01 ~	VKMA 06220
	XC70 II - 2.4 D / D4 AWD	D 5244 T16 / D 5244 T17 / D 5244 T5	2400	2007. 08 ~	VKMA 06220
	XC70 II - D3	D 5204 T2 / D 5204 T3	1984	2011. 08 ~	VKMA 06220
	XC70 II - D3 AWD	D 5204 T2	1984	2011. 08 ~	VKMA 06220
	XC70 II - D5 AWD	D 5244 T4	2400	2007. 08 ~	VKMA 06220
	XC70 II - D5 AWD	D 5244 T10	2400	2009. 12 ~	VKMA 06220
	XC70 II - D5 AWD	D 5244 T11 / D 5244 T15	2400	2011. 06 ~	VKMA 06220
	XC90 - D5	D 5244 T18	2400	2011. 01 ~	VKMA 06220
	C30 - 2.4 I MOT:3887615	B 5244 S4	2435	2006. 10 ~ 2012. 12	VKMA 06038
	C30 - T5 MOT:3887615	B 5254 T3	2521	2006. 10 ~ 2012. 12	VKMA 06038
	C30 - T5 MOT:3887615	B 5254 T7	2521	2007. 03 ~ 2012. 12	VKMA 06038
	V40 Hatchback - T5	B 5204 T9	1984	2013. 03 ~	VKMA 06038
	V40 Hatchback - T5 AWD	B 5204 T9	1984	2013. 03 ~	VKMA 06038
	V40 Hatchback - T5	B 5254 T12	2497	2012. 12 ~	VKMA 06038
V40 Hatchback - T5 AWD	B 5254 T12	2497	2013. 01 ~	VKMA 06038	
S40 II (MS) - 2.4 MOT:3887615	B 5244 S5	2435	2004. 01 ~	VKMA 06038	
S40 II (MS) - 2.4 MOT:3887615	B 5244 S4	2435	2004. 01 ~	VKMA 06038	
S40 II (MS) - 2.4 AWD MOT:3887615	B 5244 S4	2435	2006. 08 ~	VKMA 06038	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30638278						8692561	GT60640				
		30677134											
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VOLVO	S40 II (MS) - T5 MOT:3887615	B 5254 T3	2521	2004. 01 ~	VKMA 06038
	S40 II (MS) - T5 AWD MOT:3887615	B 5254 T3	2521	2004. 04 ~	VKMA 06038
	S40 II (MS) - T5 MOT:3887615	B 5254 T7	2521	2007. 03 ~	VKMA 06038
	S40 II (MS) - T5 AWD MOT:3887615	B 5254 T7	2521	2007. 03 ~	VKMA 06038
VW	AMAROK - 2.0 BiTDI	CDCA	1968	2010. 09 ~ 2010. 11	VKMA 01269
	AMAROK - 2.0 BiTDI 4motion	CDCA	1968	2010. 09 ~ 2010. 11	VKMA 01269
	AMAROK - 2.0 TDI	CDBA / CNFA	1968	2010. 09 ~ 2010. 11	VKMA 01269
	AMAROK - 2.0 TDI 4motion	CDBA / CNFA	1968	2010. 09 ~ 2010. 11	VKMA 01269
	BEETLE (5C1) - 1.6 TDI	CAYC	1598	2011. 10 ~ 2012. 04	VKMA 01269
	BEETLE (5C1) - 2.0 TDI	CJAA	1968	2011. 04 ~ 2012. 04	VKMA 01263
	BEETLE (5C1) - 2.0 TDI	CFFB	1968	2011. 04 ~	VKMA 01148
	BEETLE Convertible (5C7) - 1.6 TDI	CAYC	1598	2012. 12 ~	VKMA 01269
	BEETLE Convertible (5C7) - 2.0 TDI	CJAA	1968	2012. 12 ~	VKMA 01263
	BEETLE Convertible (5C7) - 2.0 TDI	CFFB	1968	2012. 12 ~	VKMA 01148
	BORA (1J2) - 1.4 16V	APE / AXP / BCA	1390	2000. 03 ~ 2005. 05	VKMA 01121
	BORA (1J2) - 1.4 16V (160 000)	AHW	1390	2000. 03 ~ 2005. 05	VKMA 01120
	BORA (1J2) - 1.4 16V (160 001)	AHW	1390	2000. 03 ~ 2005. 05	VKMA 01121
	BORA (1J2) - 1.4 16V (242 000)	AKQ	1390	2000. 03 ~ 2005. 05	VKMA 01120
	BORA (1J2) - 1.4 16V (242 001)	AKQ	1390	2000. 03 ~ 2005. 05	VKMA 01121
	BORA (1J2) - 1.6 16V	ATN / AUS / AZD / BCB	1598	2000. 05 ~ 2005. 05	VKMA 01121
	BORA (1J2) - 1.6 FSI	BAD	1598	2002. 01 ~ 2005. 05	VKMA 01121
	BORA (1J2) - 1.8	AGN / BAF	1781	1998. 10 ~ 2005. 05	VKMA 01135
	BORA (1J2) - 1.8 (CH:1J-Y-850 001)	AGN / BAF	1781	1998. 10 ~ 2005. 05	VKMA 01136
	BORA (1J2) - 1.8 4motion	AGN	1781	1999. 02 ~ 2005. 05	VKMA 01135
	BORA (1J2) - 1.8 4motion (CH:1J-Y-850 001)	AGN	1781	1999. 02 ~ 2005. 05	VKMA 01136
	BORA (1J2) - 1.8 T	AGU / ARX / AUM / BAE	1781	2000. 05 ~ 2005. 05	VKMA 01135
	BORA (1J2) - 1.8 T	AUQ	1781	2002. 03 ~ 2005. 05	VKMA 01136
	BORA (1J2) - 1.8 T (CH:1J-Y-850 001)	AGU / ARX / AUM / BAE	1781	2000. 05 ~ 2005. 05	VKMA 01136
	BORA (1J2) - 1.9 SDI (045 000)	AQM	1896	1998. 10 ~ 2005. 05	VKMA 01130
	BORA (1J2) - 1.9 SDI (045 001)	AQM	1896	1998. 10 ~ 2005. 05	VKMA 01251
	BORA (1J2) - 1.9 SDI (400 000)	AGP	1896	1998. 10 ~ 2005. 05	VKMA 01130
	BORA (1J2) - 1.9 SDI (400 001)	AGP	1896	1998. 10 ~ 2005. 05	VKMA 01251
	BORA (1J2) - 1.9 TDI	AXR	1896	2002. 01 ~ 2002. 12	VKMA 01250
	BORA (1J2) - 1.9 TDI	AHF / ASV	1896	1998. 10 ~ 2001. 06	VKMA 01251
	BORA (1J2) - 1.9 TDI	ATD	1896	2000. 09 ~ 2005. 05	VKMA 01142
	BORA (1J2) - 1.9 TDI	AXR	1896	2000. 09 ~ 2005. 05	VKMA 01142
BORA (1J2) - 1.9 TDI	AUY	1896	1998. 12 ~ 2002. 01	VKMA 01142	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		30637955	GTB0330					8630590					
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	BORA (1J2) - 1.9 TDI	ASZ	1896	2000. 11 ~ 2005. 05	VKMA 01142
	BORA (1J2) - 1.9 TDI	ARL	1896	2000. 05 ~ 2002. 12	VKMA 01142
	BORA (1J2) - 1.9 TDI (185 670)	AJM	1896	1998. 12 ~ 2002. 01	VKMA 01143
	BORA (1J2) - 1.9 TDI (185 671)	AJM	1896	1998. 12 ~ 2002. 01	VKMA 01142
	BORA (1J2) - 1.9 TDI (1J-2-525 001, 1J-2D352 774)	ATD	1896	2002. 01 ~ 2002. 12	VKMA 01250
	BORA (1J2) - 1.9 TDI 4motion	ATD	1896	2002. 01 ~ 2002. 12	VKMA 01250
	BORA (1J2) - 1.9 TDI 4motion	AGR	1896	1999. 02 ~ 2001. 06	VKMA 01251
	BORA (1J2) - 1.9 TDI 4motion	ATD	1896	2000. 09 ~ 2005. 05	VKMA 01142
	BORA (1J2) - 1.9 TDI 4motion	AUY	1896	1999. 02 ~ 2001. 06	VKMA 01142
	BORA (1J2) - 1.9 TDI 4motion	ASZ	1896	2000. 11 ~ 2005. 05	VKMA 01142
	BORA (1J2) - 1.9 TDI 4motion (185 670)	AJM	1896	1999. 02 ~ 2001. 06	VKMA 01143
	BORA (1J2) - 1.9 TDI 4motion (185 671)	AJM	1896	1999. 02 ~ 2001. 06	VKMA 01142
	BORA Estate (1J6) - 1.4 16V	AHW / AXP / BCA	1390	2001. 09 ~ 2005. 05	VKMA 01121
	BORA Estate (1J6) - 1.4 16V (160 000)	AHW	1390	2001. 09 ~ 2005. 05	VKMA 01120
	BORA Estate (1J6) - 1.4 16V (160 001)	AHW	1390	2001. 09 ~ 2005. 05	VKMA 01121
	BORA Estate (1J6) - 1.6 16V	ATN / AUS / AZD / BCB	1598	2000. 02 ~ 2005. 05	VKMA 01121
	BORA Estate (1J6) - 1.6 FSI	BAD	1598	2002. 01 ~ 2005. 05	VKMA 01121
	BORA Estate (1J6) - 1.8 4motion	AGN	1781	1999. 05 ~ 2005. 05	VKMA 01135
	BORA Estate (1J6) - 1.8 4motion (CH:1J-Y-850 001)	AGN	1781	1999. 05 ~ 2005. 05	VKMA 01136
	BORA Estate (1J6) - 1.8 T	AGU / ARX / AUM	1781	2000. 05 ~ 2005. 05	VKMA 01135
	BORA Estate (1J6) - 1.8 T	AUQ	1781	2002. 05 ~ 2005. 05	VKMA 01136
	BORA Estate (1J6) - 1.8 T (CH:1J-Y-850 001)	AGU / ARX / AUM	1781	2000. 05 ~ 2005. 05	VKMA 01136
	BORA Estate (1J6) - 1.9 TDI	AXR	1896	2002. 01 ~ 2002. 12	VKMA 01250
	BORA Estate (1J6) - 1.9 TDI	ATD	1896	2002. 01 ~ 2002. 12	VKMA 01250
	BORA Estate (1J6) - 1.9 TDI	AGR	1896	2004. 07 ~ 2005. 05	VKMA 01251
	BORA Estate (1J6) - 1.9 TDI	AHF / ASV	1896	1999. 05 ~ 2001. 06	VKMA 01251
	BORA Estate (1J6) - 1.9 TDI 4motion	ATD	1896	2002. 01 ~ 2002. 12	VKMA 01250
	CADDY I (14) - 1.5	JB	1457	1982. 08 ~ 1983. 07	VKMA 01000
	CADDY I (14) - 1.6	EW	1595	1983. 01 ~ 1992. 07	VKMA 01000
	CADDY I (14) - 1.6	EM	1588	1982. 10 ~ 1983. 10	VKMA 01000
	CADDY I (14) - 1.8	JH	1781	1985. 08 ~ 1992. 07	VKMA 01000
	CADDY II Box (9K9A) - 1.4	AUA	1390	2000. 08 ~ 2004. 01	VKMA 01121
	CADDY II Box (9K9A) - 1.7 SDI	AHB	1716	1996. 07 ~ 2000. 09	VKMA 01019
CADDY II Box (9K9A) - 1.9 SDI	AYQ	1896	1995. 11 ~ 2004. 01	VKMA 01251	
CADDY II Box (9K9A) - 1.9 SDI	AEY	1896	1995. 11 ~ 2004. 01	VKMA 01019	
CADDY II Box (9K9A) - 1.9 TDI	ALH	1896	1996. 09 ~ 2004. 01	VKMA 01251	
CADDY II Box (9K9A) - 1.9 TDI	1Z / AHU / ALH	1896	1996. 09 ~ 2004. 01	VKMA 01014	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2			Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350					
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350					
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350					
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350					
		038 109 243 M	GTB0190					038 109 244 J	GT40930					
		038 109 243 M	GTB0190					038 109 244 J	GT40930					
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340	
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350					
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350					
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350					
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350					
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350					
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730			
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730			
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730			
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730			
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730			
06B 109 243	GT60650							06B 109 244	GT60510					
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510					
06B 109 243	GT60650							06B 109 244	GT60510					
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510					
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510					
		038 109 243 M	GTB0190					038 109 244 J	GT40930					
		038 109 243 M	GTB0190					038 109 244 J	GT40930					
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340	
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340	
		038 109 243 M	GTB0190					038 109 244 J	GT40930					
026 109 243 A	GT80070													
026 109 243 A	GT80070													
026 109 243 A	GT80070													
026 109 243 A	GT80070													
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730			
		1058458	GTB0270					028 109 244	GT60330					
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340	
		1058458	GTB0270					028 109 244	GT60330					
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340	
		028 109 243 E/F	GTB0270					028 109 244	GT60330					

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	CADDY II Box (9K9A) - 75 1.6	1F	1595	1995. 11 ~ 1997. 05	VKMA 01000
	CADDY II Estate (9K9B) - 1.4 16V	AUA	1390	2000. 08 ~ 2004. 01	VKMA 01121
	CADDY II Estate (9K9B) - 1.6	1F	1595	1995. 11 ~ 1997. 05	VKMA 01000
	CADDY II Estate (9K9B) - 1.7 SDI	AHB	1716	1996. 07 ~ 2000. 09	VKMA 01019
	CADDY II Estate (9K9B) - 1.9 SDI	AYQ	1896	1995. 11 ~ 2004. 01	VKMA 01251
	CADDY II Estate (9K9B) - 1.9 SDI	AEY	1896	1995. 11 ~ 2004. 01	VKMA 01019
	CADDY II Estate (9K9B) - 1.9 TDI	ALH	1896	1996. 10 ~ 2004. 01	VKMA 01251
	CADDY II Estate (9K9B) - 1.9 TDI	AHU / ALE	1896	1996. 10 ~ 2004. 01	VKMA 01014
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 1.4 (2K-6-150 000)	BCA	1390	2004. 03 ~ 2006. 05	VKMA 01121
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 1.4 (2K-7-000 001)	BCA	1390	2004. 03 ~ 2006. 05	VKMA 01122
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 1.4 16V	BUD	1390	2006. 05 ~ 2010. 08	VKMA 01122
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 1.9 TDI	BSU	1896	2005. 09 ~ 2010. 08	VKMA 01250
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 1.9 TDI	BJB / BLS	1896	2004. 04 ~ 2010. 08	VKMA 01250
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 1.9 TDI 4motion	BLS	1896	2008. 11 ~ 2010. 08	VKMA 01250
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 2.0 SDI	BDJ / BST	1968	2004. 03 ~ 2010. 08	VKMA 01250
	CADDY III Box (2KA, 2KH, 2CA, 2CH) - 2.0 TDI	BMM	1968	2007. 09 ~ 2010. 08	VKMA 01250
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 1.4 (2K-6-150 000)	BCA	1390	2004. 03 ~ 2006. 05	VKMA 01121
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 1.4 (2K-7-000 001)	BCA	1390	2004. 03 ~ 2006. 05	VKMA 01122
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 1.4 16V	BUD	1390	2006. 05 ~ 2010. 08	VKMA 01122
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 1.9 TDI	BSU	1896	2005. 09 ~ 2010. 08	VKMA 01250
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 1.9 TDI	BJB / BLS	1896	2004. 04 ~ 2010. 08	VKMA 01250
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 1.9 TDI 4motion	BLS	1896	2008. 05 ~ 2010. 08	VKMA 01250
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 2.0 SDI	BDJ / BST	1968	2004. 03 ~ 2010. 08	VKMA 01250
	CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) - 2.0 TDI	BMM	1968	2007. 09 ~ 2010. 08	VKMA 01250
	CORRADO (53I) - 1.8 G60	PG	1781	1988. 09 ~ 1993. 09	VKMA 01000
	CORRADO (53I) - 2.0 i	2E / ADY	1984	1993. 04 ~ 1995. 12	VKMA 01002
	EOS (1F7, 1F8) - 2.0 FSI	BVY / BVZ	1984	2006. 03 ~ 2008. 05	VKMA 01222
	EOS (1F7, 1F8) - 2.0 TDI	BMM	1968	2006. 06 ~ 2008. 05	VKMA 01250
	EOS (1F7, 1F8) - 2.0 TDI 16V	CBAB	1968	2008. 05 ~	VKMA 01263
	EOS (1F7, 1F8) - 2.0 TDI 16V	CFFA / CFFB	1968	2008. 05 ~	VKMA 01148
	EOS (1F7, 1F8) - 2.0 TFSI	BWA	1984	2006. 03 ~	VKMA 01222
	FOX (5Z1, 5Z3) - 1.4 TDI	BNM	1422	2005. 04 ~	VKMA 01250
	GOLF I (17) - 1.5	JB	1457	1977. 08 ~ 1983. 07	VKMA 01000
GOLF I (17) - 1.5	FH	1471	1974. 04 ~ 1975. 12	VKMA 01000	
GOLF I (17) - 1.6	FT	1588	1975. 08 ~ 1977. 07	VKMA 01000	
GOLF I (17) - 1.6	FP	1588	1975. 08 ~ 1984. 02	VKMA 01000	
GOLF I (17) - 1.6	EW	1595	1983. 01 ~ 1984. 02	VKMA 01000	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
026 109 243 A	GT80070												
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
026 109 243 A	GT80070												
		1058458	GTB0270					028 109 244	GT60330				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		1058458	GTB0270					028 109 244	GT60330				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
026 109 243 A	GT80070												
026 109 243	GT80070												
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						058 109 244	GT90860	03L.109.244E	GT50920	03L 109 244 G	
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
Vw	GOLF I (17) - 1.6 GTI	EG	1588	1976. 08 ~ 1982. 07	VKMA 01000
	GOLF I (17) - 1.8 GTI	DX	1781	1982. 08 ~ 1983. 12	VKMA 01000
	GOLF I Cabriolet (155) - 1.5	JB	1457	1997. 01 ~ 1983. 11	VKMA 01000
	GOLF I Cabriolet (155) - 1.6	RE	1595	1986. 04 ~ 1990. 02	VKMA 01000
	GOLF I Cabriolet (155) - 1.6	EW / HN	1595	1983. 08 ~ 1992. 04	VKMA 01000
	GOLF I Cabriolet (155) - 1.6	EG	1588	1979. 08 ~ 1982. 07	VKMA 01000
	GOLF I Cabriolet (155) - 1.8	EX	1781	1983. 08 ~ 1992. 09	VKMA 01000
	GOLF I Cabriolet (155) - 1.8	JH	1781	1989. 08 ~ 1993. 03	VKMA 01000
	GOLF I Cabriolet (155) - 1.8	DX	1781	1983. 08 ~ 1992. 12	VKMA 01000
	GOLF I Cabriolet (155) - 1.8	DX / EV / PB	1781	1982. 08 ~ 1989. 12	VKMA 01000
	GOLF II (19E, 1G1) - 1.6	PN	1595	1986. 10 ~ 1992. 12	VKMA 01000
	GOLF II (19E, 1G1) - 1.6	RF	1595	1986. 02 ~ 1991. 10	VKMA 01000
	GOLF II (19E, 1G1) - 1.6	ABN / EZ	1595	1983. 08 ~ 1992. 07	VKMA 01000
	GOLF II (19E, 1G1) - 1.8	RH	1781	1986. 08 ~ 1990. 01	VKMA 01000
	GOLF II (19E, 1G1) - 1.8	GU / GX	1781	1984. 08 ~ 1991. 10	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 GTI	HT / RV	1781	1985. 01 ~ 1985. 07	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 GTI	RD	1781	1985. 08 ~ 1987. 10	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 GTI	DX / EV / PB	1781	1983. 08 ~ 1991. 10	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 GTI CAT	PF	1781	1987. 01 ~ 1991. 10	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 GTI G60	PG	1781	1990. 04 ~ 1991. 07	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 GTI G60 Syncro	1H / PG	1781	1988. 08 ~ 1991. 12	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 i CAT	GX / RP	1781	1987. 08 ~ 1991. 10	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 i Syncro CAT	RP	1781	1987. 08 ~ 1991. 10	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 Syncro	GU / GX	1781	1986. 02 ~ 1991. 07	VKMA 01000
	GOLF II (19E, 1G1) - 1.8 Syncro	1P	1781	1988. 08 ~ 1991. 07	VKMA 01000
	GOLF III (1H1) - 1.6	AEK / AFT / AKS	1595	1995. 07 ~ 1997. 08	VKMA 01009
	GOLF III (1H1) - 1.8	AAM	1781	1991. 11 ~ 1994. 12	VKMA 01000
	GOLF III (1H1) - 1.8	AAM	1781	1991. 11 ~ 1997. 08	VKMA 01009
	GOLF III (1H1) - 1.8	ADZ	1781	1991. 11 ~ 1997. 08	VKMA 01009
	GOLF III (1H1) - 1.8	ABS	1781	1991. 11 ~ 1997. 08	VKMA 01000
	GOLF III (1H1) - 1.8 Syncro (1HX1)	ADZ	1781	1993. 01 ~ 1997. 08	VKMA 01009
	GOLF III (1H1) - 1.8 Syncro (1HX1)	ABS	1781	1993. 01 ~ 1997. 08	VKMA 01000
	GOLF III (1H1) - 1.9 SDI	AEY	1896	1995. 07 ~ 1997. 08	VKMA 01014
GOLF III (1H1) - 1.9 TDI	AHU / ALE	1896	1993. 09 ~ 1997. 08	VKMA 01014	
GOLF III (1H1) - 1.9 TDI	AFN	1896	1996. 04 ~ 1997. 08	VKMA 01014	
GOLF III (1H1) - 1.9 TDI (289 575)	1Z	1896	1993. 09 ~ 1997. 08	VKMA 01012	
GOLF III (1H1) - 1.9 TDI (289 576)	1Z	1896	1993. 09 ~ 1997. 08	VKMA 01014	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	GOLF III (1H1) - 1.9 TDI Syncro (1HX1)	AHU / ALE	1896	1995. 08 ~ 1997. 08	VKMA 01014
	GOLF III (1H1) - 1.9 TDI Syncro (1HX1) (289 575)	1Z	1896	1995. 08 ~ 1997. 08	VKMA 01012
	GOLF III (1H1) - 1.9 TDI Syncro (1HX1) (289 576)	1Z	1896	1995. 08 ~ 1997. 08	VKMA 01014
	GOLF III (1H1) - 2.0	2E / ABA / ADY / AGG / AKR	1984	1991. 11 ~ 1997. 08	VKMA 01002
	GOLF III (1H1) - 2.0 GL	AEP	1984	1995. 08 ~ 1997. 09	VKMA 01002
	GOLF III (1H1) - 2.0 Syncro (1HX1)	AGG	1984	1995. 08 ~ 1997. 08	VKMA 01002
	GOLF III Cabriolet (1E7) - 1.6	AEK / AFT / AKS	1595	1994. 10 ~ 1998. 05	VKMA 01009
	GOLF III Cabriolet (1E7) - 1.8	AAM	1781	1993. 07 ~ 1998. 05	VKMA 01000
	GOLF III Cabriolet (1E7) - 1.8	AAM	1781	1993. 07 ~ 1994. 12	VKMA 01009
	GOLF III Cabriolet (1E7) - 1.8	ADZ	1781	1993. 07 ~ 1998. 05	VKMA 01009
	GOLF III Cabriolet (1E7) - 1.8	ABS	1781	1993. 07 ~ 1998. 05	VKMA 01000
	GOLF III Cabriolet (1E7) - 2.0	2E / ADY / AGG / AKR	1984	1993. 07 ~ 1998. 05	VKMA 01002
	GOLF III Variant (1H5) - 1.6	AEK / AFT / AKS	1595	1994. 07 ~ 1999. 04	VKMA 01009
	GOLF III Variant (1H5) - 1.8	ANN	1781	1993. 07 ~ 1999. 04	VKMA 01009
	GOLF III Variant (1H5) - 1.8	ADZ / ANP	1781	1993. 07 ~ 1999. 04	VKMA 01009
	GOLF III Variant (1H5) - 1.8	ABS	1781	1993. 07 ~ 1999. 04	VKMA 01000
	GOLF III Variant (1H5) - 1.8 Syncro	ADZ	1781	1994. 10 ~ 1999. 04	VKMA 01009
	GOLF III Variant (1H5) - 1.9 SDI	AEY	1896	1995. 07 ~ 1999. 04	VKMA 01014
	GOLF III Variant (1H5) - 1.9 TDI	AHU	1896	1994. 03 ~ 1999. 04	VKMA 01014
	GOLF III Variant (1H5) - 1.9 TDI (289 575)	1Z	1896	1994. 03 ~ 1999. 04	VKMA 01012
	GOLF III Variant (1H5) - 1.9 TDI (289 576)	1Z	1896	1994. 03 ~ 1999. 04	VKMA 01012
	GOLF III Variant (1H5) - 1.9 TDI Syncro	AHU	1896	1995. 07 ~ 1999. 04	VKMA 01014
	GOLF III Variant (1H5) - 1.9 TDI Syncro (289 575)	1Z	1896	1995. 07 ~ 1999. 04	VKMA 01012
	GOLF III Variant (1H5) - 1.9 TDI Syncro (289 576)	1Z	1896	1995. 07 ~ 1999. 04	VKMA 01014
	GOLF III Variant (1H5) - 2.0	AEP	1984	1995. 08 ~ 1996. 04	VKMA 01002
	GOLF III Variant (1H5) - 2.0	2E / ADY / AGG / AKR	1984	1993. 07 ~ 1999. 04	VKMA 01002
	GOLF III Variant (1H5) - 2.0 Syncro	AGG	1984	1995. 08 ~ 1999. 04	VKMA 01002
	GOLF IV (1J1) - 1.4 16V	APE / AXP / BCA	1390	1997. 08 ~ 2005. 06	VKMA 01121
	GOLF IV (1J1) - 1.4 16V (164 200)	AHW	1390	1997. 08 ~ 2005. 06	VKMA 01120
	GOLF IV (1J1) - 1.4 16V (164 201)	AHW	1390	1997. 08 ~ 2005. 06	VKMA 01121
	GOLF IV (1J1) - 1.4 16V (241 244)	AKQ	1390	1997. 08 ~ 2005. 06	VKMA 01120
	GOLF IV (1J1) - 1.4 16V (241 245)	AKQ	1390	1997. 08 ~ 2005. 06	VKMA 01121
	GOLF IV (1J1) - 1.6 16V	ATN / AUS / AZD / BCB	1598	2000. 02 ~ 2005. 06	VKMA 01121
GOLF IV (1J1) - 1.6 FSI	BAD	1598	2002. 01 ~ 2005. 06	VKMA 01121	
GOLF IV (1J1) - 1.8	AGN	1781	1997. 08 ~ 2005. 06	VKMA 01135	
GOLF IV (1J1) - 1.8 (CH:1J-Y-850 001)	AGN	1781	1997. 08 ~ 2005. 06	VKMA 01136	
GOLF IV (1J1) - 1.8 4motion	AGN	1781	1998. 05 ~ 2005. 06	VKMA 01135	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 028 109 243 B						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243	GT80070												
026 109 243	GT80070												
026 109 243	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 028 109 243 B						028 109 244	GT60330				
		028 109 243 028 109 243 B						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 028 109 243 B						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243	GT80070												
026 109 243	GT80070												
026 109 243	GT80070												
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	GOLF IV (1J1) - 1.8 4motion (CH:1J-Y-850 001)	AGN	1781	1998. 05 ~ 2005. 06	VKMA 01136
	GOLF IV (1J1) - 1.8 T	AGU/AQA/ARZ/AUM/AWD	1781	1997. 08 ~ 2005. 06	VKMA 01135
	GOLF IV (1J1) - 1.8 T (CH:1J-Y-850 001)	AGU/AQA/ARZ/AUM/AWD	1781	1997. 08 ~ 2005. 06	VKMA 01136
	GOLF IV (1J1) - 1.8 T GTI	AUQ	1781	2001. 08 ~ 2005. 06	VKMA 01135
	GOLF IV (1J1) - 1.8 T GTI (CH:1J-Y-850 001)	AUQ	1781	2001. 08 ~ 2005. 06	VKMA 01136
	GOLF IV (1J1) - 1.9 SDI	AQM	1896	1997. 08 ~ 2005. 06	VKMA 01130
	GOLF IV (1J1) - 1.9 SDI (030 000)	AQM	1896	1997. 08 ~ 2005. 06	VKMA 01251
	GOLF IV (1J1) - 1.9 SDI (400 000)	AGP	1896	1997. 08 ~ 2005. 06	VKMA 01130
	GOLF IV (1J1) - 1.9 SDI (400 001)	AGP	1896	1997. 08 ~ 2005. 06	VKMA 01251
	GOLF IV (1J1) - 1.9 TDI	AGR / ALH	1896	1997. 10 ~ 2004. 05	VKMA 01251
	GOLF IV (1J1) - 1.9 TDI	AHF / ASV	1896	1997. 08 ~ 2004. 05	VKMA 01251
	GOLF IV (1J1) - 1.9 TDI	ATD	1896	2000. 09 ~ 2005. 06	VKMA 01142
	GOLF IV (1J1) - 1.9 TDI	AUY	1896	1998. 12 ~ 2001. 06	VKMA 01142
	GOLF IV (1J1) - 1.9 TDI	ASZ	1896	2000. 11 ~ 2002. 12	VKMA 01142
	GOLF IV (1J1) - 1.9 TDI (010 000)	AXR	1896	2000. 09 ~ 2005. 06	VKMA 01142
	GOLF IV (1J1) - 1.9 TDI (010 001)	AXR	1896	2000. 09 ~ 2006. 06	VKMA 01250
	GOLF IV (1J1) - 1.9 TDI (185 670)	AJM	1896	1998. 12 ~ 2001. 06	VKMA 01143
	GOLF IV (1J1) - 1.9 TDI (185 671)	AJM	1896	1998. 12 ~ 2001. 06	VKMA 01142
	GOLF IV (1J1) - 1.9 TDI (1J-2B123 079, 1J-2D352 774)	ATD	1896	2002. 01 ~ 2002. 12	VKMA 01250
	GOLF IV (1J1) - 1.9 TDI 4motion	AGR / ALH	1896	1998. 07 ~ 2002. 04	VKMA 01251
	GOLF IV (1J1) - 1.9 TDI 4motion	AUY	1896	1999. 09 ~ 2001. 06	VKMA 01142
	GOLF IV (1J1) - 1.9 TDI 4motion	ASZ	1896	2000. 11 ~ 2002. 12	VKMA 01142
	GOLF IV (1J1) - 1.9 TDI 4motion (185 670)	AJM	1896	1999. 09 ~ 2001. 06	VKMA 01143
	GOLF IV (1J1) - 1.9 TDI 4motion (185 671)	AJM	1896	1999. 09 ~ 2001. 06	VKMA 01142
	GOLF IV Cabriolet (1E7) - 1.6	AFT / AKS	1595	1998. 06 ~ 2002. 06	VKMA 01000
	GOLF IV Cabriolet (1E7) - 1.8	AAM / ANN	1781	1998. 06 ~ 2002. 06	VKMA 01000
	GOLF IV Cabriolet (1E7) - 1.8	ADZ / ANP	1781	1998. 06 ~ 2002. 06	VKMA 01000
	GOLF IV Cabriolet (1E7) - 1.9 TDI	AHU / ALE	1896	1998. 06 ~ 2002. 06	VKMA 01014
	GOLF IV Cabriolet (1E7) - 1.9 TDI	AFN / AVG	1896	1998. 06 ~ 2002. 06	VKMA 01014
	GOLF IV Cabriolet (1E7) - 2.0	AGG / AKR	1984	1998. 06 ~ 2002. 06	VKMA 01002
	GOLF IV Variant (1J5) - 1.4 16V	APE / XAP / BCA	1390	1999. 05 ~ 2006. 06	VKMA 01121
	GOLF IV Variant (1J5) - 1.4 16V (164 200)	AHW	1390	1999. 05 ~ 2006. 06	VKMA 01120
	GOLF IV Variant (1J5) - 1.4 16V (164 201)	AHW	1390	1999. 05 ~ 2006. 06	VKMA 01121
GOLF IV Variant (1J5) - 1.4 16V (241 244)	AKQ	1390	1999. 05 ~ 2006. 06	VKMA 01120	
GOLF IV Variant (1J5) - 1.4 16V (241 245)	AKQ	1390	1999. 05 ~ 2006. 06	VKMA 01121	
GOLF IV Variant (1J5) - 1.6 16V	ATN / AUS / AZD / BCB	1598	2000. 02 ~ 2006. 06	VKMA 01121	
GOLF IV Variant (1J5) - 1.6 FSI	BAD	1598	2002. 01 ~ 2006. 06	VKMA 01121	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243	GT80070												
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	GOLF IV Variant (1J5) - 1.8 4motion	AGN	1781	1999. 05 ~ 2006. 06	VKMA 01135
	GOLF IV Variant (1J5) - 1.8 4motion (CH:1J-Y-850 001)	AGN	1781	1999. 05 ~ 2006. 06	VKMA 01136
	GOLF IV Variant (1J5) - 1.8 T	AGU / AQA / ARZ / AUM / AWD	1781	2000. 05 ~ 2006. 06	VKMA 01135
	GOLF IV Variant (1J5) - 1.8 T (CH:1J-Y-850 001)	AGU / AQA / ARZ / AUM / AWD	1781	2000. 05 ~ 2006. 06	VKMA 01136
	GOLF IV Variant (1J5) - 1.9 SDI	AQM	1896	1999. 05 ~ 2006. 06	VKMA 01130
	GOLF IV Variant (1J5) - 1.9 SDI (045 001)	AQM	1896	1999. 05 ~ 2006. 06	VKMA 01251
	GOLF IV Variant (1J5) - 1.9 SDI (400 000)	AGP	1896	1999. 05 ~ 2006. 06	VKMA 01130
	GOLF IV Variant (1J5) - 1.9 SDI (400 001)	AGP	1896	1999. 05 ~ 2006. 06	VKMA 01251
	GOLF IV Variant (1J5) - 1.9 TDI	AXR	1896	2000. 09 ~ 2006. 06	VKMA 01250
	GOLF IV Variant (1J5) - 1.9 TDI	AGR / ALH	1896	1999. 05 ~ 2006. 05	VKMA 01251
	GOLF IV Variant (1J5) - 1.9 TDI	AHF / ASV	1896	1999. 05 ~ 2001. 06	VKMA 01251
	GOLF IV Variant (1J5) - 1.9 TDI (1J-2B123 079, 1J-2D352 774)	ATD	1896	2002. 01 ~ 2006. 06	VKMA 01250
	GOLF IV Variant (1J5) - 1.9 TDI 4motion	AGR / ALH	1896	1999. 05 ~ 2002. 04	VKMA 01251
	GOLF PLUS (5M1, 521) - 1.4 16V	BCA	1390	2005. 01 ~	VKMA 01121
	GOLF PLUS (5M1, 521) - 1.4 16V	BCA	1390	2005. 01 ~	VKMA 01122
	GOLF PLUS (5M1, 521) - 1.4 16V	BUD / CGGA	1390	2006. 05 ~	VKMA 01122
	GOLF PLUS (5M1, 521) - 1.6 TDI	CAYB	1598	2009. 02 ~ 2010. 11	VKMA 01269
	GOLF PLUS (5M1, 521) - 1.6 TDI	CAYC	1598	2009. 03 ~ 2010. 11	VKMA 01269
	GOLF PLUS (5M1, 521) - 2.0 FSI	BLR / BLY / BVY / BVZ	1984	2005. 05 ~ 2008. 06	VKMA 01222
	GOLF PLUS (5M1, 521) - 2.0 TDI	CBDC	1968	2009. 01 ~	VKMA 01263
	GOLF V (1K1) - 1.4 16V	BUD	1390	2006. 05 ~ 2008. 11	VKMA 01122
	GOLF V (1K1) - 1.4 16V (1K-6-250 000)	BCA	1390	2003. 10 ~ 2006. 05	VKMA 01121
	GOLF V (1K1) - 1.4 16V (1K-7-000 001)	BCA	1390	2003. 10 ~ 2006. 05	VKMA 01122
	GOLF V (1K1) - 1.9 TDI	BRU / BXF / BXJ	1896	2004. 05 ~ 2008. 11	VKMA 01250
	GOLF V (1K1) - 1.9 TDI	BKC / BLS / BXE	1896	2003. 10 ~ 2008. 11	VKMA 01250
	GOLF V (1K1) - 1.9 TDI 4motion	BKC / BLS / BXE	1896	2004. 08 ~ 2008. 11	VKMA 01250
	GOLF V (1K1) - 2.0 FSI	AXX / BLR / BLX / BLY / BVX / BVY / BVZ	1984	2004. 01 ~ 2008. 11	VKMA 01222
	GOLF V (1K1) - 2.0 FSI	AXW	1984	2004. 01 ~ 2008. 11	VKMA 01220
	GOLF V (1K1) - 2.0 FSI 4motion	BLX / BVX	1984	2004. 08 ~ 2008. 11	VKMA 01222
	GOLF V (1K1) - 2.0 GTI	AXX / BWA / CAWB / CBFA	1984	2004. 10 ~ 2009. 02	VKMA 01222
	GOLF V (1K1) - 2.0 GTI	BYD	1984	2006. 09 ~ 2008. 12	
	GOLF V (1K1) - 2.0 SDI	BDK	1968	2004. 01 ~ 2008. 11	VKMA 01250
	GOLF V (1K1) - 2.0 TDI	BMM	1968	2004. 12 ~ 2008. 11	VKMA 01250
GOLF V (1K1) - 2.0 TDI (1K-6-250 000)	AZV	1968	2003. 10 ~ 2006. 12	VKMA 01255	
GOLF V (1K1) - 2.0 TDI 16V (1K-6-250 000)	BKD	1968	2003. 10 ~ 2006. 12	VKMA 01255	
GOLF V (1K1) - 2.0 TDI 4motion	BMM	1968	2004. 08 ~ 2008. 11	VKMA 01250	
GOLF VI (5K1) - 1.4	CGGA	1390	2008. 10 ~ 2012. 11	VKMA 01122	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A						06B 109 244	GT60510				
		06B 109 243 D											
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A						06B 109 244	GT60510				
		06B 109 243 D											
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860		
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243						06B 109 244	GT60510	06D 109 244 A/B	GT30570		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
								06B 109 244	GT60510	06D.109.244E	GT50630		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	GOLF VI (5K1) - 1.6 TDI	CAYB	1598	2009. 02 ~ 2012. 11	VKMA 01269
	GOLF VI (5K1) - 1.6 TDI	CAYC	1598	2009. 02 ~ 2012. 11	VKMA 01269
	GOLF VI (5K1) - 2.0 Gti	CDLG	1984	2001. 05 ~ 2012. 11	VKMA 01225
	GOLF VI (5K1) - 2.0 R 4motion	CDLC / CRZA	1984	2009. 11 ~ 2013. 11	VKMA 01225
	GOLF VI (5K1) - 2.0 R 4motion	CDLA	1984	2009. 11 ~ 2011. 05	VKMA 01225
	GOLF VI (5K1) - 2.0 R 4motion	CDLF	1984	2009. 11 ~ 2012. 11	VKMA 01225
	GOLF VI (5K1) - 2.0 TDI	CFFA / CFFB / CLCA	1968	2008. 10 ~ 2012. 11	VKMA 01269
	GOLF VI (5K1) - 2.0 TDI	CBAA / CBAB / CBDC / CJAA	1968	2008. 10 ~ 2012. 11	VKMA 01263
	GOLF VI (5K1) - 2.0 TDI	CFGB	1968	2009. 04 ~ 2012. 11	VKMA 01269
	GOLF VI (5K1) - 2.0 TDI	CBBB	1968	2009. 04 ~ 2012. 11	VKMA 01263
	GOLF VI (5K1) - 2.0 TDI 4motion	CFFA / CFFB / CLCA	1968	2005. 09 ~ 2012. 11	VKMA 01269
	GOLF VI (5K1) - 2.0 TDI 4motion	CBAA / CBAB / CBDC / CJAA	1968	2005. 09 ~ 2012. 11	VKMA 01263
	GOLF VI Convertible (517) - 2.0 R	CDLA	1984	2013. 01 ~	VKMA 01225
	GOLF VI Variant (AJ5) - 1.4	BUD / CGGA	1390	2009. 07 ~	VKMA 01122
	GOLF VI Variant (AJ5) - 1.6 TDI	CAYC	1598	2009. 07 ~	VKMA 01269
	GOLF VI Variant (AJ5) - 1.6 TDI	CAYB	1598	2009. 12 ~	VKMA 01148
	GOLF VI Variant (AJ5) - 1.6 TDI 4motion	CAYC	1598	2009. 07 ~	VKMA 01269
	GOLF VII (5G1) - 1.6 TDI	CLHB / CRKA / CXXA	1598	2013. 04 ~	
	GOLF VII (5G1) - 1.6 TDI	CLHA	1598	2012. 11 ~	
	GOLF VII (5G1) - 1.6 TDI	CRKB	1598	2013. 01 ~	
	GOLF VII (5G1) - 1.6 TDI 4motion	CLHA	1598	2012. 11 ~	
	GOLF VII (5G1) - 1.6 TDI 4motion	CRKB	1598	2013. 01 ~	
	GOLF VII (5G1) - 2.0 GTD	CUNA	1968	2013. 04 ~	
	GOLF VII (5G1) - 2.0 TDI	CRVA	1968	2012. 11 ~	
	GOLF VII (5G1) - 2.0 TDI	CRBB	1968	2012. 08 ~	
	GOLF VII (5G1) - 2.0 TDI	CKFC / CRBC / CRLB / CRMB	1968	2012. 11 ~	
	GOLF VII (5G1) - 2.0 TDI 4motion	CKFC / CRLB / CRMB	1968	2012. 11 ~	
	GOLF VII Variant (BA5) - 1.6 TDI	CLHB	1598	2013. 05 ~	
	GOLF VII Variant (BA5) - 1.6 TDI	CLHA	1598	2013. 05 ~	
	GOLF VII Variant (BA5) - 1.6 TDI	CRKB	1598	2013. 05 ~	
	GOLF VII Variant (BA5) - 1.6 TDI 4motion	CLHA	1598	2013. 05 ~	
	GOLF VII Variant (BA5) - 2.0 TDI	CRVA	1968	2013. 05 ~	
	GOLF VII Variant (BA5) - 2.0 TDI	CKFC / CRBC / CRLB / CRMB	1968	2013. 04 ~	
GOLF VII Variant (BA5) - 2.0 TDI 4motion	CKFC / CRBC / CRLB / CRMB	1968	2013. 04 ~		
ILTIS (183) - 1.7	WL / YX	1714	1979. 03 ~ 1988. 12	VKMA 01000	
JETTA I (16) - 1.5	JB	1457	1978. 08 ~ 1984. 02	VKMA 01000	
JETTA I (16) - 1.6	EM	1588	1981. 08 ~ 1983. 07	VKMA 01000	



## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	JETTA I (16) - 1.6	FR	1588	1978. 08 ~ 1984. 02	VKMA 01000
	JETTA I (16) - 1.6 GLI	EG	1588	1978. 08 ~ 1982. 07	VKMA 01000
	JETTA I (16) - 1.8	DX	1781	1982. 08 ~ 1984. 02	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.6	PN	1595	1986. 10 ~ 1991. 10	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.6	RF	1595	1986. 03 ~ 1991. 10	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.6	ABN / EZ	1595	1984. 01 ~ 1992. 07	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8	RH	1781	1986. 08 ~ 1990. 01	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8	GU / GX	1781	1984. 08 ~ 1991. 10	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8	RD	1781	1985. 08 ~ 1987. 10	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8	EV / PB	1781	1984. 01 ~ 1991. 10	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8 CAT	GX / RP	1781	1987. 08 ~ 1991. 10	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8 CAT	PF	1781	1987. 01 ~ 1991. 10	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8 Syncro	RH	1781	1987. 08 ~ 1988. 07	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8 Syncro	GU / RP	1781	1987. 08 ~ 1988. 12	VKMA 01000
	JETTA II (19E, 1G2, 165) - 1.8 Syncro	1P	1781	1988. 08 ~ 1991. 07	VKMA 01000
	JETTA III (1K2) - 1.6 TDI	CAYC	1598	2009. 06 ~ 2010. 10	VKMA 01269
	JETTA III (1K2) - 1.9 TDI	BKC / BLS / BXE	1896	2005. 08 ~ 2010. 10	VKMA 01250
	JETTA III (1K2) - 2.0 FSI	BLR / BLY / BVY / BVZ	1984	2005. 08 ~ 2010. 10	VKMA 01222
	JETTA III (1K2) - 2.0 TDI	BMM	1968	2005. 10 ~ 2010. 10	VKMA 01250
	JETTA III (1K2) - 2.0 TDI	BMN / CEGA	1968	2006. 10 ~ 2010. 10	VKMA 01259
	JETTA III (1K2) - 2.0 TDI (1K-6-899 000)	AZV / CBDA	1968	2005. 09 ~ 2010. 10	VKMA 01255
	JETTA III (1K2) - 2.0 TDI (1K-7-000 001)	AZV / CBDA	1968	2005. 09 ~ 2010. 10	VKMA 01259
	JETTA III (1K2) - 2.0 TDI 16V (1K-6-899 000)	BKD / CBDB / CJAA	1968	2005. 08 ~ 2010. 10	VKMA 01255
	JETTA III (1K2) - 2.0 TDI 16V (1K-7-000 001)	BKD / CBDB / CJAA	1968	2005. 08 ~ 2010. 10	VKMA 01259
	JETTA III (1K2) - 2.0 TFSI	BPY / BWA / CAWB / CBFA / CCTA / CCZA	1984	2005. 10 ~ 2010. 10	VKMA 01222
	JETTA IV (162) - 1.6 TDI	CAYC	1598	2011. 02 ~ 2011. 05	VKMA 01269
	JETTA IV (162) - 2.0 TDI	CLCA	1968	2010. 10 ~	VKMA 01269
	JETTA IV (162) - 2.0 TDI	CFFB / CFHC / CJAA / CLCB	1968	2011. 02 ~	VKMA 01269
	LT 28-35 I Box (281-363) - 2.0	CH	1984	1975. 04 ~ 1983. 09	VKMA 01000
	LT 28-35 I Box (281-363) - 2.4	DL	2383	1982. 12 ~ 1992. 07	
	LT 28-35 I Box (281-363) - 2.4 D	ACT	2383	1990. 07 ~ 1996. 05	VKMA 01046
	LT 28-35 I Box (281-363) - 2.4 D	1S	2383	1990. 07 ~ 1996. 05	VKMA 01040
	LT 28-35 I Box (281-363) - 2.4 D	CP / DW	2383	1979. 01 ~ 1992. 07	VKMA 01040
	LT 28-35 I Box (281-363) - 2.4 i	1E	2383	1994. 03 ~ 1996. 06	
	LT 28-35 I Box (281-363) - 2.4 TD	ACL	2383	1992. 06 ~ 1996. 05	VKMA 01046
	LT 28-35 I Box (281-363) - 2.4 TD	1G	2383	1988. 08 ~ 1992. 08	VKMA 01040
	LT 28-35 I Box (281-363) - 2.4 TD	DV	2383	1986. 02 ~ 1992. 08	VKMA 01040



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
03L 109 243 B								03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
03L 109 243 F													
038 109 243 M	GTB0190							038 109 244 J	GT40930				
06D 109 243 B	GTB0210							06B 109 244	GT60510	06D.109.244E	GT50630		
038 109 243 M	GTB0190							038 109 244 J	GT40930				
03G 109 243								038 109 244 J	GT40930	03G 109 244 A			
03G 109 243								038 109 244 J	GT40930	03G 109 244 B			
03G 109 243								038 109 244 J	GT40930	03G 109 244 A			
03G 109 243								038 109 244 J	GT40930	03G 109 244 B			
03G 109 243								038 109 244 J	GT40930	03G 109 244 A			
06D 109 243 B	GTB0210							06B 109 244	GT60510	06D.109.244E	GT50630		
03L 109 243 B								03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
03L 109 243 F													
03L 109 243 B								03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
03L 109 243 F													
03L 109 243 B								03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
03L 109 243 F													
026 109 243 A	GT80070												
								069 109 243 B	GT60430				
074 109 243 D								075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
074 109 243 D								075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	LT 28-35 I Bus (281-363) - 2.0	CH	1984	1975. 04 ~ 1983. 09	VKMA 01000
	LT 28-35 I Bus (281-363) - 2.4	DL	2383	1982. 12 ~ 1992. 07	
	LT 28-35 I Bus (281-363) - 2.4 D	ACT	2383	1989. 08 ~ 1996. 06	VKMA 01046
	LT 28-35 I Bus (281-363) - 2.4 D	1S	2383	1989. 08 ~ 1996. 06	VKMA 01040
	LT 28-35 I Bus (281-363) - 2.4 D	CP / DW	2383	1997. 01 ~ 1992. 07	VKMA 01040
	LT 28-35 I Bus (281-363) - 2.4 i	1E	2383	1989. 08 ~ 1996. 06	
	LT 28-35 I Bus (281-363) - 2.4 TD	ACL	2383	1992. 09 ~ 1996. 06	VKMA 01046
	LT 28-35 I Bus (281-363) - 2.4 TD	1G	2383	1989. 08 ~ 1992. 08	VKMA 01040
	LT 28-35 I Bus (281-363) - 2.4 TD	DV	2383	1982. 12 ~ 1989. 07	VKMA 01040
	LT 28-35 I Platform/Chassis (281-363) - 2.0	CH	1984	1975. 04 ~ 1983. 09	VKMA 01000
	LT 28-35 I Platform/Chassis (281-363) - 2.4	DL	2383	1982. 12 ~ 1992. 07	
	LT 28-35 I Platform/Chassis (281-363) - 2.4 D	ACT	2383	1990. 08 ~ 1996. 06	VKMA 01046
	LT 28-35 I Platform/Chassis (281-363) - 2.4 D	1S	2383	1990. 08 ~ 1996. 06	VKMA 01040
	LT 28-35 I Platform/Chassis (281-363) - 2.4 D	CP / DW	2383	1978. 12 ~ 1991. 02	VKMA 01040
	LT 28-35 I Platform/Chassis (281-363) - 2.4 i	1E	2383	1994. 03 ~ 1996. 06	
	LT 28-35 I Platform/Chassis (281-363) - 2.4 TD	ACL	2383	1992. 08 ~ 1996. 06	VKMA 01046
	LT 28-35 I Platform/Chassis (281-363) - 2.4 TD	1G	2383	1990. 08 ~ 1992. 08	VKMA 01040
	LT 28-35 I Platform/Chassis (281-363) - 2.4 TD	DV	2383	1982. 12 ~ 1993. 09	VKMA 01040
	LT 40-55 I Box (291-512) - 2.0	CH	1984	1975. 04 ~ 1983. 09	VKMA 01000
	LT 40-55 I Box (291-512) - 2.4	DL	2383	1982. 12 ~ 1992. 07	
	LT 40-55 I Box (291-512) - 2.4 4WD	DL	2383	1982. 12 ~ 1992. 07	
	LT 40-55 I Box (291-512) - 2.4 D	ACT	2383	1990. 07 ~ 1996. 05	VKMA 01046
	LT 40-55 I Box (291-512) - 2.4 D	1S	2383	1990. 07 ~ 1996. 05	VKMA 01040
	LT 40-55 I Box (291-512) - 2.4 D	CP / DW	2383	1979. 01 ~ 1992. 07	VKMA 01040
	LT 40-55 I Box (291-512) - 2.4 D 4WD	DW	2383	1979. 01 ~ 1986. 03	VKMA 01040
	LT 40-55 I Box (291-512) - 2.4 i	1E	2383	1993. 01 ~ 1996. 06	
	LT 40-55 I Box (291-512) - 2.4 TD	ACL	2383	1992. 06 ~ 1996. 05	VKMA 01046
	LT 40-55 I Box (291-512) - 2.4 TD	1G	2383	1988. 08 ~ 1992. 08	VKMA 01040
	LT 40-55 I Box (291-512) - 2.4 TD	DV	2383	1986. 02 ~ 1992. 08	VKMA 01040
	LT 40-55 I Box (291-512) - 2.4 TD 4WD	DV	2383	1978. 08 ~ 1992. 07	VKMA 01040
	LT 40-55 I Platform/Chassis (293-909) - 2.0	CH	1984	1975. 04 ~ 1983. 09	VKMA 01000
	LT 40-55 I Platform/Chassis (293-909) - 2.4 D	ACT	2383	1990. 08 ~ 1996. 06	VKMA 01046
	LT 40-55 I Platform/Chassis (293-909) - 2.4 D	1S	2383	1990. 08 ~ 1996. 06	VKMA 01040
LT 40-55 I Platform/Chassis (293-909) - 2.4 D	CP / DW	2383	1978. 12 ~ 1991. 02	VKMA 01040	
LT 40-55 I Platform/Chassis (293-909) - 2.4 i	1E	2383	1994. 03 ~ 1996. 06		
LT 40-55 I Platform/Chassis (293-909) - 2.4 TD	ACL	2383	1992. 08 ~ 1996. 06	VKMA 01046	
LT 40-55 I Platform/Chassis (293-909) - 2.4 TD	DV	2383	1982. 12 ~ 1993. 09	VKMA 01040	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
026 109 243 A	GT80070							069 109 243 B	GT60430				
		074 109 243 D						075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		074 109 243 D						069 109 243 B	GT60430				
								075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
026 109 243 A	GT80070							069 109 243 B	GT60430				
		074 109 243 D						075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		074 109 243 D						069 109 243 B	GT60430				
								075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
026 109 243 A	GT80070							069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		074 109 243 D						075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		074 109 243 D						069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		074 109 243 D						075 109 243B/D	GT60700				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
026 109 243 A	GT80070							075 109 243B/D	GT60700				
		074 109 243 D						069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		074 109 243 D						075 109 243B/D	GT60700				
								069 109 243 B	GT60430				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit ReF.
Vw	LUPO (6X1, 6E1) - 1.2 TDI 3L	ANY / AYZ	1191	1999. 07 ~ 2005. 07	VKMA 01140
	LUPO (6X1, 6E1) - 1.4 16V	APE / AUA / BBY	1390	1998. 09 ~ 2005. 07	VKMA 01121
	LUPO (6X1, 6E1) - 1.4 16V	AFK / AQQ / AUB	1390	1999. 08 ~ 2005. 07	VKMA 01121
	LUPO (6X1, 6E1) - 1.4 16V (160 000)	AHW	1390	1998. 09 ~ 2005. 07	VKMA 01120
	LUPO (6X1, 6E1) - 1.4 16V (160 001)	AHW	1390	1998. 09 ~ 2005. 07	VKMA 01121
	LUPO (6X1, 6E1) - 1.4 16V (242 000)	AKQ	1390	1998. 09 ~ 2005. 07	VKMA 01120
	LUPO (6X1, 6E1) - 1.4 16V (242 001)	AKQ	1390	1998. 09 ~ 2005. 07	VKMA 01121
	LUPO (6X1, 6E1) - 1.4 FSI	ARR	1390	2001. 02 ~ 2005. 07	VKMA 01121
	LUPO (6X1, 6E1) - 1.4 TDI (011 494)	AMF	1422	1999. 01 ~ 2005. 07	VKMA 01143
	LUPO (6X1, 6E1) - 1.4 TDI (011 495)	AMF	1422	1999. 01 ~ 2005. 07	VKMA 01142
	LUPO (6X1, 6E1) - 1.4 TDI (6X-2-100 000)	AMF	1422	1999. 01 ~ 2005. 07	VKMA 01250
	LUPO (6X1, 6E1) - 1.4 TDI (6X-2-100 001)	AMF	1422	1999. 01 ~ 2005. 07	VKMA 01250
	LUPO (6X1, 6E1) - 1.6 GTI	AVY	1598	2000. 09 ~ 2005. 07	VKMA 01121
	LUPO (6X1, 6E1) - 1.7 SDI	AKU	1716	1998. 09 ~ 2005. 07	VKMA 01016
	MULTIVAN V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) - 1.9 TDI	BRR	1896	2006. 01 ~ 2009. 11	VKMA 01250
	MULTIVAN V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) - 1.9 TDI	AXC	1896	2003. 04 ~ 2009. 11	VKMA 01250
	MULTIVAN V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) - 1.9 TDI	BRS	1896	2006. 06 ~ 2009. 11	VKMA 01250
	MULTIVAN V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) - 1.9 TDI	AXB	1896	2003. 04 ~ 2009. 11	VKMA 01250
	NEW BEETLE (9C1, 1C1) - 1.4	BCA	1390	2001. 11 ~	VKMA 01121
	NEW BEETLE (9C1, 1C1) - 1.8 T (003 000)	AVC	1781	1999. 10 ~	VKMA 01135
	NEW BEETLE (9C1, 1C1) - 1.8 T (028 500)	APH	1781	1999. 10 ~	VKMA 01135
	NEW BEETLE (9C1, 1C1) - 1.8 T(MOT:003 001)	AVC	1781	1999. 10 ~	VKMA 01136
	NEW BEETLE (9C1, 1C1) - 1.8 T(MOT:028 501)	APH	1781	1999. 10 ~	VKMA 01136
	NEW BEETLE (9C1, 1C1) - 1.9 TDI	ALH	1896	1998. 01 ~ 2004. 06	VKMA 01251
	NEW BEETLE (9C1, 1C1) - 1.9 TDI	ATD / BEW	1896	2001. 02 ~	VKMA 01142
	NEW BEETLE (9C1, 1C1) - 1.9 TDI (9C-2-613 921)	ATD / BEW	1896	2001. 02 ~	VKMA 01250
	NEW BEETLE Convertible (1Y7) - 1.4	BCA	1390	2003. 01 ~ 2010. 09	VKMA 01121
	NEW BEETLE Convertible (1Y7) - 1.9 TDI	AXR	1896	2003. 06 ~ 2010. 09	VKMA 01250
	NEW BEETLE Convertible (1Y7) - 1.9 TDI	BSW	1896	2005. 07 ~ 2010. 09	VKMA 01250
	PASSAT (32) - 1.3	ZA	1297	1973. 05 ~ 1978. 01	VKMA 01000
	PASSAT (32) - 1.3	ZF	1297	1973. 05 ~ 1978. 01	VKMA 01000
	PASSAT (32) - 1.5	YJ / ZB	1471	1973. 07 ~ 1975. 12	VKMA 01000
	PASSAT (32) - 1.5	ZC	1471	1973. 05 ~ 1975. 12	VKMA 01000
	PASSAT (32) - 1.6	FS	1588	1975. 08 ~ 1980. 07	VKMA 01000
	PASSAT (32) - 1.6	YP	1588	1975. 08 ~ 1980. 07	VKMA 01000
	PASSAT (32B) - 1.3	FY	1272	1980. 08 ~ 1983. 07	VKMA 01000
	PASSAT (32B) - 1.3	EP	1297	1980. 08 ~ 1986. 07	VKMA 01000



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
06B 109 243	GT60650							06B 109 244	GT60510				
06B 109 243	GT60650							06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		06B 109 243 A 06B 109 243 D						06B 109 244	GT60510				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	PASSAT (32B) - 1.6	PP	1588	1987. 08 ~ 1988. 03	VKMA 01000
	PASSAT (32B) - 1.6	RL	1595	1986. 02 ~ 1988. 03	VKMA 01000
	PASSAT (32B) - 1.6	WV / YN	1588	1980. 08 ~ 1988. 03	VKMA 01000
	PASSAT (32B) - 1.6	DT	1595	1980. 08 ~ 1988. 03	VKMA 01000
	PASSAT (32B) - 1.6	YP	1588	1981. 01 ~ 1983. 02	VKMA 01000
	PASSAT (32B) - 1.8	RM	1781	1986. 05 ~ 1988. 03	VKMA 01000
	PASSAT (32B) - 1.8	DS / JN	1781	1983. 01 ~ 1988. 03	VKMA 01000
	PASSAT (32B) - 1.8	DZ	1781	1983. 12 ~ 1988. 03	VKMA 01000
	PASSAT (32B) - 2.0	JS	1994	1983. 08 ~ 1988. 03	VKMA 01031
	PASSAT (32B) - 2.2	KX	2226	1985. 08 ~ 1988. 03	VKMA 01031
	PASSAT (32B) - 2.2	KV	2226	1985. 01 ~ 1988. 03	VKMA 01031
	PASSAT (362) - 1.6 TDI	CAYC	1598	2010. 08 ~ 2010. 11	VKMA 01269
	PASSAT (362) - 2.0 TDI	CFFA	1968	2010. 08 ~ 2010. 11	VKMA 01269
	PASSAT (362) - 2.0 TDI	CFFB	1968	2010. 08 ~ 2010. 11	VKMA 01269
	PASSAT (362) - 2.0 TDI	CFGB / CLLA	1968	2010. 08 ~ 2010. 11	VKMA 01269
	PASSAT (362) - 2.0 TDI 4motion	CFFB	1968	2010. 08 ~ 2010. 11	VKMA 01269
	PASSAT (362) - 2.0 TDI 4motion	CFGB / CLLA	1968	2010. 08 ~ 2010. 11	VKMA 01269
	PASSAT (3A2, 35I) - 1.6	1F / EZ	1595	1988. 02 ~ 1991. 09	VKMA 01000
	PASSAT (3A2, 35I) - 1.6	ABN / EZ	1595	1988. 02 ~ 1988. 12	VKMA 01000
	PASSAT (3A2, 35I) - 1.6	AEK / AFT	1595	1994. 10 ~ 1996. 08	VKMA 01000
	PASSAT (3A2, 35I) - 1.8	AAM	1781	1990. 08 ~ 1996. 08	VKMA 01000
	PASSAT (3A2, 35I) - 1.8	ABS / ADZ / RP	1781	1988. 02 ~ 1996. 08	VKMA 01000
	PASSAT (3A2, 35I) - 1.8	PF	1781	1988. 04 ~ 1993. 07	VKMA 01000
	PASSAT (3A2, 35I) - 1.8	PB	1781	1988. 04 ~ 1992. 07	VKMA 01000
	PASSAT (3A2, 35I) - 1.8 G60 Syncro	PG	1781	1988. 08 ~ 1996. 08	VKMA 01000
	PASSAT (3A2, 35I) - 1.9 TDI	AHU	1896	1993. 10 ~ 1996. 08	VKMA 01014
	PASSAT (3A2, 35I) - 1.9 TDI	AFN	1896	1996. 03 ~ 1996. 08	VKMA 01014
	PASSAT (3A2, 35I) - 1.9 TDI (289 575)	1Z	1896	1993. 10 ~ 1996. 08	VKMA 01012
	PASSAT (3A2, 35I) - 1.9 TDI (289 576)	1Z	1896	1993. 10 ~ 1996. 08	VKMA 01014
	PASSAT (3A2, 35I) - 2.0	AEP	1984	1995. 03 ~ 1996. 08	VKMA 01002
	PASSAT (3A2, 35I) - 2.0	2E / ADY / AGG	1984	1990. 02 ~ 1996. 08	VKMA 01002
	PASSAT (3A2, 35I) - 2.0 Syncro	2E	1984	1989. 09 ~ 1992. 07	VKMA 01002
	PASSAT (3A2, 35I) - 2.0 Syncro	2E / ADY / AGG	1984	1990. 10 ~ 1996. 08	VKMA 01002
	PASSAT (3B2) - 1.8	AFY	1781	1997. 01 ~ 2000. 11	VKMA 01008
PASSAT (3B2) - 1.8	ADR / APT / ARG	1781	1996. 10 ~ 2000. 11	VKMA 01008	
PASSAT (3B2) - 1.8 Syncro/4motion	ADR / APT / ARG	1781	1996. 10 ~ 2000. 11	VKMA 01008	
PASSAT (3B2) - 1.8 T	AEB / ANB / APU	1781	1996. 10 ~ 2000. 11	VKMA 01008	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 028 109 243 B						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243	GT80070												
026 109 243	GT80070												
026 109 243	GT80070												
026 109 243	GT80070												
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	PASSAT (3B2) - 1.8 T Syncro	AEB	1781	1996. 11 ~ 2000. 08	VKMA 01008
	PASSAT (3B2) - 1.9 TDI	AHU	1896	1996. 10 ~ 2000. 11	VKMA 01014
	PASSAT (3B2) - 1.9 TDI	AHH	1896	1996. 10 ~ 2000. 11	VKMA 01256
	PASSAT (3B2) - 1.9 TDI	AFN / AVG	1896	1996. 10 ~ 2000. 11	VKMA 01014
	PASSAT (3B2) - 1.9 TDI	AVB	1896	2000. 02 ~ 2000. 11	VKMA 01142
	PASSAT (3B2) - 1.9 TDI	ATJ	1896	1998. 08 ~ 2000. 11	VKMA 01142
	PASSAT (3B2) - 1.9 TDI (185 670)	AJM	1896	1998. 08 ~ 2000. 11	VKMA 01143
	PASSAT (3B2) - 1.9 TDI (185 671)	AJM	1896	1998. 08 ~ 2000. 11	VKMA 01142
	PASSAT (3B2) - 1.9 TDI 4motion	ATJ	1896	1999. 08 ~ 2000. 11	VKMA 01142
	PASSAT (3B2) - 1.9 TDI 4motion (185 670)	AJM	1896	1999. 08 ~ 2000. 11	VKMA 01143
	PASSAT (3B2) - 1.9 TDI 4motion (185 671)	AJM	1896	1999. 08 ~ 2000. 11	VKMA 01142
	PASSAT (3B2) - 1.9 TDI Syncro/4motion	AFN / AVG	1896	1996. 10 ~ 2000. 11	VKMA 01014
	PASSAT (3B2) - 2.8 Syncro	AGE	2771	1997. 05 ~ 1999. 09	VKMA 01202
	PASSAT (3B2) - 2.8 V6	AGE	2771	1997. 05 ~ 1999. 09	VKMA 01202
	PASSAT (3B2) - 2.8 V6	ATX / BBG	2771	1999. 09 ~ 2000. 11	VKMA 01202
	PASSAT (3B2) - 2.8 V6	ACK / AHA / APR	2771	1996. 08 ~ 2000. 11	VKMA 01202
	PASSAT (3B2) - 2.8 V6 Syncro/4motion	ACK / AHA / ALG / APR / AQD	2771	1996. 10 ~ 2000. 11	VKMA 01202
	PASSAT (3B3) - 1.8 T	AWM	1781	2001. 02 ~ 2005. 05	VKMA 01018
	PASSAT (3B3) - 1.8 T 20V	AWT	1781	2000. 11 ~ 2005. 05	VKMA 01018
	PASSAT (3B3) - 1.8 T 4motion	AWM	1781	2001. 03 ~ 2005. 05	VKMA 01018
	PASSAT (3B3) - 1.9 TDI	AVB	1896	2003. 01 ~ 2005. 05	VKMA 01250
	PASSAT (3B3) - 1.9 TDI	AVF / AWX	1896	2003. 01 ~ 2005. 05	VKMA 01250
	PASSAT (3B3) - 1.9 TDI	AVB	1896	2000. 11 ~ 2005. 05	VKMA 01142
	PASSAT (3B3) - 1.9 TDI	AVF / AWX	1896	2000. 11 ~ 2005. 05	VKMA 01142
	PASSAT (3B3) - 1.9 TDI 4motion	AVF	1896	2000. 11 ~ 2005. 05	VKMA 01142
	PASSAT (3B3) - 2.0	ALT	1984	2001. 11 ~ 2005. 05	VKMA 01018
	PASSAT (3B3) - 2.0 TDI	BGW	1968	2003. 12 ~ 2005. 05	VKMA 01250
	PASSAT (3B3) - 2.8 4motion	AMX / ATQ	2771	2000. 11 ~ 2005. 05	VKMA 01202
	PASSAT (3C2) - 1.6 TDI	CAYC	1598	2009. 08 ~ 2010. 07	VKMA 01269
	PASSAT (3C2) - 1.9 TDI	BKC / BLS / BXE	1896	2005. 03 ~ 2008. 11	VKMA 01250
	PASSAT (3C2) - 2.0 BlueTDI	CBAC	1968	2009. 01 ~	VKMA 01263
	PASSAT (3C2) - 2.0 FSI	BLR / BLY / BVY / BVZ	1984	2005. 03 ~ 2010. 07	VKMA 01222
	PASSAT (3C2) - 2.0 FSI	AXX / BPY / BWA	1984	2005. 07 ~ 2010. 07	VKMA 01222
	PASSAT (3C2) - 2.0 FSI 4motion	BLX / BLY / BVX	1984	2005. 09 ~ 2010. 07	VKMA 01222
	PASSAT (3C2) - 2.0 TDI	CBDC	1968	2008. 11 ~ 2010. 07	VKMA 01263
	PASSAT (3C2) - 2.0 TDI	CBAA	1968	2005. 03 ~ 2010. 11	VKMA 01263
PASSAT (3C2) - 2.0 TDI	BMP	1968	2005. 03 ~	VKMA 01250	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
058 109 243 E	GT60660							058 109 244	GT90860				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 H						028 109 244	GT60330				
		028 109 243 J											
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		045 109 243 B						045 109 244 A	GT60350				
		045 109 243 D											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		045 109 243 B						045 109 244 A	GT60350				
		045 109 243 D											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		06B 109 243 B						06B 109 244	GT60510				
		06B 109 243 E											
		06B 109 243 B						06B 109 244	GT60510				
		06B 109 243 E											
		06B 109 243 B						06B 109 244	GT60510				
		06B 109 243 E											
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		045 109 243 A						045 109 244 A	GT60350				
		045 109 243 C											
		06B 109 243 B						06B 109 244	GT60510				
		06B 109 243 E											
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		03L 109 243 B						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F											
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	PASSAT (3C2) - 2.0 TDI	CBBB	1968	2005. 08 ~	VKMA 01263
	PASSAT (3C2) - 2.0 TDI (3C-6-300 000)	BWV	1968	2005. 11 ~ 2007. 05	VKMA 01255
	PASSAT (3C2) - 2.0 TDI (3C-6-300 000)	BVE	1968	2005. 08 ~ 2006. 07	VKMA 01255
	PASSAT (3C2) - 2.0 TDI (3C-6-300 000)	BMA	1968	2005. 03 ~ 2010. 11	VKMA 01255
	PASSAT (3C2) - 2.0 TDI (3C-6-300 000)	BUZ	1968	2005. 08 ~	VKMA 01255
	PASSAT (3C2) - 2.0 TDI (3C-6-300 000)	BMR	1968	2005. 08 ~	VKMA 01255
	PASSAT (3C2) - 2.0 TDI (3C-7-000 001)	BWV	1968	2005. 11 ~ 2007. 05	VKMA 01259
	PASSAT (3C2) - 2.0 TDI (3C-7-000 001)	BVE	1968	2005. 08 ~ 2006. 07	VKMA 01259
	PASSAT (3C2) - 2.0 TDI (3C-7-000 001)	BMA	1968	2005. 03 ~ 2010. 11	VKMA 01259
	PASSAT (3C2) - 2.0 TDI (3C-7-000 001)	BUZ	1968	2005. 08 ~	VKMA 01259
	PASSAT (3C2) - 2.0 TDI (3C-7-000 001)	BMR	1968	2005. 08 ~	VKMA 01259
	PASSAT (3C2) - 2.0 TDI 16V	CBAB	1968	2005. 03 ~	VKMA 01263
	PASSAT (3C2) - 2.0 TDI 16V (3C-6-300 000)	BKP	1968	2005. 03 ~	VKMA 01255
	PASSAT (3C2) - 2.0 TDI 16V (3C-7-000 001)	BKP	1968	2005. 03 ~	VKMA 01259
	PASSAT (3C2) - 2.0 TDI 16V 4motion	CBAB	1968	2005. 03 ~	VKMA 01263
	PASSAT (3C2) - 2.0 TDI 16V 4motion (3C-6-300 000)	BKP	1968	2005. 03 ~	VKMA 01255
	PASSAT (3C2) - 2.0 TDI 16V 4motion (3C-7-000 001)	BKP	1968	2005. 03 ~	VKMA 01259
	PASSAT (3C2) - 2.0 TDI 4motion	CBBB	1968	2009. 05 ~	VKMA 01263
	PASSAT (3C2) - 2.0 TDI 4motion	BMP	1968	2005. 03 ~	VKMA 01250
	PASSAT CC (357) - 2.0 BlueTDI	CBAA / CBAB / CBAC	1968	2009. 05 ~ 2010. 11	VKMA 01263
	PASSAT CC (357) - 2.0 TDI	CFFA / CFFB	1968	2008. 06 ~ 2010. 11	VKMA 01269
	PASSAT CC (357) - 2.0 TDI	CBAA / CBAB / CBDC	1968	2008. 06 ~	VKMA 01263
	PASSAT CC (357) - 2.0 TDI	CBBA	1968	2008. 05 ~ 2011. 05	VKMA 01263
	PASSAT Saloon (32B) - 1.6	PP	1588	1987. 08 ~ 1988. 03	VKMA 01000
	PASSAT Saloon (32B) - 1.6	RL	1595	1985. 01 ~ 1988. 03	VKMA 01000
	PASSAT Saloon (32B) - 1.6	DT	1595	1985. 01 ~ 1988. 03	VKMA 01000
	PASSAT Saloon (32B) - 1.8	RM	1781	1986. 05 ~ 1988. 03	VKMA 01000
	PASSAT Saloon (32B) - 1.8	DS / JN	1781	1985. 01 ~ 1988. 03	VKMA 01000
	PASSAT Saloon (32B) - 2.0	JS	1994	1984. 08 ~ 1985. 07	VKMA 01031
	PASSAT Saloon (32B) - 2.2	KX	2226	1985. 01 ~ 1988. 03	VKMA 01031
	PASSAT Variant (32B) - 1.3	EP	1297	1980. 08 ~ 1986. 07	VKMA 01000
	PASSAT Variant (32B) - 1.6	PP	1588	1987. 08 ~ 1988. 03	VKMA 01000
PASSAT Variant (32B) - 1.6	RL	1595	1986. 02 ~ 1988. 03	VKMA 01000	
PASSAT Variant (32B) - 1.6	WW / YN	1588	1980. 08 ~ 1988. 03	VKMA 01000	
PASSAT Variant (32B) - 1.6	DT	1595	1980. 08 ~ 1988. 03	VKMA 01000	
PASSAT Variant (32B) - 1.6	YP	1588	1981. 01 ~ 1983. 02	VKMA 01000	
PASSAT Variant (32B) - 1.8	RM	1781	1986. 05 ~ 1988. 03	VKMA 01000	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 B						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F											
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	PASSAT Variant (32B) - 1.8	DS / JN	1781	1983.01 ~ 1988.03	VKMA 01000
	PASSAT Variant (32B) - 1.8	DZ	1781	1983.12 ~ 1988.03	VKMA 01000
	PASSAT Variant (32B) - 1.8 Syncro	DS / JN	1781	1986.01 ~ 1988.03	VKMA 01000
	PASSAT Variant (32B) - 2.0	JS	1994	1983.08 ~ 1988.03	VKMA 01031
	PASSAT Variant (32B) - 2.0 Syncro	JS	1994	1984.05 ~ 1988.03	VKMA 01031
	PASSAT Variant (32B) - 2.2	KX	2226	1985.08 ~ 1988.03	VKMA 01031
	PASSAT Variant (32B) - 2.2	KV	2226	1985.01 ~ 1988.03	VKMA 01031
	PASSAT Variant (32B) - 2.2 Syncro	JT	2226	1985.08 ~ 1988.03	VKMA 01031
	PASSAT Variant (33) - 1.3	ZA	1297	1973.05 ~ 1978.01	VKMA 01000
	PASSAT Variant (33) - 1.3	ZF	1297	1973.10 ~ 1978.01	VKMA 01000
	PASSAT Variant (33) - 1.5	YJ / ZB	1471	1973.10 ~ 1975.08	VKMA 01000
	PASSAT Variant (33) - 1.5	ZC	1471	1973.10 ~ 1975.12	VKMA 01000
	PASSAT Variant (33) - 1.6	YN	1588	1976.02 ~ 1980.07	VKMA 01000
	PASSAT Variant (33) - 1.6	YP	1588	1975.08 ~ 1980.07	VKMA 01000
	PASSAT Variant (33) - 1.6 i	YS	1588	1978.06 ~ 1980.07	VKMA 01000
	PASSAT Variant (365) - 1.6 TDI	CAYC	1598	2010.08 ~ 2010.11	VKMA 01269
	PASSAT Variant (365) - 2.0 TDI	CFFA	1968	2010.08 ~ 2010.11	VKMA 01269
	PASSAT Variant (365) - 2.0 TDI	CFFB	1968	2010.08 ~ 2010.11	VKMA 01269
	PASSAT Variant (365) - 2.0 TDI	CFGB / CLLA	1968	2010.08 ~ 2010.11	VKMA 01269
	PASSAT Variant (365) - 2.0 TDI 4motion	CFFB	1968	2010.08 ~ 2010.11	VKMA 01269
	PASSAT Variant (365) - 2.0 TDI 4motion	CFGB / CLLA	1968	2010.08 ~ 2010.11	VKMA 01269
	PASSAT Variant (3A5, 35I) - 1.6	1F / EZ	1595	1988.04 ~ 1991.09	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.6	EZ	1595	1988.04 ~ 1988.12	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.6	AEK / AFT	1595	1994.07 ~ 1995.12	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.8	AAM	1781	1990.08 ~ 1997.05	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.8	ABS / ADZ / RP	1781	1988.02 ~ 1997.05	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.8	PF	1781	1988.04 ~ 1990.07	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.8	PB	1781	1988.04 ~ 1992.07	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.8 G60 Syncro	PG	1781	1988.08 ~ 1997.05	VKMA 01000
	PASSAT Variant (3A5, 35I) - 1.9 TDI	AHU	1896	1993.10 ~ 1997.05	VKMA 01014
	PASSAT Variant (3A5, 35I) - 1.9 TDI	AFN	1896	1996.03 ~ 1997.05	VKMA 01014
	PASSAT Variant (3A5, 35I) - 1.9 TDI (289 575)	1Z	1896	1993.10 ~ 1997.05	VKMA 01012
	PASSAT Variant (3A5, 35I) - 1.9 TDI (289 576)	1Z	1896	1993.10 ~ 1997.05	VKMA 01014
PASSAT Variant (3A5, 35I) - 2.0	AEP	1984	1995.03 ~ 1996.08	VKMA 01000	
PASSAT Variant (3A5, 35I) - 2.0	2E / ADY / AGG	1984	1990.02 ~ 1997.05	VKMA 01000	
PASSAT Variant (3A5, 35I) - 2.0	2E / ADY / AGG	1984	1993.10 ~ 1996.10	VKMA 01000	
PASSAT Variant (3A5, 35I) - 2.0 Syncro	2E / ADY / AGG	1984	1990.10 ~ 1997.05	VKMA 01000	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
								069 109 243 B	GT60430				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243						028 109 244	GT60330				
		028 109 243 B						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	PASSAT Variant (3B5) - 1.8	AFY	1781	1997.06 ~ 2000.11	VKMA 01008
	PASSAT Variant (3B5) - 1.8	ADR / APT / ARG	1781	1997.06 ~ 2000.11	VKMA 01008
	PASSAT Variant (3B5) - 1.8 Syncro/4motion	ADR / APT / ARG	1781	1997.06 ~ 2000.11	VKMA 01008
	PASSAT Variant (3B5) - 1.8 T	AEB / ANB / APU	1781	1997.06 ~ 2000.11	VKMA 01008
	PASSAT Variant (3B5) - 1.9 TDI	AHU	1896	1997.06 ~ 2000.11	VKMA 01014
	PASSAT Variant (3B5) - 1.9 TDI	AHH	1896	1997.06 ~ 2000.11	VKMA 01256
	PASSAT Variant (3B5) - 1.9 TDI	AFN / AVG	1896	1997.06 ~ 2000.11	VKMA 01014
	PASSAT Variant (3B5) - 1.9 TDI	AVB	1896	2000.02 ~ 2000.11	VKMA 01142
	PASSAT Variant (3B5) - 1.9 TDI	ATJ	1896	1998.08 ~ 2000.11	VKMA 01142
	PASSAT Variant (3B5) - 1.9 TDI (185 670)	AJM	1896	1998.08 ~ 2000.11	VKMA 01143
	PASSAT Variant (3B5) - 1.9 TDI (185 671)	AJM	1896	1998.08 ~ 2000.11	VKMA 01142
	PASSAT Variant (3B5) - 1.9 TDI 4motion	ATJ	1896	1998.08 ~ 2000.11	VKMA 01142
	PASSAT Variant (3B5) - 1.9 TDI Syncro/4motion	AFN / AVG	1896	1997.06 ~ 2000.11	VKMA 01014
	PASSAT Variant (3B5) - 2.8 Syncro	AGE	2771	1997.05 ~ 1999.09	VKMA 01202
	PASSAT Variant (3B5) - 2.8 V6	AGE	2771	1997.09 ~ 1999.09	VKMA 01202
	PASSAT Variant (3B5) - 2.8 V6	ATX	2771	1999.09 ~ 2000.11	VKMA 01202
	PASSAT Variant (3B5) - 2.8 V6	ACK / AHA / APR	2771	1997.06 ~ 2000.11	VKMA 01202
	PASSAT Variant (3B5) - 2.8 V6 Syncro/4motion	ACK / AHA / ALG / APR / AQD	2771	1997.06 ~ 2000.11	VKMA 01202
	PASSAT Variant (3B6) - 1.8 4motion	AWM	1781	2001.03 ~ 2005.05	VKMA 01018
	PASSAT Variant (3B6) - 1.8 T	AWM	1781	2002.05 ~ 2005.08	VKMA 01018
	PASSAT Variant (3B6) - 1.8 T 20V	AWT	1781	2000.11 ~ 2005.05	VKMA 01018
	PASSAT Variant (3B6) - 1.9 TDI	AVB	1896	2000.11 ~ 2003.01	VKMA 01250
	PASSAT Variant (3B6) - 1.9 TDI	AVF / AWX	1896	2000.11 ~ 2003.01	VKMA 01250
	PASSAT Variant (3B6) - 1.9 TDI	AVB	1896	2000.11 ~ 2005.05	VKMA 01142
	PASSAT Variant (3B6) - 1.9 TDI	AVF / AWX	1896	2000.11 ~ 2005.05	VKMA 01142
	PASSAT Variant (3B6) - 1.9 TDI 4motion	AVF	1896	2000.11 ~ 2005.05	VKMA 01142
	PASSAT Variant (3B6) - 2.0	ALT	1984	2001.11 ~ 2005.05	VKMA 01018
	PASSAT Variant (3B6) - 2.0 TDI	BGW	1968	2003.12 ~ 2005.05	VKMA 01250
	PASSAT Variant (3B6) - 2.8 4motion	AMX / ATQ	2771	2000.11 ~ 2005.05	VKMA 01202
	PASSAT Variant (3C5) - 1.6 TDI	CAYC	1598	2009.08 ~ 2010.11	VKMA 01269
	PASSAT Variant (3C5) - 1.9 TDI	BKC / BLS / BXE	1896	2005.08 ~ 2008.11	VKMA 01250
	PASSAT Variant (3C5) - 2.0 BlueTDI	CBAC	1968	2009.01 ~	VKMA 01263
	PASSAT Variant (3C5) - 2.0 FSI	BLR / BLY / BVY / BVZ	1984	2005.08 ~ 2010.11	VKMA 01222
PASSAT Variant (3C5) - 2.0 FSI	AXX / BPY / BWA	1984	2005.08 ~ 2010.11	VKMA 01222	
PASSAT Variant (3C5) - 2.0 FSI 4motion	BLX / BLY / BVX	1984	2005.09 ~ 2010.11	VKMA 01222	
PASSAT Variant (3C5) - 2.0 TDI	CBDC	1968	2008.11 ~ 2010.11	VKMA 01263	
PASSAT Variant (3C5) - 2.0 TDI	CBAA	1968	2005.08 ~ 2010.11	VKMA 01259	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
058 109 243 E	GT60660							058 109 244	GT90860				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 H 028 109 243 J						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		06B 109 243 B 06B 109 243 E						06B 109 244	GT60510				
		06B 109 243 B 06B 109 243 E						06B 109 244	GT60510				
		06B 109 243 B 06B 109 243 E						06B 109 244	GT60510				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		06B 109 243 B 06B 109 243 E						06B 109 244	GT60510				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
078 109 243 R	GT90750							078 109 244 H	GT90850				
		03L 109 243 B 03L 109 243 F						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	PASSAT Variant (3C5) - 2.0 TDI	BMP	1968	2005. 08 ~	VKMA 01250
	PASSAT Variant (3C5) - 2.0 TDI	CBBB	1968	2005. 08 ~	VKMA 01263
	PASSAT Variant (3C5) - 2.0 TDI (3C-6-300 000)	BWV	1968	2005. 11 ~ 2007. 05	VKMA 01255
	PASSAT Variant (3C5) - 2.0 TDI (3C-6-300 000)	BVE	1968	2005. 08 ~ 2006. 02	VKMA 01255
	PASSAT Variant (3C5) - 2.0 TDI (3C-6-300 000)	BMA	1968	2005. 08 ~ 2010. 11	VKMA 01255
	PASSAT Variant (3C5) - 2.0 TDI (3C-6-300 000)	BUZ	1968	2005. 08 ~	VKMA 01255
	PASSAT Variant (3C5) - 2.0 TDI (3C-6-300 000)	BMR	1968	2005. 08 ~	VKMA 01255
	PASSAT Variant (3C5) - 2.0 TDI (3C-7-000 001)	BWV	1968	2005. 11 ~ 2007. 05	VKMA 01259
	PASSAT Variant (3C5) - 2.0 TDI (3C-7-000 001)	BVE	1968	2005. 08 ~ 2006. 02	VKMA 01259
	PASSAT Variant (3C5) - 2.0 TDI (3C-7-000 001)	BMA	1968	2005. 08 ~ 2010. 11	VKMA 01259
	PASSAT Variant (3C5) - 2.0 TDI (3C-7-000 001)	BUZ	1968	2005. 08 ~	VKMA 01259
	PASSAT Variant (3C5) - 2.0 TDI (3C-7-000 001)	BMR	1968	2005. 08 ~	VKMA 01259
	PASSAT Variant (3C5) - 2.0 TDI 16V	CBAB	1968	2005. 08 ~	VKMA 01263
	PASSAT Variant (3C5) - 2.0 TDI 16V (3C-6-300 000)	BKP	1968	2005. 08 ~	VKMA 01255
	PASSAT Variant (3C5) - 2.0 TDI 16V (3C-7-000 001)	BKP	1968	2005. 08 ~	VKMA 01259
	PASSAT Variant (3C5) - 2.0 TDI 16V 4motion	CBAB	1968	2005. 08 ~	VKMA 01263
	PASSAT Variant (3C5) - 2.0 TDI 16V 4motion (3C-6-300 000)	BKP	1968	2005. 08 ~	VKMA 01255
	PASSAT Variant (3C5) - 2.0 TDI 16V 4motion (3C-7-000 001)	BKP	1968	2005. 08 ~	VKMA 01259
	PASSAT Variant (3C5) - 2.0 TDI 4motion	BMP	1968	2005. 08 ~	VKMA 01250
	PASSAT Variant (3C5) - 2.0 TDI 4motion	CBBB	1968	2009. 05 ~	VKMA 01263
	PHAETON (3D_) - 4.2 V8 4motion	2003. 05 ~	4172	2003. 05 ~	VKMA 01927
	POLO (6N1) - 1.7 SDI	AHG	1716	1997. 04 ~ 1999. 10	VKMA 01016
	POLO (6N1) - 120 1.6 16V GTI (005 000)	AJV	1598	1998. 09 ~ 1999. 10	VKMA 01120
	POLO (6N1) - 120 1.6 16V GTI (005 001)	AJV	1598	1998. 09 ~ 1999. 10	VKMA 01121
	POLO (6N1) - 60 1.7 SDI	AKU	1716	1997. 08 ~ 1999. 10	VKMA 01016
	POLO (6N1) - 64 1.9 SDI	AGD	1896	1996. 07 ~ 1999. 10	VKMA 01016
	POLO (6N2) - 1.4 16V	AHW / APE / AUA	1390	1999. 10 ~ 2001. 09	VKMA 01121
	POLO (6N2) - 1.4 16V	AFK / AQQ / AUB	1390	1999. 10 ~ 2001. 09	VKMA 01121
	POLO (6N2) - 1.4 TDI (011 494)	AMF	1422	1999. 10 ~ 2001. 09	VKMA 01143
	POLO (6N2) - 1.4 TDI (011 495)	AMF	1422	1999. 10 ~ 2001. 09	VKMA 01142
	POLO (6N2) - 1.6 16V GTI	ARC / AVY	1598	1999. 10 ~ 2001. 09	VKMA 01121
	POLO (6N2) - 1.7 SDI	AKU	1716	1999. 10 ~ 2001. 09	VKMA 01016
POLO (6N2) - 1.9 SDI	AGD / ASX	1896	1999. 10 ~ 2001. 09	VKMA 01016	
POLO (6R_) - 1.2 TDI	CFWA	1199	2009. 10 ~	VKMA 01269	
POLO (6R_) - 1.4	CGGB	1390	2009. 06 ~	VKMA 01122	
POLO (6R_) - 1.6 TDI	CAYA	1598	2009. 06 ~ 2010. 11	VKMA 01269	
POLO (6R_) - 1.6 TDI	CAYB	1598	2009. 06 ~ 2010. 11	VKMA 01269	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
								077 109 244 C	GT60410				
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		036 109 243 F	GTB0260			036 109 243 AB	GTB0130	036 109 181A	GT30550	036.109.244D		GT70730	
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D		GT70730	
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D		GT70730	
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D		GT70730	
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D		GT70730	
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036.109.244D	GT70730				
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L.109.244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	POLO (6R_) - 1.6 TDI	CAYC / CLNA	1598	2009. 06 ~ 2010. 11	VKMA 01269
	POLO (6R_) - 2.0 R WRC	CDLJ	1984	2013. 08 ~	VKMA 01225
	POLO (9N_) - 1.4 16V	AUA / BBY / BKY	1390	2001. 10 ~ 2008. 05	VKMA 01121
	POLO (9N_) - 1.4 16V	AUB / BBZ	1390	2001. 10 ~ 2008. 05	VKMA 01121
	POLO (9N_) - 1.4 16V	BUD	1390	2006. 05 ~ 2009. 11	VKMA 01122
	POLO (9N_) - 1.4 16V (9N-6-300 000)	BKY	1390	2001. 10 ~ 2008. 05	VKMA 01121
	POLO (9N_) - 1.4 16V (9N-7-000 001)	BKY	1390	2001. 10 ~ 2008. 05	VKMA 01122
	POLO (9N_) - 1.4 TDI	BNM / BWB	1422	2005. 04 ~ 2009. 11	VKMA 01250
	POLO (9N_) - 1.4 TDI	BMS / BNV	1422	2005. 04 ~ 2009. 11	VKMA 01250
	POLO (9N_) - 1.4 TDI	AMF / BAY	1422	2001. 10 ~ 2005. 06	VKMA 01142
	POLO (9N_) - 1.4 TDI (9N-2-100 000)	AMF / BAY	1422	2001. 10 ~ 2005. 06	VKMA 01250
	POLO (9N_) - 1.4 TDI (9N-2-100 001)	AMF / BAY	1422	2001. 10 ~ 2005. 06	VKMA 01250
	POLO (9N_) - 1.8 GTI	BJX	1781	2005. 09 ~ 2009. 11	
	POLO (9N_) - 1.8 GTi Cup Edition	BBU	1781	2006. 05 ~ 2009. 11	
	POLO (9N_) - 1.9 TDI	ASZ / BLT	1896	2003. 11 ~ 2009. 11	VKMA 01250
	POLO (9N_) - 1.9 TDI (9N-2-100 000)	ATD / AXR / BMT	1896	2005. 04 ~ 2009. 11	VKMA 01250
	POLO (9N_) - 1.9 TDI (9N-2-100 001)	ATD / AXR / BMT	1896	2005. 04 ~ 2009. 11	VKMA 01250
	POLO Box (6NF) - 1.7 SDI	AKU	1716	1997. 08 ~ 1999. 12	VKMA 01016
	POLO Box (6NF) - 1.9 SDI	AGD	1896	1996. 07 ~ 1999. 12	VKMA 01016
	POLO CLASSIC (6KV2) - 1.9 SDI	AEY	1896	1996. 06 ~ 2001. 09	VKMA 01019
	POLO CLASSIC (6KV2) - 100 1.6	AFT	1595	1995. 12 ~ 2001. 09	VKMA 01009
	POLO CLASSIC (6KV2) - 110 1.9 TDI	ASV	1896	1998. 06 ~ 2002. 01	VKMA 01251
	POLO CLASSIC (6KV2) - 110 1.9 TDI	AFN	1896	1998. 06 ~ 2002. 01	VKMA 01014
	POLO CLASSIC (6KV2) - 57 1.7 SDI	AKW	1716	1997. 07 ~ 2001. 09	VKMA 01019
	POLO CLASSIC (6KV2) - 64 1.9 SDI	AEY	1896	1995. 12 ~ 1999. 08	VKMA 01019
	POLO CLASSIC (6KV2) - 68 1.9 SDI	AGP / AQM	1896	1999. 08 ~ 2002. 01	VKMA 01251
	POLO CLASSIC (6KV2) - 75 1.4 16V	APE / AUA	1390	1999. 10 ~ 2001. 09	VKMA 01121
	POLO CLASSIC (6KV2) - 75 1.6	1F	1595	1995. 11 ~ 1997. 09	VKMA 01000
	POLO CLASSIC (6KV2) - 90 1.8	ADD	1781	1997. 01 ~ 2001. 09	VKMA 01009
	POLO CLASSIC (6KV2) - 90 1.9 TDI	AGR / ALH	1896	1996. 09 ~ 2001. 09	VKMA 01251
	POLO CLASSIC (6KV2) - 90 1.9 TDI	AHU / ALE	1896	1996. 09 ~ 2001. 09	VKMA 01014
	POLO Saloon (9A4) - 1.4	BBY	1390	2003. 07 ~	VKMA 01121
	POLO Saloon (9A4) - 1.4 (9N-6-300 000)	BKY	1390	2003. 07 ~	VKMA 01121
	POLO Saloon (9A4) - 1.4 (9N-6-300 000)	BBZ	1390	2003. 11 ~	VKMA 01121
POLO Saloon (9A4) - 1.4 (9N-7-000 001)	BKY	1390	2003. 07 ~	VKMA 01122	
POLO Saloon (9A4) - 1.4 (9N-7-000 001)	BBZ	1390	2003. 11 ~	VKMA 01122	
POLO Saloon (9A4) - 1.4 TDI (9N-2-100 000)	BAY	1422	2003. 07 ~	VKMA 01250	





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		03L 109 243 B 03L 109 243 F						03L 109 244E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		06D 109 243 C						06B 109 244	GT60510	06D 109 244E	GT50630		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036 109 244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036 109 244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 244D	GT70730				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036 109 244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 244D	GT70730				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
								06B 109 244	GT60510				
								06B 109 244	GT60510				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		028 109 243 D 028 109 243 G						028 109 244	GT60330				
		1058458	GTB0270					028 109 244	GT60330				
026 109 243 A	GT80070												
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		1058458	GTB0270					028 109 244	GT60330				
		1058458	GTB0270					028 109 244	GT60330				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036 109 244D	GT70730		
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036 109 244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036 109 244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036 109 244D	GT70730		
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 244D	GT70730				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 244D	GT70730				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	POLO Saloon (9A4) - 1.4 TDI (9N-2-100 001)	BAY	1422	2003. 07 ~	VKMA 01250
	POLO Saloon (9A4) - 1.9 Tdi (9N-2-100 000)	ATD	1896	2002. 09 ~	VKMA 01250
	POLO Saloon (9A4) - 1.9 Tdi (9N-2-100 001)	ATD	1896	2002. 09 ~	VKMA 01250
	POLO Variant (6KV5) - 1.4 16V	APE / AUA	1390	1999. 10 ~ 2001. 09	VKMA 01121
	POLO Variant (6KV5) - 1.6	AFT	1595	1997. 05 ~ 2001. 09	VKMA 01009
	POLO Variant (6KV5) - 1.7 SDI	AKW	1716	1997. 08 ~ 2001. 09	VKMA 01019
	POLO Variant (6KV5) - 1.8	ADD / ADZ	1781	1997. 05 ~ 2001. 09	VKMA 01009
	POLO Variant (6KV5) - 1.9 SDI	AEY	1896	1997. 06 ~ 2001. 09	VKMA 01019
	POLO Variant (6KV5) - 1.9 SDI (004 132)	AQM	1896	1999. 08 ~ 2001. 09	VKMA 01251
	POLO Variant (6KV5) - 1.9 SDI (229 903)	AGP	1896	1999. 08 ~ 2001. 09	VKMA 01251
	POLO Variant (6KV5) - 1.9 TDI	AGR / ALH	1896	1997. 05 ~ 2001. 09	VKMA 01251
	POLO Variant (6KV5) - 1.9 TDI	ASV	1896	1998. 06 ~ 2001. 09	VKMA 01251
	POLO Variant (6KV5) - 1.9 TDI	AHU / ALE	1896	1997. 05 ~ 2001. 09	VKMA 01014
	POLO Variant (6KV5) - 1.9 TDI	AFN	1896	1998. 06 ~ 2001. 09	VKMA 01014
	SANTANA - 1.8 i	AAM / ABS / ADZ	1781	1995. 01 ~	VKMA 01000
	SANTANA (32B) - 1.6	WV	1588	1981. 08 ~ 1984. 12	VKMA 01000
	SANTANA (32B) - 1.6	YP	1588	1981. 08 ~ 1982. 12	VKMA 01000
	SANTANA (32B) - 1.6	DT	1595	1981. 08 ~ 1984. 12	VKMA 01000
	SANTANA (32B) - 1.8	DS	1781	1983. 01 ~ 1984. 12	VKMA 01000
	SANTANA (32B) - 2.0	JS	1994	1983. 08 ~ 1984. 12	VKMA 01031
	SCIROCCO (137) - 2.0 R	CDLC	1984	2009. 11 ~	
	SCIROCCO (137) - 2.0 R	CDAL	1984	2009. 11 ~	
	SCIROCCO (137) - 2.0 TDI	CBBB	1968	2009. 05 ~	VKMA 01263
	SCIROCCO (137) - 2.0 TDI	CBDB	1968	2008. 08 ~	VKMA 01263
	SCIROCCO (53) - 1.5	JB	1457	1977. 08 ~ 1980. 07	VKMA 01000
	SCIROCCO (53) - 1.5	FH	1471	1974. 02 ~ 1975. 12	VKMA 01000
	SCIROCCO (53) - 1.5	YJ / ZB	1471	1974. 02 ~ 1975. 08	VKMA 01000
	SCIROCCO (53) - 1.5	FR	1471	1974. 02 ~ 1977. 12	VKMA 01000
	SCIROCCO (53) - 1.6	FT	1588	1975. 08 ~ 1977. 07	VKMA 01000
	SCIROCCO (53) - 1.6	FP	1588	1975. 08 ~ 1979. 07	VKMA 01000
	SCIROCCO (53) - 1.6	FR	1588	1975. 08 ~ 1980. 07	VKMA 01000
	SCIROCCO (53) - 1.6	EG	1588	1976. 06 ~ 1980. 07	VKMA 01000
SCIROCCO (53B) - 1.5	JB	1457	1980. 08 ~ 1983. 12	VKMA 01000	
SCIROCCO (53B) - 1.6	EW	1595	1983. 01 ~ 1989. 12	VKMA 01000	
SCIROCCO (53B) - 1.6	FR	1588	1980. 08 ~ 1984. 04	VKMA 01000	
SCIROCCO (53B) - 1.6	EG	1588	1980. 08 ~ 1982. 07	VKMA 01000	
SCIROCCO (53B) - 1.6	EWA	1595	1983. 08 ~ 1984. 07	VKMA 01000	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		036 109 243 AB	GTB0130			036 109 243 AC	GTB0140	036 109 181A	GT30550	036.109.244D	GT70730		
026 109 243 A	GT80070												
		1058458	GTB0270					028 109 244	GT60330				
026 109 243 A	GT80070												
		1058458	GTB0270					028 109 244	GT60330				
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		038 109 243 D	GTB0300					038 109 244H	GT60420	058 109 244	GT90860	038 109 244 E	GT60340
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
								069 109 243 B	GT60430				
								06B 109 244	GT60510	06D.109.244E	GT50630		
								06B 109 244	GT60510	06D.109.244E	GT50630		
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												

# Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	SCIROCCO (53B) - 1.6	RE	1595	1986.04 ~ 1990.07	VKMA 01000
	SCIROCCO (53B) - 1.8	EX	1781	1983.08 ~ 1992.07	VKMA 01000
	SCIROCCO (53B) - 1.8	JH	1781	1985.11 ~ 1992.07	VKMA 01000
	SCIROCCO (53B) - 1.8	DX / EV / PB	1781	1982.08 ~ 1989.12	VKMA 01000
	SHARAN (7M8, 7M9, 7M6) - 1.8 T 20V	AJH	1781	1997.09 ~ 2000.02	VKMA 01135
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI	ANU	1896	2003.01 ~ 2010.03	VKMA 01250
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI	AUY / BVK	1896	2003.01 ~ 2010.03	VKMA 01250
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI	ASZ	1896	2002.11 ~ 2010.03	VKMA 01250
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI	BTB	1896	2005.06 ~ 2010.03	VKMA 01250
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI	1Z / AHU	1896	1995.09 ~ 2010.03	VKMA 01019
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI	AFN / AVG	1896	1996.09 ~ 2000.04	VKMA 01019
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI	AUY / BVK	1896	2000.04 ~ 2010.03	VKMA 01142
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI (005 000)	ANU	1896	1995.09 ~ 2010.03	VKMA 01143
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI (005 001)	ANU	1896	1995.09 ~ 2010.03	VKMA 01142
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI 4motion	AUY / BVK	1896	2003.01 ~ 2010.03	VKMA 01250
	SHARAN (7M8, 7M9, 7M6) - 1.9 TDI 4motion	AUY / BVK	1896	2000.04 ~ 2010.03	VKMA 01142
	SHARAN (7M8, 7M9, 7M6) - 2.0	ADY	1984	1995.09 ~ 2010.03	VKMA 01002
	SHARAN (7M8, 7M9, 7M6) - 2.0 TDI	BRT / BVH	1968	2005.11 ~ 2010.03	VKMA 01250
	SHARAN (7N) - 2.0 TDI	CFFA	1968	2010.05 ~ 2010.11	VKMA 01269
	SHARAN (7N) - 2.0 TDI	CFFB	1968	2010.05 ~ 2010.11	VKMA 01269
	SHARAN (7N) - 2.0 TDI	CFGB	1968	2010.08 ~ 2010.11	VKMA 01269
	TARO - 2.4 D	2L	2446	1994.07 ~ 1997.03	VKMA 91124
	TARO - 2.4 D	2L	2446	1991.09 ~ 1994.07	VKMA 91124
	TARO - 2.4 D	2L	2446	1989.06 ~ 1997.03	VKMA 91124
	TARO - 2.4 D 4x4	2L	2446	1994.07 ~ 1997.03	VKMA 91124
	TARO - 2.4 D 4x4	2L	2446	1989.04 ~ 1997.03	VKMA 91124
	TIGUAN (5N_) - 2.0 TDI	CFFD	1968	2010.05 ~	VKMA 01263
	TIGUAN (5N_) - 2.0 TDI	CBAB / CFFB	1968	2008.03 ~	VKMA 01263
	TIGUAN (5N_) - 2.0 TDI 4motion	CBAA / CFFA	1968	2007.11 ~	VKMA 01263
	TIGUAN (5N_) - 2.0 TDI 4motion	CBAB / CFFB / CLJA	1968	2007.09 ~	VKMA 01263
	TIGUAN (5N_) - 2.0 TDI 4motion	CBBB / CFGB	1968	2007.09 ~	VKMA 01263
	TOUAREG (7LA, 7L6, 7L7) - 4.2 V8	AXQ	4172	2002.12 ~ 2006.11	VKMA 01927
	TOURAN (1T1, 1T2) - 1.9 TDI	BRU / BXF / BXJ	1896	2004.11 ~ 2010.05	VKMA 01250
TOURAN (1T1, 1T2) - 1.9 TDI	AVQ	1896	2003.02 ~ 2004.05	VKMA 01250	
TOURAN (1T1, 1T2) - 1.9 TDI	BKC / BLS / BXE	1896	2003.08 ~ 2010.05	VKMA 01250	
TOURAN (1T1, 1T2) - 2.0 FSI	BLR / BLX / BLY	1984	2003.10 ~ 2005.11	VKMA 01222	
TOURAN (1T1, 1T2) - 2.0 FSI	AXW	1984	2003.10 ~ 2005.11	VKMA 01220	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
06B 109 243	GT60650							06B 109 244	GT60510				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		1058458	GTB0270					028 109 244	GT60330				
		1058458	GTB0270					028 109 244	GT60330				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		045 109 243 B 045 109 243 D						045 109 244 A	GT60350				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		045 109 243 A 045 109 243 C						045 109 244 A	GT60350				
026 109 243	GT80070												
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03L 109 243 B 03L 109 243 F						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
		03L 109 243 B 03L 109 243 F						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
J13 505 540 21	GT80470							J13 503 540 30	GT80720				
J13 505 540 21	GT80470							J13 503 540 30	GT80720				
J13 505 540 21	GT80470							J13 503 540 30	GT80720				
J13 505 540 21	GT80470							J13 503 540 30	GT80720				
J13 505 540 21	GT80470							J13 503 540 30	GT80720				
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
		03L 109 243 E						045 109 244 A	GT60350	03G 109 244		038 109 244 J	GT40930
								077 109 244 C	GT60410				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		06D 109 243 B	GTB0210					06B 109 244	GT60510	06D.109.244E	GT50630		
		06D 109 243						06B 109 244	GT60510	06D 109 244 A/B	GT30570		

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
Vw	TOURAN (1T1, 1T2) - 2.0 TDI	BMM	1968	2005. 12 ~ 2010. 05	VKMA 01250
	TOURAN (1T1, 1T2) - 2.0 TDI (1T-6-185 466)	AZV	1968	2003. 02 ~ 2010. 05	VKMA 01255
	TOURAN (1T1, 1T2) - 2.0 TDI (1T-6-185 467)	AZV	1968	2003. 02 ~ 2010. 05	VKMA 01259
	TOURAN (1T1, 1T2) - 2.0 TDI 16V (1T-6-185 466)	BKD	1968	2003. 08 ~ 2010. 05	VKMA 01255
	TOURAN (1T1, 1T2) - 2.0 TDI 16V (1T-6-185 467)	BKD	1968	2003. 08 ~ 2010. 05	VKMA 01259
	TOURAN (1T3) - 1.6 TDI	CAYB / CAYC	1598	2010. 05 ~	VKMA 01269
	TRANSPORTER IV Box (70XA) - 2.0	AAC	1968	1990. 07 ~ 2003. 04	VKMA 01002
	TRANSPORTER IV Bus (70XB, 70XC, 7DB, 7DW) - 1.8	PD	1781	1990. 12 ~ 1992. 07	VKMA 01000
	TRANSPORTER IV Bus (70XB, 70XC, 7DB, 7DW) - 2.0	AAC	1968	1990. 09 ~ 2003. 04	VKMA 01002
	TRANSPORTER IV Bus (70XB, 70XC, 7DB, 7DW) - 2.5	AAF	2461	1990. 11 ~ 1993. 12	VKMA 01262
	TRANSPORTER IV Bus (70XB, 70XC, 7DB, 7DW) - 2.5	AAF	2461	1990. 11 ~ 1993. 12	VKMA 01008
	TRANSPORTER IV Bus (70XB, 70XC, 7DB, 7DW) - 2.5 (019 149)	ACU	2461	1994. 01 ~ 2003. 04	VKMA 01262
	TRANSPORTER IV Platform/Chassis (70XD) - 1.8	PD	1781	1990. 12 ~ 1992. 07	VKMA 01000
	TRANSPORTER IV Platform/Chassis (70XD) - 2.0	AAC	1968	1990. 07 ~ 2003. 04	VKMA 01002
	TRANSPORTER V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) - 1.9 TDI	BRR	1896	2006. 01 ~ 2009. 11	VKMA 01250
	TRANSPORTER V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) - 1.9 TDI	AXC	1896	2003. 04 ~ 2009. 11	VKMA 01250
	TRANSPORTER V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) - 1.9 TDI	BRS	1896	2006. 06 ~ 2009. 11	VKMA 01250
	TRANSPORTER V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) - 1.9 TDI	AXB	1896	2003. 04 ~ 2009. 11	VKMA 01250
	VENTO (1H2) - 1.6	AEK / AFT	1595	1994. 10 ~ 1998. 09	VKMA 01009
	VENTO (1H2) - 1.8	AAM	1781	1991. 11 ~ 1998. 09	VKMA 01009
	VENTO (1H2) - 1.8	ABS / ADZ	1781	1991. 11 ~ 1998. 09	VKMA 01000
	VENTO (1H2) - 1.9 SDI	AEY	1896	1997. 04 ~ 1998. 09	VKMA 01014
	VENTO (1H2) - 1.9 TDI	AHU / ALE	1896	1993. 09 ~ 1998. 09	VKMA 01014
	VENTO (1H2) - 1.9 TDI	AFN	1896	1996. 04 ~ 1998. 09	VKMA 01014
	VENTO (1H2) - 1.9 TDI (289 575)	1Z	1896	1993. 09 ~ 1998. 09	VKMA 01012
	VENTO (1H2) - 1.9 TDI (289 576)	1Z	1896	1993. 09 ~ 1998. 09	VKMA 01014
	VENTO (1H2) - 2.0	2E / ADY / AGG / AKR	1984	1991. 11 ~ 1998. 09	VKMA 01002
	VENTO (1H2) - 2.0 GL	AEP	1984	1996. 05 ~ 1997. 12	VKMA 01002
	PASSAT (3B2) - 1.6	ADP / AHL / ANA / ARM	1595	1996. 10 ~ 2000. 11	
	PASSAT (3B2) - 1.8	ADR / APT / ARG	1781	1996. 10 ~ 2000. 11	
	PASSAT (3B2) - 1.8	AFY	1781	1997. 01 ~ 2000. 11	
	PASSAT (3B2) - 1.8 T	AEB / ANB / APU	1781	1996. 10 ~ 2000. 11	
	PASSAT (3B2) - 1.8 T Syncro	AEB	1781	1996. 11 ~ 2000. 08	
	PASSAT (3B2) - 1.9 TDI	AHH / AHU	1896	1996. 10 ~ 2000. 11	
	PASSAT (3B2) - 2.0	ASU / AUZ	1984	2000. 04 ~ 2000. 11	
	PASSAT (3B2) - 2.0 4motion	ASU	1984	2000. 04 ~ 2000. 11	
	PASSAT (3B2) - 2.5 TDI	AFB / AKN	2496	1998. 07 ~ 2000. 11	



Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 B			
		03G 109 243						038 109 244 J	GT40930	03G 109 244 A			
		03L 109 243 B 03L 109 243 F						03L 109 244 E	GT50920	058 109 244	GT90860	038 109 244 J	GT40930
026 109 243	GT80070												
026 109 243 A	GT80070												
026 109 243	GT80070												
		023 109 243						069 109 243 B	GT60430				
058 109 243 E	GT60660							058 109 244	GT90860				
		023 109 243						069 109 243 B	GT60430				
026 109 243 A	GT80070												
026 109 243	GT80070												
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
		038 109 243 M	GTB0190					038 109 244 J	GT40930				
026 109 243 A	GT80070												
026 109 243 A	GT80070												
026 109 243 A	GT80070												
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
		028 109 243 028 109 243 B						028 109 244	GT60330				
		028 109 243 E/F	GTB0270					028 109 244	GT60330				
026 109 243	GT80070												
026 109 243	GT80070												
058.260.511	GT60150												
058.260.511	GT60150												
058.260.511	GT60150												
058.260.511	GT60150												
058.260.511	GT60150												
058.260.511	GT60150												
058.260.511	GT60150			028 145 278 J									
058.260.511	GT60150												
058.260.511	GT60150												
								059 903 341 J	GT70380				

## Application Guide by OE Manufacturers



Car Maker	Vehicle Model	Engine Type	CC	From ~ TO	Timing Kit Ref.
VW	PASSAT (3B2) - 2.5 TDI Syncro/4motion	AFB / AKN	2496	1998. 12 ~ 2000. 11	
	PASSAT (3B3) - 1.6	ALZ	1595	2000. 11 ~ 2005. 05	
	PASSAT (3B3) - 1.8	APT	1781	2003. 03 ~ 2005. 03	
	PASSAT (3B3) - 1.8 T	AWM	1781	2001. 02 ~ 2005. 05	
	PASSAT (3B3) - 1.8 T 20V	AWL / AWT	1781	2000. 11 ~ 2005. 05	
	PASSAT (3B3) - 2.5 TDI	AFB / AKN	2496	2000. 11 ~ 2005. 05	
	PASSAT (3B3) - 2.5 TDI 4motion	AFB / AKN	2496	2000. 11 ~ 2005. 05	
	PASSAT Variant (3B5) - 1.6	ADP / AHL / ANA / ARM	1595	1997. 06 ~ 2000. 11	
	PASSAT Variant (3B5) - 1.8	ADR / APT / ARG	1781	1997. 06 ~ 2000. 11	
	PASSAT Variant (3B5) - 1.8	AFY	1781	1997. 06 ~ 2000. 11	
	PASSAT Variant (3B5) - 1.8 T	AEB / ANB / APU	1781	1997. 06 ~ 2000. 11	
	PASSAT Variant (3B5) - 1.9 TDI	AHH / AHU	1896	1997. 06 ~ 2000. 11	
	PASSAT Variant (3B5) - 2.0	ASU / AUZ	1984	2000. 04 ~ 2000. 11	
	PASSAT Variant (3B5) - 2.0 4motion	ASU / AUZ	1984	2000. 04 ~ 2000. 11	
	PASSAT Variant (3B5) - 2.5 TDI	AFB / AKN	2496	1998. 07 ~ 2000. 11	
	PASSAT Variant (3B5) - 2.5 TDI Syncro/4motion	AFB / AKN	2496	1998. 12 ~ 2000. 11	
	PASSAT Variant (3B6) - 1.6	ALZ	1595	2000. 11 ~ 2005. 05	
	PASSAT Variant (3B6) - 1.8 4motion	AWM	1781	2001. 03 ~ 2005. 05	
	PASSAT Variant (3B6) - 1.8 T	AWM	1781	2002. 05 ~ 2005. 08	
	PASSAT Variant (3B6) - 1.8 T 20V	AWT	1781	2000. 11 ~ 2005. 05	
	PASSAT Variant (3B6) - 1.9 TDI	AVB	1896	2000. 11 ~ 2005. 05	
	PASSAT Variant (3B6) - 2.0	ALT	1984	2001. 11 ~ 2005. 05	
	PASSAT Variant (3B6) - 2.0	AZM	1984	2000. 11 ~ 2005. 05	
	PASSAT Variant (3B6) - 2.0 4motion	AZM	1984	2000. 11 ~ 2005. 05	
	PASSAT Variant (3B6) - 2.0 TDI	BGW	1968	2003. 12 ~ 2005. 05	
	PHAETON (3D_) - 3.0 V6 TDI 4motion	BMK	2967	2004. 09 ~	
	TOUAREG (7LA, 7L6, 7L7) - 3.0 V6 TDI	CASA / CASC	2967	2007. 11 ~ 2010. 05	
	CADDY II Pickup (9U7) - 1.9 D	AEF	1896	1996. 06 ~ 2000. 12	
	LUPO (6X1, 6E1) - 1.0	AHT	999	1998. 09 ~ 2005. 07	
	LUPO (6X1, 6E1) - 1.7 SDI	AKU	1716	1998. 09 ~ 2005. 07	
	POLO (6N1) - 1.7 SDI	AHG	1716	1997. 04 ~ 1999. 10	
	POLO (6N1) - 60 1.7 SDI	AKU	1716	1997. 08 ~ 1999. 10	
	POLO (6N1) - 64 1.9 D	AEF	1896	1994. 10 ~ 1999. 10	
POLO (6N1) - 64 1.9 SDI	AGD	1896	1996. 07 ~ 1999. 10		
POLO Box (6NF) - 1.7 SDI	AKU	1716	1997. 08 ~ 1999. 12		
POLO Box (6NF) - 1.9 D	AEF	1896	1994. 10 ~ 1999. 12		





Tensioner 1		Tensioner 2		Tensioner 3		Tensioner 4		Idler 1		Idler 2		Idler 3	
OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.	OEM No.	GMB No.
								059 903 341J	GT70380				
058.260.511	GT60150												
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150			058903133C	GTA0350								
								059 903 341J	GT70380				
								059 903 341J	GT70380				
058.260.511	GT60150												
058.260.511	GT60150												
058.260.511	GT60150												
058.260.511	GT60150			028 145 278 J									
058.260.511	GT60150												
058.260.511	GT60150												
								059 903 341J	GT70380				
								059 903 341J	GT70380				
058.260.511	GT60150												
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150												
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150			058903133C	GTA0350								
058.260.511	GT60150												
								059 903 341J	GT70380				
								059 903 341J	GT70380				
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												
028 145 278 M	GTA0190												

**GMB**



CROSS REFERENCE (OE → GMB)

**GMB**

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
ALFA ROMEO	60652129	GTA0180	ATB2211
	55190053	GTA0270	APV1002
	55195531	GTA0970	
	60813590	GT60550	ATB2020
	60812645	GT60680	APV1032
	077 109 244 C	GT60410	ATB2397
AUDI	078 109 244 H	GT90850	ATB2196
	038 109 244 J	GT40930	ATB2238
	038 109 244 E	GT60340	ATB2299
	028 109 244	GT60330	ATB2198
	058 109 244	GT90860	ATB2232
	078 109 243 R	GT90750	ATB2297
	026 109 243 A	GT80070	ATB2178
	068 109 243 B	GT80280	ATB2179
	077 109 244 E	GT60400	ATB2400
	059 903 341 J	GT70380	APV2134
	038 109 244 H	GT60420	ATB2295
	03L 109 244 E	GT50920	ATB2570
	06D 109 244 E	GT50630	ATB2530
	045 109 244 A	GT60350	ATB2218
	036 109 181 A	GT30550	ATB2292
	06B 109 243	GT60650	ATB2313
	069 109 243 B	GT60430	ATB2180
	077 109 485 C	GT60395	ATB2373
	077 109 485 E	GT60390	ATB2432
	058 109 243 E	GT60660	ATB2143
	058 109 243 B	GT60440	ATB2086
	06D 109 244 A/B	GT30570	ATB2251
	038 903 315 AE	GTA0040	APV2315
	036 109 244 C	GTA0130	ATB2195
	059 903 341 A	GTA0150	APV2134
	058903133C	GTA0350	APV2242
	030 145 299 C	GTA0410	APV2306
	036 109 243 AB	GTB0130	ATB2194
	036 109 243 AC	GTB0140	ATB2277
	06A 109 479 A	GTB0150	ATB2088
	038 109 243 M	GTB0190	ATB2253
	06D 109 243 B	GTB0210	ATB2330
06D 109 243 B	GTB0210	ATB2330	

GATES	INA	RUVILLE	SKF
T42060	532 0120 10	55851	VKM 22177
T38473	534 0106 20	55866	VKM 32082
T36394	532 0516 10		VKM 32104
T42059	532 0121 20	55898	VKM 22174
T36208	532 0229 10	55860	VKM 32242
T41230	532 0236 10	55704	VKM 21203
T41227	532 0159 10	55453	VKM 21202
T41229	532 0349 10	55735	VKM 21147
T42051	532 0165 10	55457	VKM 21131
T42045	532 0122 10	55415	VKM 21012
T42044	532 0161 10	55441	VKM 21004
T41082	531 0477 20	55490	VKM 11202
	531 0063 10	55400	VKM 11000
	531 0079 10		
T41228	532 0329 10	55705	
T38099	532 0160 10	55700	VKM 31041
T42050	532 0111 10	55433	VKM 21130
T42305	532 0582 10	56350	VKM 21269
T42148	532 0310 10	55773	VKM 21223
T42139	532 0197 10	55465	VKM 21142
T42234	532 0185 10	55458	VKM 21121
T43017	531 0399 20	55765	VKM 11115
T41174	532 0051 10	55401	VKM 21031
T41097	531 0502 20	55727	VKM 11207
T41098	531 0502 20	55727	VKM 11207
T43065	531 0499 20	55440	VKM 11008
T42149	532 0350 10	55748	
T38307	534 0132 30	55716	VKM 31019
T42048	532 0167 10	55455	VKM 21120
T38099	532 0160 10	55700	VKM 31041
T38151	533 0077 30	55713	VKM 31033
T38214	534 0123 20	55475	VKM 31015
T43149	531 0317 10	55456	VKM70000
T43140	531 0339 10	55461	VKM15121
T43010	531 0203 20	55443	VKM15216
T43091	531 0565 30	55739	VKM15402
T43142	531 0777 10	55772	VKM15202
T43142	531 0777 10	55772	VKM15202

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
AUDI	028 109 243 E/F	GTB0270	ATB2202
	038 109 243 D	GTB0300	ATB2252
	06B 109 244	GT60510	ATB2268
	1J0 145 276	GTA0330	APV2523
	022 145 299 D	GTA0210	APV2067
BMC	9P918230	GTA0220	
BMW	11 31 1 711 153	GT90870	ATB2270
CHEVROLET	48 05 183	GTA0930	
CHRYSLER	4315705	GT80830	
	04663515B	GT90880	
	4273241	GT90710	ATB2596
	05083726AB	GT90530	
	4663515	GT90010	
	5203469	GT80820	
	04663515AC	GT60600	
	477393	GT60260	
	53010161	GTA0250	
CIRTOEN	0818.19	GT60320	ATB 2024
	6453.76	GT80460	APV2005
	0829.19	GT80260	ATB2027
	96004619	GT80240	APV2004
	0829.22	GT80300	ATB2023
	5751.97	GTA0360	APV2547
	4007.E4	GT60120	APV2021
	0830.28	GT60080	ATB2041
	0830.02	GT60140	ATB2048
	0829.59	GT60070	ATB2508
	0829.11	GT60130	ATB2047
	5751.86	GTA0020	APV1076
	9642929880	GTB0110	ATB1016
DAEWOO	96350526	GT80750	ATB2193
	94580139	GT30010	ATB2267
	9128738	GT90540	ATB 2207
	5094008601	GTB0010	ATB2220
DAIHATSU	13505-87206-000	GT60240	
	13505-87201	GT80130	ATB2391
	13505-87102	GT80410	ATB2428
	13505-87203	GT80180	ATB2371
	13505-87702	GT40010	ATB2387

GATES	INA	RUVILLE	SKF
T43069	531 0251 30	55426	VKM75636
T43062	531 0440 30	55491	VKM75628
T42019	532 0714 10	56383	VKM 21220
T38054	532 0346 10	55779	VKM 31044
T38377	531 0536 10	55764	VKM 31231
T41083	531 0001 10	55000	VKM 18100
T36388	532 0578 10	55384	VKM 60004
			VKM 18404
T42121			
T41002	532 0227 10	58601	
T43082	531 0041 10	56623	VKM 13250
T36064	531 0038 10	56606	VKM 33010
T41129	531 0030 10	56600	VKM 13100
	531 0037 10	56601	
T41136	531 0036 10	56618	VKM 13220
T39055	534 0179 10	55989	VKM 33101
T36023	531 0226 10	55909	VKM 33015
T42070	532 0196 10	55922	VKM 23246
T42068	532 0316 10	56610	VKM 23240
T41139	531 0780 10	55997	VKM 13244
T41137	531 0034 10	56609	VKM 13240
T38331	534 0075 20	55963	VKM 33043
T43023	531 0572 10	55958	VKM16102
T42170	532 0194 20	59001	VKM 80000
T41267	531 0112 20	59003	VKM 76102
T42084	532 0039 10	55314	VKM 25212
T43039	531 0213 30	59002	VKM13253
	531 0157 20	57901	VKM 77501
T41004	531 0151 20	57908	VKM 77500
	531 0158 20	57902	VKM 77401
	531 0153 20	57903	VKM 77300

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
DAIHATSU	13505-87205	GT80160	
	13505-97201	GT60360	ATB2509
FIAT	46424716	GT70740	APV1032
	46756937	GT70480	APV1068
	46.548.452	GT70780	APV1079
	46441096	GT70820	APV2061
	7541718	GT70440	ATB2056
	5972277	GT80290	ATB2240
	5997325	GT70450	ATB2184
	5956109	GT70430	ATB2053
	4644604	GT70700	
	50006132	GT70470	
	7726935	GT70460	
	4427069	GT70420	
	46736886	GT70390	
	9636782780	GTA0010	APV1030
	46546374	GTA0030	APV1077
	46537101	GTA0290	APV2214
	46454419	GTA0380	APV2192
	504000412	GTA0890	APV1074
	504000410	GTA0900	APV1075
	46400054	GT60540	ATB 2019
4740847	GT60530	ATB2017	
FORD	99432547	GT60520	ATB2016
	1005823	GT80230	ATB2159
	6089286	GT80500	ATB2150
	1005516	GT60940	ATB2154
	1005822	GT80210	ATB2281
	6497120	GT80220	ATB2153
	F7CZ-6K254A	GT90570	
	F8CZ-6M250-AA	GT90400	
	XS4Z-6M250-BA	GT90390	ATB2293
	F5RZ-6M250-A	GT90360	ATB2278
	F5RZ-6M250-B	GT90350	
	F5RZ-6K-254A	GT90000	
	D4FZ-6K-254A	GT80490	
	BF5T-6B-209	GT70940	
2N1U-10K018-BA	GT70810		
XS6E-19A2-16CC	GT70790		



GATES	INA	RUVILLE	SKF
	531 0222 20		
T41245	531 0824 10	57911	VKM 77503
T36208	532 0229 10	55860	VKM 32242
T36082	532 0297 10	55889	VKM 32031
T38368	534 0069 10	56011	VKM 32023
T36058	531 0392 10	55862	VKM 32015
T41122	531 0014 20	55811	VKM 12227
T41121	531 0005 10	55801	VKM 12200
T41116	531 0006 10	55804	VKM 12101
T41113	531 0011 20	55807	VKM 12005
	532 0207 10		
	531 0348 10		
	532 0202 10		
	531 0816 10	56018	
T38236	534 0111 20	55942	VKM 33032
T38364	534 0101 20	55872	VKM 32027
T36249	531 0760 10	57205	VKM 32243
T36006	532 0370 20	55847	VKM 32006
T36396	532 0298 10	55884	VKM 32301
T39138	533 0061 20	55880	
T42061	532 0209 10	55833	VKM 22242
T41234	531 0557 10	55822	VKM 22380
T41178	532 0239 20	55826	VKM 22385
T42000	532 0018 10	55205	VKM 24100
T41260	531 0019 10	55200	VKM 14200
T41145	531 0225 10	55217	VKM 14105
T41144	531 0029 20	55214	VKM 14103
T41143	531 0023 10	55204	VKM 14100
	532 0151 10		
	532 0152 10	55230	
T42036	532 0016 10		
	532 0093 10		
T41008	531 0021 10		

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
FORD	BF5T6B209	GT70720	
	E9DZ6-K25-4A	GT60380	
	YS4Z-6M250-BA	GT60280	
	6200285	GTA0110	APV1007
	1117009	GTA0200	APV2709
	6789631	GTA0260	
	1004961	GTA0400	APV2069
	1079173	GTB0280	ATB1001
	1000159	GTB0290	ATB2165
FORD MAZDA	1095025 YF09-12-730	GTA0300	ATB2280
GEO	8-94372202-0	GT90520	
GM	24503561	GT90420	
	24503859	GT90410	
	FOCZ-6K-254A	GT80960	
	93336184	GT70800	
	93302612	GT70760	
	93397256	GT70750	
	70810058	GT70490	
	08966821	GT70410	
	24412292	GTA0090	APV2303
	90409783	GTA0390	APV1021
	96440326	GTC0020	ATB2606
	14550-P8A-A01	GT90370	ATB2473
	14510-P8A-A01	GT90380	ATB2464
HONDA	14510-P30-003	GT80580	ATB2002
	14510-PC6-013	GT80170	ATB2466
	14510-PE0-003	GT80590	ATB2087
	13404-P13-003	GT90030	ATB2465
	14510-P13-003	GT90120	ATB2470
	14510-P08-003	GT90040	ATB2054
	14510-PY3-003	GT80860	ATB2460
	14510-PH7-003	GT80550	ATB2463
	14510-PM7-003	GT80100	ATB2084
	38942-PHM-004	GT50680	
	13450-P5A-003	GT90790	
	14510-P5A-003	GT90780	ATB2467
	14510-PR7-A01	GT90770	ATB2515
	14510-RCA-A01	GT90760	ATB2563
	14550-RCA-A01	GT90730	ATB2560

GATES	INA	RUVILLE	SKF
T36211	532 0254 10	55232	VKM 34061
T36125	532 0471 10	55258	VKM 34031
			VKM 34040
T38056	531 0540 10	55243	VKM 34005
T43116	531 0497 10	55239	VKM13256
T43115	531 0345 10	55227	VKM11120
	532 0477 10	55291	VKM 34701
T41233	532 0187 10	55228	
	531 0324 10		
	531 0344 10		
T38154	534 0118 20	55320	VKM 35009
T38343	534 0134 30	56404	VKM 35500
T42304	532 0547 10	55371	VKM 25701
	532 0019 20	57420	VKM 83003
	531 0647 20	57419	VKM 73605
T41016	531 0140 20	57400	VKM 73201
	531 0673 20	57414	VKM 73200
T41017	531 0135 20	57404	VKM 73101
	531 0145 20	57417	VKM 73007
	531 0144 20	57418	VKM 73006
T41023	531 0314 20	57403	VKM 73005
	531 0109 20	57415	VKM 73004
T41015	531 0141 20	56114	VKM 73001
T41011	531 0268 20	57401	VKM 73000
T36424	531 083010	57440	VKM 63002
	531 0648 20	57422	
	531 0648 20	57422	

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
HONDA	14550-RCA-A01	GT90730	ATB2560
	14510-PFB-003	GT90270	
	14510-PV0-003	GT80850	
	13510-PK1-014	GT80650	
	14510-PG6-013	GT80610	ATB2459
	14510-PT0-003	GT80440	ATB2089
	13404-PT0-003	GT80390	ATB2237
	14510-P0G-A01	GT60610	
	38950-P2K-305	GT60020	
	14520-PFB-003	GT90300	
	31190-RL2-G01	GTA0860	
	14510-RGA-003	GT30590	
	HYUNDAI	24810-23500	GT10161
24810-23011		GT10160	ATB2436
24450-37100		GT10101	ATB2440
24810-27250		GT10520	ATB2561
24810-26010		GT10170	ATB 2437
24810-35530		GT10110	ATB2336
24810-33021		GT10050	ATB2011
24840-3E500		GT70370	
24450-38010		GT10061	
24810-37100		GT10111	ATB2352
24410-23011		GT10150	ATB 2458
24410-27250(P)		GT10510	ATB2604
24410-02510		GT10240	ATB2366
23357-38001		GT10072	ATB2102
23357-42030		GT10130	ATB2099
24317-42020		GT10140	ATB2114
24450-33010		GT10060	ATB2010
24410-32560		GT10032	ATB2393
24410-21010		GT10010	ATB2100
23357-33120		GT10070	ATB2261
24410-32020		GT10031	ATB2113
23357-32000		GT10040	ATB2119
24410-26000		GT10022	ATB2438
24410-35010		GT60770	ATB2125
24410-35060		GT10080	ATB2125
24450-35530		GT10100	ATB2345
57212-38100		GT10361	

GATES	INA	RUVILLE	SKF
	531 0134 20	57421	VKM 73003
	531 0131 20	57406	VKM 73600
T41013	531 0132 20	57407	VKM 73011
T39183			VKM 63001
T38016		57432	
			VKM 73603
T42015	532 0307 10	58401	VKM 85153
T42015	532 0307 10	58401	VKM 85153
T41040	532 0382 20	58405	VKM 85148
T42141	532 0540 10	58409	VKM 85146
T42016		58404	VKM 85145
T42018	532 0148 20	57326	VKM 85002
T42017	532 0074 20	58400	VKM 85000
T41309			VKM 75685
T41087	531 0651 20	58406	VKM 75633
T42014	531 0652 20	58407	VKM 75630
T41041	531 0528 10	58402	VKM 75629
T43133	531 0843 10	58408	VKM 75628
T41241	531 0653 20	58410	VKM 75621
T41038	531 0382 20	57327	VKM 75613
T42130	531 0231 20	57314	VKM 75612
T42129	531 0232 20	57313	VKM 75601
T41046	531 0120 20	57303	VKM 75144
T41044	531 0236 20	57322	VKM 75130
T41042	531 0119 20	57300	VKM 75100
T41047	531 0121 20	57309	VKM 75044
T41043	531 0124 20	57310	VKM 75033
T41053	531 0123 20	57307	VKM 75008
T41037	531 0118 20	58403	VKM 75006
T41048	531 0125 20	57317	VKM 75004
T41048	531 0125 20	57317	VKM 75004
T41039	531 0051 20	57320	VKM 75000
			VKM 65034

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
HYUNDAI	25286-4A000	GT10390	APV2668
	25281-39010	GT10321	
	25285-3B000	GT10300	
	25286-3B001	GT10290	
	57255-37510	GT10190	
	57250-37320	GT10180	
	25281-35530	GT10120	
	25281-35020	GT10090	APV2198
	25281-27000	GTA0060	
	25287-2A000	GTA0070	
	25281-27000	GTA0320	
	25286-4X000	GTA0870	APV2175
	97834-22100	GTA0880	
	25287-27001	GTA0910	APV3009
	25287-2A100	GTC0010	
	24410-23050	GTB0060	ATB2599
	24410-27250	GTB0070	ATB2604
ISUZU	8-97146-877-0	GT90560	ATB2493
	8-94382-215-0	GT90170	ATB 2263
	8-97136-256-0	GT90115	ATB2452
	8-94382-214-0	GT90150	ATB2262
	8-94215-197-1	GT80250	ATB2392
	8-94472-349-0	GT80620	ATB2455
	8-94100-223-1	GT90430	
	8-94364-816-0	GT90110	ATB2372
	8-94362-435-0	GT90070	
	8-94386-488-1	GT90060	ATB2482
	8-94423-331-1	GT80840	
KHODRO	MB366.15.940	GT90960	
KIA	OK88R-12750	GT40940	ATB2538
	24317-4X-001	GT40980	ATB2421
	OK551-12-730A	GT40960	ATB2421
	OK88R-12-740	GT40970	ATB2539
	OK551 12 740	GT20110	ATB2539
	OK9BV 12 730	GT20070	ATB2513
	OK937-12-730	GT20060	ATB2097
	OK95K 12 750	GT90720	ATB2442
	OK9BV 12 780	GT20150	ATB2439
	OK9BV 12 790	GT20160	ATB2349

GATES	INA	RUVILLE	SKF
T36253	532 0568 10	58429	VKM 64012
T39245	532 0381 20	57337	
T38454	534 0306 10	58414	VKM 65027
T36473	532 0642 10		
T38454	534 0306 10	58414	VKM 65027
T36389	532 0323 10	57031	VKM 64014
T36086	531 0832 10	58431	VKM 65011
T36206	532 0606 10	58415	VKM 65019
T36473	532 0642 10		
T43135	531 0532 10	58428	VKM11124
T43133	531 0843 10	58408	VKM11113
	532 0365 20	55341	VKM 89006
	532 0076 20		VKM 89003
	531 0660 20	55335	VKM 79006
	531 0150 20	59503	VKM 79002
	531 0147 20	59504	VKM 79001
	531 0143 20	59507	VKM 79000
	531 0534 20		
	532 0396 20	55346	
	532 0248 10	57029	VKM 84506
	532 0451 10	57027	VKM 84504
	532 0451 10	57027	VKM 84504
	532 0318 10	57028	VKM 84503
	532 0318 10	57028	VKM 84503
	532 0448 10	57049	VKM 84502
T42005	532 0068 20	57003	VKM 84201
T41224	531 0746 10	57050	VKM 74506
	531 0716 10	57051	VKM 74504
	531 0719 10	57052	VKM 74503

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
KIA	OK937-12-700A	GT20050	ATB2123
	24410-2X000	GT20040	ATB2130
	24410-2Y000	GT20140	
	OK054 12 700	GT20130	ATB2341
	OK016 12 700A	GT20120	ATB2434
	OK88R-12-740	GTA0850	ATB2539
LADA	2105-1006124	GT50930	ATB2063
LEXUS	13505-20010	GT80680	ATB2265
	13505-50011	GT90090	
MAZDA	RF71-12-730A	GT60180	ATB2132
	RF5C-12-730	GT70970	ATB2424
	Z501-12-730	GT80980	ATB2012
	RF2A-12-730	GT50910	ATB2361
	FE3N-12-730	GT20030	ATB2396
	FE1H-12-730A	GT20020	ATB2124
	JE15-12-730A	GT80530	ATB2475
	KL01-12-740	GT80510	ATB2443
	KL01-12-730	GT80520	ATB2478
	FS01-12-730A	GT80040	ATB2138
	RF5C-12-700	GT70960	ATB2368
	WL01-12-700	GT60160	ATB2431
	WL81-12-700	GT70950	ATB2573
	RF2A-12-700	GT40920	ATB2335
	FE1H-12-700A	GT20010	ATB2112
	JE15-12-750	GT90100	ATB2441
	JE15-12-750	GT80660	ATB2441
	R201-12-700A	GT80450	ATB2434
	F805-12-700A	GT80970	ATB2110
	B366-15-940	GT90980	
	RF01-12-700A	GT90630	ATB2365
	KJ01-12-740	GT90510	ATB2443
	KJ01-12-750	GT90500	ATB2608
	JE48-12-740	GT80880	
	JE48-12-730	GT80870	
	KL02-12-750	GT80670	ATB2453
	LF1-15-940	GT50690	
	JE26-12-740A	GT20100	
	JE26-12-730A	GT20090	
	Y701-12-700A	GT90200	ATB2072



GATES	INA	RUVILLE	SKF
T41031	531 0106 20	57002	VKM 74201
T41030	531 0104 20	57020	VKM 74200
	531 0669 20	57036	
T41266	531 0117 20	57017	
	532 0318 10	57028	VKM 84503
T41242	531 0102 20	57201	VKM 18200
T41263	531 0177 20	56921	VKM 71004
T42172	532 0103 20	57011	VKM 84310
T42210	532 0386 20	57047	VKM 84608
T42116	532 0387 20	57044	VKM 84604
T42202	532 0352 20	57035	VKM 84603
T42004	532 0070 20	57014	VKM 84601
T42003	531 0069 20	57015	VKM 84600
	532 0104 20	57016	VKM 84007
T42009	532 0102 20	57009	VKM 84002
T42010	532 0101 20	57008	VKM 84001
T42008	532 0100 20	57007	VKM 84000
T41290	531 0784 10	57064	VKM 74607
T41313	531 0667 20	57022	VKM 74606
T41296	531 0835 10	57105	VKM 74604
T41295	531 0598 20	57034	VKM 74602
T41029	531 0108 20	57013	VKM 74600
	531 0666 20	57021	VKM 74007
	531 0666 20	57021	VKM 74007
T41266	531 0117 20	57017	VKM 74004
T41035	531 0114 10	57024	VKM 74001
			VKM 64000
	531 0674 20	57037	
	532 0105 20	57042	
	532 0106 20	57041	
T41034	531 0597 20	57010	VKM 74000
	532 0072 20	57040	VKM 84005
	532 0073 20	57039	VKM 84006
T41257	531 0166 20	55316	

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
MAZDA	L510-15-930A	GTA0960	
MERCEDES-BENZ	166 202 06 19	GTA0080	APV2085
	640 202 04 19	GTA0160	APV2207
	668 202 05 19	GTA0170	APV2205
	112 200 01 70	GTA0230	APV2300
MITSUBISHI	MN176844	GT70930	ATB2597
	MN137248	GT60480	ATB2598
	MD179597	GT60170	ATB 2469
	MD012587	GT90220	ATB2427
	1145A020	GT40950	ATB2550
	MD356509	GT60030	ATB2433
	MD325568	GT70840	
	MD320174	GT90550	ATB2356
	MD329976	GT80990	ATB 2347
	MD129355	GT60470	ATB2010
	MD009650	GT80950	ATB2118
	MD040754	GT80480	ATB2119
	MD109958	GT80900	ATB2095
	MD008965	GT80890	ATB2117
	MD182537	GT80800	ATB2339
	MD 169592	GT70320	ATB2358
	MD315265	GT80400	ATB2003
	MD146186	GT80090	ATB2133
	MD362028	GT60060	
	MD374877	GT60040	APV2823
	MD352473	GT90700	ATB2102
	MD354223	GT90690	
	MD347432	GT90680	
	MD351829	GT90650	
	MD350488	GT90640	
	MD134281	GT90330	
	MD195998	GT90320	
	MD120266	GT80200	
	MD114691	GT80060	
	MD310150	GT60460	
	MD309783	GT60450	
	MD195999	GT60250	
MD313329	GT60200		
MD148876	GT60190		

GATES	INA	RUVILLE	SKF
T36183	531 0677 30	55149	VKM 38123
T36257	532 0406 30	55152	VKM 38131
T36252	532 0404 30	55148	VKM 38130
T38174	534 0114 20	55143	VKM 38026
T42226	532 0599 10	57345	VKM 85156
	532 0674 10	57357	VKM 85152
T42155	532 0055 20	57324	VKM 85141
T42154	532 0130 20	57305	VKM 85140
T41316	531 0834 10	57343	VKM 75676
T41244	531 0672 20	57329	VKM 75625
			VKM 75624
T41212	531 0347 20	57312	VKM 75616
T41211	531 0341 20	57328	VKM 75615
T41046	531 0120 20	57303	VKM 75144
	531 0229 20	57311	VKM 75119
T41053	531 0123 20	57307	VKM 75113
T41056	531 0234 20	57302	VKM 75108
	531 0228 20	57306	VKM 75101
T41054	531 0193 20	57315	VKM 75064
T41271	531 0196 20	57319	VKM 75009
T41052	531 0195 20	57321	VKM 75002
T41051	531 0194 20	57301	VKM 75001
			VKM 65062
T36415			VKM 65010
T41038	531 0382 20	57327	VKM 75613

PART 3 Cross Reference (OE → GMB)

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
MITSUBISHI	MN137247	GT60050	
	1341A005	GTA0920	
	BW940162	GTA0980	
	BW940138	GTA0990	
NISSAN	13070-01M00	GT80110	ATB2109
	13077-54A02	GT60780	ATB2355
	13077-V7200	GT90160	ATB2136
	13074-05E00	GT80740	ATB2096
	13077-54A00	GT80810	ATB2067
	13077-D4200	GT90910	ATB2081
	13070-V7201	GT80790	ATB2135
	13070-01B00	GT80780	ATB2082
	13070-05E00	GT80770	ATB2094
	13070-57J00	GT80760	ATB2066
	13070-16A10	GT60790	ATB2346
	13070-16A00	GT90190	ATB2370
	13070-D0100	GT90890	ATB2080
	13070-D4200	GT90900	ATB2079
	13070-42L00	GT80340	ATB2479
	11925-AX00A	GT40910	
	13070-5L300	GT90600	ATB2479
	13077-F6512	GT80930	ATB2491
	13077-F6510	GT80920	ATB2486
	13077-F6511	GT80910	ATB2496
	11955-BN703	GTA0370	APV2323
	82 00 102 941	GTB0100	ATB1015
	13 07 015 64R	GTB0320	ATB2219
OPEL	90409238	GT70710	APV2122
	45 06 092	GT30520	ATB2128
	91 28 739	GT30530	ATB2192
	44 01 609	GT60100	ATB2050
	6 36 735	GT90310	ATB2071
	56 36 454	GT30540	ATB2191
	56 36 423	GT60590	ATB2199
	90411773	GT60580	ATB2291
	55350422	GTA0240	APV2500
	90353176	GTB0020	ATB2201
	5636732	GTB0030	ATB2294
	5636429	GTB0040	ATB2216

GATES	INA	RUVILLE	SKF
	531 0860 10	57356	VKM 75675
T36323	532 0560 10	56654	VKM 65054
T41058	531 0208 20	56803	VKM 72000
T42136	532 0179 20	56815	VKM 82502
T42107	532 0115 20	56820	VKM 82500
T42106	532 0113 20	56808	VKM 82320
T42105	532 0110 20	56809	VKM 82302
T42104	532 0112 20	56818	VKM 82101
T41191	531 0219 20	56821	VKM 72500
T41190	531 0220 20	56800	VKM 72400
T41189	531 0212 20	56807	VKM 72320
T41254	531 0138 20	56810	VKM 72310
T41253	531 0201 20	56812	VKM 72303
			VKM 72300
T41088	531 0209 20	56802	VKM 72200
T41187	531 0211 20	56817	VKM 72100
	531 0214 20	56816	VKM 72004
			VKM 62012
	532 0117 20	56823	VKM 82000
	532 0118 20	56819	VKM 82501
	531 0638 20	56822	VKM 82001
T39009	534 0141 30	55592	VKM 36050
T43014	531 0547 10	55581	VKM16020
T43126	531 0404 10	55572	VKM16021
T36038	532 0109 10	55318	VKM 35002
T42169	532 0313 20	55575	VKM 26503
T42077	532 0033 10	55312	VKM 25152
	531 0061 10	55502	VKM 16101
T41261	531 0242 20	55308	VKM 15213
T42122	532 0478 10	55373	VKM 25156
T42165	532 0087 10	55323	VKM 25224
T42085	532 0040 10	55311	VKM 25213
T38433	534 0147 10	55357	VKM 35260
T43038	531 0101 30	55302	VKM11250
T43060	531 0518 30	55327	VKM13140
T43053	531 0273 30	55315	VKM11222

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
OPEL	90411774	GTB0050	ATB2204
	56 36 416	GT60560	ATB2192
	56 36 415	GT60570	ATB2190
	6 36 742	GT90230	ATB2070
PEUGEOT	0829.12	GT50610	ATB2243
	0829.3	GT50520	ATB2032
	0830.13	GT50590	ATB2039
	6453.S4/S5	GT60950	APV2025
	5751.38	GT50560	APV2012
	0818.32	GT50510	ATB2038
	0818.17	GT50530	ATB2275
	0830.25	GT30560	ATB2445
	0829.33	GT50570	ATB2042
	0830.48	GT30500	ATB2029
	C9IP1100	GT60500	
	5751.2	GTA0100	APV1011
	5751.89	GTA0140	APV2528
	0829.A0	GTB0120	ATB2206
	082988	GTB0200	ATB2236
	0829.77	GTB0220	ATB1014
	0829.A5	GTB0230	ATB2328
	0829.82	GTB0240	ATB2037
	0829.69	GTB0310	ATB2149
	0829.A4	GTB0340	ATB2303
PROTON	PW811497	GT60370	
RENAULT	7700-10293	GT70770	APV2159
	77001-16054	GT50620	ATB2226
	77001-07249	GT50540	ATB2075
	77007-33489	GT60490	ATB2022
	77007-35486	GT60110	ATB2049
	77001-07150	GT30510	ATB2077
	77007-22452	GT80270	ATB2043
	77008-52114	GT50580	ATB2043
	77007-36085	GT90180	ATB2091
	77002-73277	GT60090	ATB2046
	77 00 108 626	GTA0280	ATB2285
	7700870495	GTA0340	APV2496
	77 00 108 117	GTB0160	ATB2246
	82 00 191 324	GTB0180	ATB2314

GATES	INA	RUVILLE	SKF
T43040	530 0054 30	55306	VKM13234
T42077	532 0033 10	55312	VKM 25158
T42076	532 0034 10	55313	VKM 25150
T41151	531 0052 20	55307	VKM 15210
T41132	531 0032 10	56604	VKM 13200
T41130	531 0031 10	56602	VKM 13120
T42069	532 0022 10	56625	VKM 23241
	531 0241 10	55920	VKM 33012
T36059	531 0097 10	55904	VKM 33002
	531 0047 10	55901	VKM 13202
T41128	531 0044 10	56613	VKM 13050
T42185	532 0141 20	56645	VKM 23901
T41138	531 0048 10	56622	VKM 13241
T42162	532 0321 10	55954	VKM 23140
T36033	532 0138 10	55911	VKM 33034
T38371	534 0180 10	55987	VKM 33061
T43159	531 0632 10	56638	VKM13258
T43158	531 0555 10	55953	VKM13132
T43022	531 0546 10	55949	VKM16550
T43088	531 0757 10	55974	VKM11121
T43157	531 0478 10	55943	VKM11014
T43050	531 0529 10	55938	VKM14108
T43089	531 0756 10	55973	VKM14211
T36176	532 0243 10	55571	VKM 36031
T42091	532 0322 10	55573	VKM 26128
T41236	532 0220 10	55561	VKM 26125
T42089	532 0238 10	55511	VKM 26102
T42088	532 0237 10	55503	VKM 26101
T41237	532 0221 10	55565	VKM 26020
T41163	531 0069 10	55515	VKM 16212
T41163	531 0250 10	55515	VKM 16212
T41154	531 0055 10	55500	VKM 16000
T41155	531 0818 10	55622	
T42167	532 0308 10	55540	VKM 26310
T39063	534 0163 10	55601	VKM 36082
T43064	531 0409 30	55566	VKM11130
T43168	531 0710 10	55519	VKM13214

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
OPEL	90411774	GTB0050	ATB2204
	56 36 416	GT60560	ATB2192
	56 36 415	GT60570	ATB2190
	6 36 742	GT90230	ATB2070
PEUGEOT	0829.12	GT50610	ATB2243
	0829.3	GT50520	ATB2032
	0830.13	GT50590	ATB2039
	6453.S4/S5	GT60950	APV2025
	5751.38	GT50560	APV2012
	0818.32	GT50510	ATB2038
	0818.17	GT50530	ATB2275
	0830.25	GT30560	ATB2445
	0829.33	GT50570	ATB2042
	0830.48	GT30500	ATB2029
	C9IP1100	GT60500	
	5751.2	GTA0100	APV1011
	5751.89	GTA0140	APV2528
	0829.A0	GTB0120	ATB2206
	082988	GTB0200	ATB2236
	0829.77	GTB0220	ATB1014
	0829.A5	GTB0230	ATB2328
	0829.82	GTB0240	ATB2037
	0829.69	GTB0310	ATB2149
	0829.A4	GTB0340	ATB2303
PW811497	GT60370		
PROTON	7700-10293	GT70770	APV2159
RENAULT	77001-16054	GT50620	ATB2226
	77001-07249	GT50540	ATB2075
	77007-33489	GT60490	ATB2022
	77007-35486	GT60110	ATB2049
	77001-07150	GT30510	ATB2077
	77007-22452	GT80270	ATB2043
	77008-52114	GT50580	ATB2043
	77007-36085	GT90180	ATB2091
	77002-73277	GT60090	ATB2046
	77 00 108 626	GTA0280	ATB2285
	7700870495	GTA0340	APV2496
	77 00 108 117	GTB0160	ATB2246
	82 00 191 324	GTB0180	ATB2314



GATES	INA	RUVILLE	SKF
T43040	530 0054 30	55306	VKM13234
T42077	532 0033 10	55312	VKM 25158
T42076	532 0034 10	55313	VKM 25150
T41151	531 0052 20	55307	VKM 15210
T41132	531 0032 10	56604	VKM 13200
T41130	531 0031 10	56602	VKM 13120
T42069	532 0022 10	56625	VKM 23241
	531 0241 10	55920	VKM 33012
T36059	531 0097 10	55904	VKM 33002
	531 0047 10	55901	VKM 13202
T41128	531 0044 10	56613	VKM 13050
T42185	532 0141 20	56645	VKM 23901
T41138	531 0048 10	56622	VKM 13241
T42162	532 0321 10	55954	VKM 23140
T36033	532 0138 10	55911	VKM 33034
T38371	534 0180 10	55987	VKM 33061
T43159	531 0632 10	56638	VKM13258
T43158	531 0555 10	55953	VKM13132
T43022	531 0546 10	55949	VKM16550
T43088	531 0757 10	55974	VKM11121
T43157	531 0478 10	55943	VKM11014
T43050	531 0529 10	55938	VKM14108
T43089	531 0756 10	55973	VKM14211
T36176	532 0243 10	55571	VKM 36031
T42091	532 0322 10	55573	VKM 26128
T41236	532 0220 10	55561	VKM 26125
T42089	532 0238 10	55511	VKM 26102
T42088	532 0237 10	55503	VKM 26101
T41237	532 0221 10	55565	VKM 26020
T41163	531 0069 10	55515	VKM 16212
T41163	531 0250 10	55515	VKM 16212
T41154	531 0055 10	55500	VKM 16000
T41155	531 0818 10	55622	
T42167	532 0308 10	55540	VKM 26310
T39063	534 0163 10	55601	VKM 36082
T43064	531 0409 30	55566	VKM11130
T43168	531 0710 10	55519	VKM13214

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
RENAULT	77 00 108 920	GTB0250	ATB2223
ROVER	CDU 3558	GT60310	ATB2156
SSANGYONG	A162-200-30-70	GT50030	
	A162-200-30-70	GT50010	
SUBARU	13073-AA220	GT40990	ATB2364
	13073-AA200	GT60270	
	13073-AA190	GT90740	ATB2337
	13073-AA000	GT80690	
	13085-AA010	GT90130	ATB2260
	13073-AA142	GT90280	ATB2259
	13073-AA180	GT90020	ATB2259
	13070-KA020	GT80050	ATB2426
	13033-AA042	GT90845	ATB2430
	13033-AA040	GT90840	ATB2430
	13070-KA073	GT90290	ATB2565
	13069-AA063	GT90085	ATB2476
	13070-AA001	GT80560	
	13071-AA002	GT80570	
	13069-AA034	GT90080	ATB2258
	73014-AA010	GT90970	
	13070-KA101	GT90660	
	13085-AA020	GT90490	
	13073-AA150	GT90480	
	13069-AA070	GT90470	ATB2477
	41045-5400	GT80190	
	73131-AC000	GTA0940	
	SUZUKI	12810-86501	GT80310
12810-82003		GT80320	ATB2098
12810-53B01		GT80940	ATB2423
12810-53A00		GT80120	ATB2435
12810-84001		GT80080	ATB2435
12810-81402		GT90580	ATB2267
12810-71C02		GT80640	ATB2101
12810-71C02		GT70870	ATB2101
49160-50G10		GT50700	
12810-83C00		GT90620	
12810-76G00		GT90610	
12810-76G70		GT60670	
12810-70B03		GT60230	

GATES	INA	RUVILLE	SKF
T43035	531 0630 30	55555	VKM16002
T41169	531 0075 10	56104	VKM 17310
T41239	532 0403 20	58116	VKM 88008
T41225	532 0383 20	58115	VKM 88007
T41226	532 0389 20	58109	VKM 88004
	532 0086 20	58105	VKM 88002
T42024	532 0085 20	58102	VKM 88001
T42039	532 0084 20	58101	VKM 88000
T42039	532 0084 20	58101	VKM 88000
	531 0384 20	58108	VKM 78105
T43137	531 0655 20	58107	VKM 78005
T43137	531 0655 20	58107	VKM 78005
			VKM 78004
	531 0662 20	58110	VKM 78003
	531 0165 20	58104	VKM 78002
	531 0164 20	58103	VKM 78001
T41063	531 0163 20	58100	VKM 78000
			VKM 68000
	532 0384 20	58113	
	532 0385 20	58112	
	531 0649 20	58111	
T38030	531 0853 10	56985	VKM 68001
T41009	531 0168 20	57705	VKM 76203
T41064	531 0167 20	57702	VKM 76202
	531 0170 20	57703	VKM 76200
T41251	531 0530 20	57700	VKM 76103
T41251	531 0530 20	57700	VKM 76103
	531 0112 20	59003	VKM 76102
T41065	531 0169 20	57704	VKM 76001
T41065	531 0169 20	57704	VKM 76001
			VKM 66010
	531 0855 10	57712	

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
SUZUKI	49160-70AA0	GTA0950	APV3063
	95131-67J11	GT30580	
	95131-67J11	GT30600	
TOYOTA	13503-62040	GT90460	ATB2487
	13503-27010	GT70330	ATB2312
	13503-10011	GT80730	ATB2115
	13503-64021	GT90240	ATB2093
	13503-65010	GT90440	ATB2456
	13503-50010	GT90050	ATB2562
	13503-63010	GT80030	ATB2107
	13503-54030	GT80720	ATB2001
	13503-54020	GT80150	ATB2106
	13503-62030	GT80540	ATB2004
	13505-65040	GT90340	ATB2499
	13505-65020	GT80600	ATB2481
	13505-67050	GT60210	ATB2498
	13505-62070	GT90450	ATB2557
	13505-42020	GT90800	ATB2490
	13505-16020	GT80630	ATB2471
	13505-11040	GT80420	ATB2108
	13505-27010	GT60760	ATB2329
	13505-74030	GT90810	ATB2468
	13505-15041	GT80010	ATB2120
	13505-11010	GT80700	ATB2120
	13505-10010	GT60290	ATB2121
	13505-63021	GT80370	ATB2104
	13505-64011	GT80710	ATB2092
	13505-64011	GT70830	ATB2092
	13505-67040	GT90210	ATB2266
	13505-88480	GT90670	ATB2344
	13505-46041	GT90830	ATB 2461
	13505-15050	GT80430	ATB2166
	13505-88383	GT90820	ATB2256
	13505-74011	GT80020	ATB2137
	13505-54021	GT80470	ATB2257
	13505-54010	GT80140	ATB2103
16603-23010	GT40900	APV2809	
16604-26011	GT90990		
16603-27011	GT70310		

GATES	INA	RUVILLE	SKF
T39181			VKM 66008
T36480	532 0622 10	57711	VKM 66030
T36480	532 0622 10	57711	VKM 66030
T42156	532 0390 20	56950	VKM 81401
T42192	532 0379 20	56943	VKM 81204
T42102	532 0095 20	56906	VKM 81201
T42027	532 0081 20	56904	VKM 81100
	532 0356 10	56947	VKM 81007
T42031	532 0372 20	56935	VKM 81005
T42025	532 0091 20	56902	VKM 81004
T42100	532 0098 20	56929	VKM 81002
T42026	532 0090 20	56914	VKM 81001
T42030	532 0092 20	56918	VKM 81000
	531 0639 20	56942	VKM 71808
	531 0675 20	56941	VKM 71807
T41288	531 0641 20	56948	VKM 71706
T41250	531 0642 20	56949	VKM 71701
	531 0190 20	56926	VKM 71700
T41074	531 0180 20	56916	VKM 71401
T41071	531 0187 20	56920	VKM 71400
T41280	531 0643 20	56951	VKM 71303
T41186	531 0183 20	56924	VKM 71302
T41066	531 0179 20	56915	VKM 71202
T41076	531 0186 20	56905	VKM 71201
T41185	531 0185 20	56908	VKM 71200
	531 0175 20	56912	VKM 71101
T41077	531 0178 20	56903	VKM 71100
T41077	531 0178 20	56903	VKM 71100
T41183	531 0215 20	56939	VKM 71014
T41272	531 0313 20	56933	VKM 71013
	531 0192 20	56934	VKM 71010
T41072	531 0181 20	56900	VKM 71007
T41214	531 0182 20	56925	VKM 71006
T41067	531 0176 20	56901	VKM 71003
T41181	531 0191 20	56928	VKM 71002
T41068	531 0174 20	56913	VKM 71001
T36395	532 0618 10	56983	VKM 67000
T36416			VKM 61021
T39154			VKM 61018

## Cross Reference (OE → GMB)

Car Maker	OE	GMB	DAYCO
TOYOTA	13570-22010	GT60010	APV2849
	88440-16050	GT90920	
	88440-12170	GT90930	
	88440-12190	GT90950	
	88440-12100	GT60000	
	88440-17010	GT90940	
	13505-46020	GT90590	
	13505-70030	GT90260	
	13503-70080	GT90250	ATB2363
	13503-10030	GT80380	
	13505-43010	GT80360	ATB2489
	13503-11010	GT80350	
	13503-64010	GT80330	ATB2093
	13505-20030	GT60630	
	13505-0A010	GT60620	
	13503-46010	GT60220	
	88440-0D010	GTA0120	
	88440-52010	GTA0810	
	88440-52020	GTA0820	
	88441-0D010	GTA0830	
16630-21020	GTC0040		
VOLVO	8692561	GT60640	ATB2408
	463633	GT90140	ATB2170
	9146377	GT50600	ATB2126
	30652243	GTA0050	APV2188
	30637955	GTB0330	ATB2415
VW	075 109 243B/D	GT60700	ATB2279
	058.260.511	GT60150	APV2038
	036.109.244D	GT70730	ATB2195
	036.109.244G	GT70400	ATB2529
	028 145 278 M	GTA0190	APV2631
	04C 109244C	GTC0030	
	036 109 243 F	GTB0260	ATB2298

GATES	INA	RUVILLE	SKF
T36448			VKM 61015
T36446			VKM 61011
			VKM 61009
			VKM 61003
			VKM 61002
T38031	531 0852 10	56984	VKM 61000
	531 0189 20	56973	
T42232	532 0097 20	56937	VKM 70080
	531 0184 20	56952	VKM 71404
	532 0099 20	56927	
T42027	532 0081 20	56904	
	531 0833 10	56971	VKM 71304
	531 0833 10	56971	
T36602			VKM 61037
T36381			VKM 61036
			VKM 61037
			VKM 61038
	531 0861 10	56992	
T42179	532 0225 10	56522	VKM 26220
T41081	531 0089 10	56500	VKM 16300
T42097	532 0317 10	56515	VKM 26610
T36176	532 0364 20	55597	VKM 36040
T43173	531 0786 10	56536	VKM16038
T42157	532 0190 10	55450	VKM 21045
T38068	531 0309 10	55464	VKM 31059
T42048	532 0167 10	55455	VKM 21120
	532 0182 10	55431	
T38372	531 0791 10	56301	VKM 31025
T43078	531 0318 10	55460	VKM13257

**GMB**

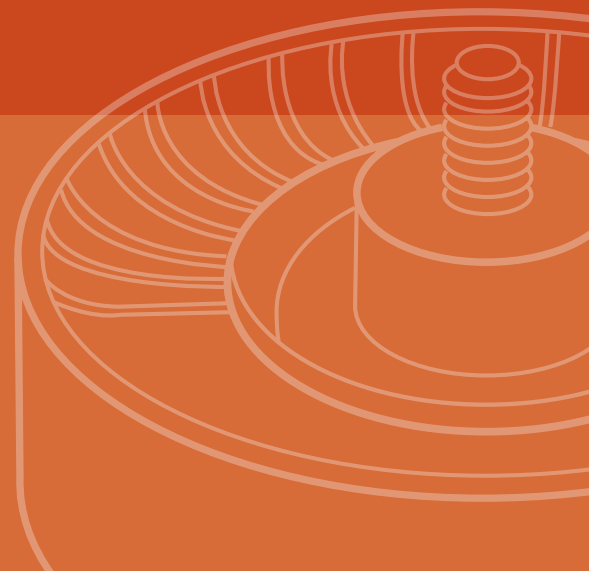




**PART 4**

CROSS REFERENCE (GMB → OE)

**GMB**



## Cross Reference (GMB → OE)

GMB	MAKER	CAR MODEL	OEM NO.
GT10010	HYUNDAI	PONY	24410-21010
GT10022	HYUNDAI	ACCENT	24410-26000
GT10031	HYUNDAI	SONATA	24410-32020
GT10032	HYUNDAI	SONATA	24410-32560
GT10040	HYUNDAI	SONATA	23357-32000
GT10050	HYUNDAI	SONATA	24810-33021
GT10060	HYUNDAI	SONATA	24450-33010
GT10061	HYUNDAI	SANTA FÉ	24450-38010
GT10070	HYUNDAI	LANTRA	23357-33120
GT10072	HYUNDAI	TRAJET	23357-38001
GT10080	HYUNDAI	GALLOPER	24410-35060
GT10090	HYUNDAI	SONATA	25281-35020
GT10100	HYUNDAI	XG	24450-35530
GT10101	HYUNDAI	SANTA FÉ	24450-37100
GT10110	HYUNDAI	XG	24810-35530
GT10111	HYUNDAI	GRANDEUR	24810-37100
GT10120	HYUNDAI	SONATA	25281-35530
GT10130	HYUNDAI	GRACE	23357-42030
GT10140	HYUNDAI	H-1 / STAREX	24317-42020
GT10150	HYUNDAI	COUPE	24410-23011
GT10160	HYUNDAI	ELANTRA	24810-23011
GT10161	HYUNDAI	i30	24810-23500
GT10170	HYUNDAI	ACCENT	24810-26010
GT10180	HYUNDAI		57250-37320
GT10190	HYUNDAI	GALLOPER	57255-37510
GT10240	HYUNDAI	ATOS	24410-02510
GT10290	HYUNDAI		25286-3B001
GT10300	HYUNDAI		25285-3B000
GT10321	HYUNDAI	XG	25281-39010
GT10361	HYUNDAI	SONATA IV	57212-38100
GT10510	HYUNDAI	ELANTRA	24410-27250(P)
GT10520	HYUNDAI	ACCENT	24810-27250
GT20010	MAZDA	626	FE1H-12-700A
GT20020	MAZDA	929	FE1H-12-730A
GT20030	MAZDA	626 III	FE3N-12-730
GT20040	KIA	AVELLA	24410-2X000
GT20050	KIA	CARENS II	OK937-12-700A
GT20060	KIA	RIO	OK937-12-730
GT20070	KIA	CARNIVAL	OK9BV 12 730

GMB	MAKER	CAR MODEL	OEM NO.
GT20090	MAZDA	929	JE26-12-730A
GT20100	MAZDA	929	JE26-12-740A
GT20110	KIA	BONGO	OK551-12-740
GT20120	KIA	BESTA	OK016-12-700A
GT20130	KIA	SPORTAGE	OK054-12-700
GT20140	KIA	SHUMA	24410-2Y000
GT20150	KIA	CARNIVAL	OK9BV-12-780
GT20160	KIA	CARNIVAL	OK9BV-12-790
GT30010	DAEWOO	KALOS	94580139
GT30500	PEUGEOT	PARTNER	0830.48
GT30510	RENAULT	CLIO	77001-07150
GT30520	OPEL	SPACE	4506092
GT30530	OPEL	ASTRA	9128739
GT30540	OPEL	CORSA	5636454
GT30550	AUDI SEAT SKODA VW	A2 CORDOBA FABIA BORA	036-109-181A/B
GT30560	CITROEN PEUGEOT	C5 406	0830.25 9400830599
GT30570	AUDI VW	A3 Sportback GOLF	06D 109 244 A/B
GT30580	SUZUKI	GRAND VITARA	95131-67J11
GT40010	DAIHATSU	CHARADE	13505-87702
GT40900	TOYOTA	AVANZA	16603-23010
GT40910	NISSAN	MICRA	11925-AX00A
GT40920	MAZDA	PREMACY	RF2A-12-700
GT40930	AUDI	A1	038-109-244J
GT40940	KIA	CARNIVAL	OK88R-12750
GT40950	MISUBISHI	L 200	1145A020
GT40960	KIA	BONGO	OK551-12-730A
GT40970	KIA	CARNIVAL	OK88R-12740
GT40980	KIA	CARNIVAL	24317-4X-001
GT40990	SUBARU	FORESTER	13073-AA220
GT50010	SSANGYONG		A162-200-30-70
GT50030	SSANGYONG		A162-200-30-70
GT50510	CITROEN PEUGEOT	EVASION BOXER	0829.32
GT50520	CITROEN PEUGEOT	SAXO 106	0829.30 956 401 95

GMB	MAKER	CAR MODEL	OEM NO.
GT50530	CITROEN PEUGEOT	CX J5	0818.22 0818.17
GT50540	RENAULT	CLIO	7700107249
GT50560	CITROEN PEUGEOT	CLIO	7700107249
GT50560	CITROEN PEUGEOT	BERLINGO 306	5751.38
GT50570	CITROEN PEUGEOT	EVASION 806	0829.33
GT50580	RENAULT	21	7700852114
GT50590	CITROEN ROVER	BERLINGO 400	0830.13 LHP 100070
GT50600	VOLVO	S40	9146377
GT50610	CITROEN PEUGEOT	BX 305	0829.12
GT50620	RENAULT	KANGOO	7700116054
GT50630	AUDI SEAT	A4 LEON	06D 109 244E
GT50680	HONDA	CITY Saloon	38942-PHM-004
GT50690	MAZDA		LF1-15-940
GT50700	SUZUKI	BALENO	49160-50G10
GT50910	MAZDA	626	RF2A-12-730
GT50920	AUDI VW	A6 AMAROK	03L.109.244E
GT50930	LADA	SAMARA	2105.100.6124
GT60000	TOYOTA	COROLLA	88440-12100
GT60010	TOYOTA	AURIS	13570-22010
GT60020	HONDA	ACCORD	38950-P3F-305
GT60030	MITSUBISHI	COLT	MD356509
GT60040	MITSUBISHI	GRANDIS	MD374877
GT60050	MITSUBISHI	OUTLANDER	MN137247
GT60060	MITSUBISHI	NIMBUS	MD362028
GT60070	CITROEN	JUMPY	0829.59
GT60080	CITROEN	C4	0830.28
GT60090	RENAULT	MEGANE	7700273277
GT60100	OPEL	ARENA	4401609
GT60110	RENAULT	SUPER 5	7700735486
GT60120	CITROEN	JUMPER	4007.E4
GT60130	CITROEN	BX	0829.11
GT60140	CITROEN	ZX	0830.02

GMB	MAKER	CAR MODEL	OEM NO.
GT60150	VW	PASSAT	058 260 511
GT60160	MAZDA	B-SERIE	WL01-12-700
GT60170	MITSUBISHI	GALANT	MD179597
GT60180	MAZDA	626 III	RF71-12-730A
GT60190	MITSUBISHI	COLT	MD148876
GT60200	MITSUBISHI	COLT	MD313329
GT60210	TOYOTA	LAND CRUISER	13505-67050
GT60220	TOYOTA	CROWN	13503-46010
GT60230	SUZUKI	SUPER CARRY	12810-70B03
GT60240	DAIHATSU	ED 10 K	13505-87206-000
GT60250	MITSUBISHI		MD195999
GT60260	CHRYSLER		477393
GT60270	SUBARU	FORESTER	13073-AA200
GT60280	FORD		YS4Z-6M250-BA
GT60290	TOYOTA	STARLET	13505-10010
GT60310	ROVER	25	CDU 3558
GT60320	CITROEN	605	0818.19
GT60330	AUDI	A6	028 109 244
GT60340	AUDI	A3	038 109 244 E
GT60340	AUDI	A3	038 109 244 E
GT60350	AUDI SEAT SKODA VW	A2 EXEO OCTAVIA BEETLE	045 109 244 A
GT60360	DAIHATSU	SIRION (M1)	13505-97201
GT60370	PROTON	GEN 2	PW811497
GT60380	FORD		E9DZ6K254A
GT60390	AUDI VW	A6 PHAETON	077 109 485 E
GT60395	AUDI VW	A6 PHAETON	077 109 485 C
GT60400	AUDI	A8	077 109 244E
GT60410	AUDI	A8	077 109 244C
GT60420	AUDI	A3	038 109 244H/B
GT60430	AUDI VW	80 PASSAT	069 109 243B
GT60440	AUDI VW	A4 PASSAT	058 109 243B
GT60450	MITSUBISHI		MD309783
GT60460	MITSUBISHI		MD310150

## Cross Reference (GMB → OE)

GMB	MAKER	CAR MODEL	OEM NO.
GT60470	mitsubishi	LANCER	MD129355
GT60480	mitsubishi	GRANDIS	MN137248
GT60490	RENAULT	RAPID	7700733489
GT60500	PEUGEOT		C9IP1100
GT60510	AUDI SEAT	TT ALHAMBRA	06B 109 244
GT60520	FIAT RENAULT	CAMPAGNOLA BOXER	99432547
GT60530	FIAT PEUGEOT	ARGENTA BOXER	4740847
GT60540	FIAT	BRAVO	46400054
GT60550	ALFA ROMEO FIAT	147 COUPE	60813590 7763644
GT60560	OPEL VAUXHALL	ASTRA H ASTRA Mk	56-36-416/455
GT60570	OPEL	CORSA B	56 36 415
GT60580	OPEL VAUXHALL	KADETT E CALIBRA	90411773
GT60590	VAUXHALL	ZAFIRA A	56 36 423 90529810
GT60600	CHRYSLER	CIRRUS	04663515AC
GT60610	HONDA	LEGEND	14510-P0G-A01
GT60620	TOYOTA	ALPHARD	13505-0A010
GT60630	TOYOTA	CAMRY	13505-20040
GT60640	VOLVO	C30	8692561
GT60650	AUDI SEAT SKODA VW	TT TOLEDO OCTAVIA BORA	06B 109 243
GT60660	AUDI VW	TRANSPORTER PASSAT	058 109 243E
GT60670	SUZUKI		12810-76670
GT60680	ALFA ROMEO	146	60812545
GT60700	VW	LT 28-35	075 109 243B/D
GT60760	TOYOTA	AVENSIS	13505-27010
GT60770	HYUNDAI	GALLOPER	24410-35010
GT60780	NISSAN	PRIMERA	13077-54A02
GT60790	NISSAN	SUNNY	13070-16A10
GT60940	FORD	ESCORT	1005516 96FF-6K254-AA
GT60950	PEUGEOT	106	6453.S4/S5

GMB	MAKER	CAR MODEL	OEM NO.
GT70310	TOYOTA	COROLLA	16603-27011
GT70320	mitsubishi	CARISMA	MD 169592
GT70330	TOYOTA	AVENSIS	13503-27010
GT70370	HYUNDAI	GRANDEUR	24840-3E500
GT70380	AUDI MERCEDES-BENZ SKODA VW	A8 C-CLASS SUPERB TOUAREG	000 202 0019
GT70390	FIAT	IDEA	46736886
GT70400	VW	GOL	036.109.244G
GT70410	GM		8966821
GT70420	FIAT	DUNA	4427069
GT70430	FIAT	CROMA	5956109
GT70440	FIAT	TIPO	7541718
GT70450	FIAT	FIORINO	5997325
GT70460	FIAT	RITMO	7726935
GT70470	FIAT	UNO	50006132
GT70480	FIAT	SIENA	46756937
GT70490	GM		70810058
GT70700	FIAT		46.44.604
GT70710	OPEL	CORSA B	90.409.238
GT70720	FORD		BF5T6B209
GT70730	VW	CADDY	036.109.244D
GT70740	FIAT	BRAVA	46424716
GT70750	GM		93397256
GT70760	GM		93302612
GT70770	RENAULT	ESPACE	770.010.293
GT70780	FIAT	DOBLO MPV	46.548.452
GT70790	FORD		XS6E-19A2-16CC
GT70800	GM		93336184
GT70810	FORD		2N1U10K018BA
GT70820	FIAT	MAREA	46441096
GT70830	TOYOTA	CARINA	13505-64011
GT70840	mitsubishi	GALANT	MD325568
GT70870	SUZUKI	ALTO	12810-71C02
GT70930	mitsubishi	L 200	MN176844
GT70940	FORD		BF5T6B209
GT70950	MAZDA	B-SERIE	WL81-12-700
GT70960	MAZDA	6 Station Wagon	RF5C-12-700
GT70970	MAZDA	3 Saloon	RF5C-12-730

GMB	MAKER	CAR MODEL	OEM NO.
GT80010	TOYOTA	COROLLA	13505-15041
GT80020	TOYOTA	CAMRY	13505-74011
GT80030	TOYOTA	AVENSIS	13503-63010
GT80040	MAZDA	323 F	FS01-12-730A
GT80050	SUBARU	JUSTY	13070-KA020
GT80060	MITSUBISHI	L 200	MD114691
GT80070	AUDI	IBIZA	026 109 243A
GT80080	SUZUKI	SAMURAI	12810-84001
GT80090	MITSUBISHI	LANCER	MD146186
GT80100	HONDA	CIVIC	14510-PM7-003
GT80110	NISSAN	CHERRY	13070-01M00
GT80120	SUZUKI	ALTO	12810-53A00
GT80130	DAIHATSU	CUORE	13505-87201
GT80140	TOYOTA	HIACE	13505-54010
GT80150	TOYOTA	CRESSIDA	13503-54020
GT80160	DAIHATSU		13505-87025
GT80170	HONDA	ACCORD PRELUDE	14510-PC6-013
GT80180	DAIHATSU	CUORE MOVE	13505-87203
GT80190	SUBARU	REX	41045-5400
GT80200	MITSUBISHI	L 200	MD120266
GT80210	FORD	ESCORT FIESTA	1005822
GT80220	FORD	ESCORT MONDEO	6497120
GT80230	FORD	ORION P 100	1005823
GT80240	CITROEN	AX	96004619
GT80250	ISUZU	TROOPER	8-94215-197-1
GT80260	CITROEN	BERLINGO	0829.19
GT80270	RENAULT	ESPACE	77 00 722 452
GT80280	AUDI	80 90	068 109 243 B
GT80290	FIAT	CINQUECENTO	5972277
GT80300	CITROEN	CX	0829.22
GT80310	SUZUKI	SWIFT	12810-86501
GT80320	SUZUKI	VITARA	12810-82003
GT80330	TOYOTA	AVENSIS CAMRY	13503-64010

GMB	MAKER	CAR MODEL	OEM NO.
GT80340	NISSAN	MAXIMA 300 ZX	13070-42L00
GT80350	TOYOTA	TERCEL	13503-11010
GT80360	TOYOTA	7M-GE	13505-43010
GT80370	TOYOTA	CAMRY	13505-63021
GT80380	TOYOTA	COROLLA Liftback	13503-10030
GT80390	HONDA	PRELUDE	13404-PCA-003
GT80400	MITSUBISHI	COLT	MD315265
GT80410	DAIHATSU	APPLAUSE	13505-87102
GT80420	TOYOTA	COROLLA	13505-11040
GT80430	TOYOTA	AVENSIS	13505-15050
GT80440	HONDA	ODYSSEY	14510-PT0-002
GT80450	MAZDA	E-SERIE	R201-12-700A
GT80460	CITROEN	ZX	645376
GT80470	TOYOTA	HILUX	13505-54021
GT80480	MITSUBISHI	SPACE WAGON	MD040754
GT80490	FORD	SCORPIO	D4FZ-6K-254A
GT80500	FORD	ORION	6089286
GT80510	MAZDA	XEDOS 8	KL01-12-740
GT80520	MAZDA	MX-3	KL01-12-730
GT80530	MAZDA	XEDOS 9	JE15-12-730A
GT80540	TOYOTA	AVALON CAMRY	13503-62030
GT80550	HONDA	LEGEND	14510-PH7-003
GT80560	SUBARU	LEONE	13070-AA001
GT80570	SUBARU	LEONE	13071-AA002
GT80580	HONDA	CIVIC	14510-P30-003
GT80590	HONDA	CRX	14510-PE0-003
GT80600	TOYOTA	4 RUNNER	13505-65020
GT80610	HONDA	INTEGRA	14510-PG6-013
GT80620	ISUZU	TROOPER	8-94472-349-0
GT80630	TOYOTA	CELICA	13505-16020
GT80640	SUZUKI	APV	12810-71C02
GT80650	HONDA	ACCORD	13510-PK1-014
GT80660	MAZDA	MPV	JE15-12-750
GT80670	MAZDA	626	KL01-12-750
GT80680	LEXUS	RX	13505-20010
GT80690	SUBARU	LEONE	13073-AA000
GT80700	TOYOTA	COROLLA	13505-11010

## Cross Reference (GMB → OE)

GMB	MAKER	CAR MODEL	OEM NO.
GT80710	TOYOTA	AVENSIS	13505-64011
GT80720	TOYOTA	LAND CRUISER	13503-54030
GT80730	TOYOTA	STARLET	13503-10011
GT80740	NISSAN	BLUEBIRD	13074-05E00
GT80750	DAEWOO	CIELO	96350526
GT80760	NISSAN	VANETTE	13070-57J00
GT80770	NISSAN	VANETTE	13070-05E00
GT80780	NISSAN	MICRA	13070-01B00
GT80790	NISSAN	LAUREL	13070-V7201
GT80800	MAZDA	GALANT	MD182537
GT80810	NISSAN	ALMERA	13077-54A00
GT80820	CHRYSLER		5203469
GT80830	CHRYSLER	DAYTONA	4315705
GT80840	ISUZU	MIDI Bus	8-94423-331-1
GT80850	HONDA	LEGEND	14510-PV0-003
GT80860	HONDA	LEGEND	14510-PY3-003
GT80870	MAZDA	929	JE48-12-730
GT80880	MAZDA	929	JE48-12-740
GT80890	MAZDA	COLT	MD008965
GT80900	MAZDA	GALANT	MD109958
GT80910	NISSAN	300	13077-F6511
GT80920	NISSAN	300 ZX	13077-F6510
GT80930	NISSAN	300 ZX	13077-F6512
GT80940	SUZUKI	SWIFT	12810-53B01
GT80950	MAZDA	ECLIPSE	MD009650
GT80960	GM		FOCZ-6K-254A
GT80970	MAZDA	B-SERIE	F805-12-700A
GT80980	MAZDA	323	Z501-12-730
GT80990	MAZDA	SPACE STAR	MD329976
GT90000	FORD	ESCORT	F5RZ-6K-254A
GT90010	CHRYSLER	300 C	4663515
GT90020	SUBARU	FORESTER	13073-AA180
GT90030	HONDA	PRELUDE	13404-P13-003
GT90040	HONDA	CIVIC	14510-P08-003
GT90050	TOYOTA	PRADO	13503-50010
GT90060	ISUZU	TROOPER	8-94386-488-1/2
GT90070	ISUZU	MIDI Bus	8-94362-435-0
GT90080	SUBARU	IMPREZA	13069-AA034
GT90085	SUBARU	LEGACY	13069-AA063

GMB	MAKER	CAR MODEL	OEM NO.
GT90090	LEXUS	LS	13505-50011
GT90100	MAZDA	MPV	JE15-12-750
GT90110	ISUZU	TROOPER	8-94364-816-0
GT90115	ISUZU	TROOPER	8-97136-256-0
GT90120	HONDA	PRELUDE	14510-P13-003
GT90130	SUBARU	FORESTER	13085-AA010
GT90140	VOLVO	740	463633-8
GT90150	ISUZU	TROOPER	8-94382-214-0
GT90160	NISSAN	PATROL	13077-V7200
GT90170	ISUZU	TROOPER	8-94382-215-0
GT90180	RENAULT	CLIO	77 00 736 085
GT90190	NISSAN	SUNNY	13070-16A00
GT90200	MAZDA OPEL	323 ASTRA F	Y701-12-700A 636741
GT90210	TOYOTA	HILUX	13505-67040
GT90220	MAZDA	COLT	MD012587
GT90230	OPEL	CORSA	97112439
GT90240	TOYOTA	AVENSIS	13503-64021
GT90250	TOYOTA	ALTEZZA	13503-70080
GT90260	TOYOTA	CHASER	13505-70030
GT90270	HONDA		14510-PFB-003
GT90280	SUBARU	FORESTER	13073-AA142
GT90290	SUBARU	VIVIO	13070-KA073
GT90300	NISSAN	CHERRY	14520-PFB-003
GT90310	OPEL	ASTRA	636735
GT90320	MAZDA	LANCER F	MD195998
GT90330	MAZDA		MD134281
GT90340	TOYOTA	4 RUNNER	13505-65040
GT90350	FORD	ESCORT	F5RZ-6M250-B
GT90360	FORD	MONDEO	F5RZ-6M250-A
GT90370	HONDA	ACCORD	14550-P8A-A01
GT90380	HONDA	ACCORD	14510-P8A-A01
GT90390	FORD	FOCUS	XS4Z-6M250-BA
GT90400	FORD	MONDEO	F8CZ-6M250-AA
GT90410	GM		24503859
GT90420	GM		24503561
GT90430	ISUZU	GEMINI	8-94100-223-1
GT90440	TOYOTA	4 RUNNER	13503-65010
GT90450	TOYOTA	LAND CRUISER PRADO	13505-62070

GMB	MAKER	CAR MODEL	OEM NO.
GT90460	TOYOTA	4 RUNNER	13503-62040
GT90470	SUBARU	SVX	13069-AA070
GT90480	SUBARU	SVX	13073-AA150
GT90490	SUBARU	SVX	13085-AA020
GT90500	MAZDA	XEDOS 9	KJ01-12-750
GT90510	MAZDA	MX	KJ01-12-740
GT90520	GEO		8-94372202-0
GT90530	CHRYSLER	PT CRUISER	5083726AB
GT90540	DAEWOO	LACETTI	9128738
GT90550	MITSUBISHI	CARISMA	MD320174
GT90560	ISUZU	TROOPER	8-97146-877-0
GT90570	FORD		F7CZ-6K254A
GT90580	SUZUKI	CAPPUCINO	12810-81402
GT90590	TOYOTA	SUPRA	13505-46020
GT90600	NISSAN	MAXIMA	13070-5L300
GT90610	SUZUKI	ALTO	12810-76G00
GT90620	SUZUKI		12810-83C00
GT90630	MAZDA	E-SERIE	RF01-12-700A
GT90640	MITSUBISHI		MD350488
GT90650	MITSUBISHI		MD351829
GT90660	SUBARU	VIVIO	13070-KA101
GT90670	TOYOTA	CARINA E	13505-88480
GT90680	MITSUBISHI		MD347432
GT90690	MITSUBISHI		MD354223
GT90700	MITSUBISHI	GALANT	MD352473
GT90710	CHRYSLER	LE BARON	4273241
GT90720	KIA	CARNIVAL	OK95K 12 750
GT90730	HONDA	LEGEND	14550-RCA-A01
GT90740	SUBARU	FORESTER	13073-AA190
GT90750	AUDI	A4	078 109 243 R
GT90760	HONDA	LEGEND	14510-RCA-A01
GT90770	HONDA	NSX	14510-PR7-A01
GT90780	HONDA	LEGEND	14510-P5A-003
GT90790	HONDA	LEGEND	13450-P5A-003
GT90800	TOYOTA	SUPRA	13505-42020
GT90810	TOYOTA	CELICA	13505-74030
GT90820	TOYOTA	MR 2	13505-88383
GT90830	TOYOTA	SUPRA	13505-46041
GT90840	SUBARU	FORESTER	13033-AA040

GMB	MAKER	CAR MODEL	OEM NO.
GT90845	SUBARU	IMPREZA	13033-AA042
GT90850	AUDI	A4	078 109 244 H
GT90860	AUDI	A1	058 109 244
GT90870	BMW	320i ~ 525i	11 31 1 468 743
GT90880	CHRYSLER		4663515B
GT90890	NISSAN	BLUEBIRD	13070-D0100
GT90900	NISSAN	SUNNY	13070-D4200
GT90900	TOYOTA	AURIS	16604-26011
GT90910	NISSAN	BLUEBIRD	13077-D4200
GT90920	TOYOTA	HIACE	88440-16050
GT90930	TOYOTA	CORLLA	88440-12170
GT90940	TOYOTA	CARINA E	88440-17010
GT90950	TOYOTA	COROLLA	88440-12190
GT90960	KHODRO		MB366.15.940
GT90970	SUBARU	LEGACY	73014-AA010
GT90980	MAZDA	323	B366-15-940
GTA0010	FIAT	DUCATO	9636782780 9653522780
GTA0020	CITROEN	C1 ~ C4	5751.86 5751.F9
GTA0030	FIAT	BRAVA	46546374 55180011
GTA0040	AUDI VW	A3	038 903 315 AE 038 903 315 F
GTA0050	VOLVO	V40	30623983 30638631
GTA0060	HYUNDAI	GRANDEUR	25281-27000 25281-27001
GTA0070	HYUNDAI	CLICK	25287-2A000
GTA0080	MERCEDES-BENZ	A-CLASS	166 202 02 19 166 202 05 19
GTA0090	GM	REZZO	24412292 90412430
GTA0100	PEUGEOT	EVASION	00 005 751 20 5751.20
GTA0110	FORD	FIESTA	1015375 6200285
GTA0120	TOYOTA	YARIS	88440-0D010
GTA0130	AUDI	A2	036 109 244 C 036 109 244 D

## Cross Reference (GMB → OE)

GMB	MAKER	CAR MODEL	OEM NO.
GTA0140	PEUGEOT	PARATNER	5751.89 96 383 807 80
GTA0150	AUDI	A4	059 903 341 A 059 903 341 E
GTA0160	MERCEDES-BENZ	B-CLASS	640 202 04 19 668 202 01 19
GTA0170	MERCEDES-BENZ	A-CLASS	166 202 01 19 166 202 04 19
GTA0180	ALFA ROMEO FIAT	GTV BRAVO	60607965 60652129
GTA0190	SEAT SKODA	FELICIA	028 145 278 M
GTA0200	FORD	MONDEO	1117009 1128896
GTA0210	AUDI	TT Roadster	022 145 299 A 022 145 299 D
GTA0220	BMC		9P918230
GTA0230	MERCEDES-BENZ	C-CLASS	112 200 01 70 112 200 09 70
GTA0240	GM	AVEO ASTRA	55350422 55556090
GTA0250	CHRYSLER		53010161
GTA0260	FORD	TRANSIT	6789631
GTA0270	ALFA ROMEO	SPIDER	55190053 60624147
GTA0280	RENAULT	SCENIC	77 00 108 626 82 00 483 288
GTA0290	FIAT	BRAVA	46537101
GTA0300	FORD MAZDA	FOCUS TRIBUTE	1095025 YF09-12-730
GTA0310	CITROEN FORD	JUMPER TRANSIT	5751.F0 1372398
GTA0320	HYUNDAI KIA	ACCENT SPORTAGE	25281-27000
GTA0330	AUDI SEAT	A3 ALTEA	1J0 145 276 1J0 145 276 B
GTA0340	RENAULT	CLIO	7700870495
GTA0350	AUDI SKODA	A4 SUPERB	058 903 133 C 058 903 133 D
GTA0360	CITROEN PEUGEOT	BERLINGO 206 SW	5751.97

GMB	MAKER	CAR MODEL	OEM NO.
GTA0370	NISSAN RENAULT	ALMERA KANGOO	11955-00QAG 82 00 048 486
GTA0380	FIAT	DOBLO	46454419
GTA0390	GM	ASTRA H	90409783 90528760
GTA0400	FORD	ESCORT	1004961
GTA0410	AUDI	A2	030 145 299 C 030 145 299 F
GTA0810	TOYOTA	TARIS	88440-52010
GTA0820	TOYOTA	TARIS	88440-52020
GTA0830	TOYOTA	TARIS	88441-0D010
GTA0850	KIA	CARNIVAL	0K88R-12-740
GTA0860	HONDA	CIVIC	31190-RL2-G01
GTA0870	HYUNDAI	CARNIVAL	25286-4X000
GTA0880	HYUNDAI	ACCENT	97834-22100
GTA0890	FIAT IVECO	DUCATO DAILY	504000412
GTA0900	FIAT IVECO	DUCATO DAILY	504000410
GTA0910	HYUNDAI	SANTA FE	25287-27000
GTA0920	MITSUBISHI	ASX	1341A005
GTA0930	CHEVROLET	CRUZE	48 05 183
GTA0940	SUBARU	LEGACY	73131-AC000 73131-FC000
GTA0950	SUZUKI	IGNIS	49160-70AA0
GTA0960	MAZDA	6 ESTATE	L510-15-930A
GTA0970	ALFA ROMEO	159	55195531
GTA0980	MITSUBISHI		BW940162
GTA0990	MITSUBISHI		BW940138
GTB0010	DAEWOO	KALOS	5094008601
GTB0020	OPEL	ASTRA F	90353176
GTB0030	OPEL	ASTRA G	5636732
GTB0040	OPEL	ASCONA	5636429
GTB0050	OPEL	KADETT	90411774
GTB0060	HYUNDAI	COUPE	24410-23050
GTB0070	HYUNDAI	LAVITA	24410-27250
GTB0100	NISSAN	NOTE	82 00 102 941
GTB0110	CITROEN	BERLINGO	9642929880
GTB0120	PEUGEOT	PARTNER	0829.A0
GTB0130	AUDI	A2	036 109 243 AB



GMB	MAKER	CAR MODEL	OEM NO.
GTB0140	AUDI	A2	036 109 243 AC
GTB0150	AUDI	A3	06A 109 479 A
GTB0160	RENAULT	MEGANE	77 00 108 117
GTB0180	RENAULT	LAGUNA	82 00 191 324
GTB0190	AUDI	A4	038 109 243 M
GTB0200	PEUGEOT	206	082988
GTB0210	AUDI	A3	06D 109 243 B
GTB0220	PEUGEOT	206	0829.77
GTB0230	PEUGEOT	1007	0829.A5
GTB0240	PEUGEOT	PARTNER	0829.82
GTB0250	RENAULT	AVANTIME	77 00 108 920
GTB0260	VW	BORA	036 109 243 F
GTB0270	AUDI	A4	028 109 243 E/F
GTB0280	FORD	FIESTA	1079173
GTB0290	FORD	TOURNEO	1000159
GTB0300	AUDI	CORDOBA	038 109 243 D
GTB0310	PEUGEOT	306 ~ 406	0829.69
GTB0320	NISSAN	KUBISTAR	13 07 015 64R
GTB0330	VOLVO	S40	30637955
GTB0340	PEUGEOT	EXPERT TEPEE	0829.A4
GTC0010	HYUNDAI	i30	25287-2A100
GTC0020	GM	CAPTIVA ATNTARA	96440326
GTC0030	VW		04C 109244C
GTC0040	TOYOTA	PRIUS	16630-21020
GTC0050	CHEVROLET OPEL	CRUZE NUBIRA	96440326 48 05 176

GMB	MAKER	CAR MODEL	OEM NO.
-----	-------	-----------	---------

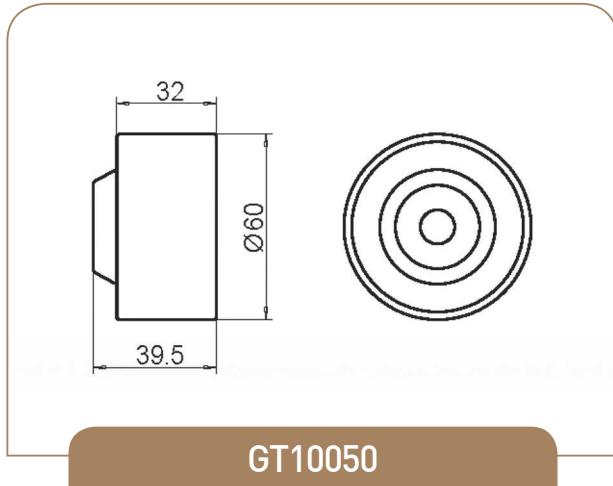
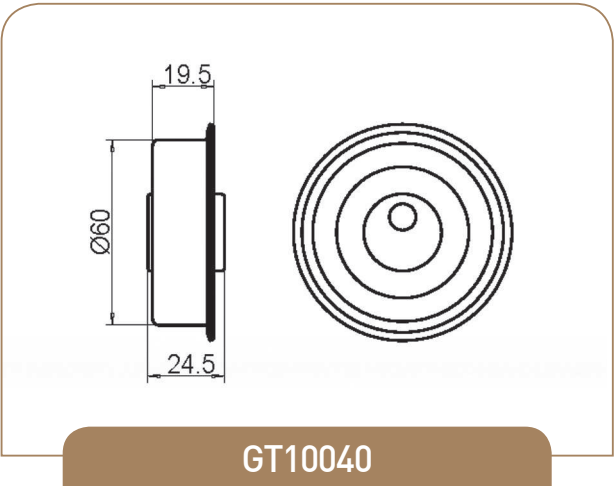
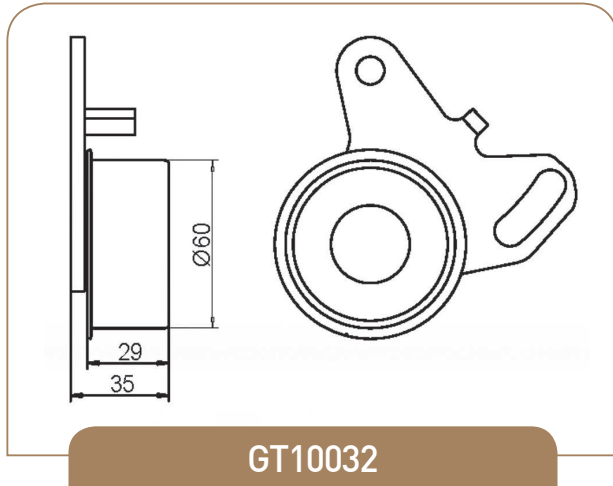
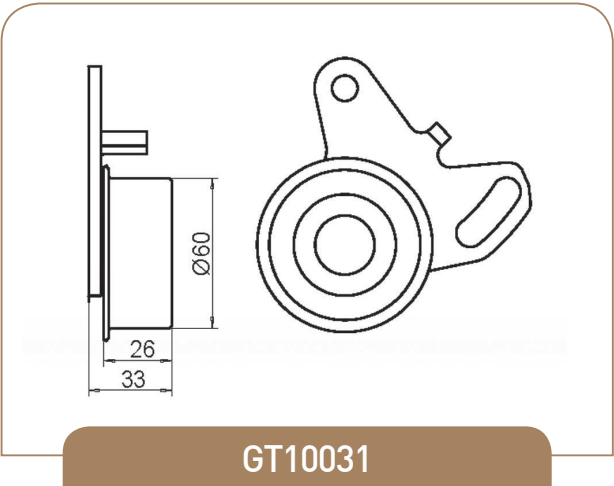
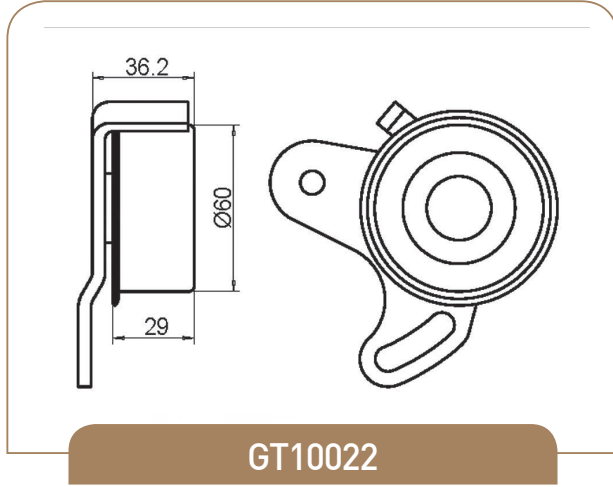
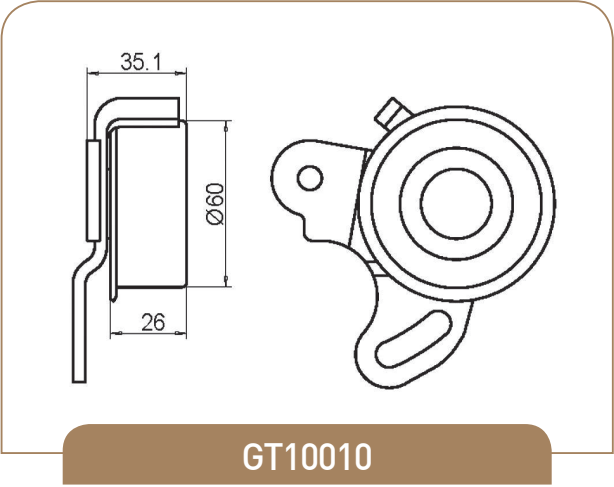
**GMB**

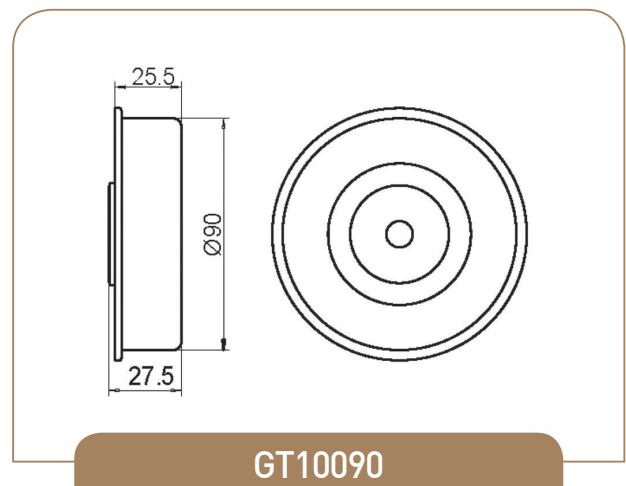
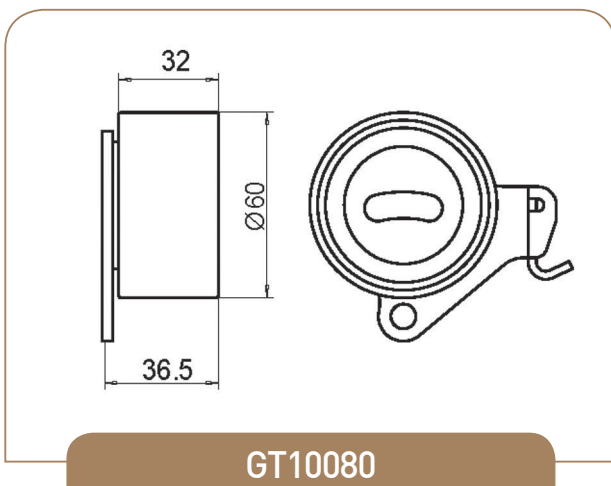
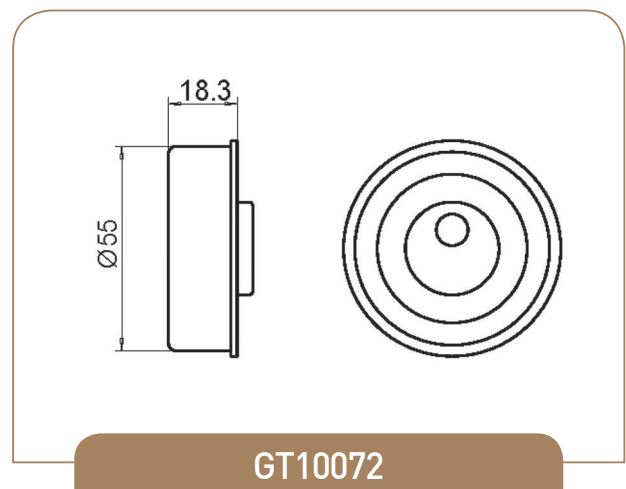
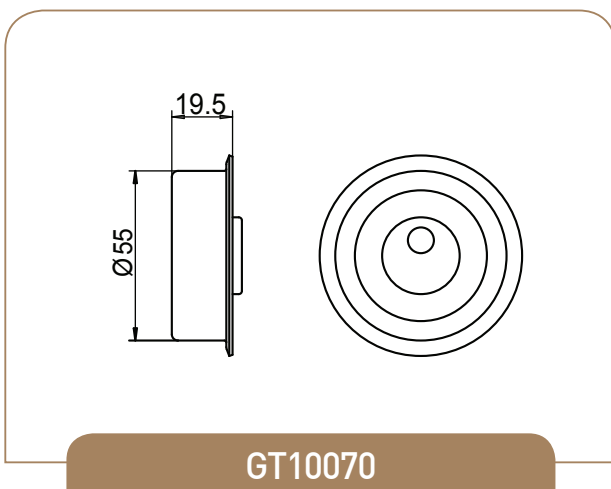
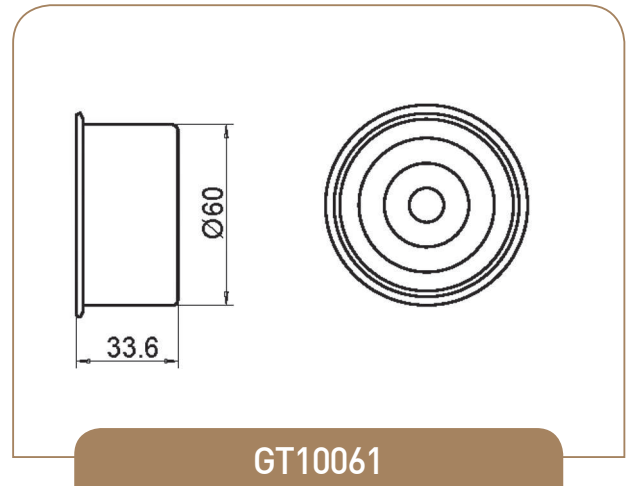
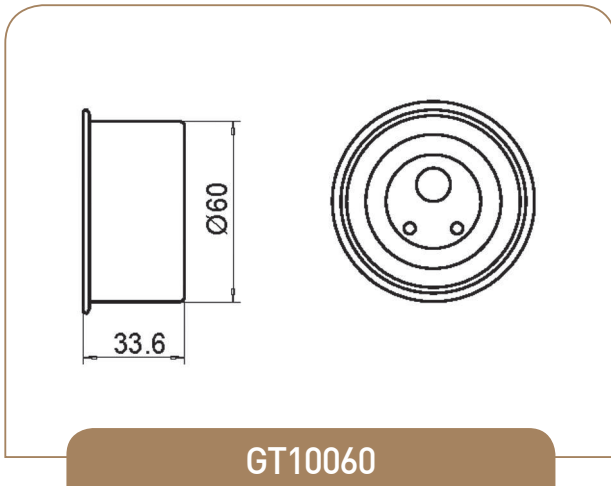
**PART 5**

**BRIEF DRAWING**

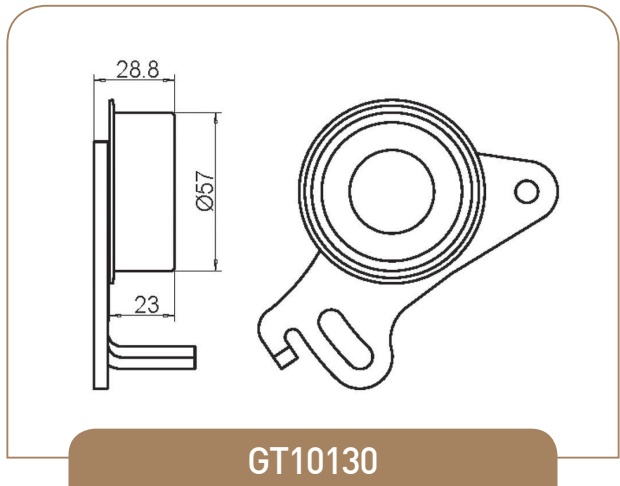
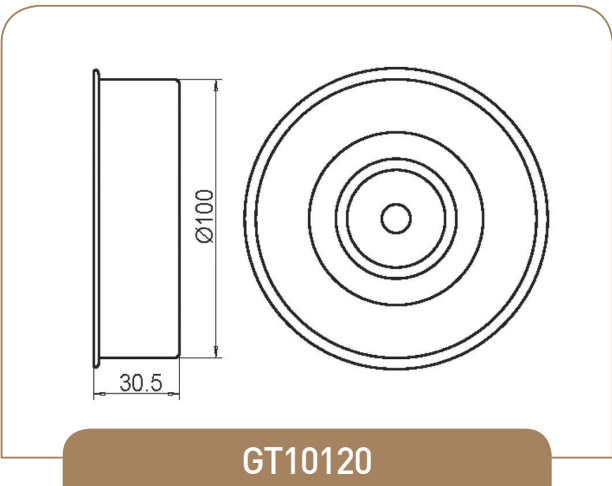
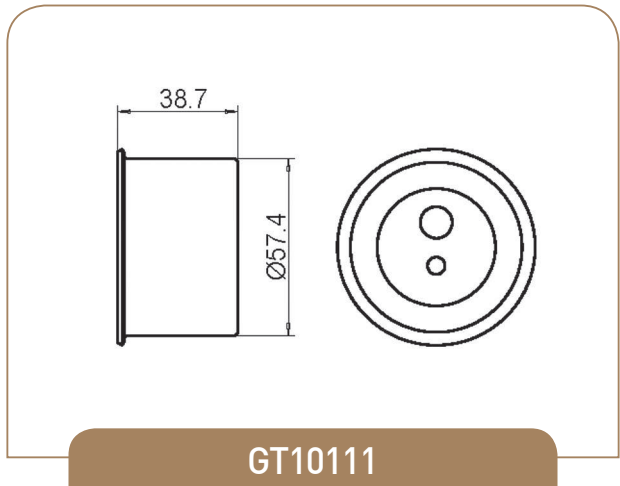
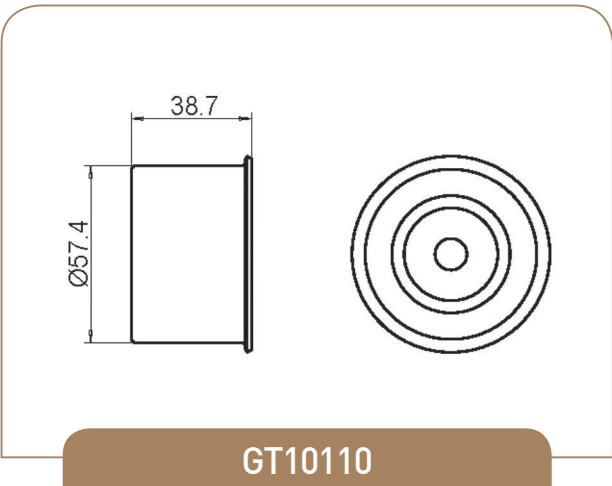
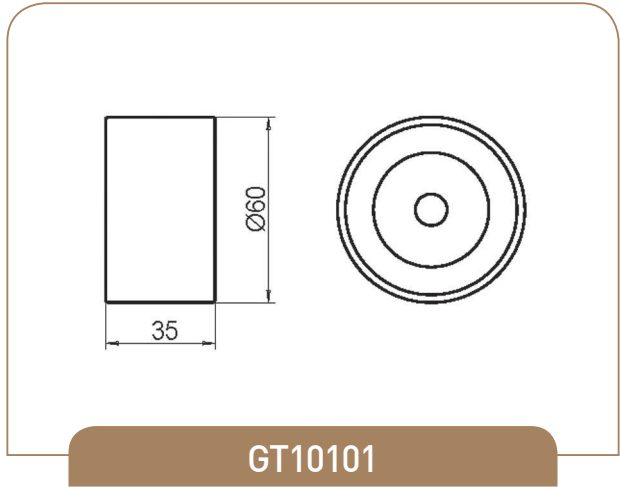
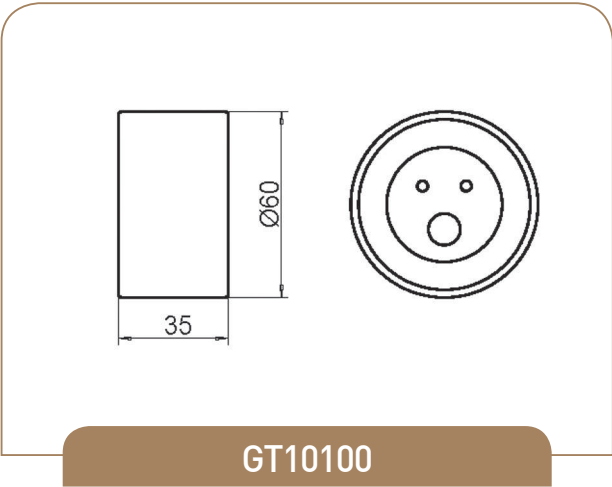
**GMB**

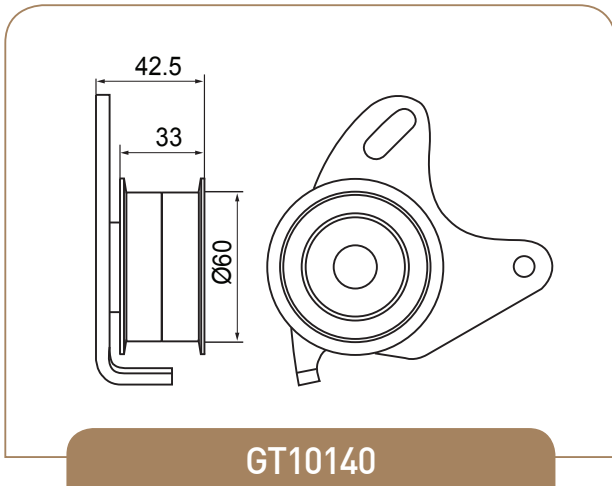
# Brief Drawing



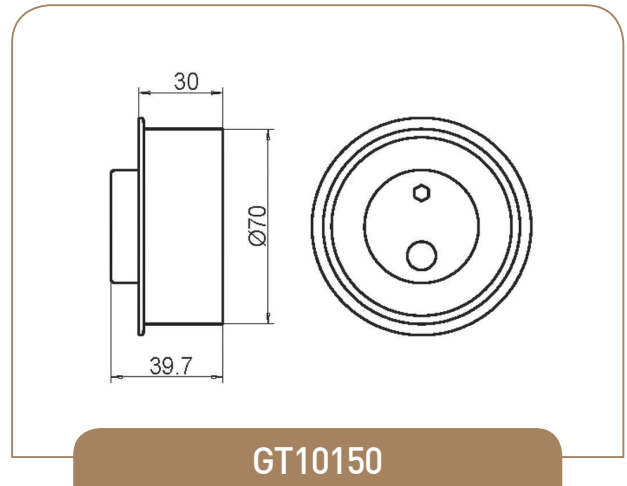


# Brief Drawing

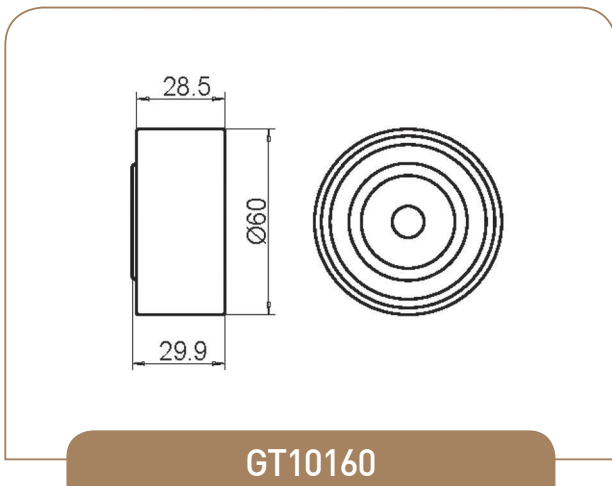




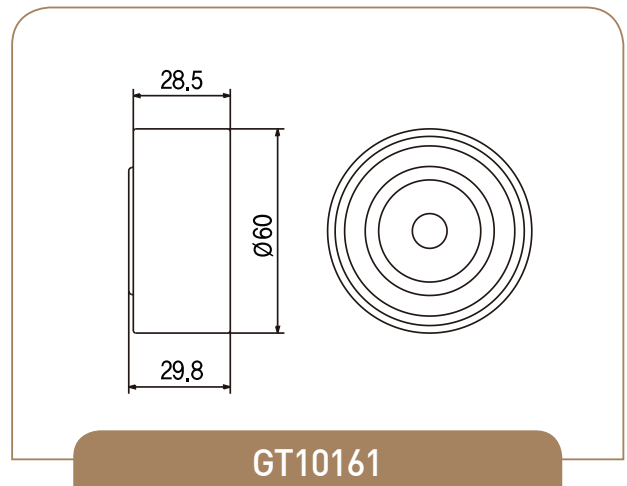
GT10140



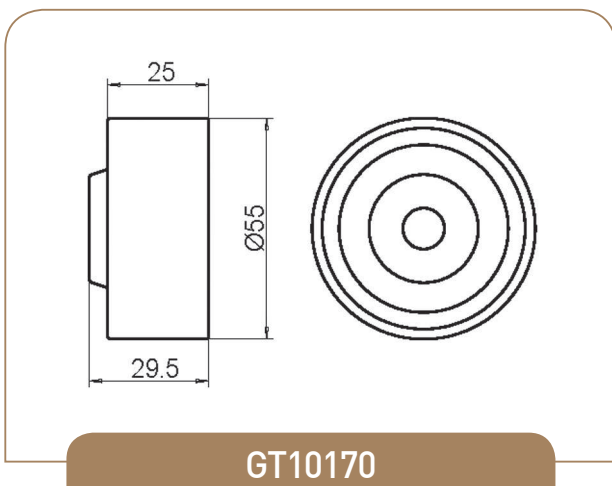
GT10150



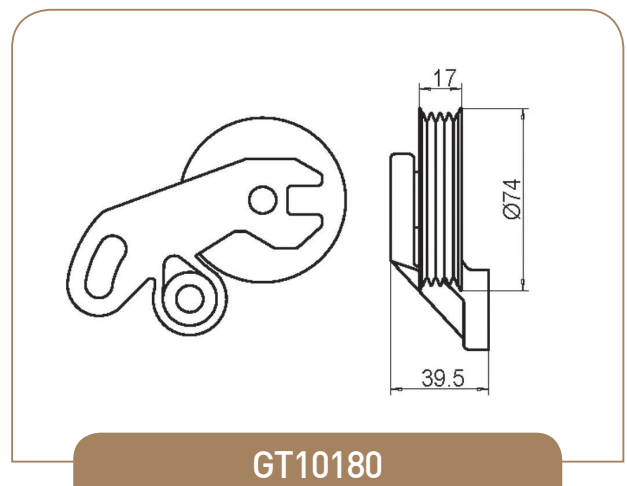
GT10160



GT10161

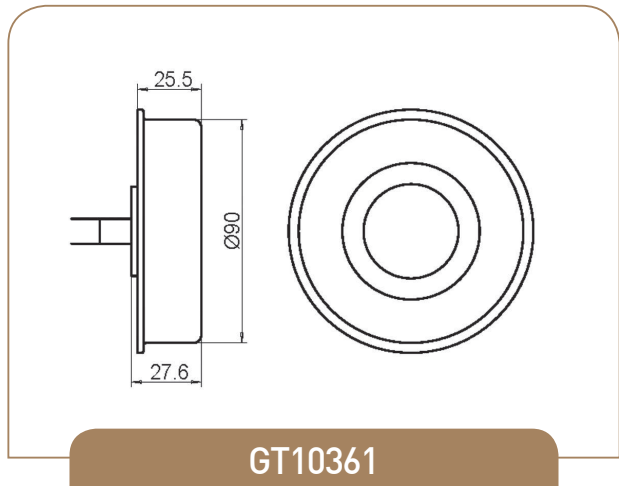
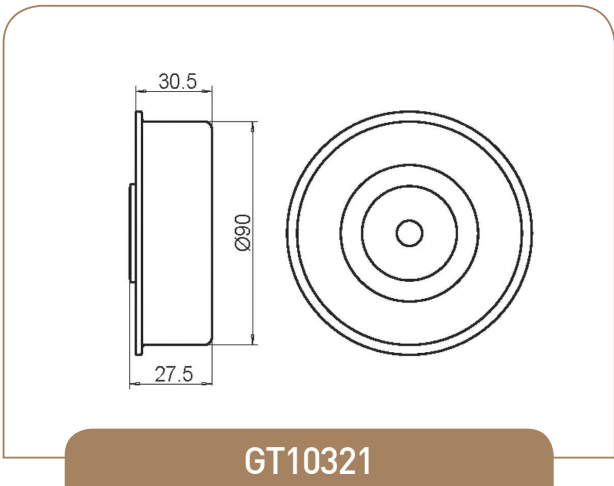
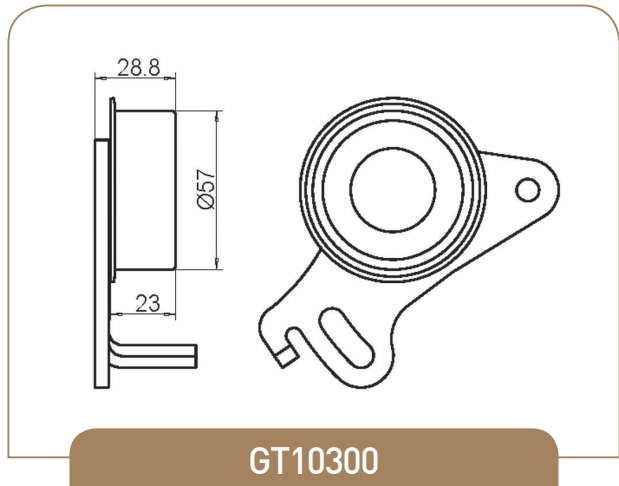
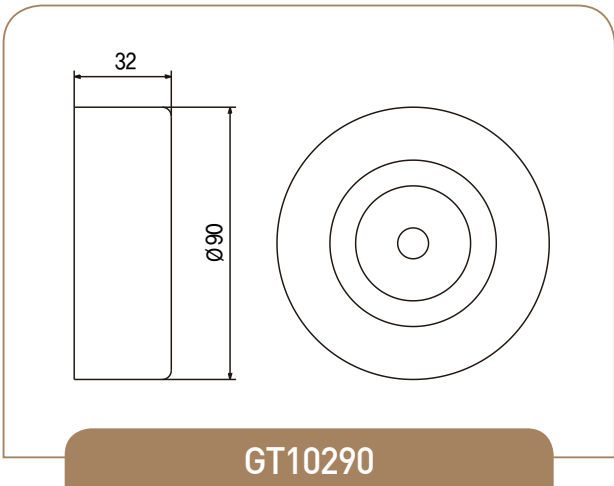
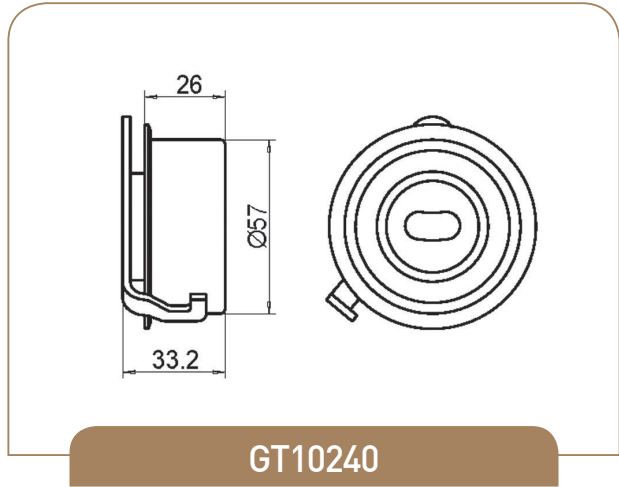
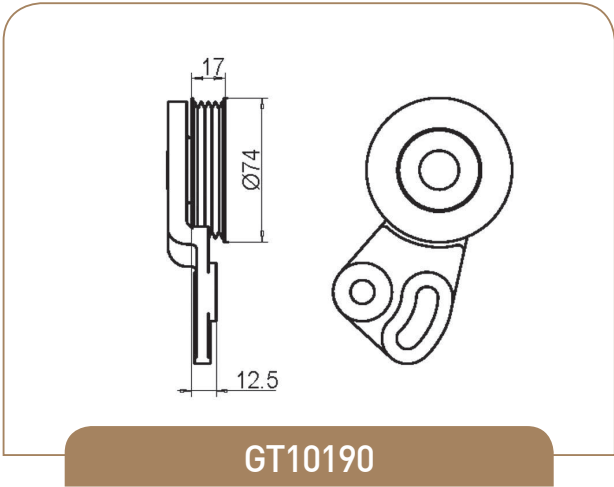


GT10170

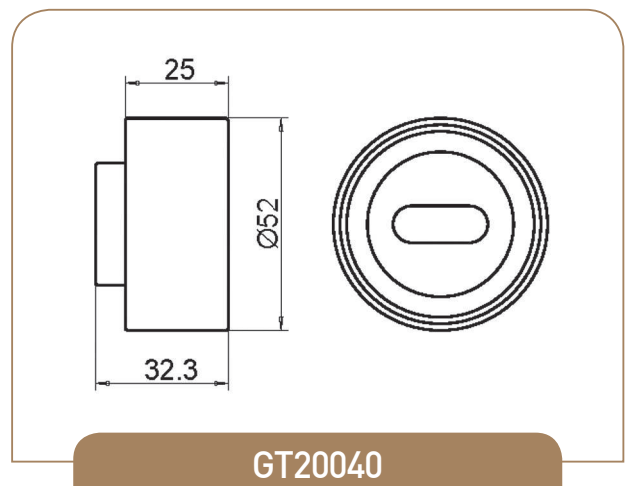
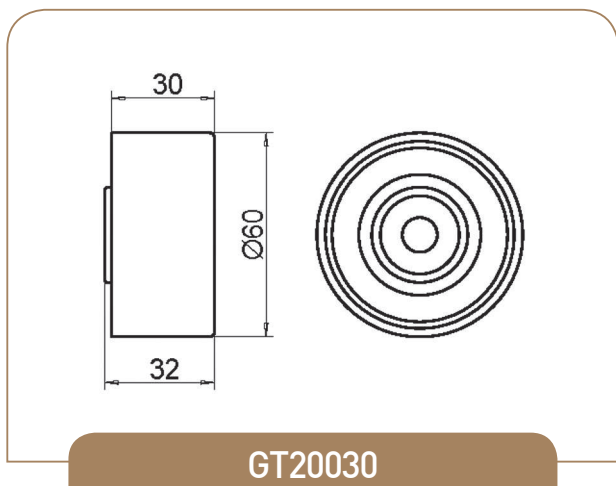
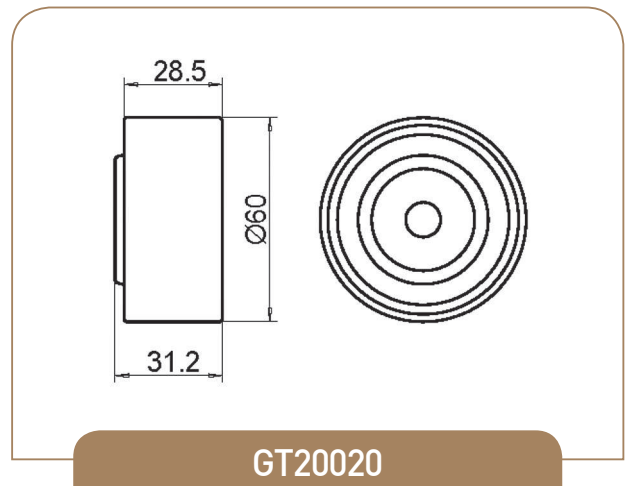
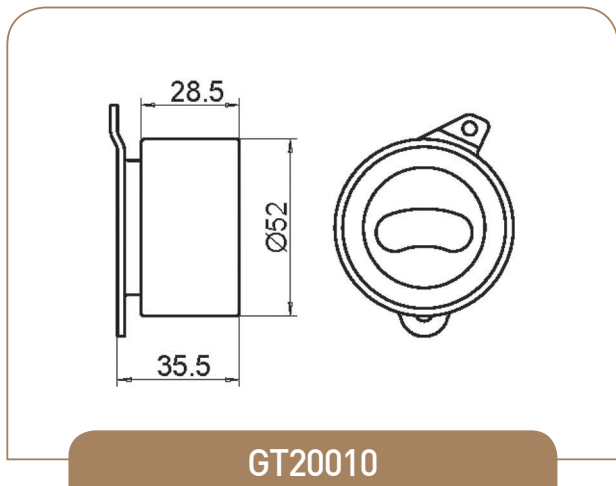
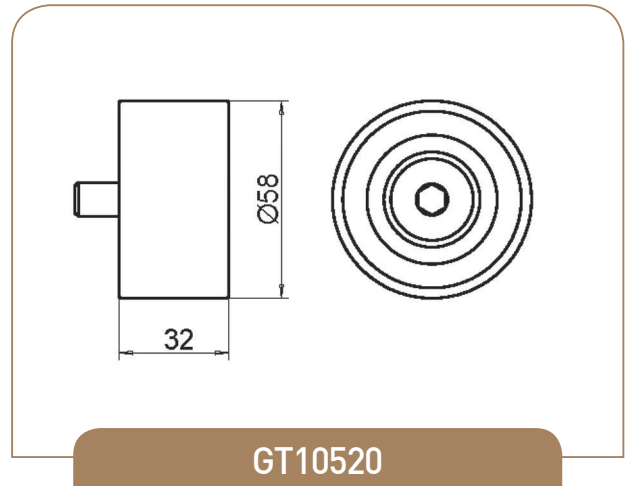
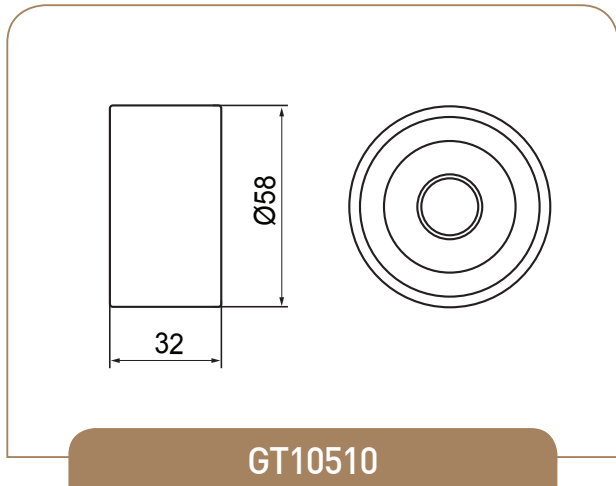


GT10180

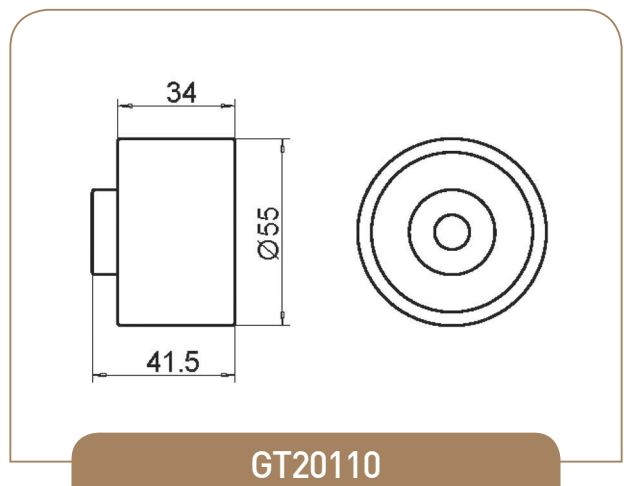
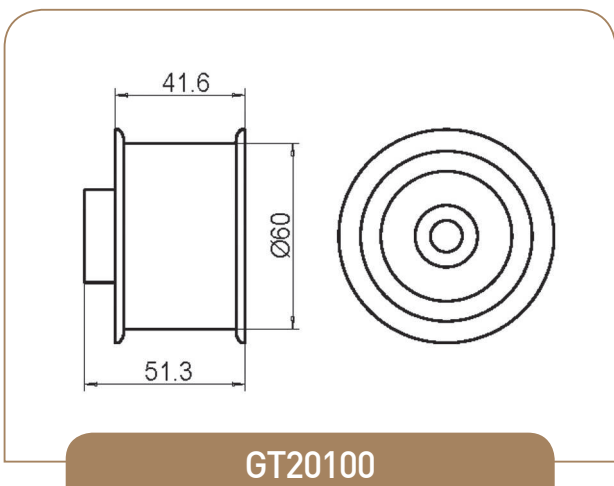
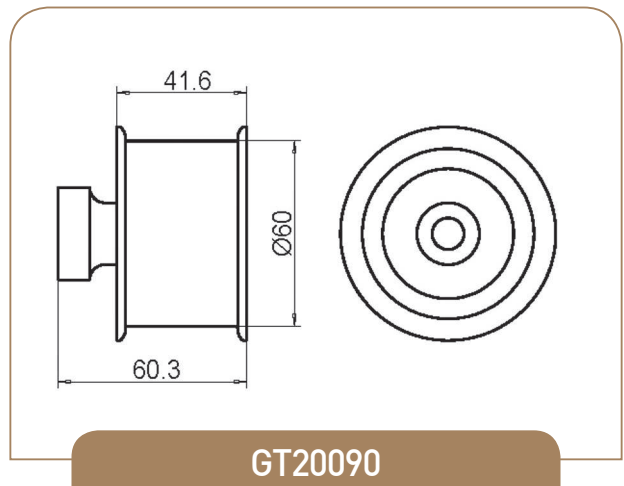
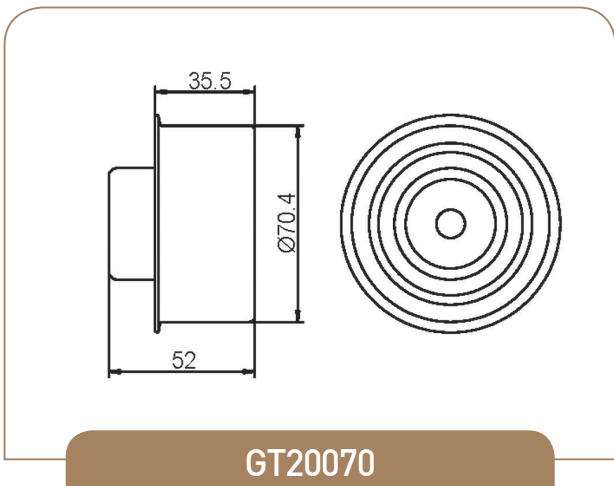
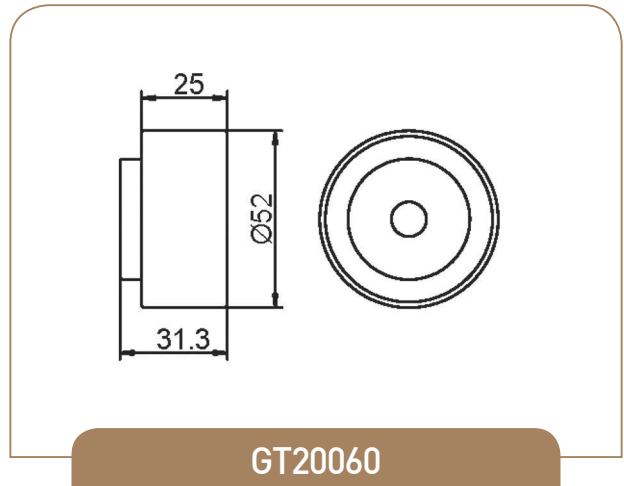
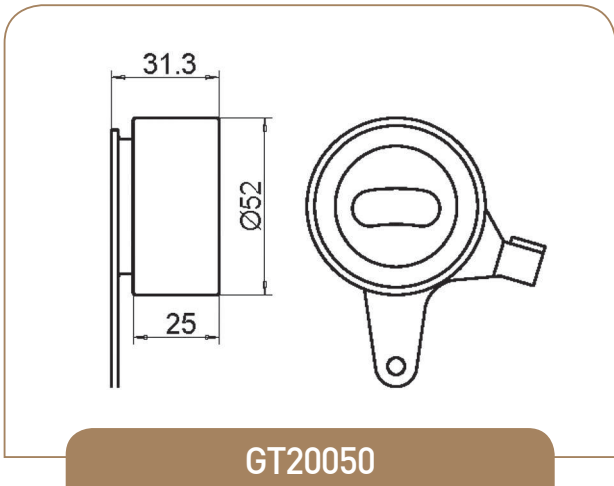
# Brief Drawing

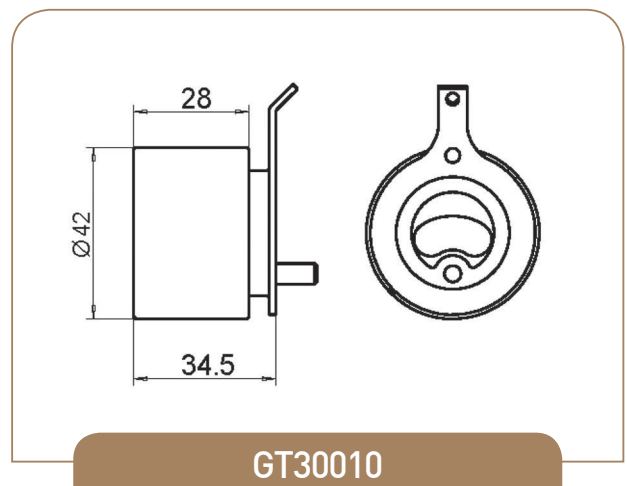
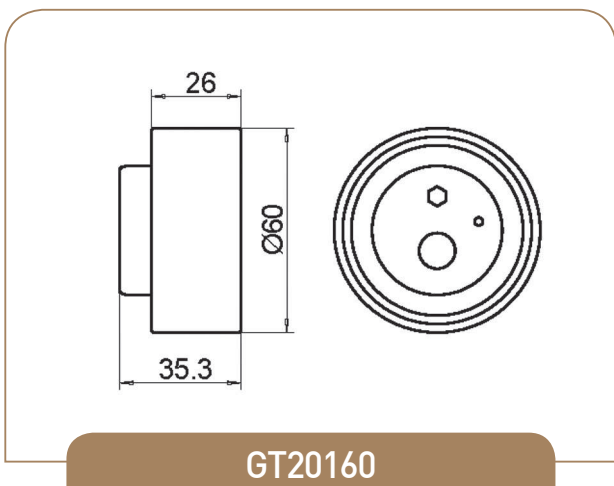
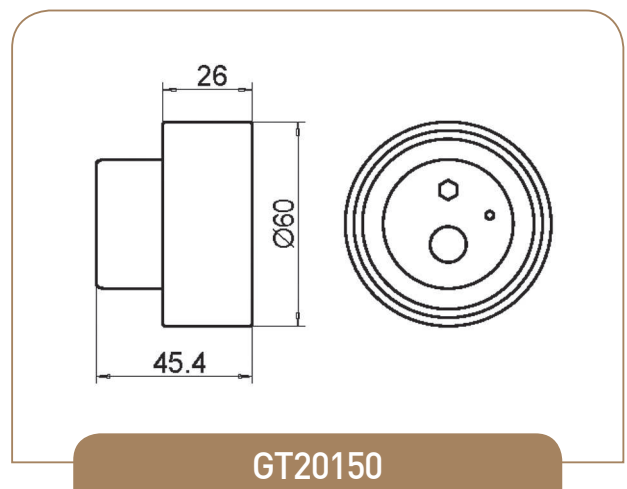
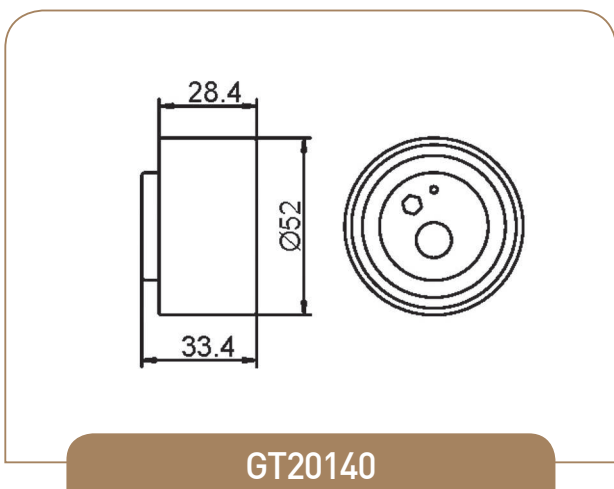
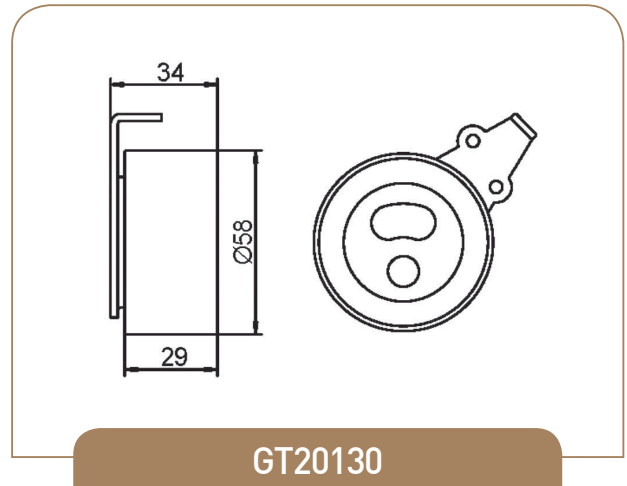
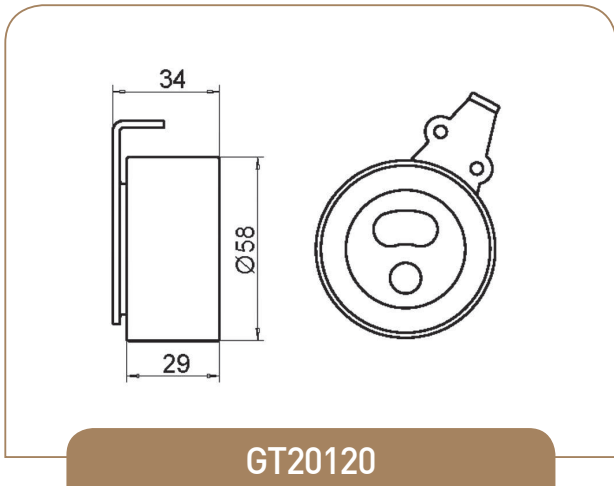




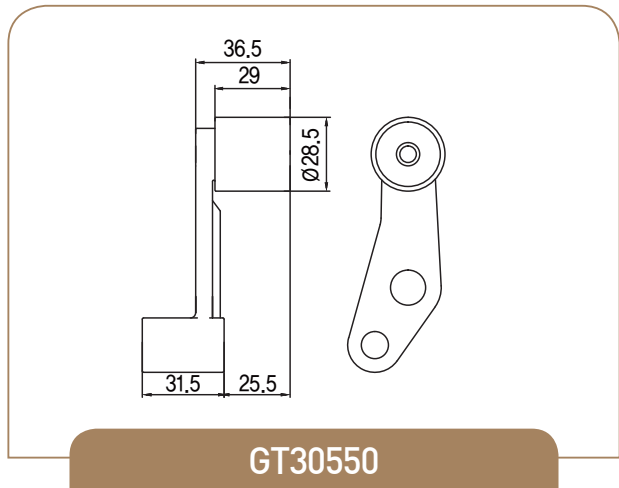
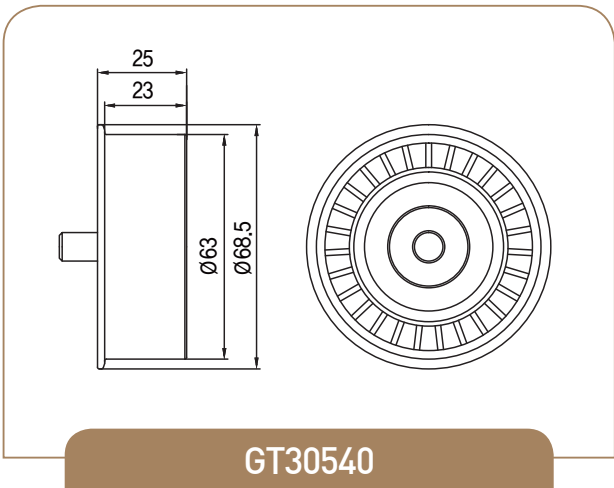
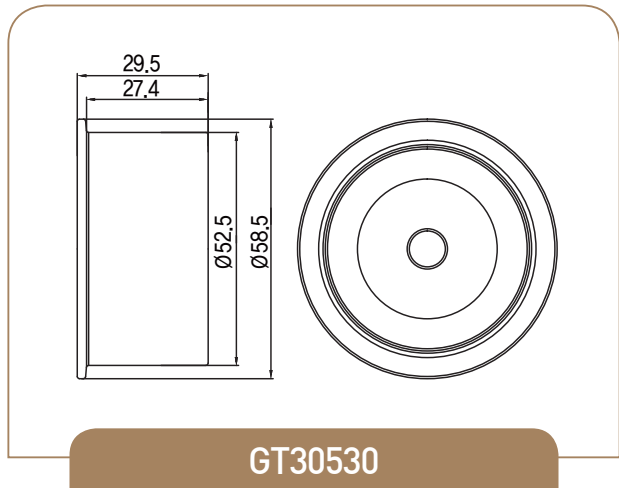
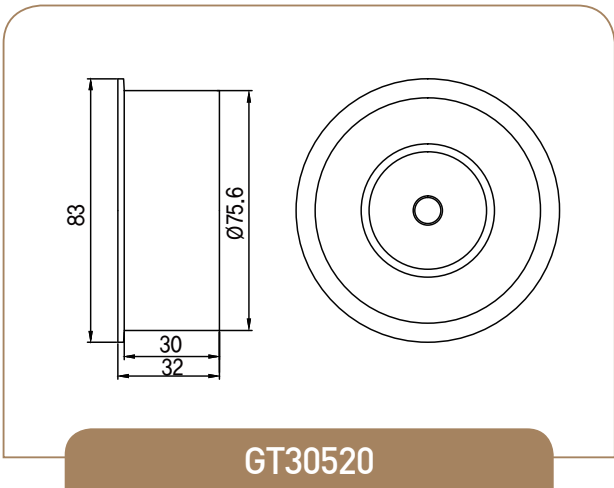
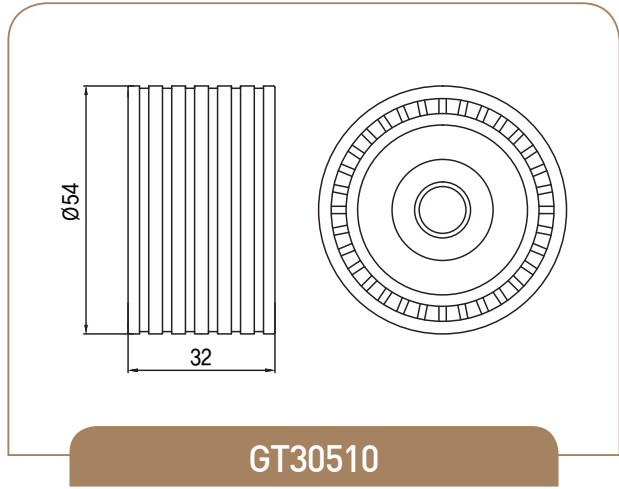
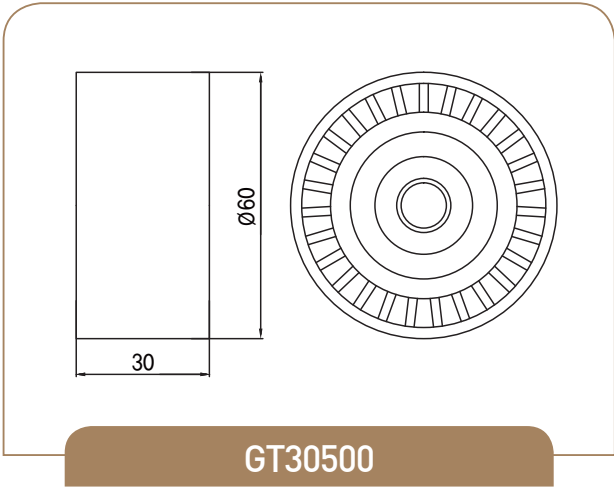


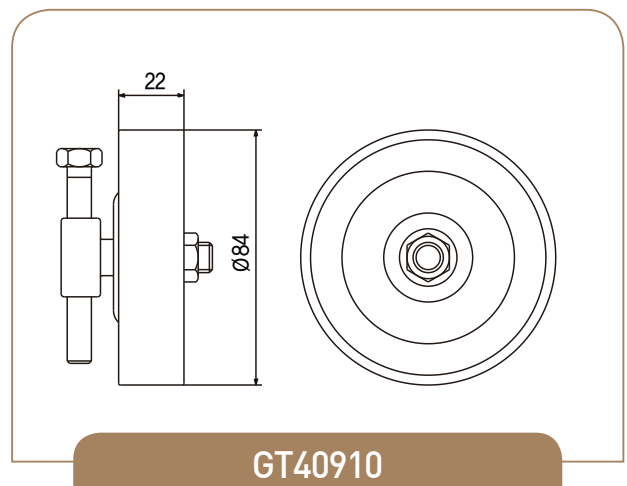
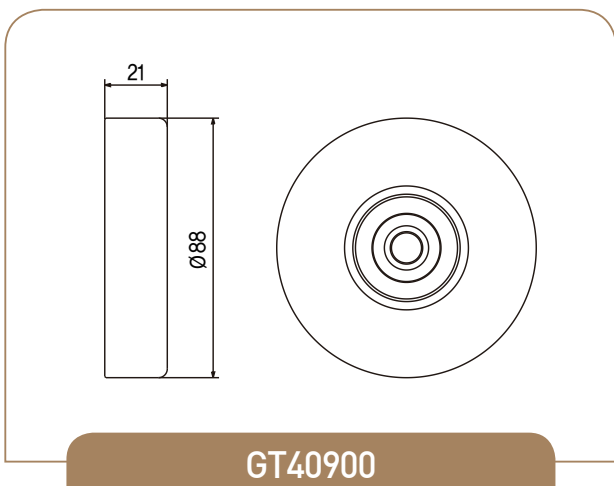
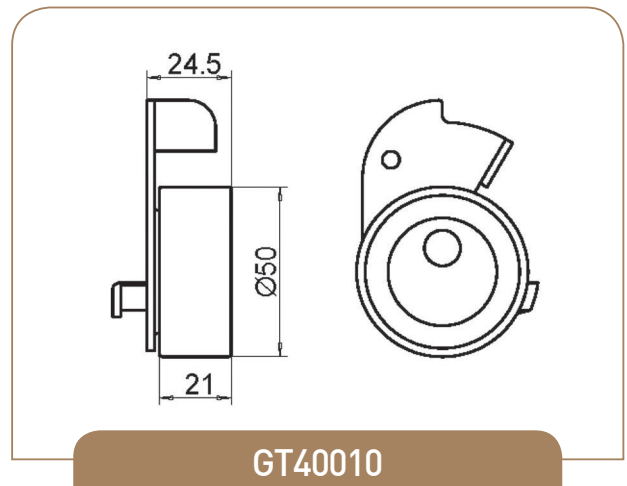
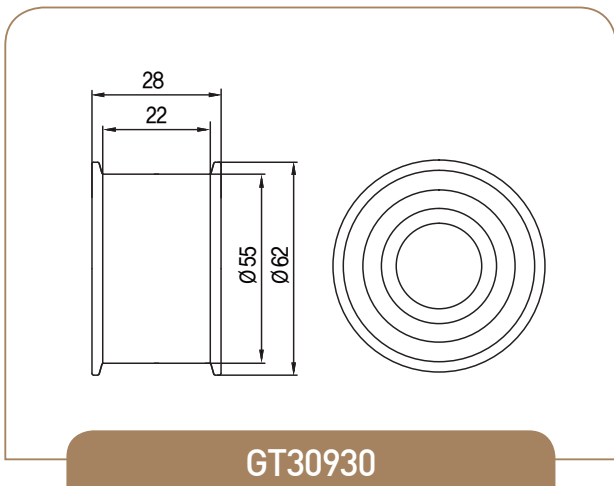
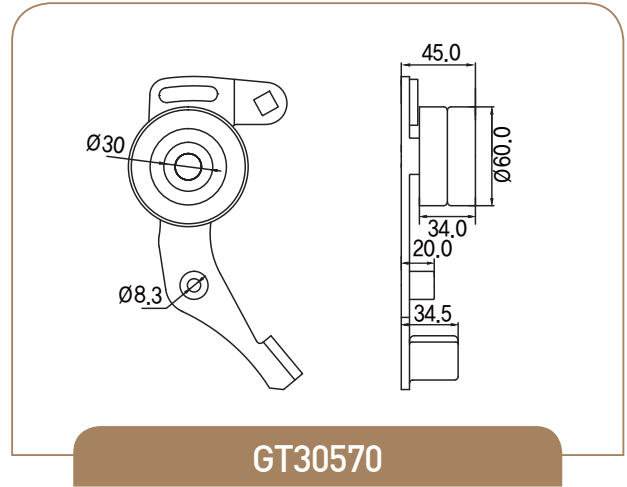
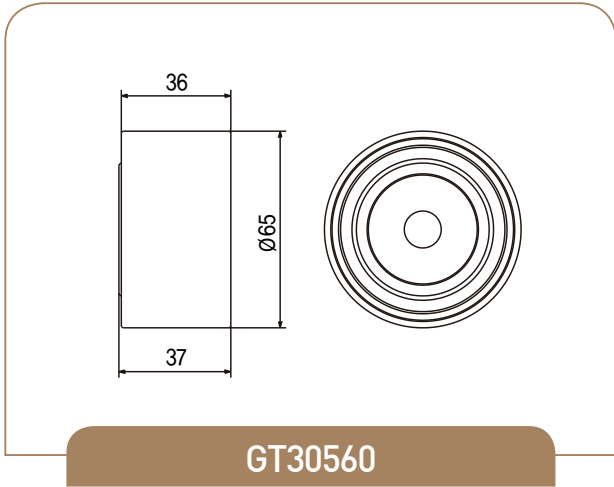
# Brief Drawing



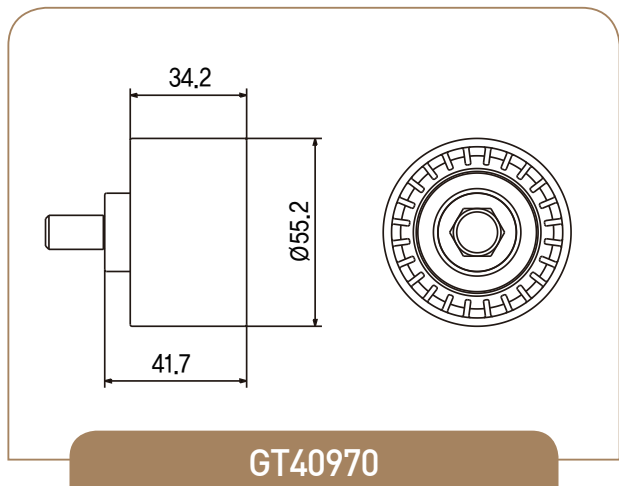
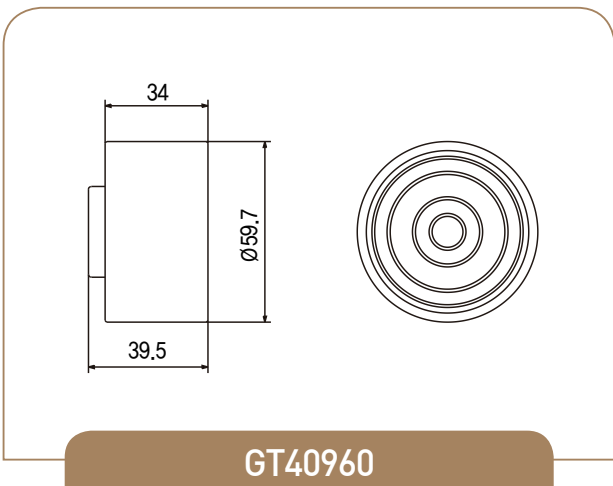
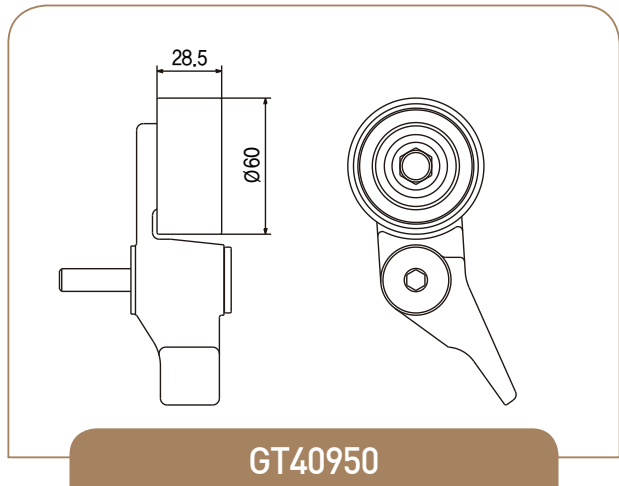
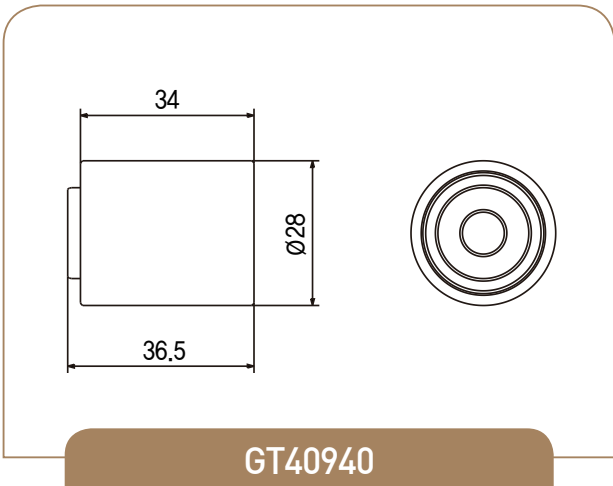
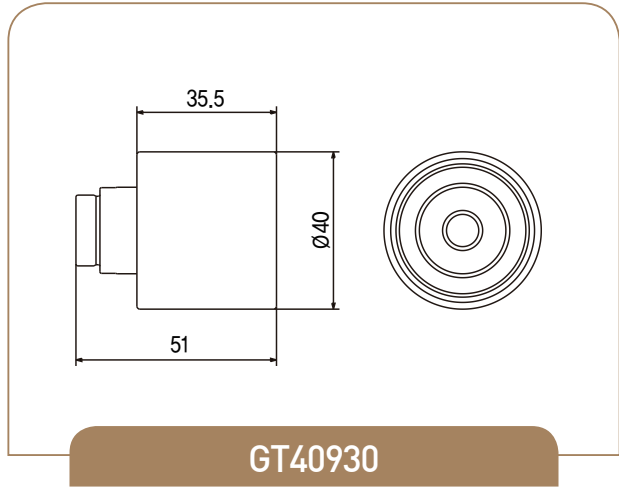
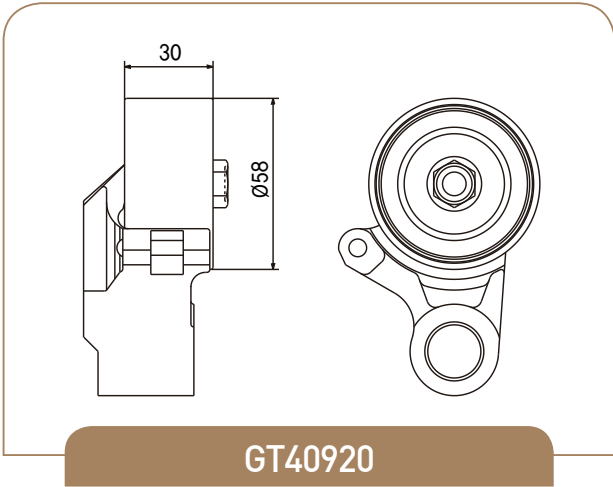


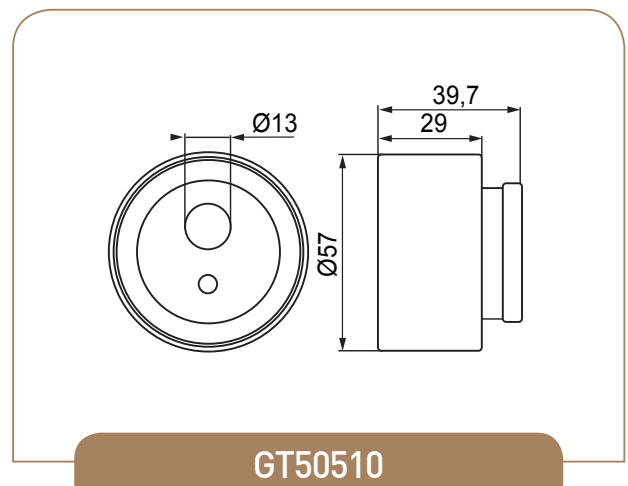
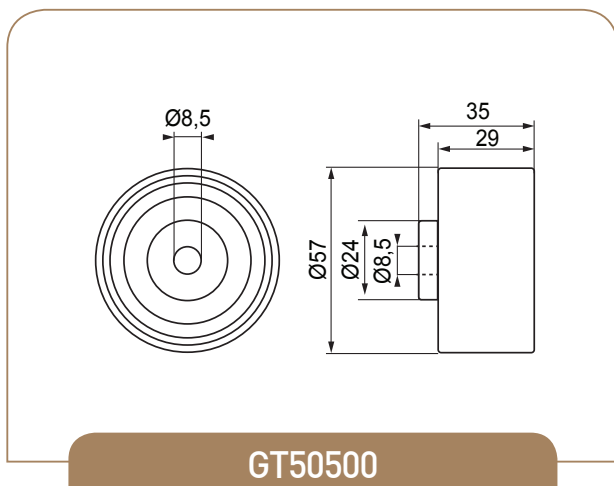
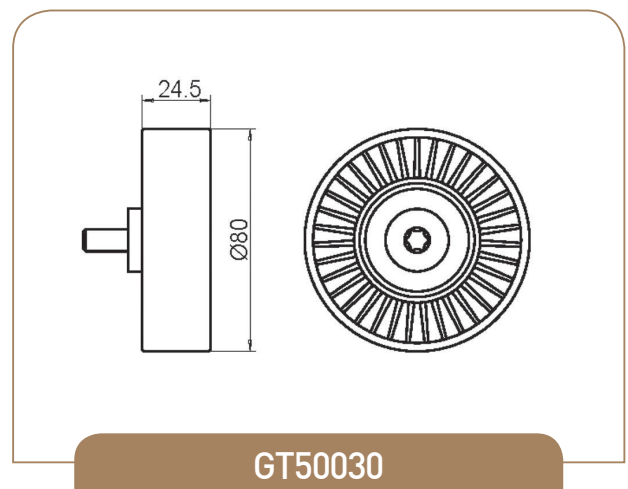
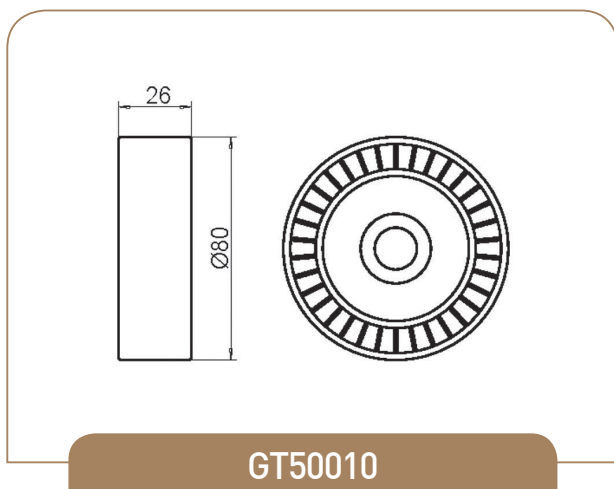
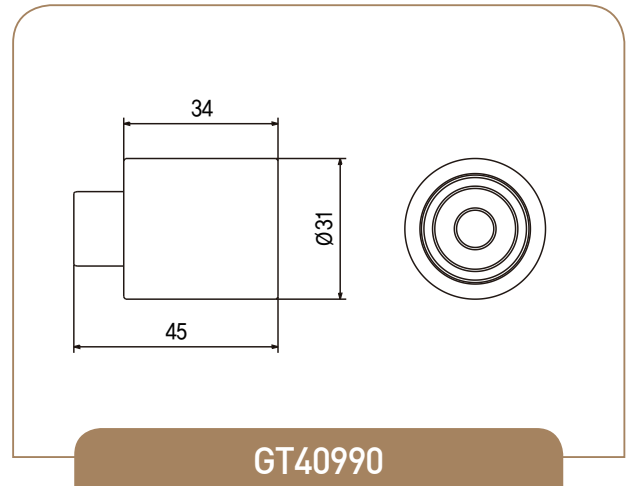
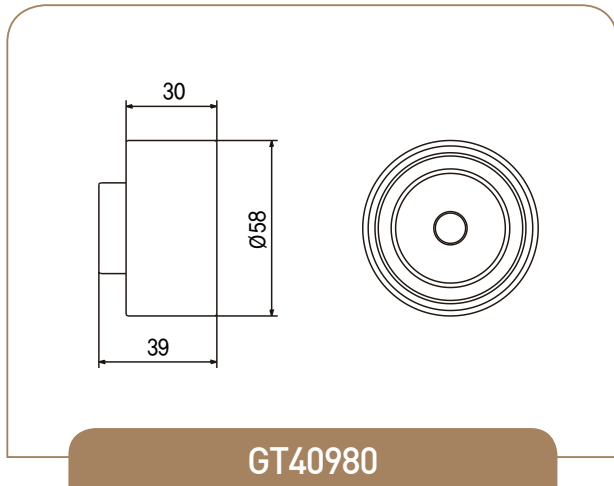
# Brief Drawing



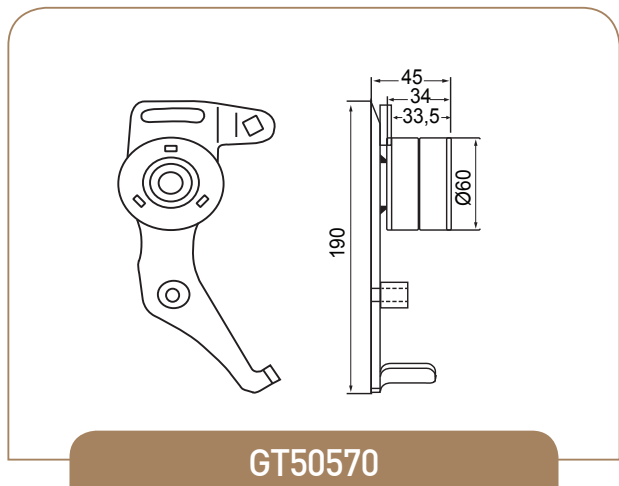
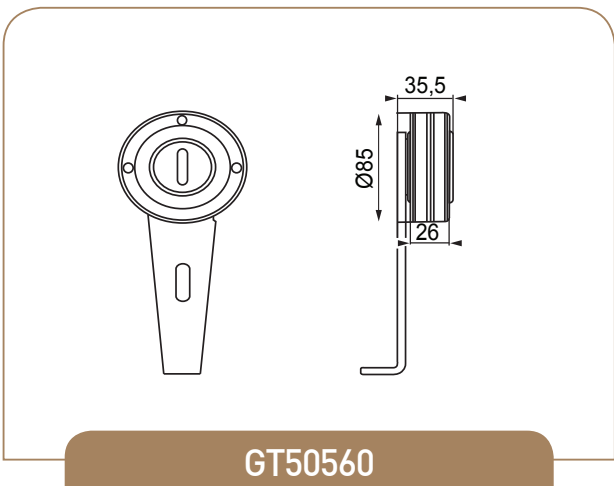
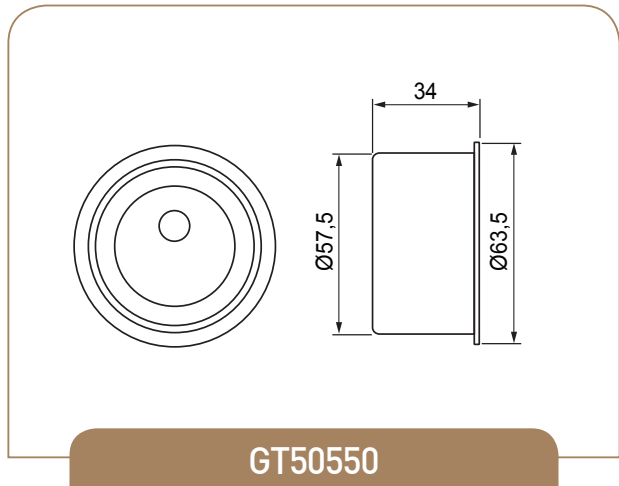
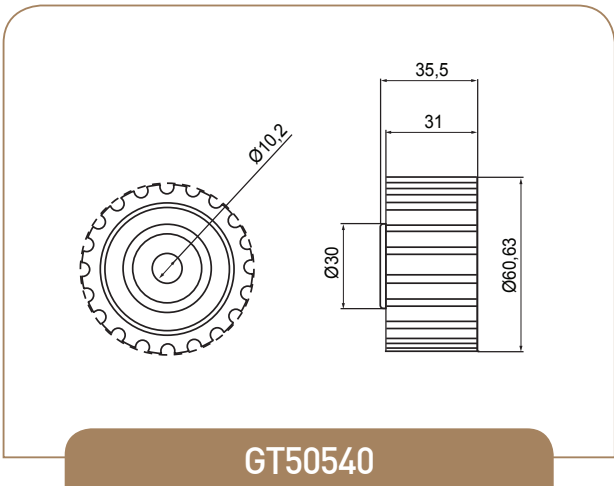
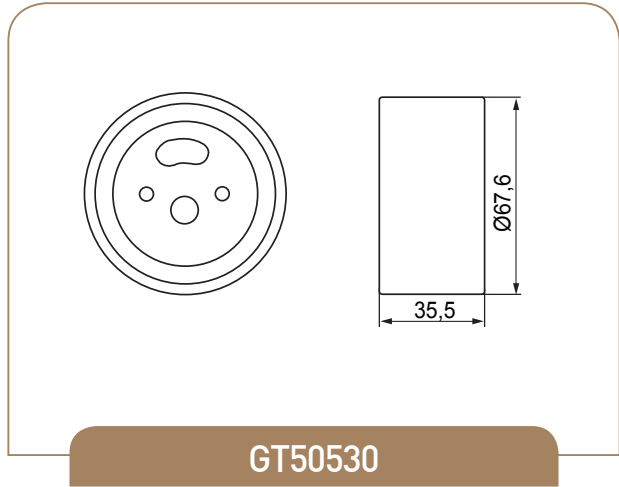
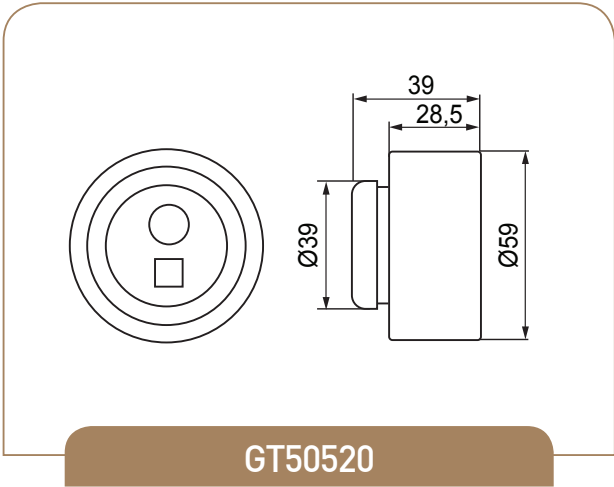


# Brief Drawing

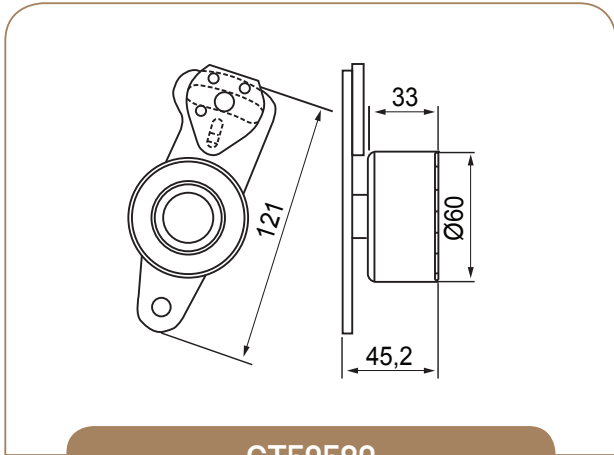




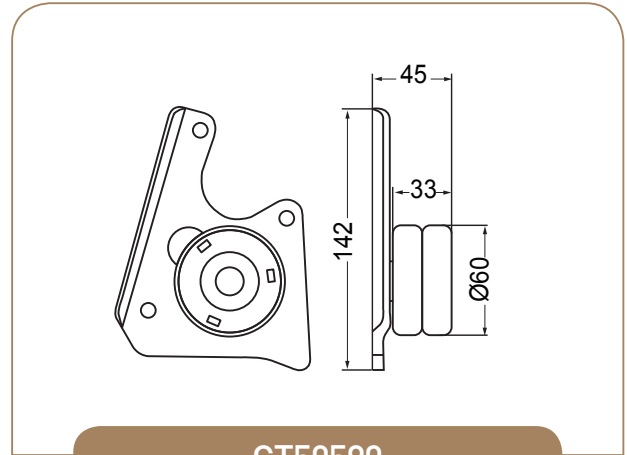
# Brief Drawing



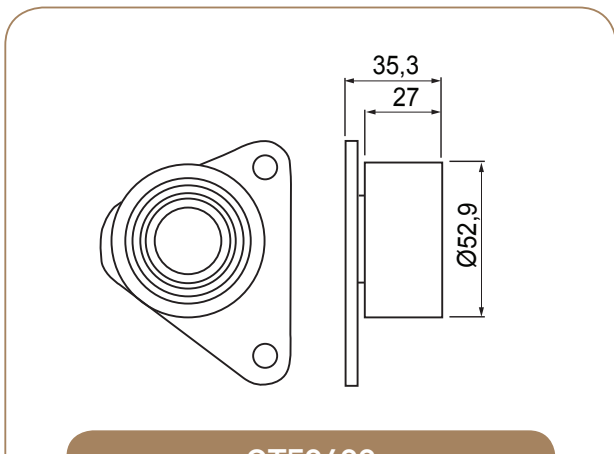




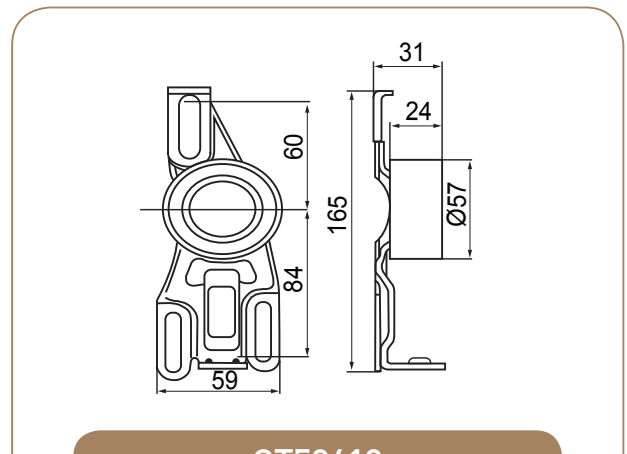
GT50580



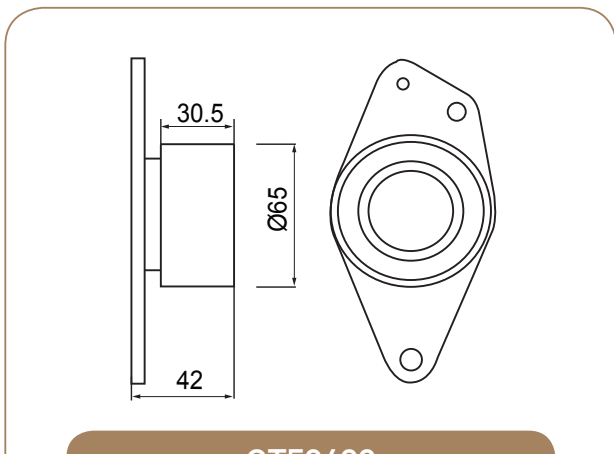
GT50590



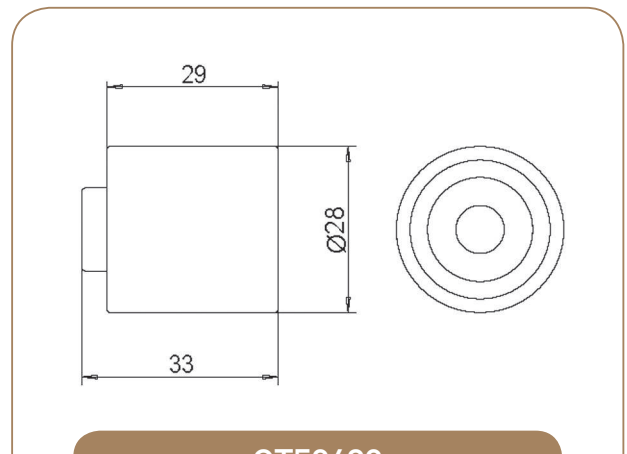
GT50600



GT50610

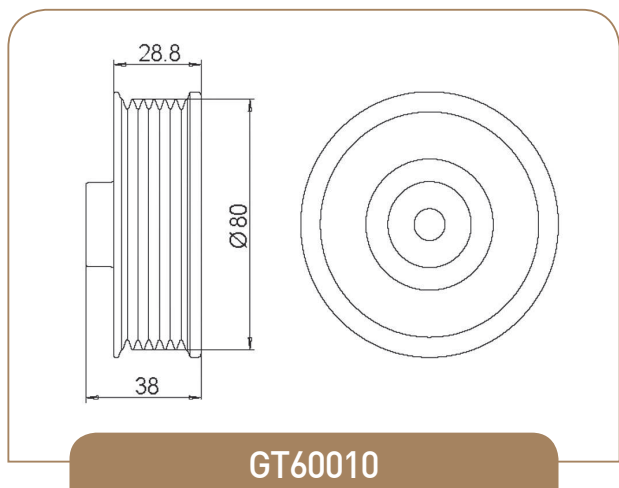
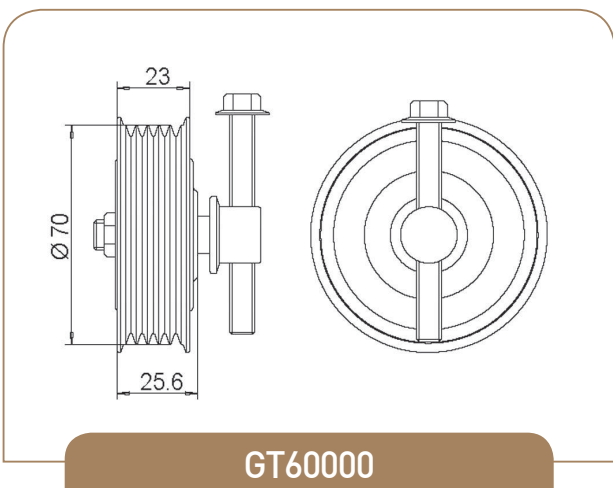
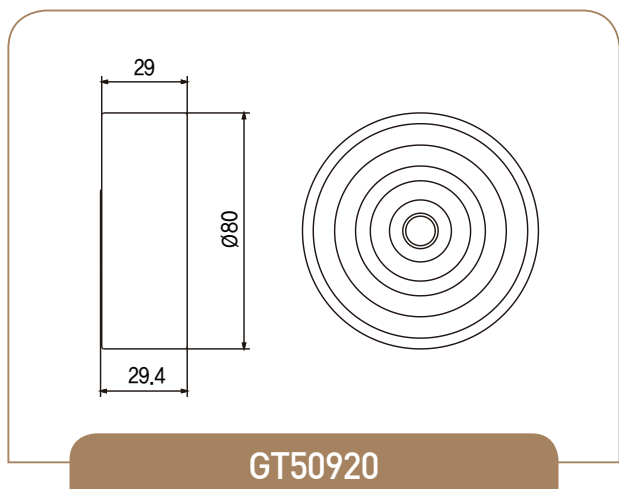
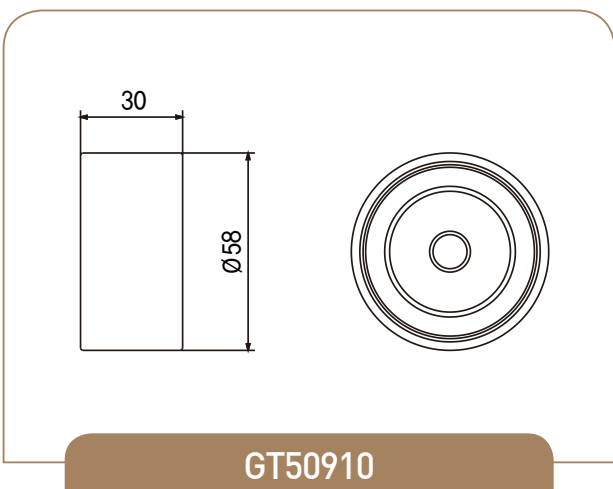
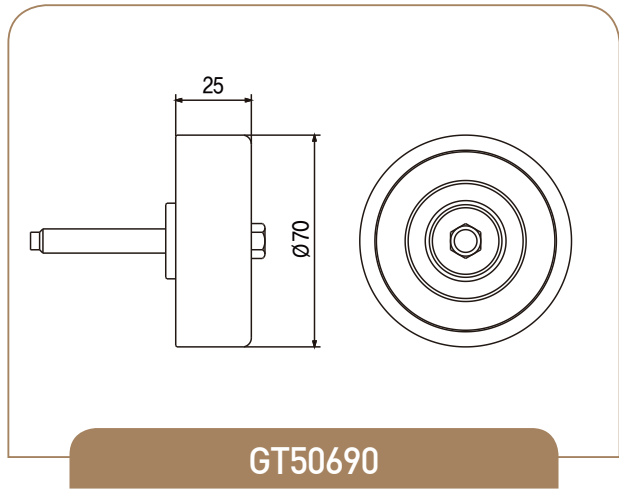
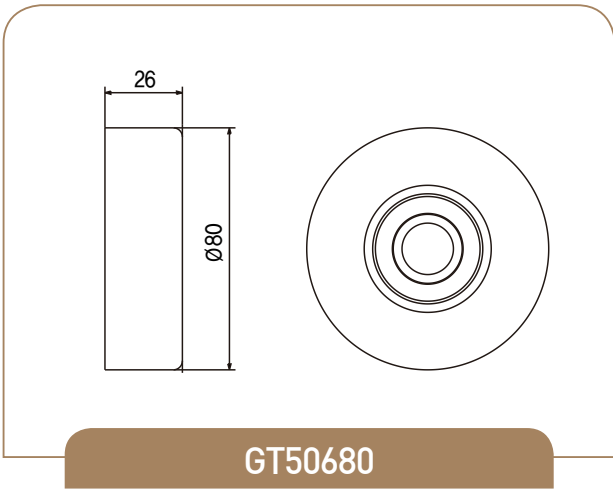


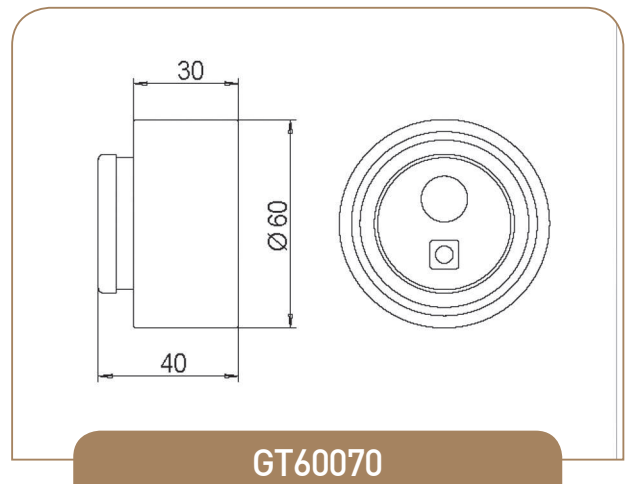
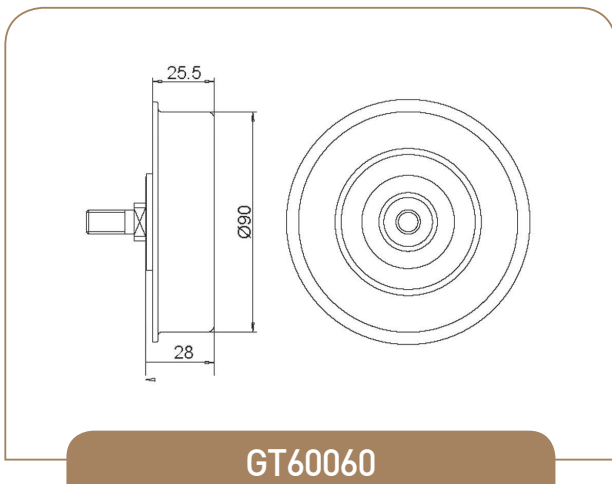
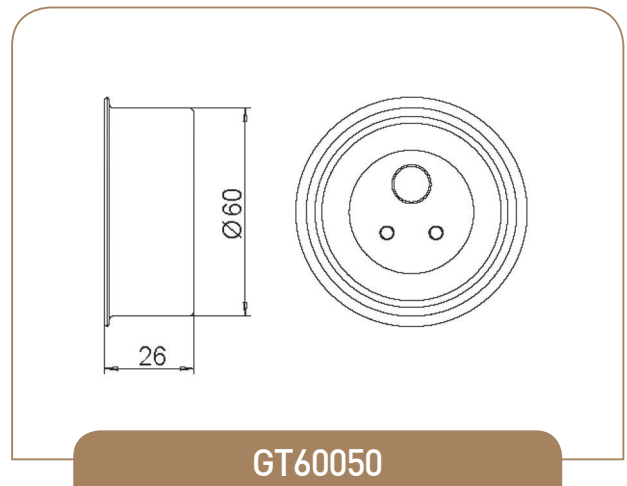
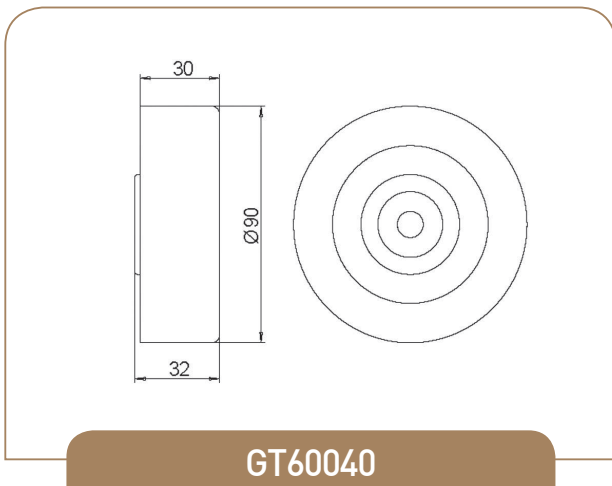
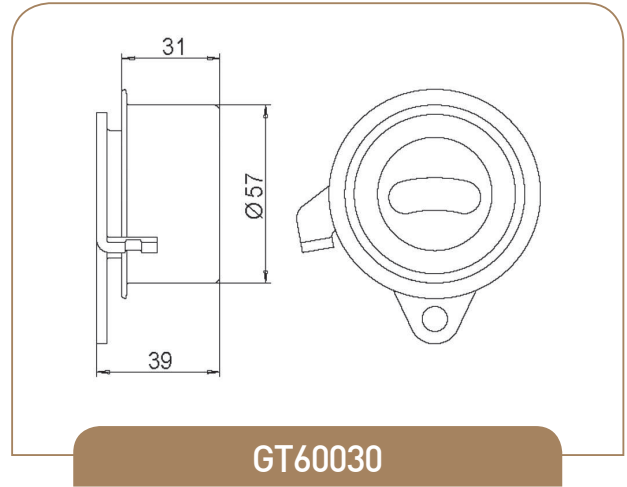
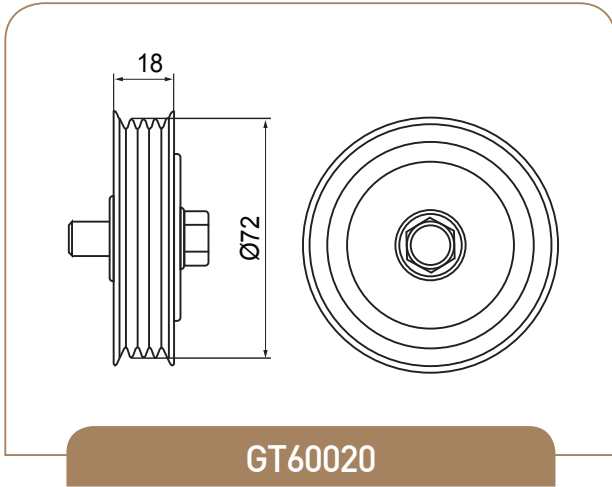
GT50620



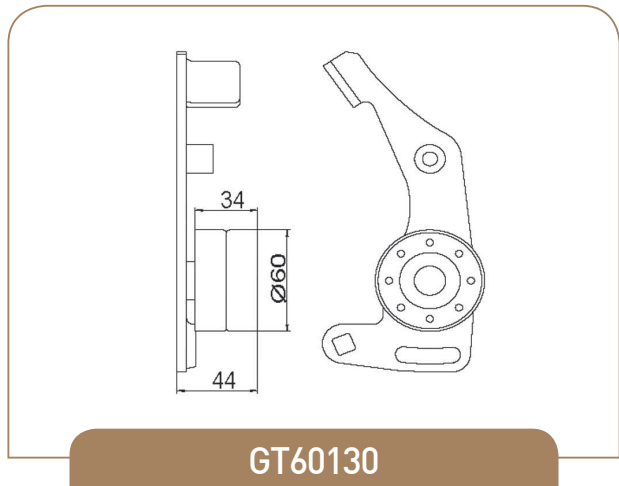
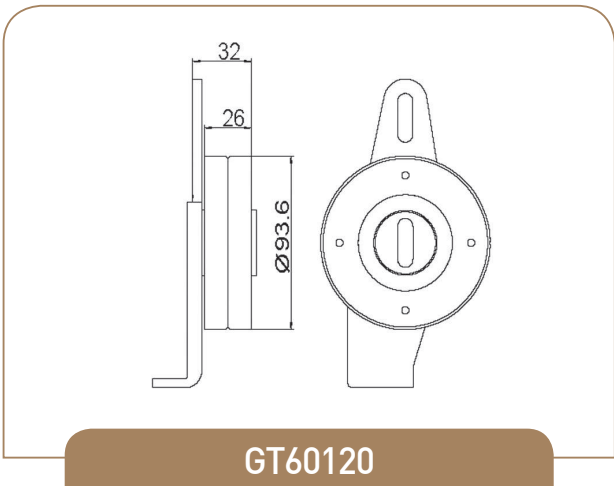
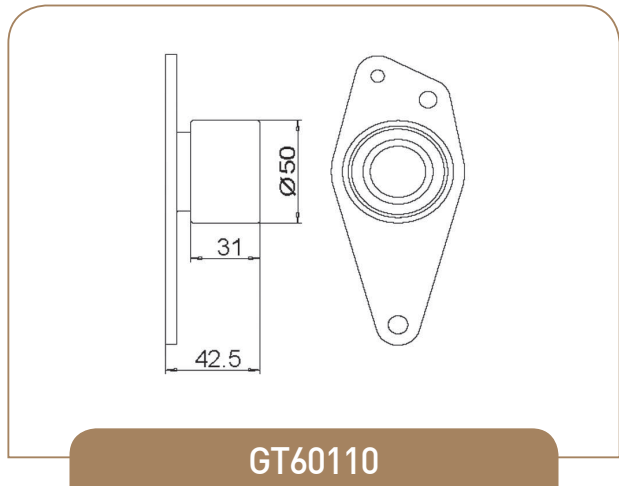
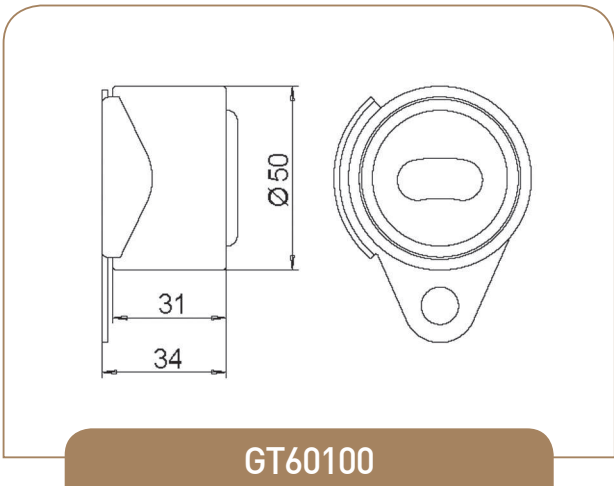
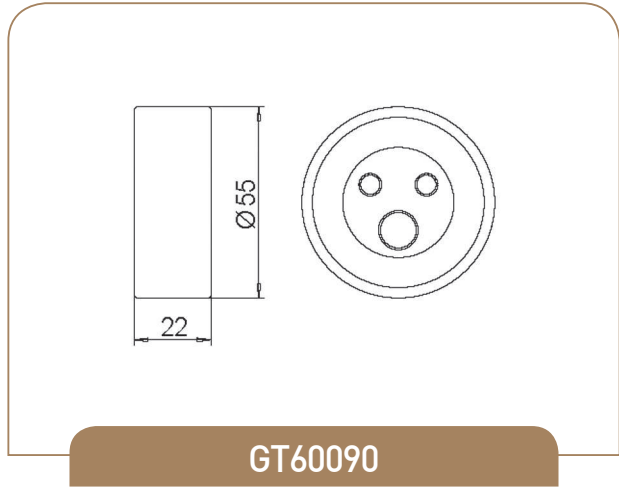
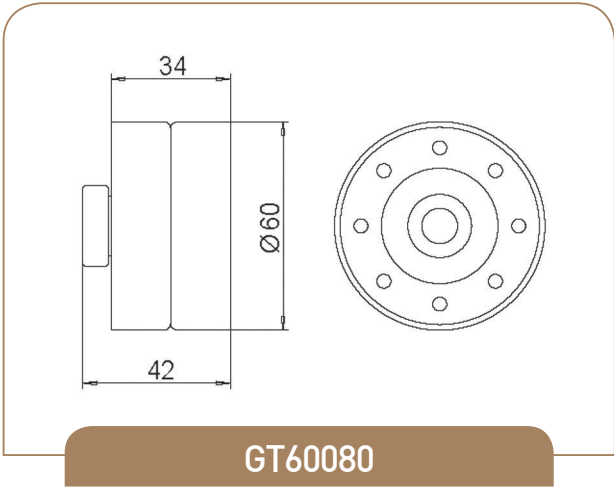
GT50630

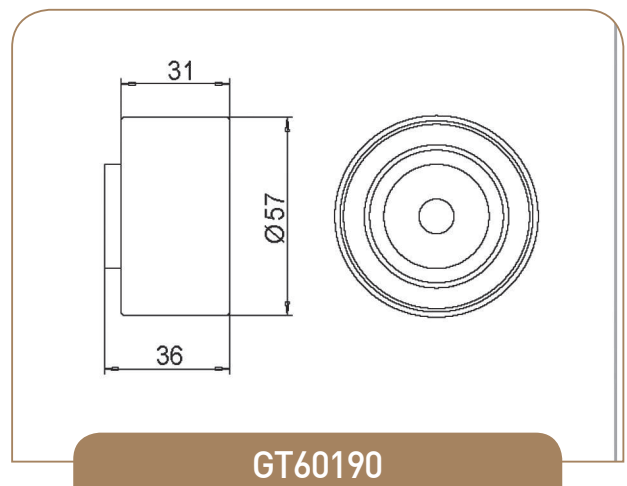
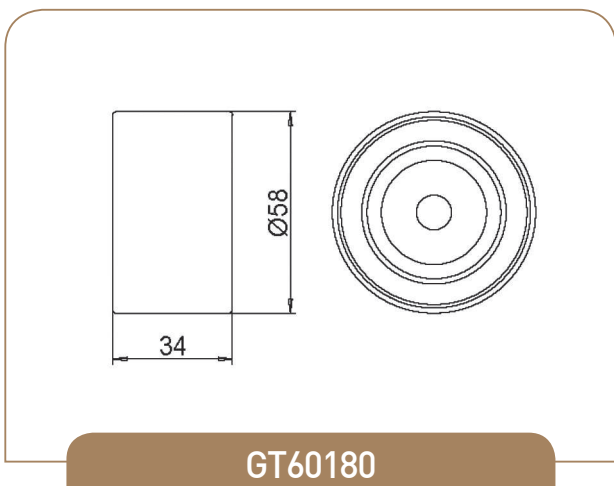
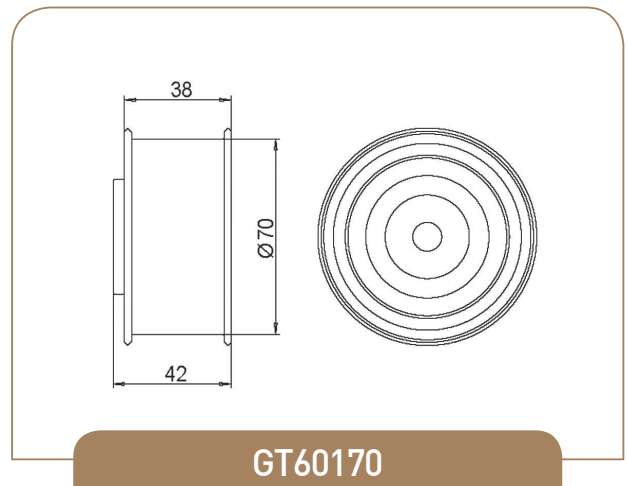
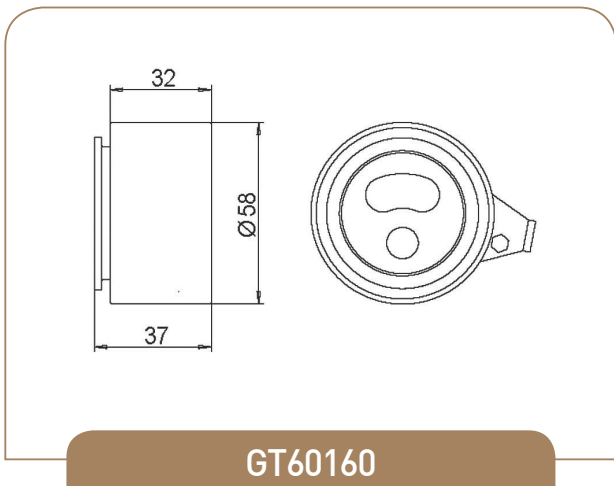
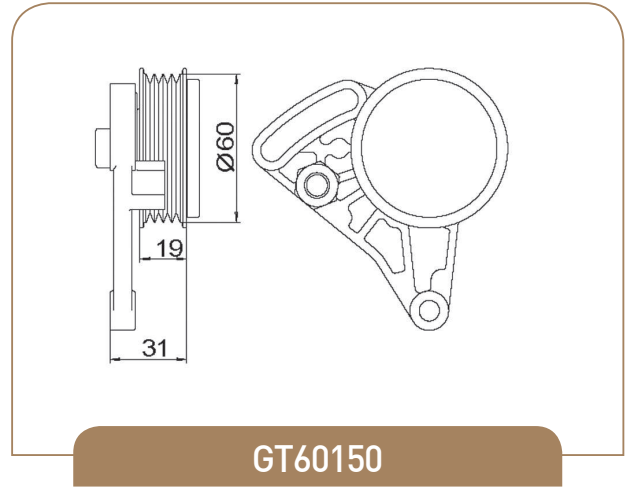
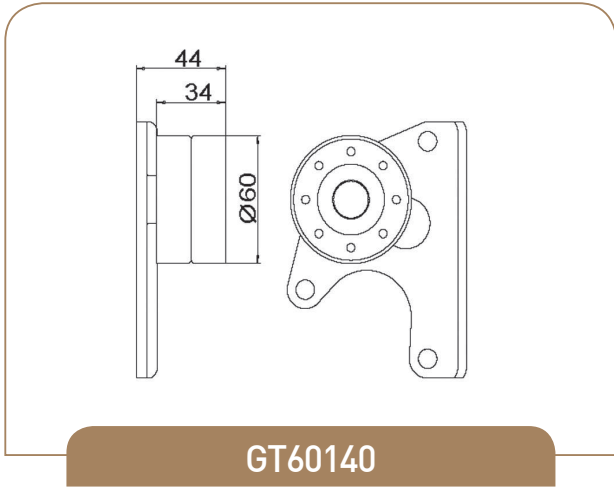
# Brief Drawing



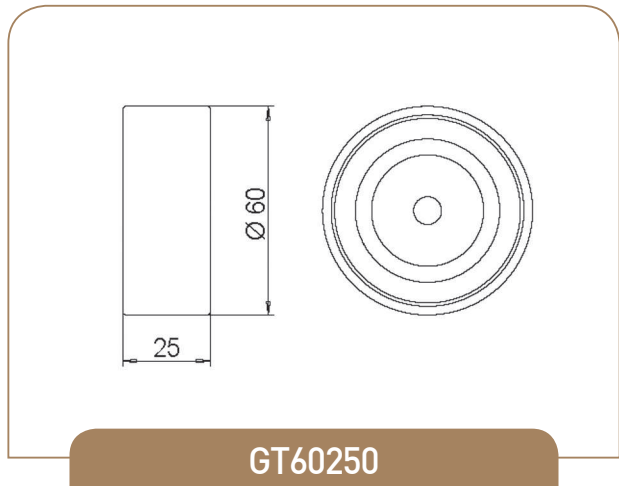
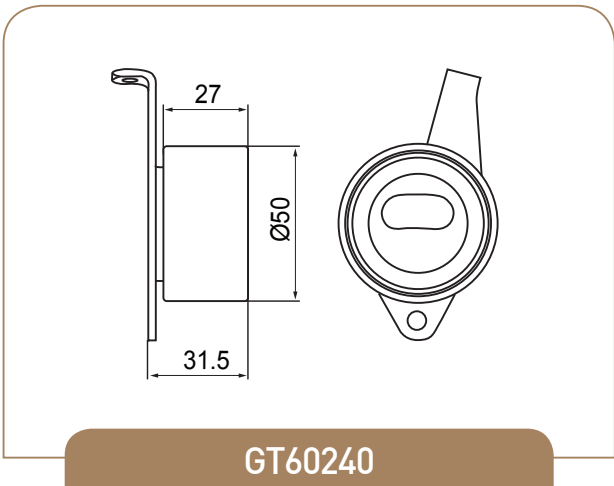
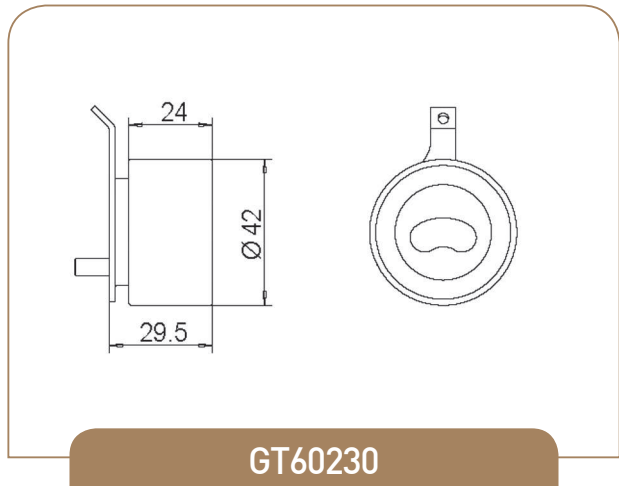
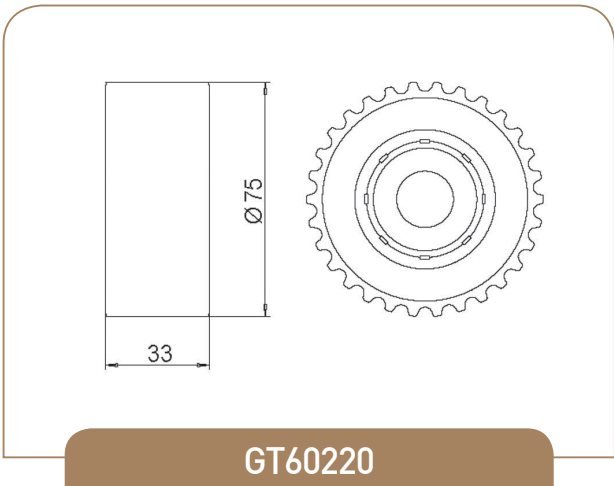
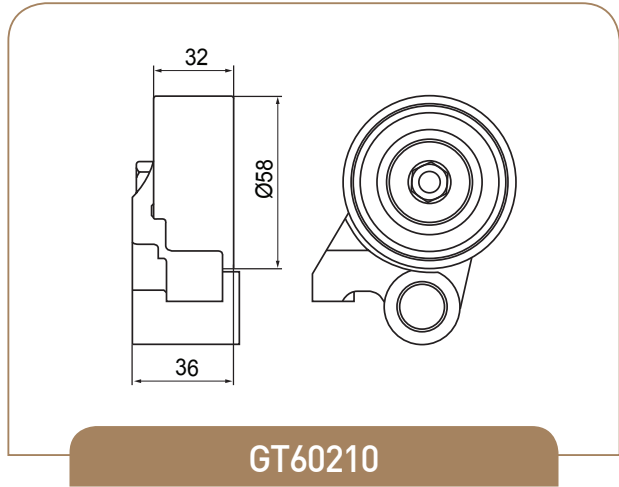
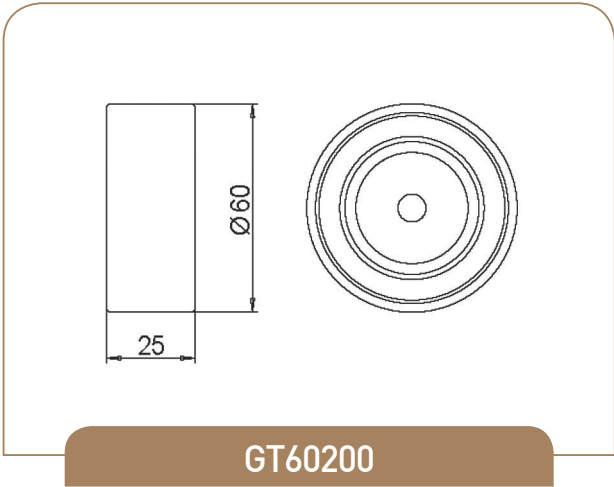


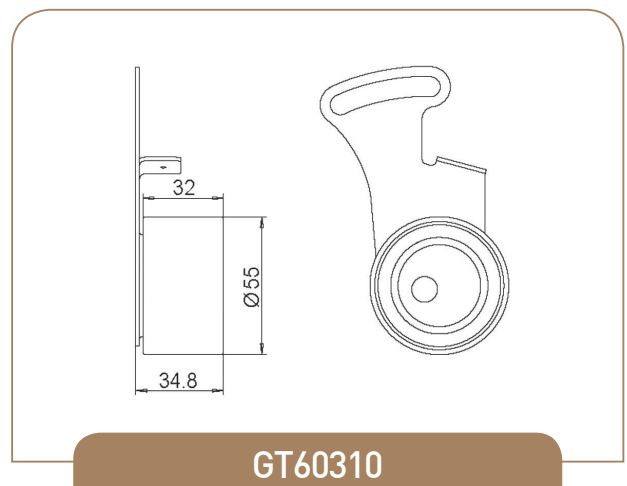
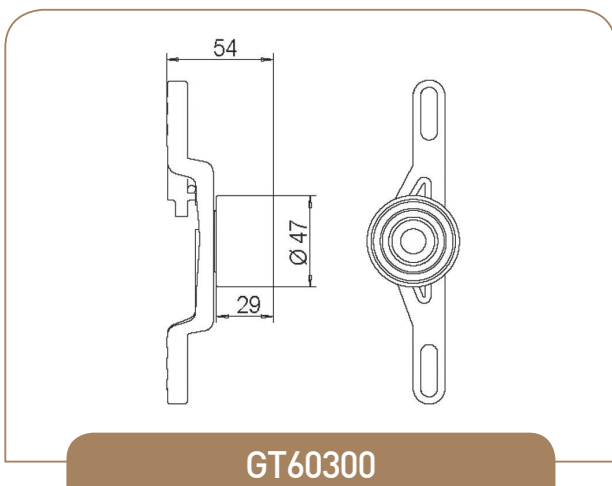
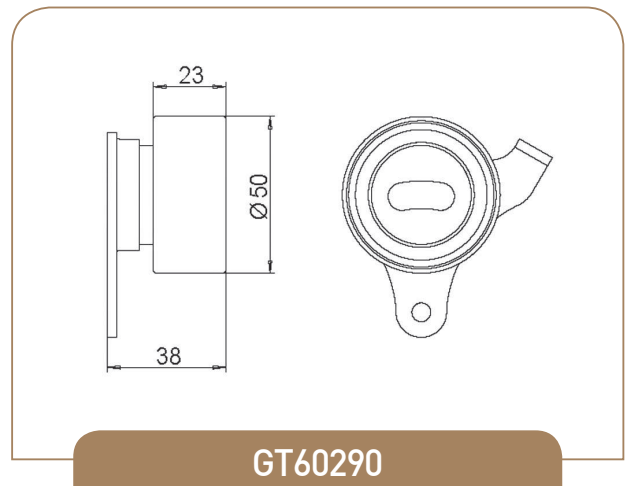
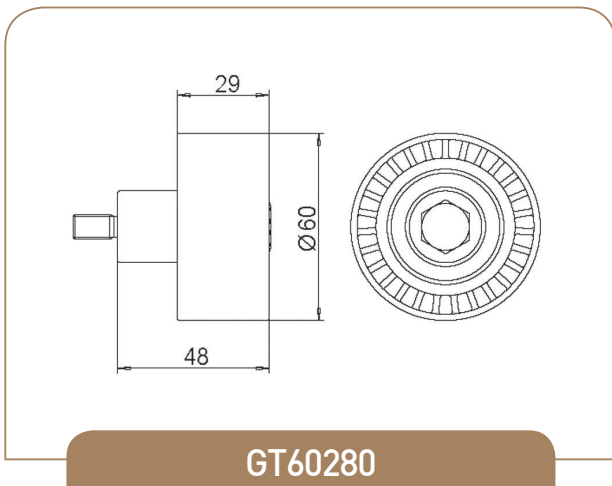
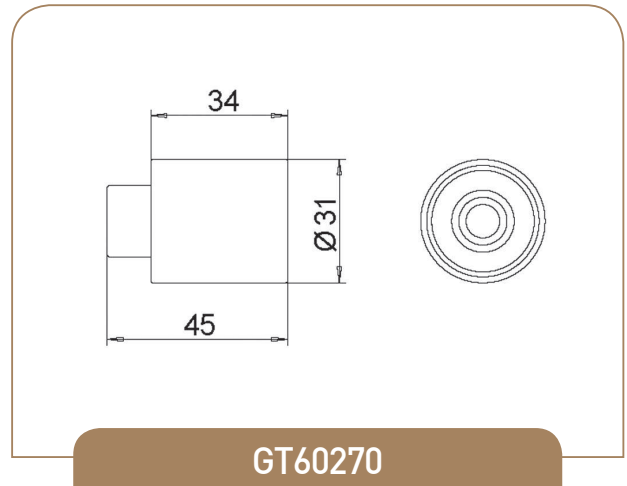
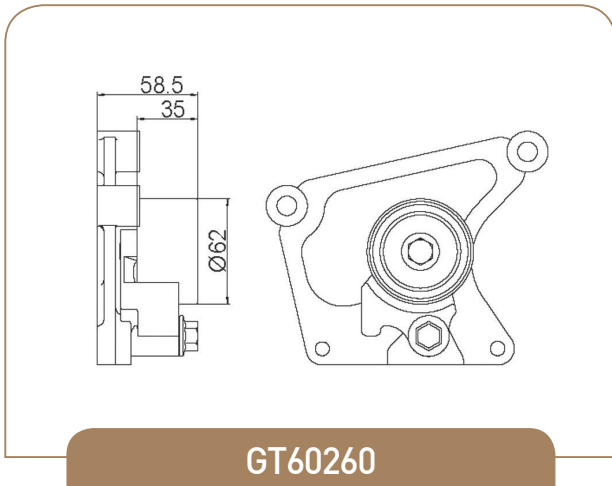
# Brief Drawing



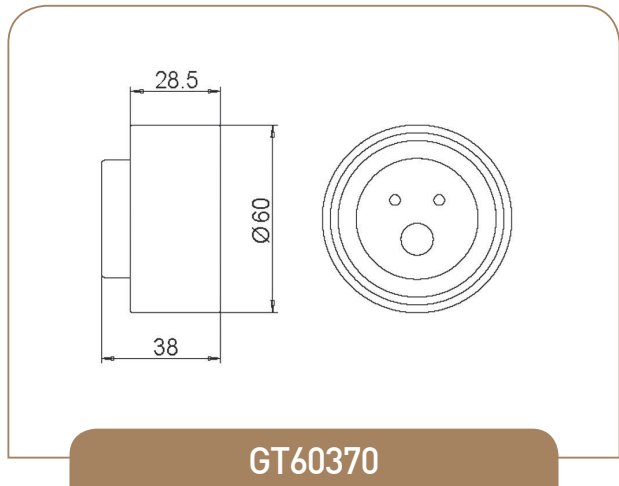
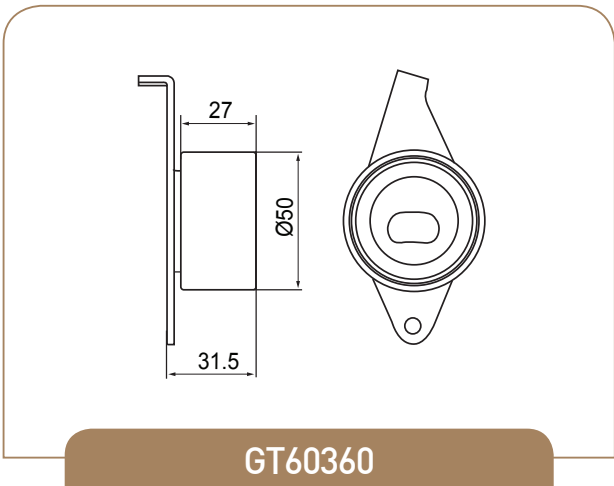
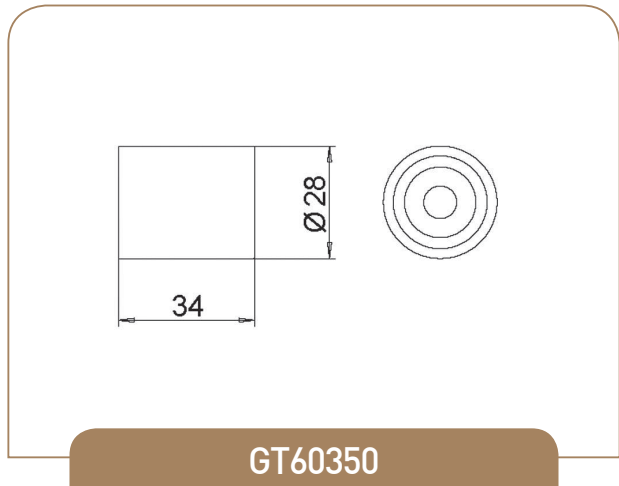
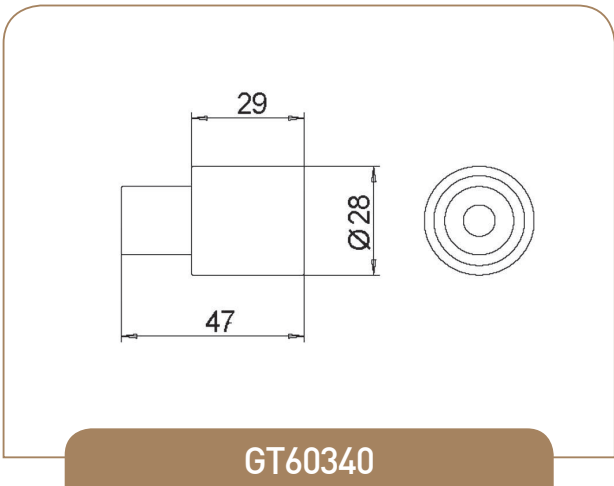
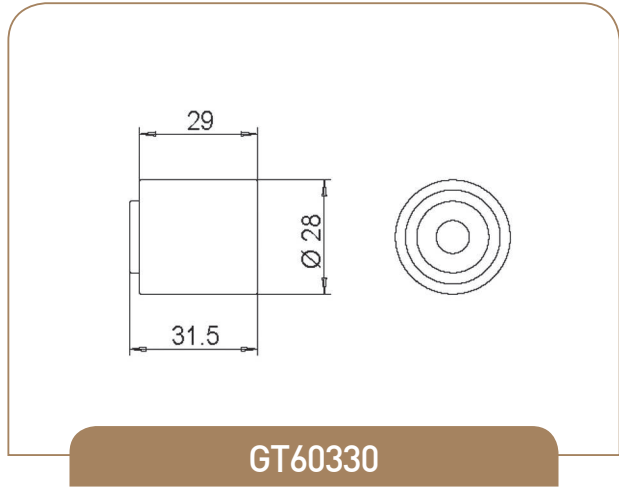
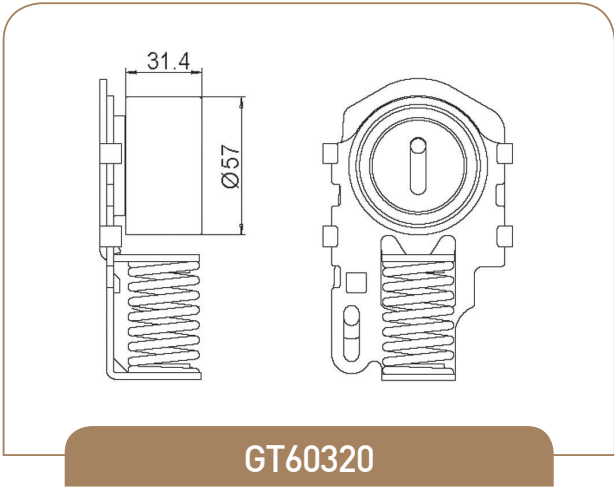


# Brief Drawing

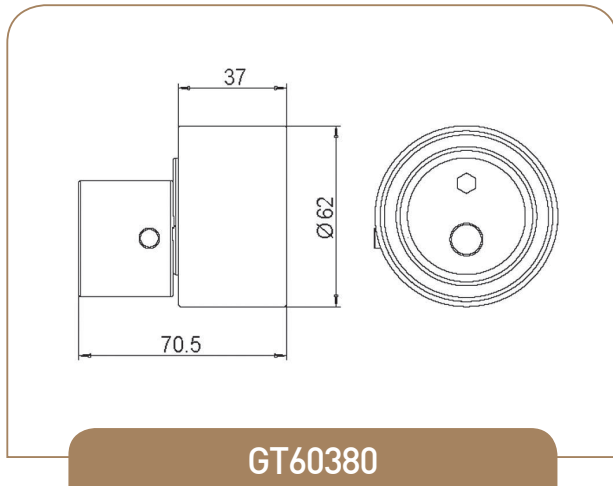




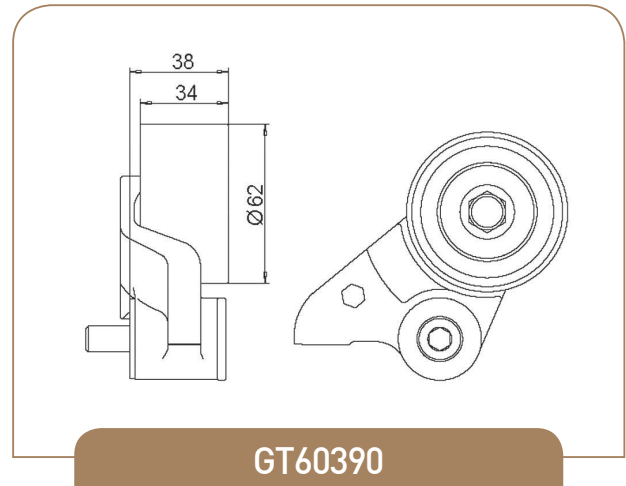
# Brief Drawing



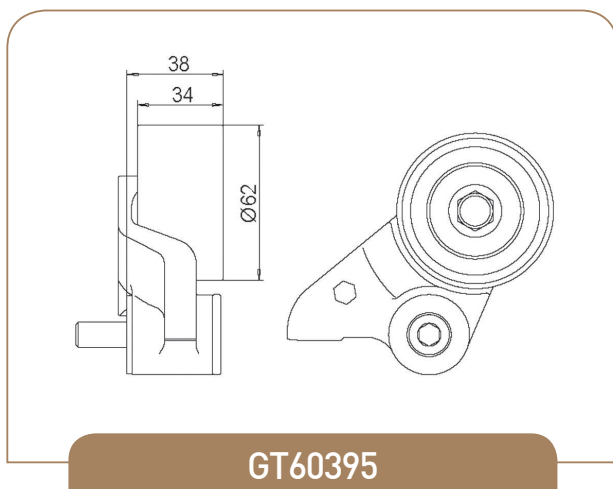




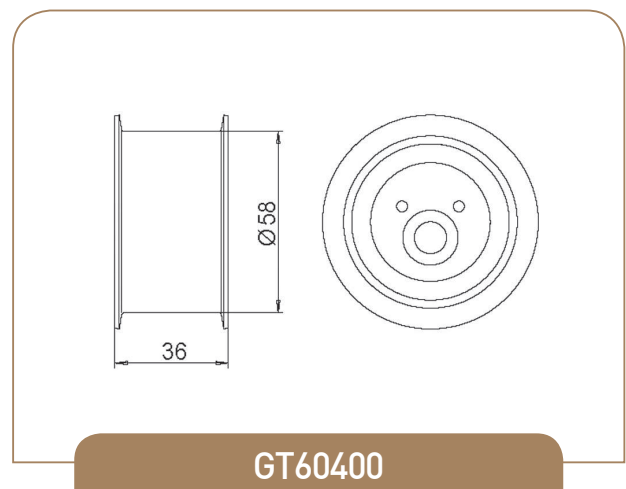
GT60380



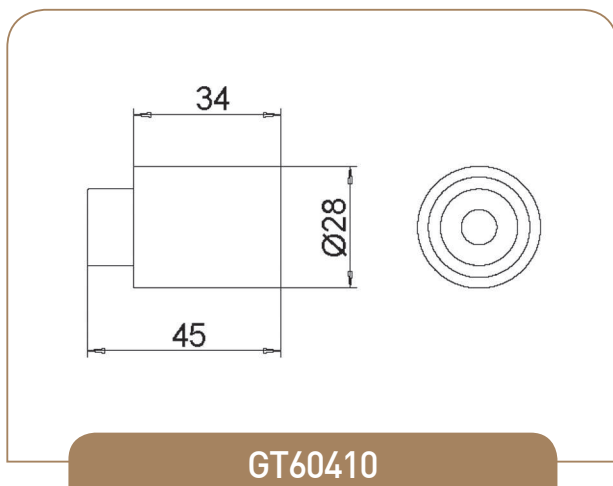
GT60390



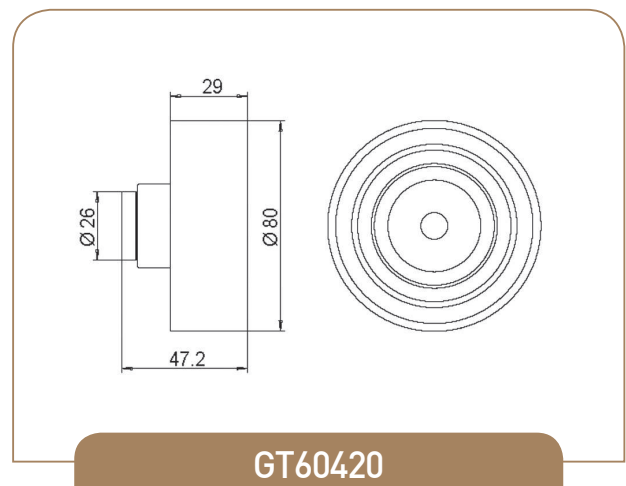
GT60395



GT60400

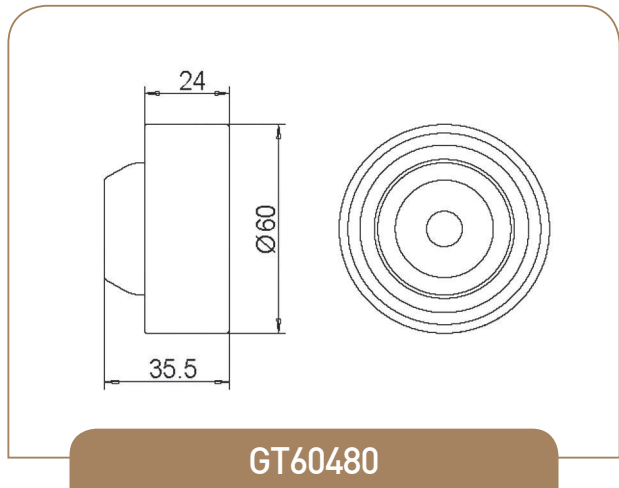
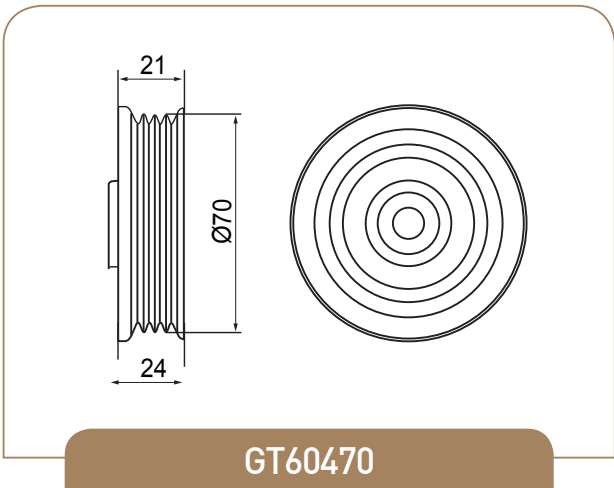
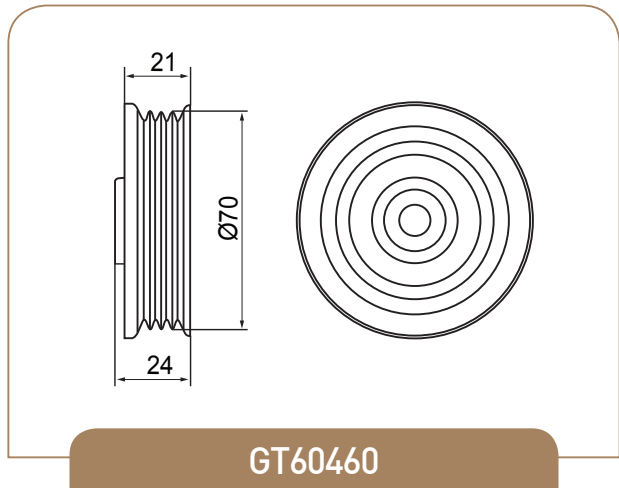
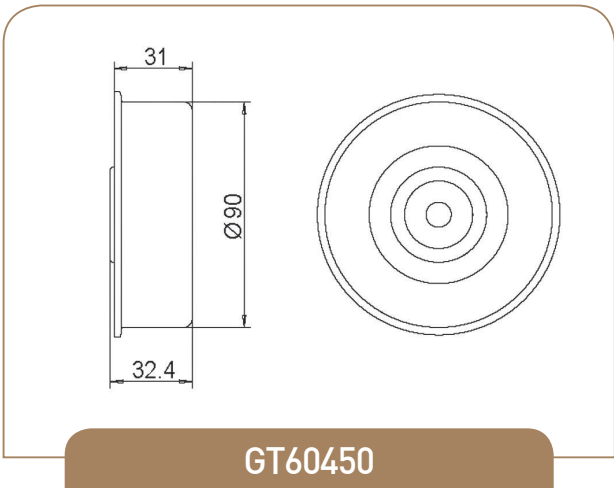
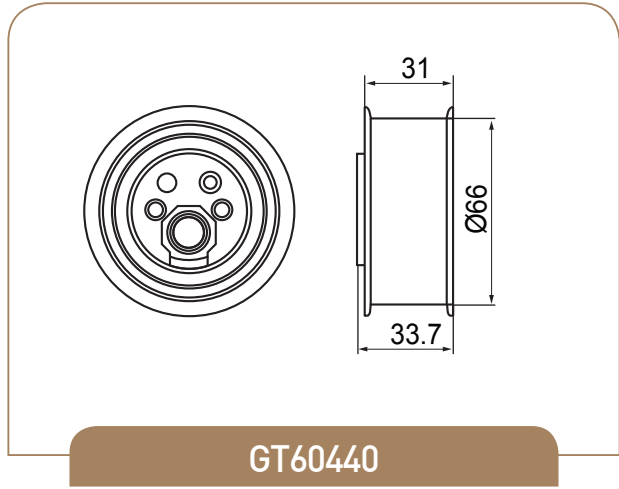
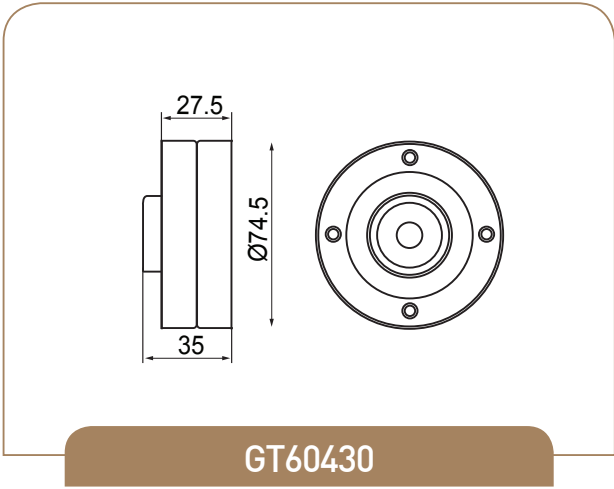


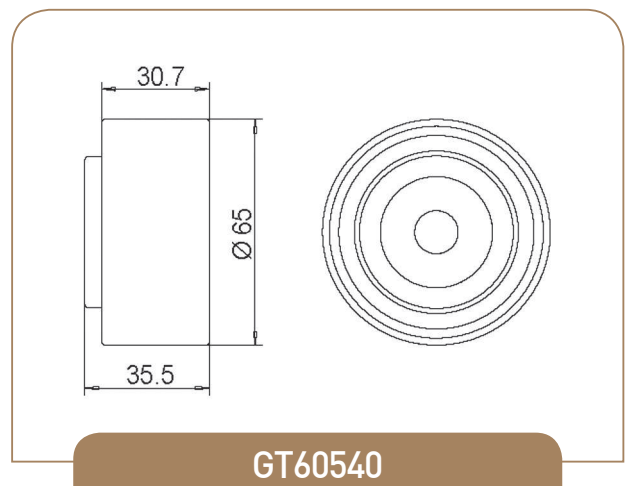
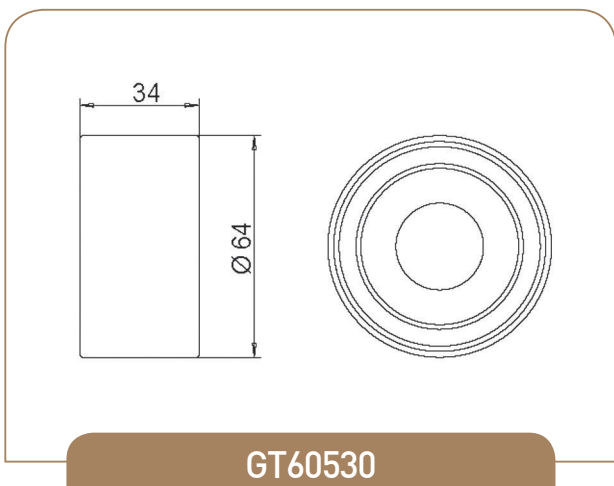
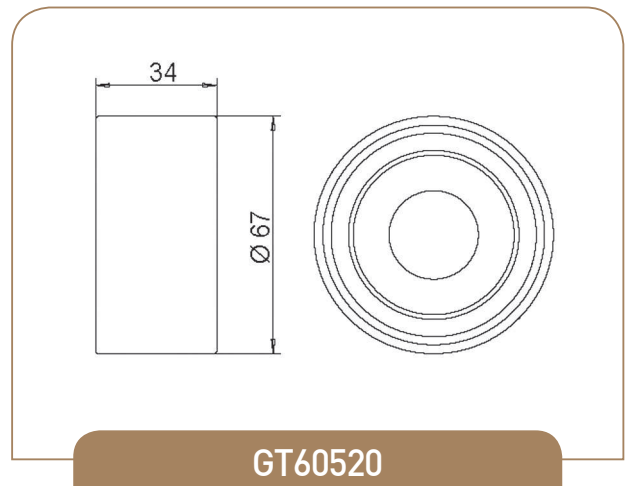
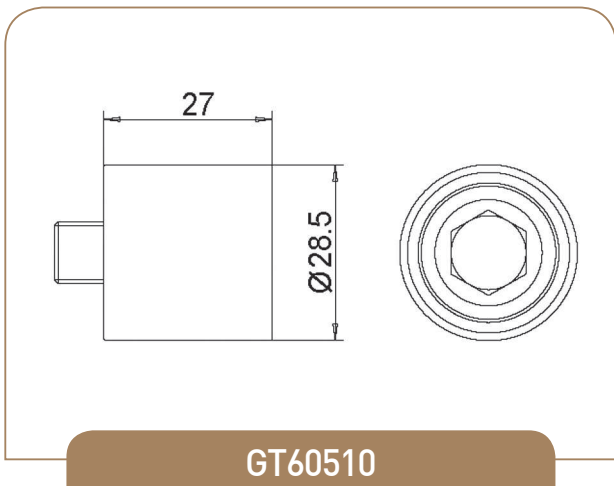
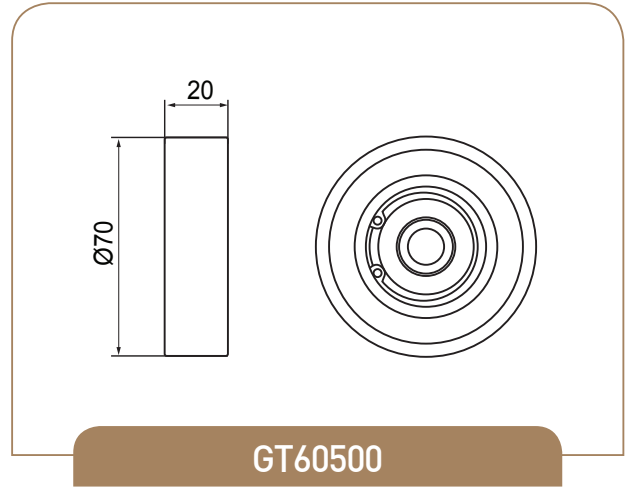
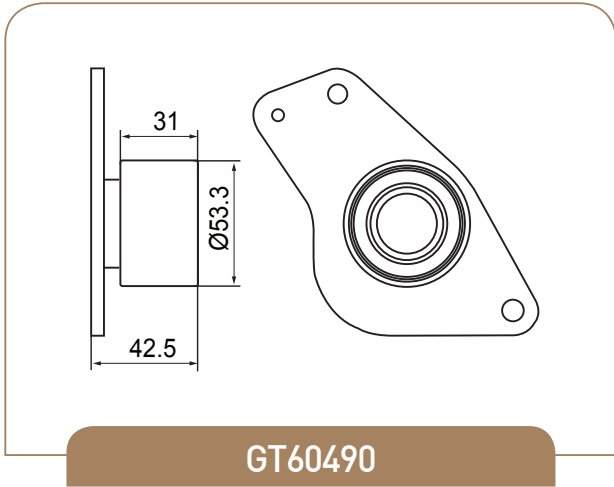
GT60410



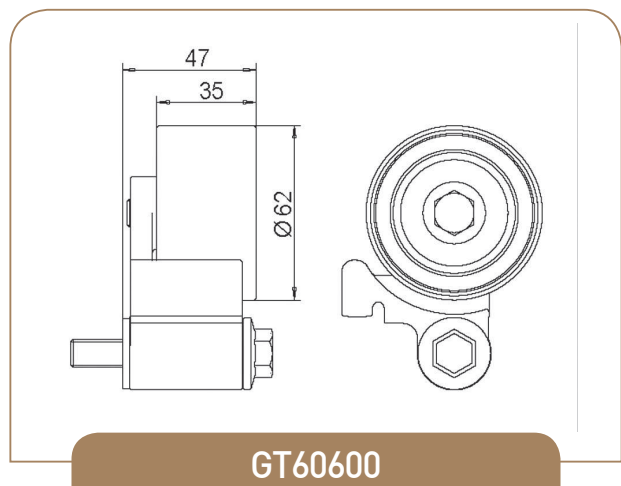
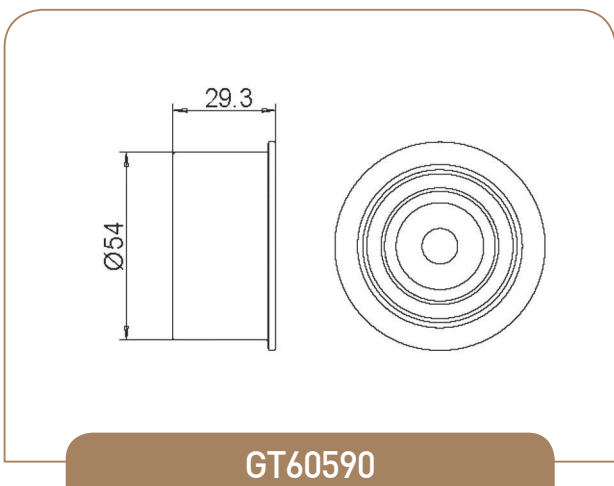
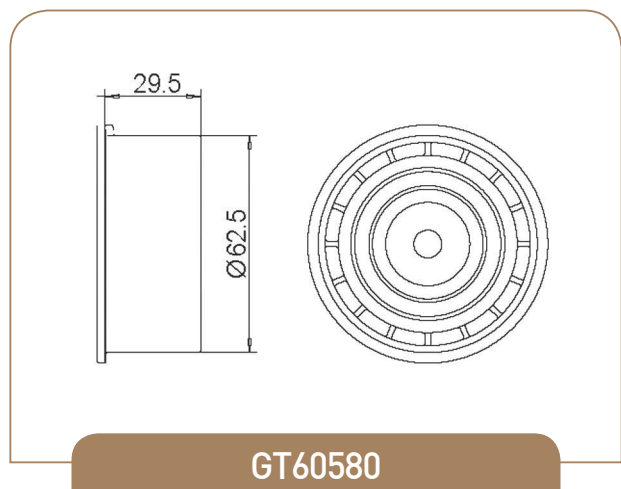
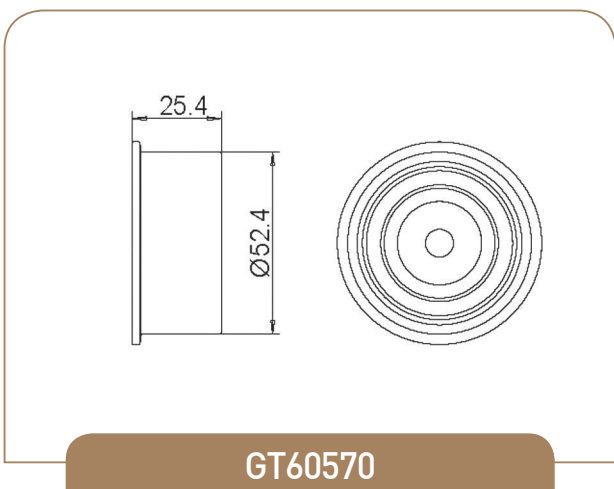
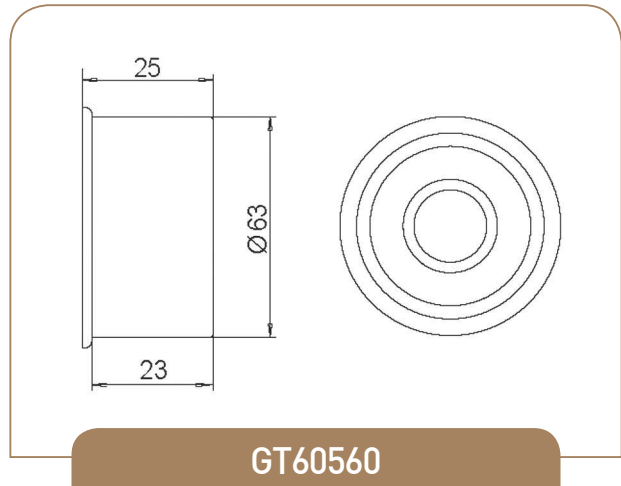
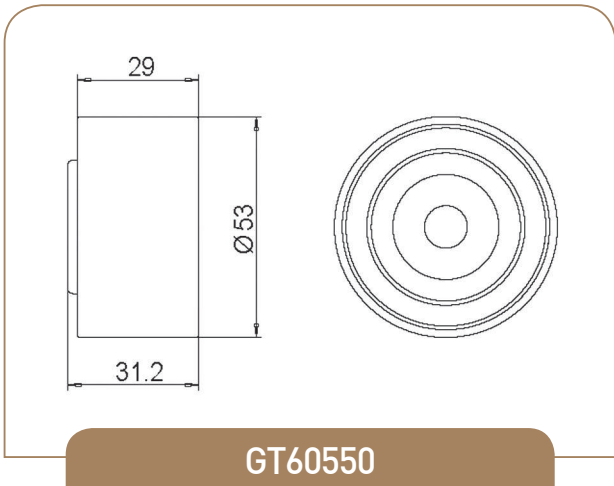
GT60420

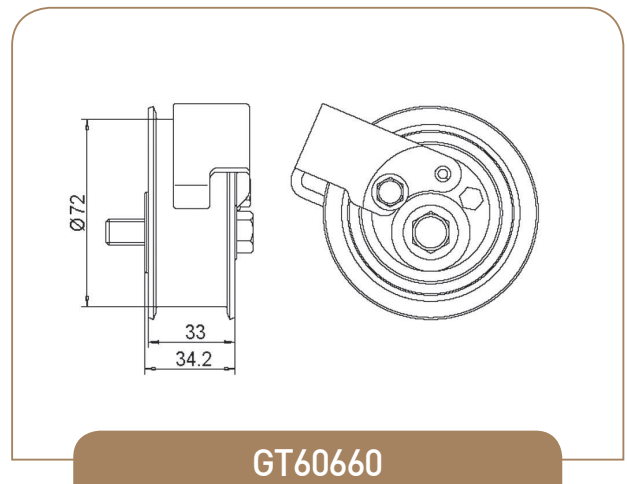
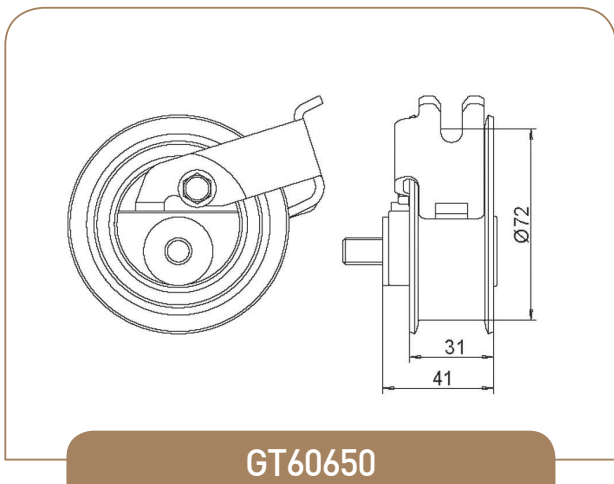
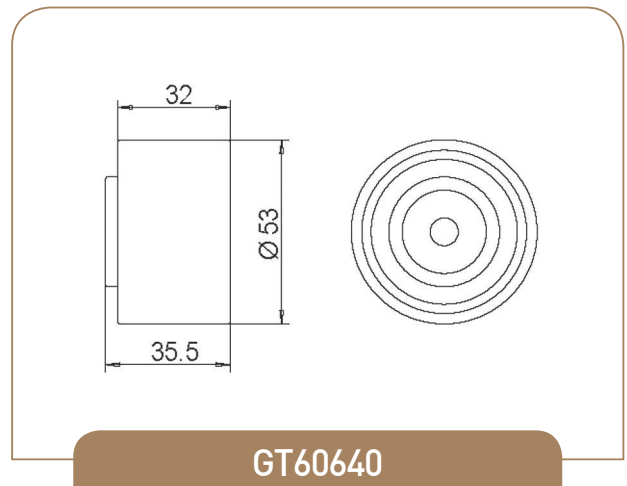
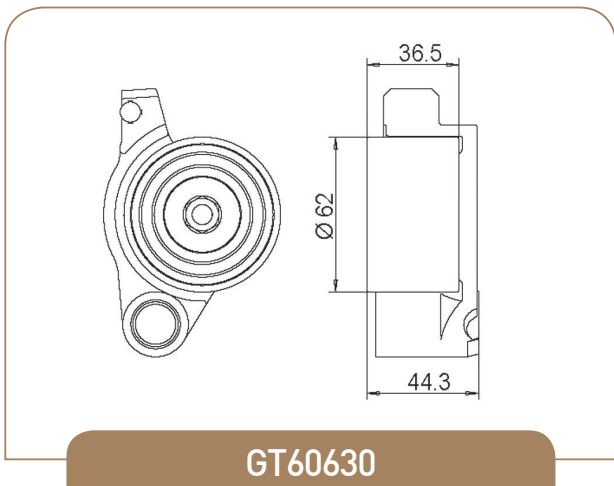
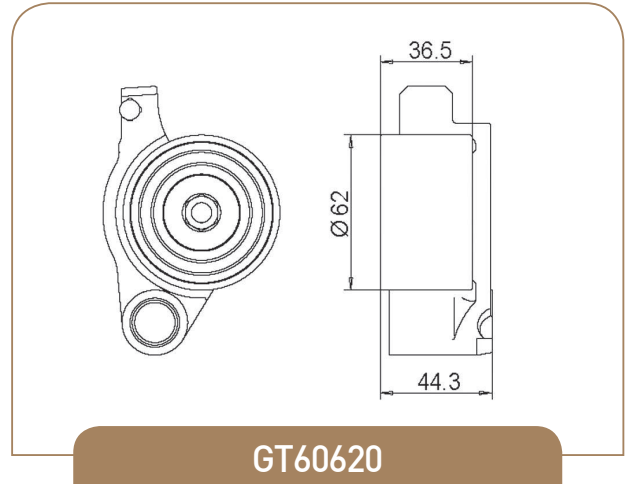
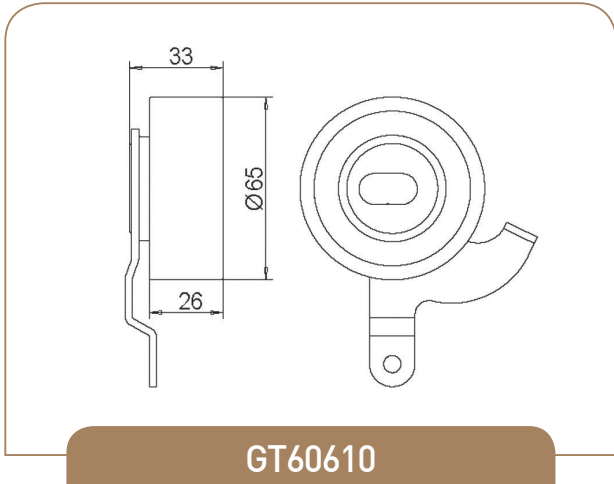
# Brief Drawing



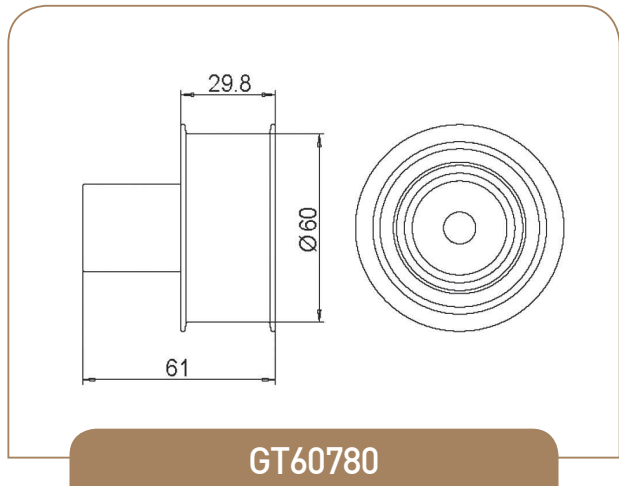
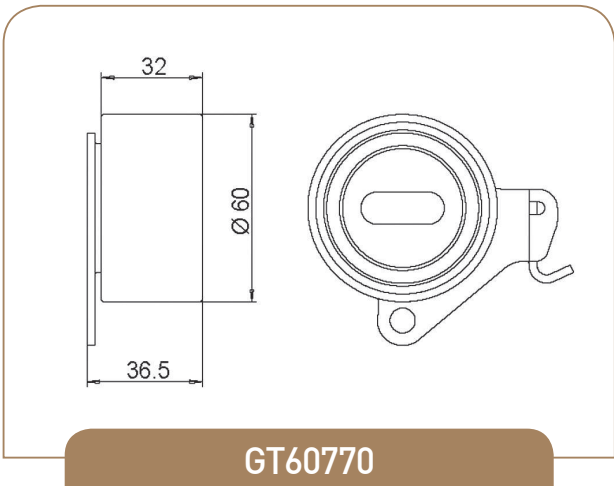
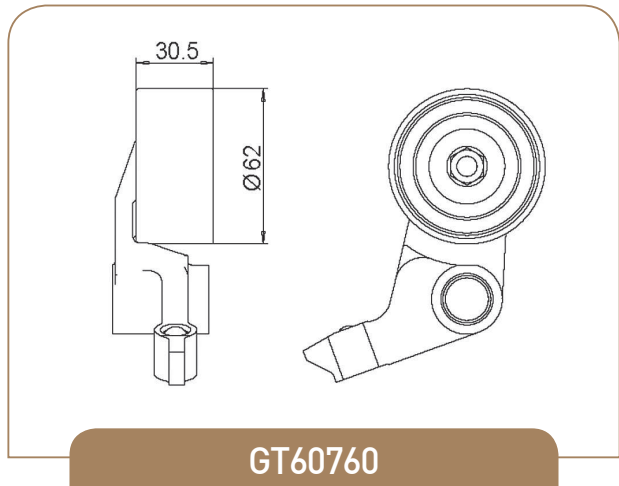
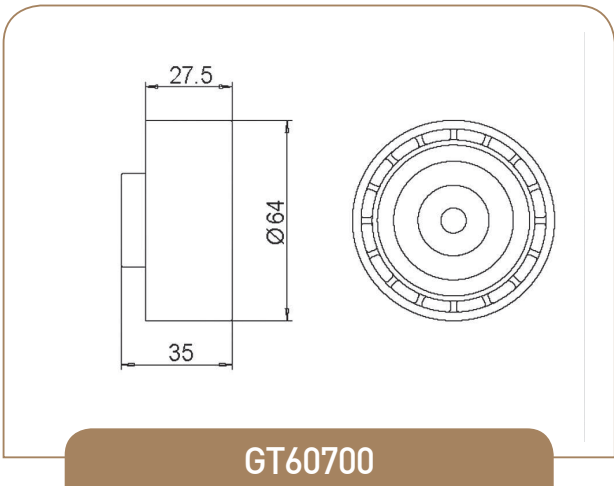
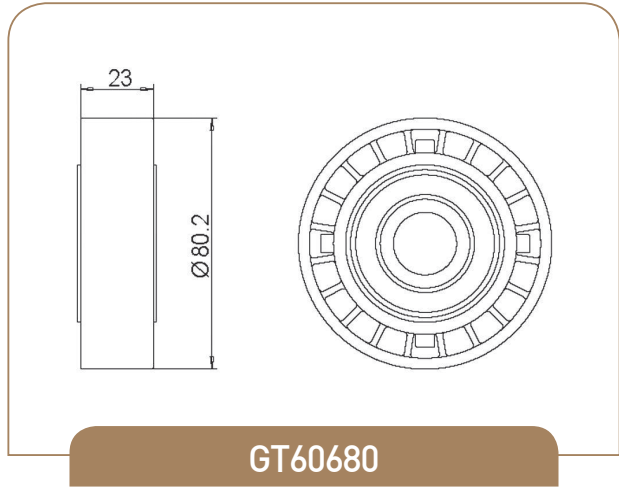
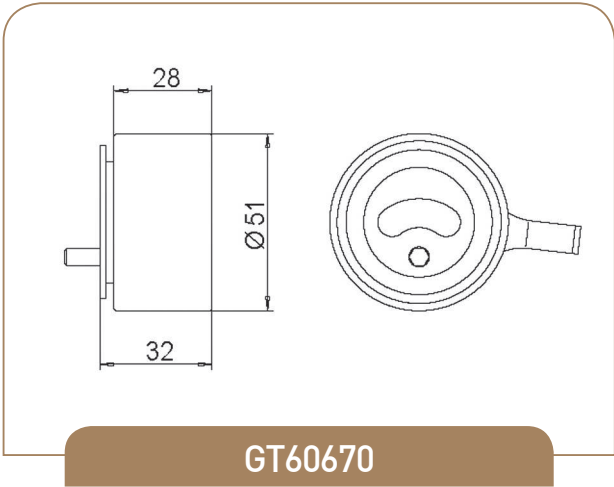


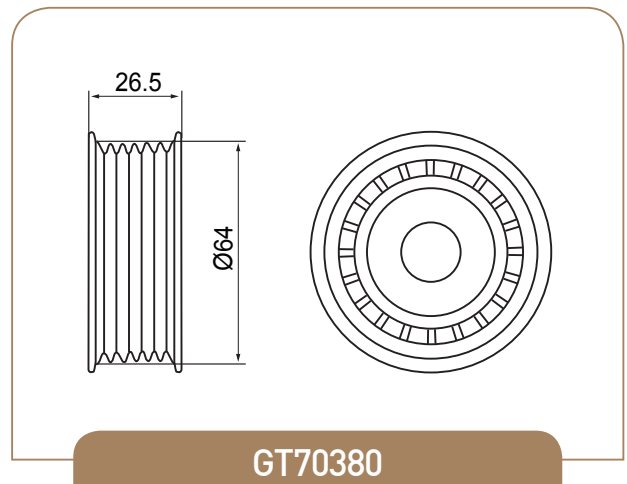
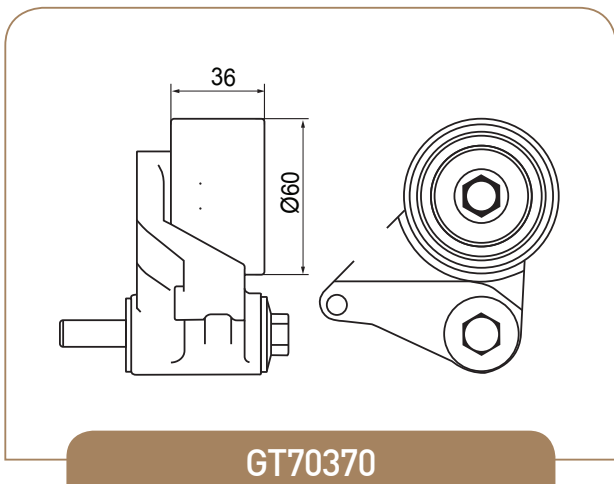
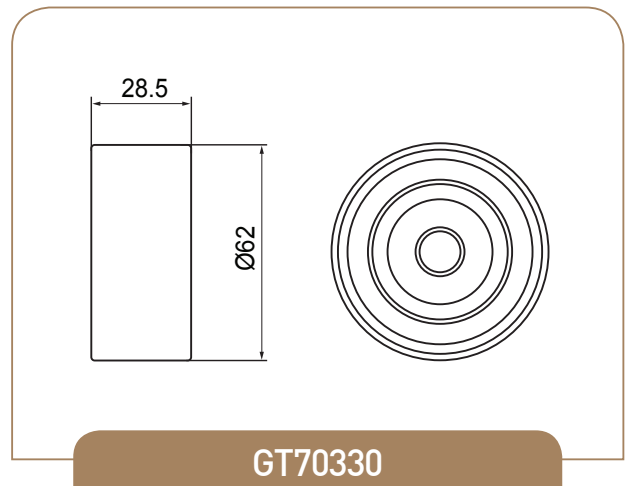
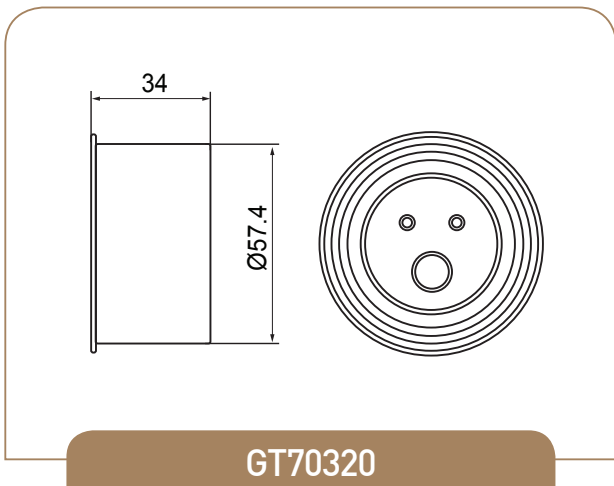
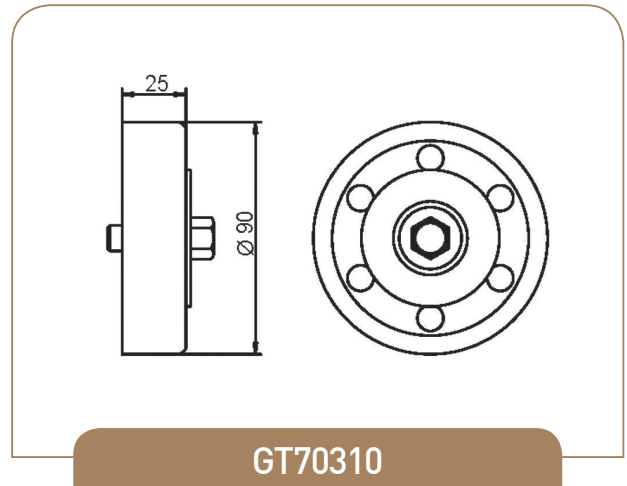
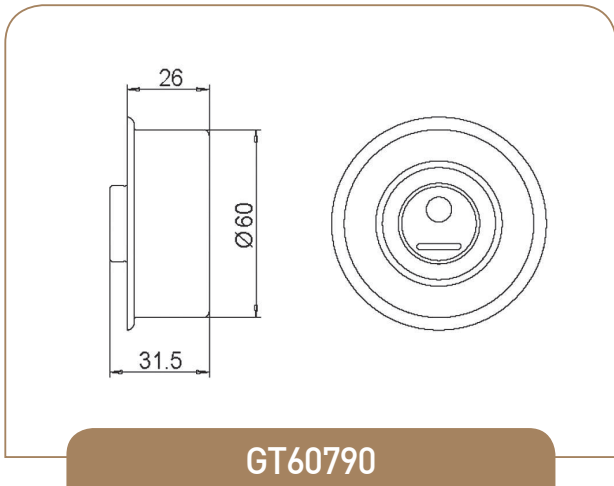
# Brief Drawing



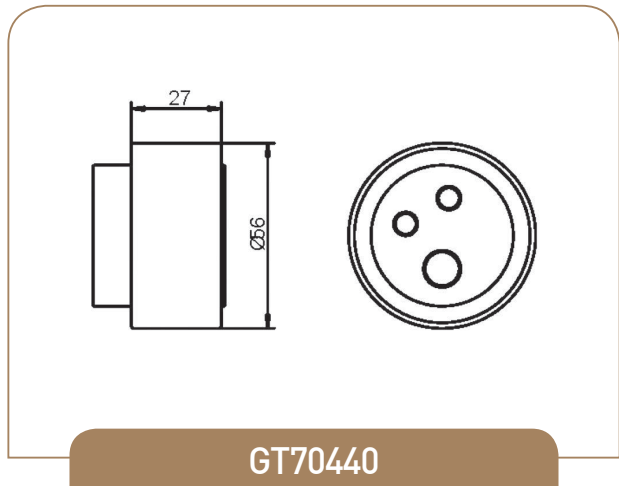
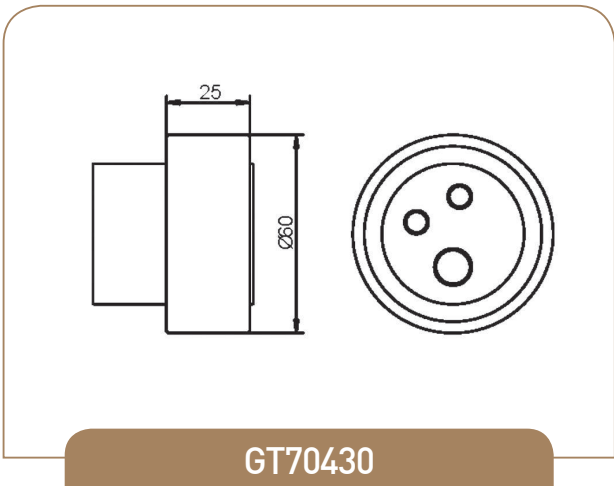
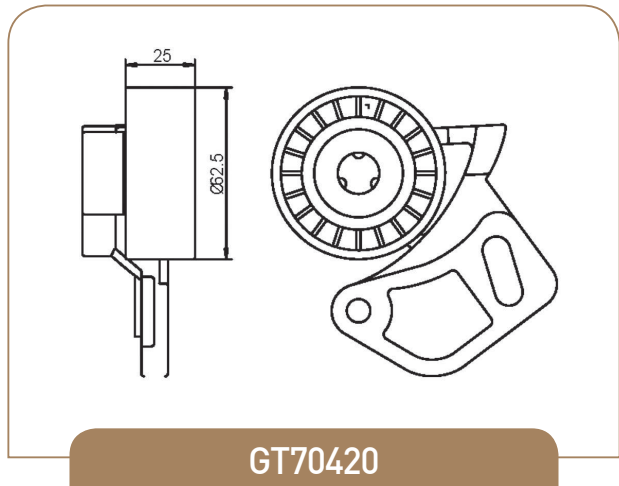
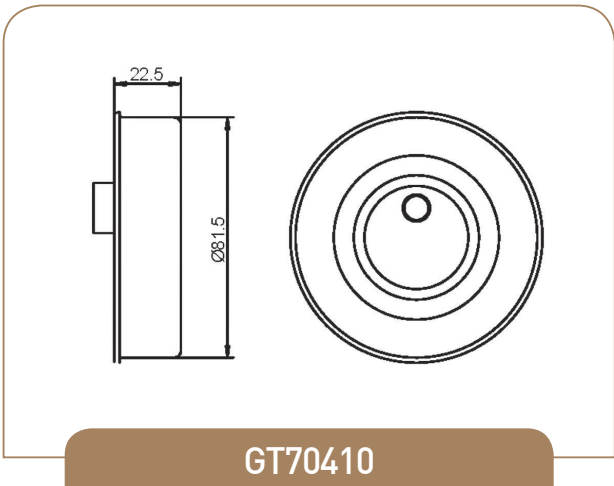
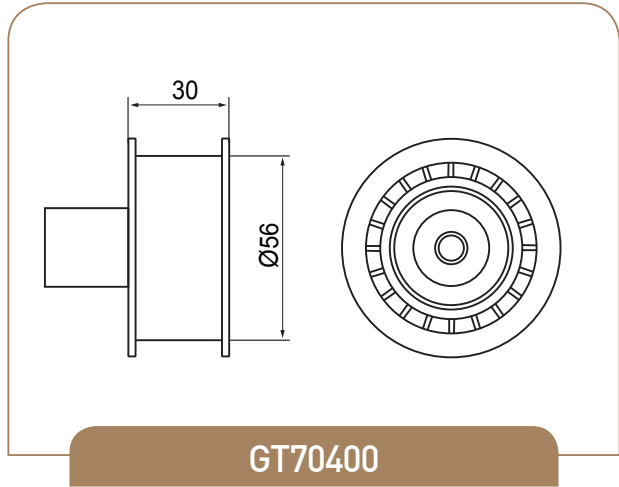
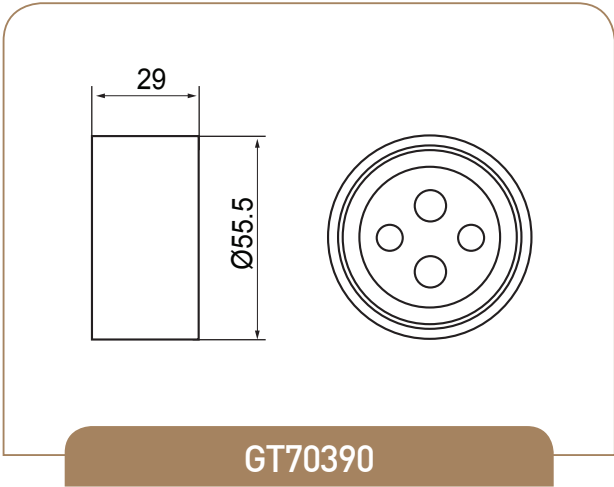


# Brief Drawing

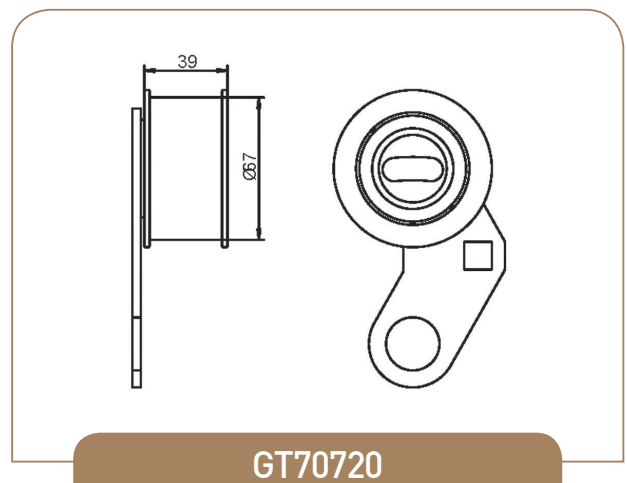
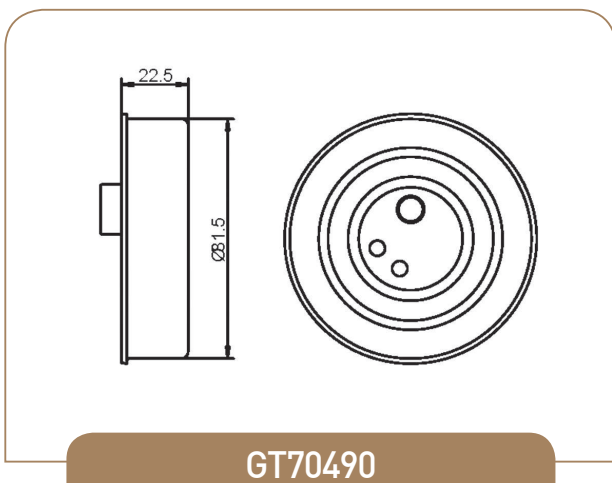
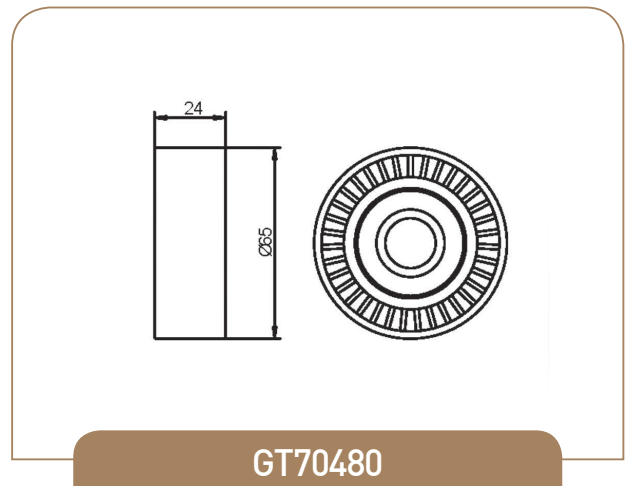
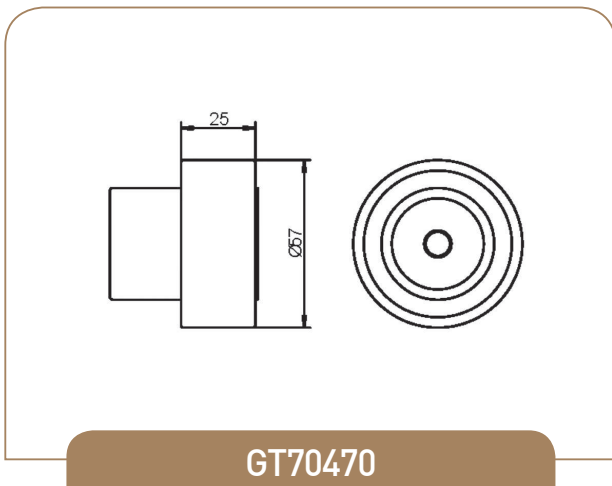
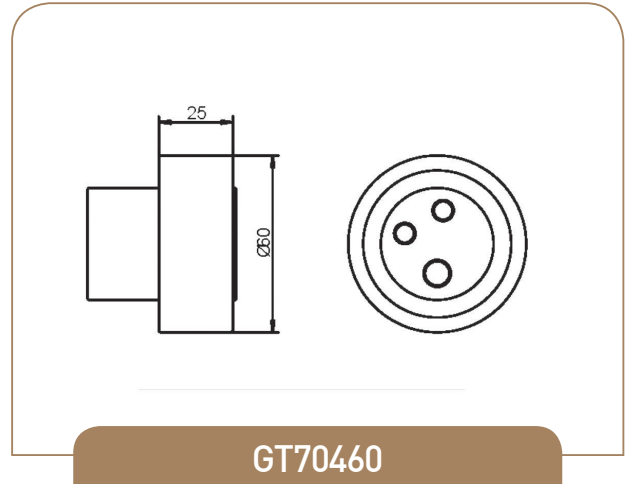
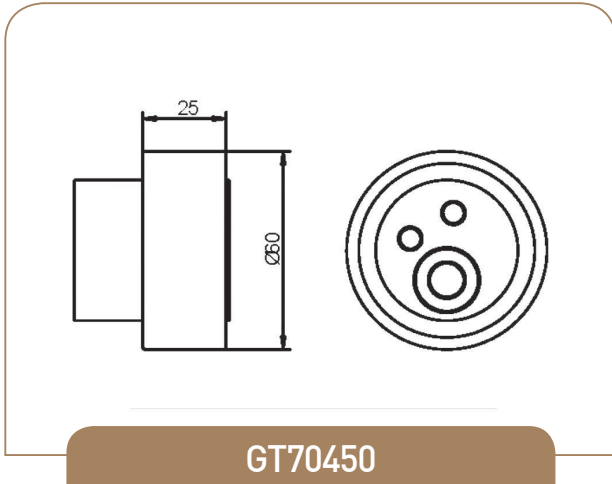




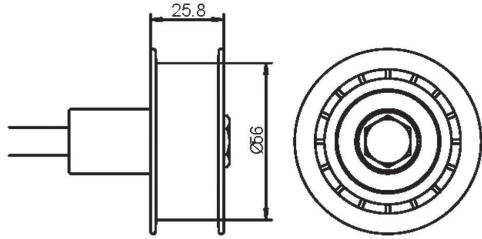
# Brief Drawing



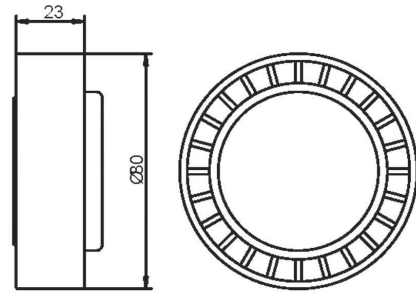




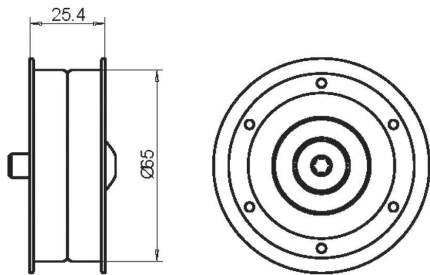
# Brief Drawing



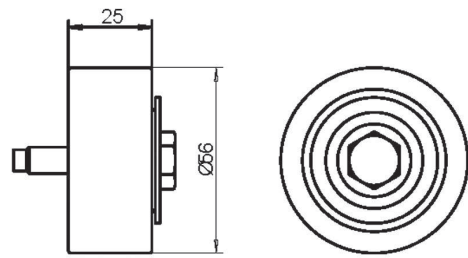
GT70730



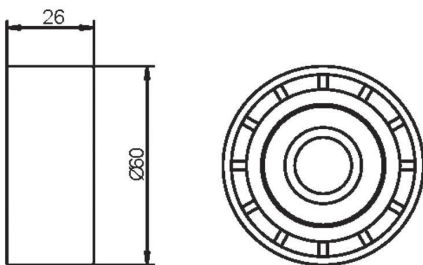
GT70740



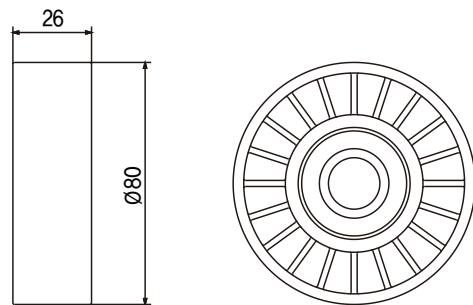
GT70750



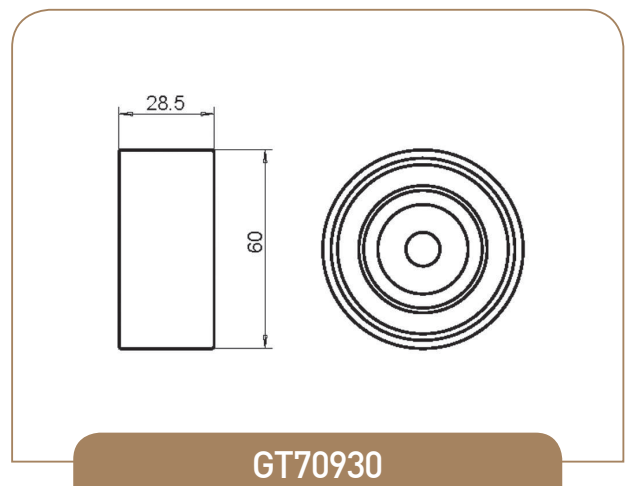
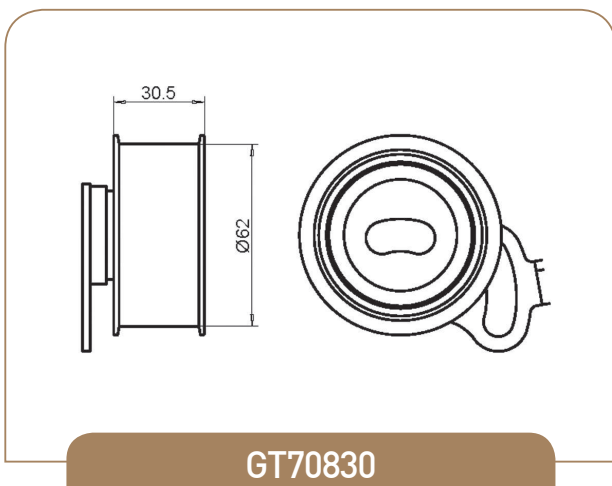
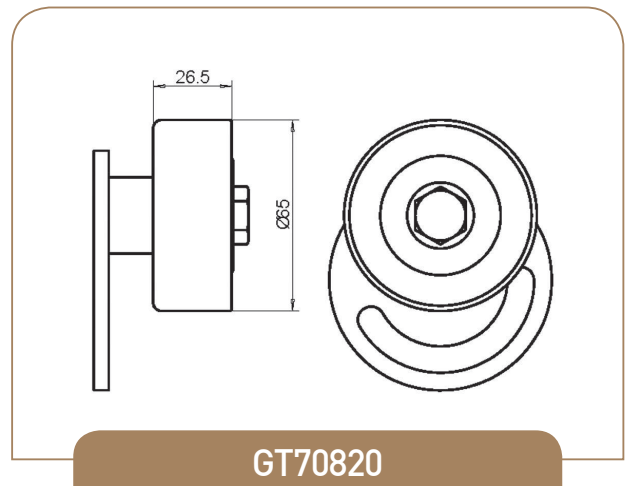
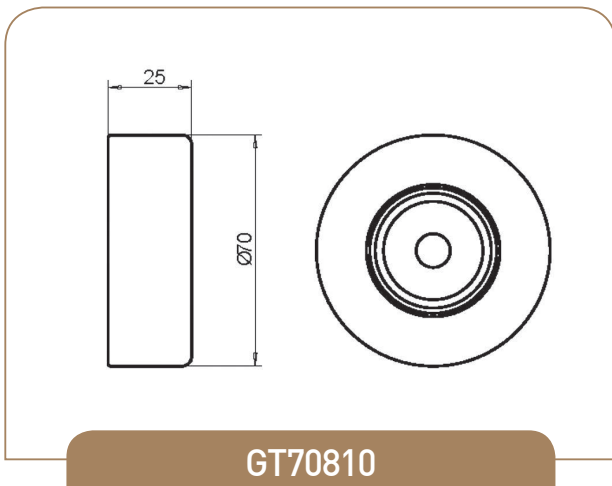
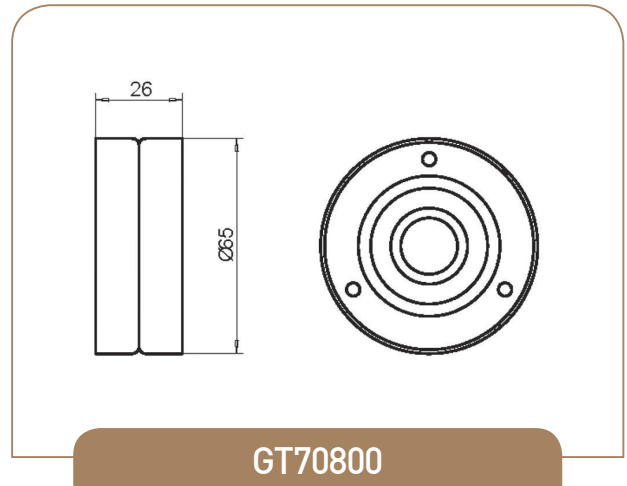
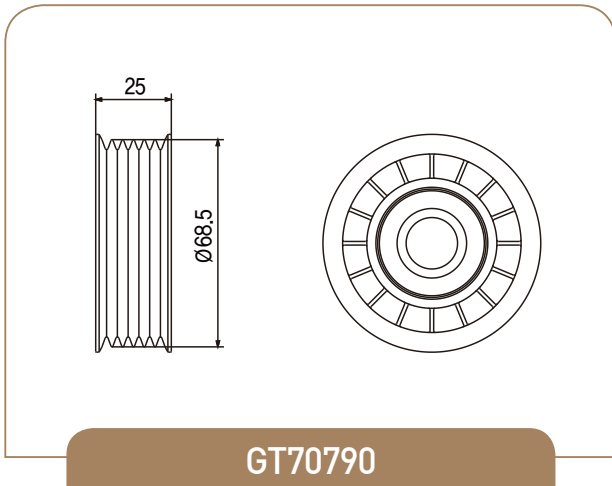
GT70760



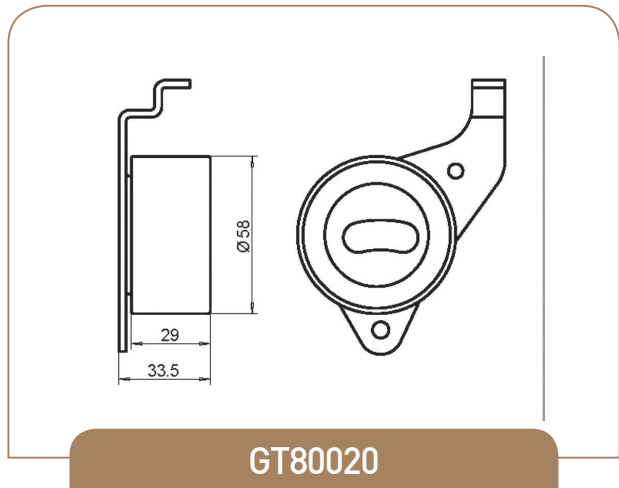
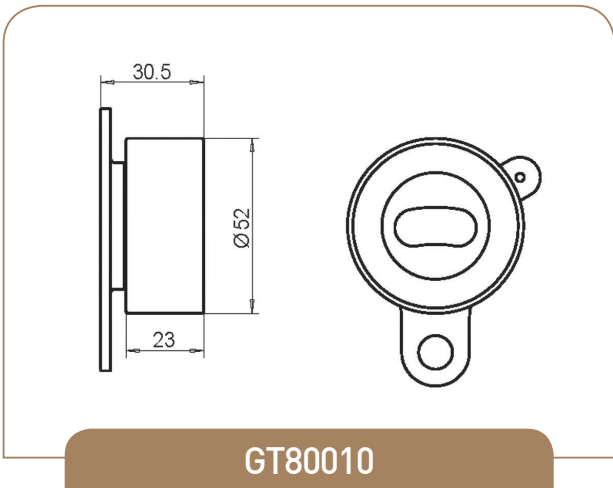
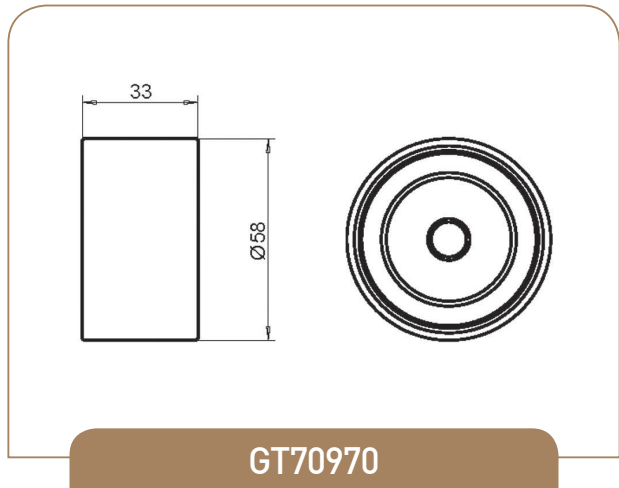
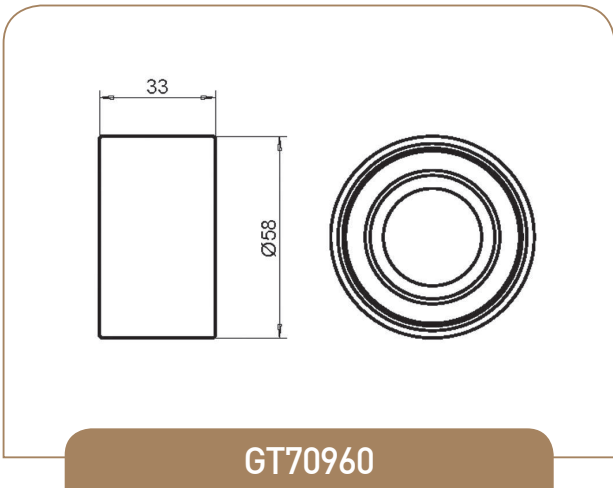
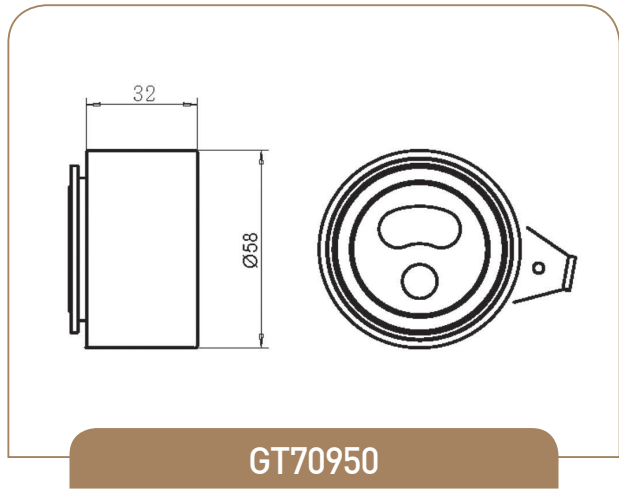
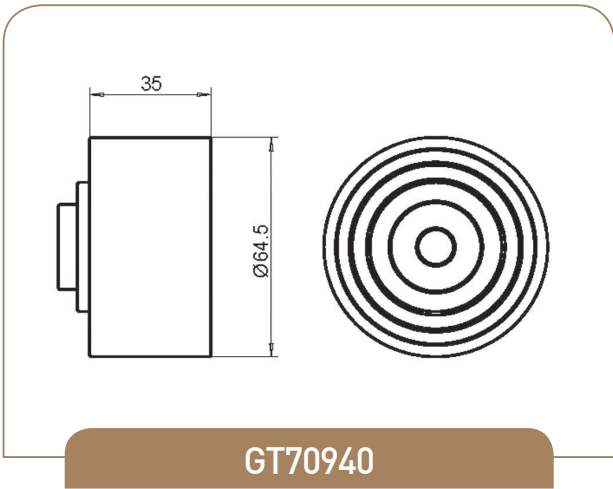
GT70770

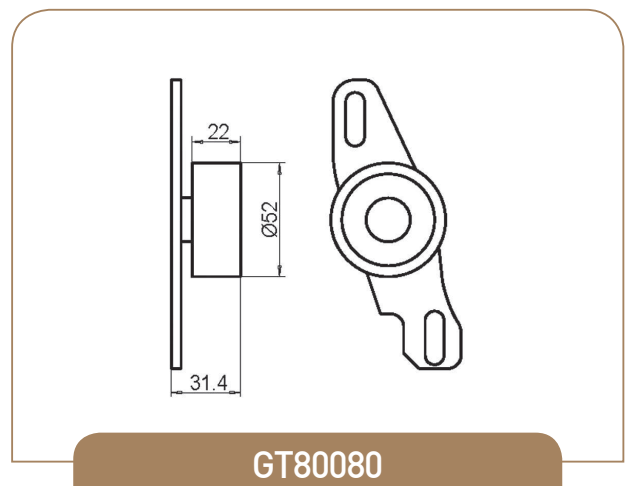
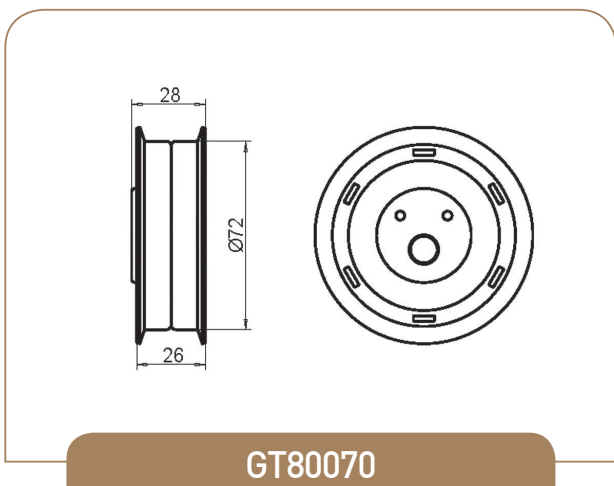
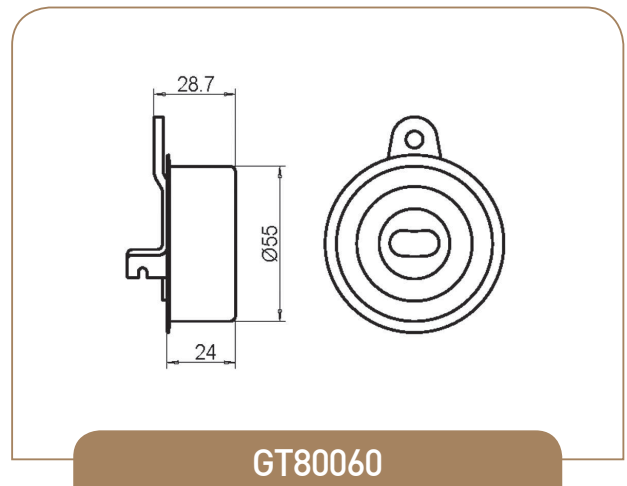
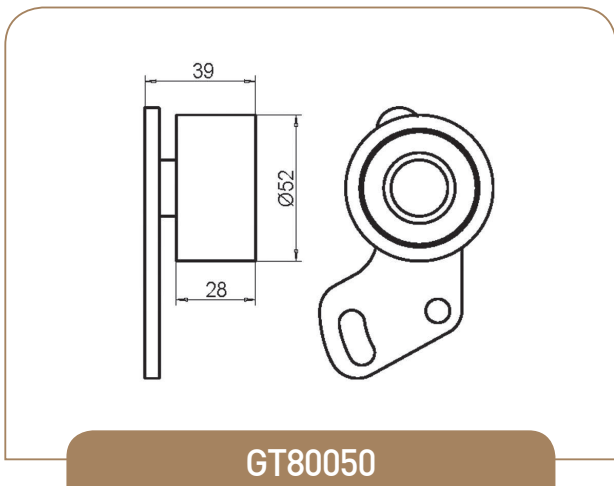
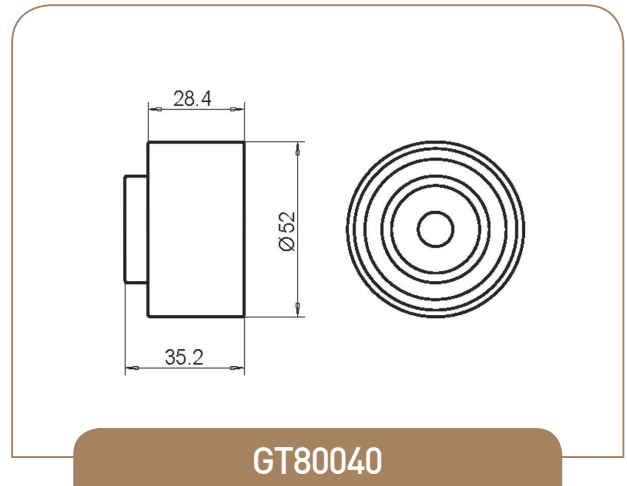
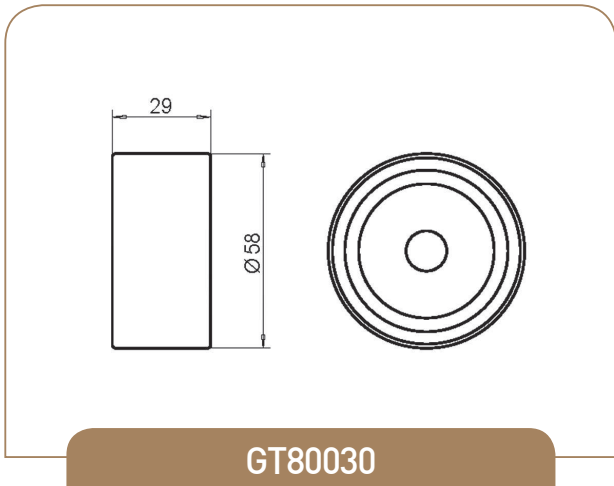


GT70780

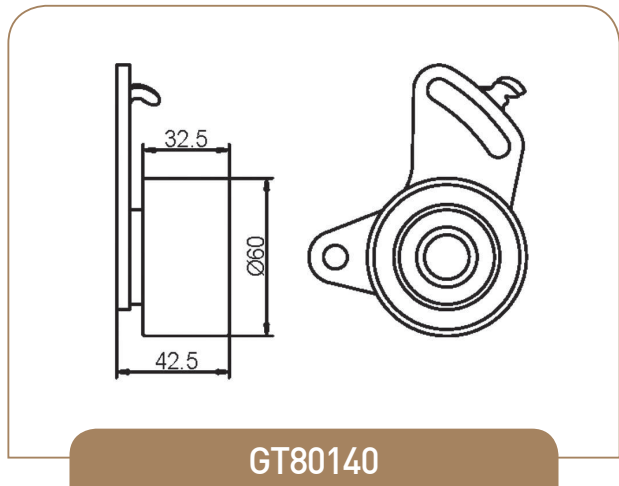
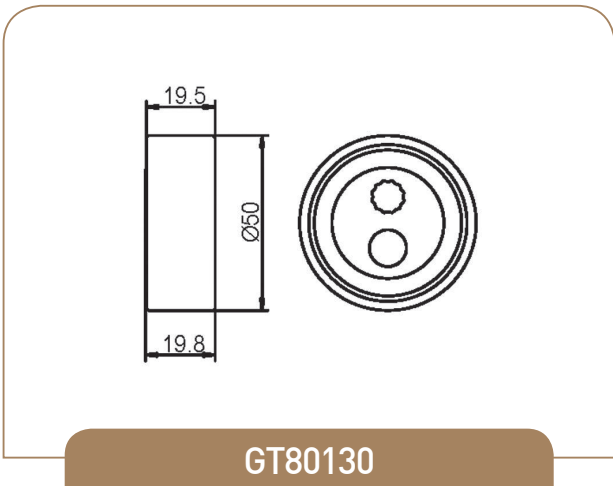
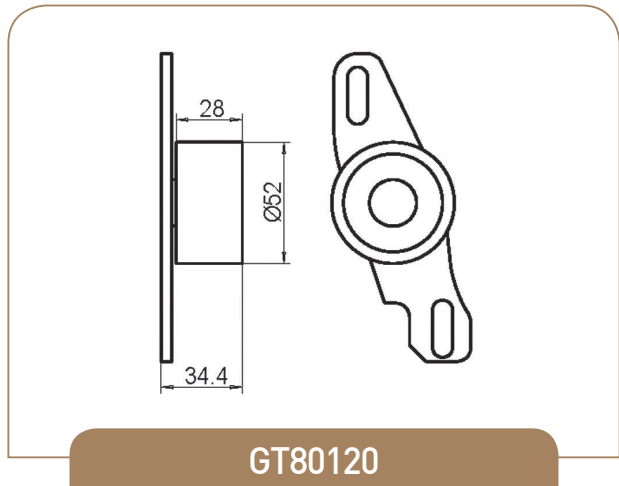
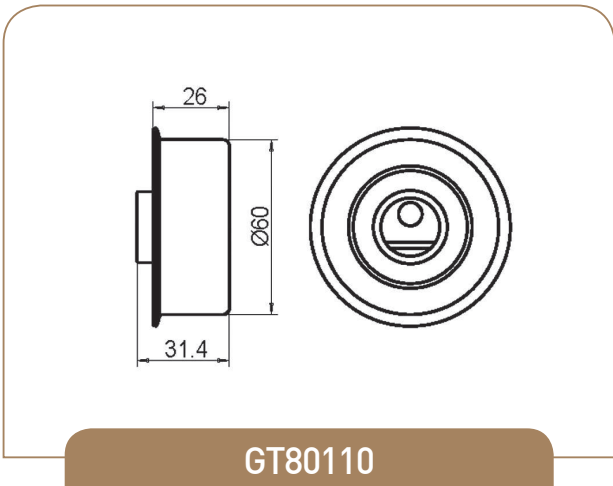
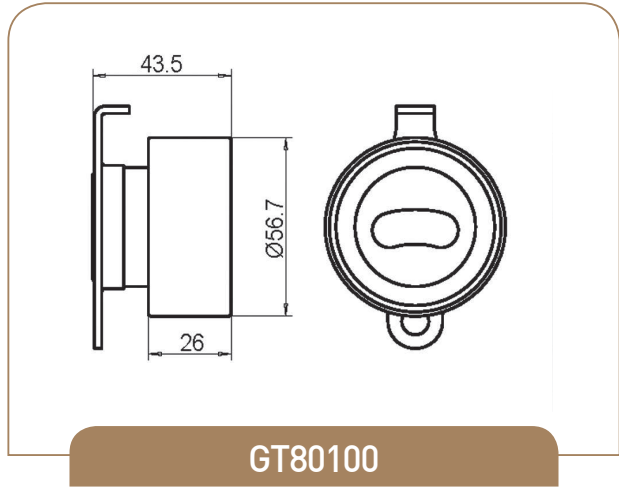
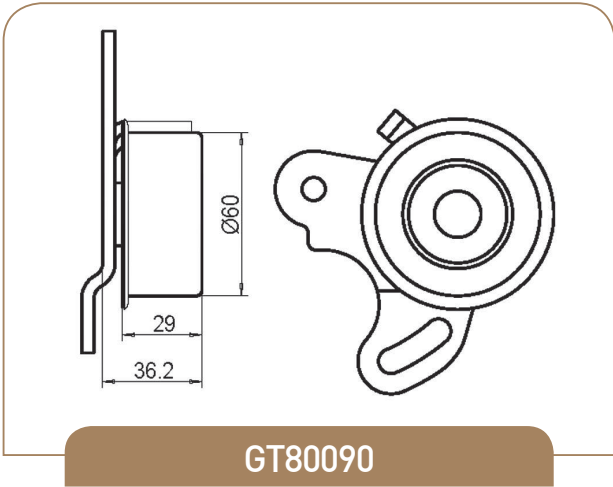


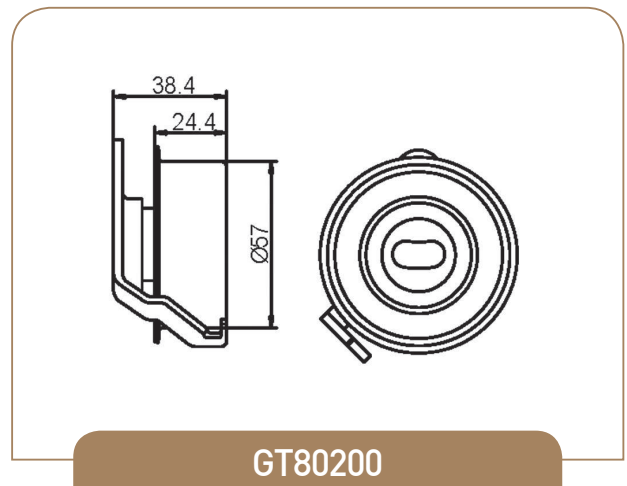
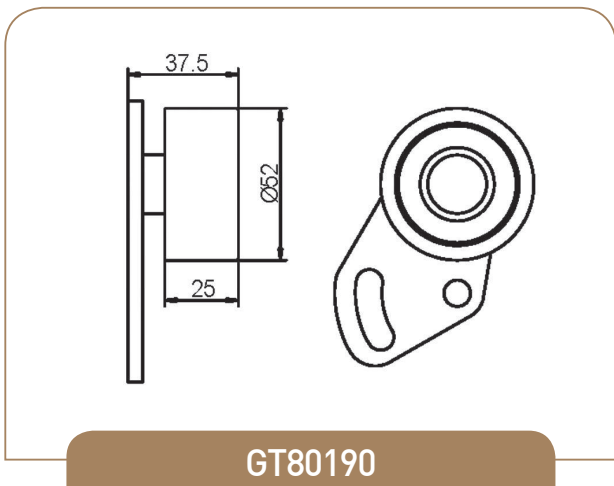
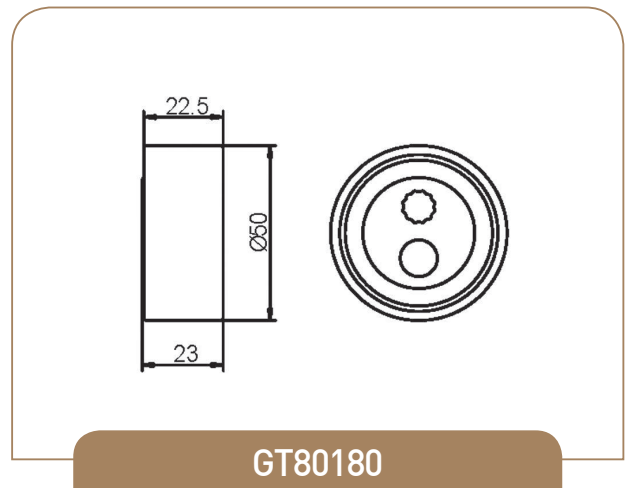
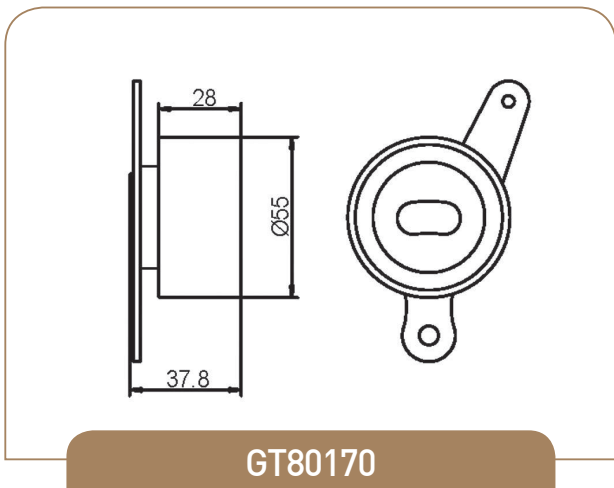
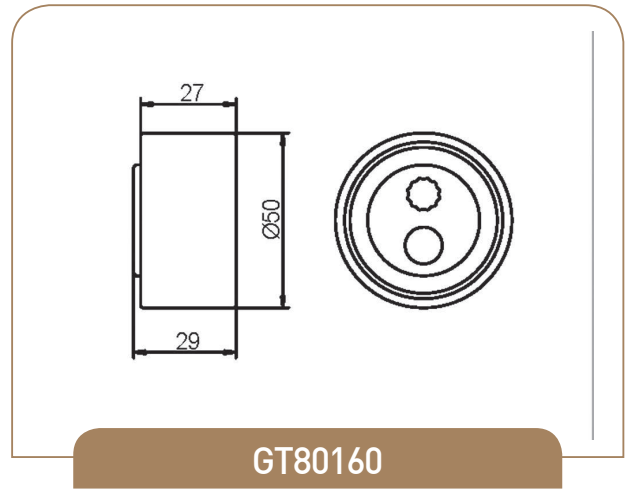
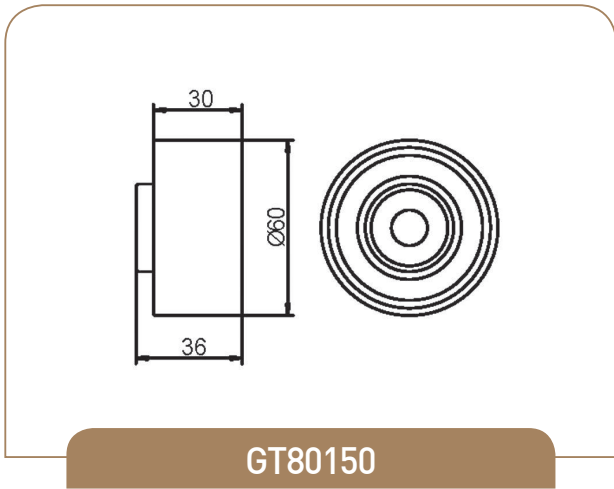
# Brief Drawing



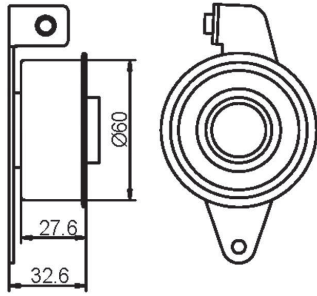


# Brief Drawing

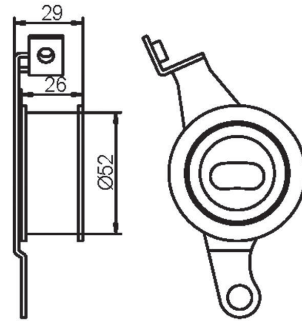




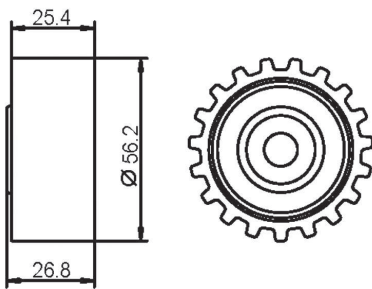
# Brief Drawing



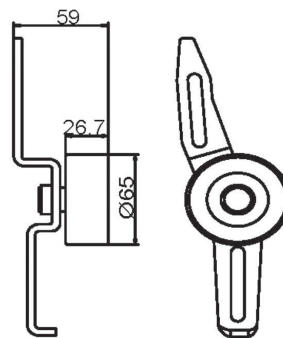
GT80210



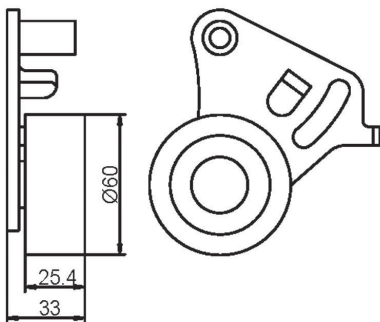
GT80220



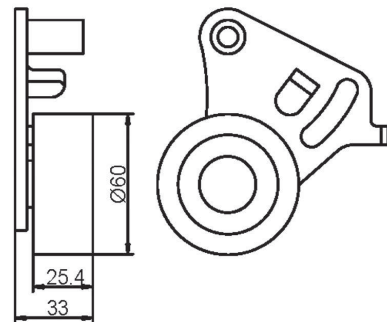
GT80230



GT80240

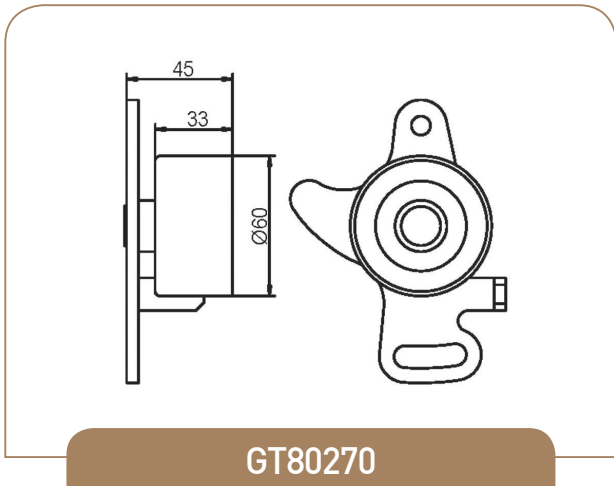


GT80250

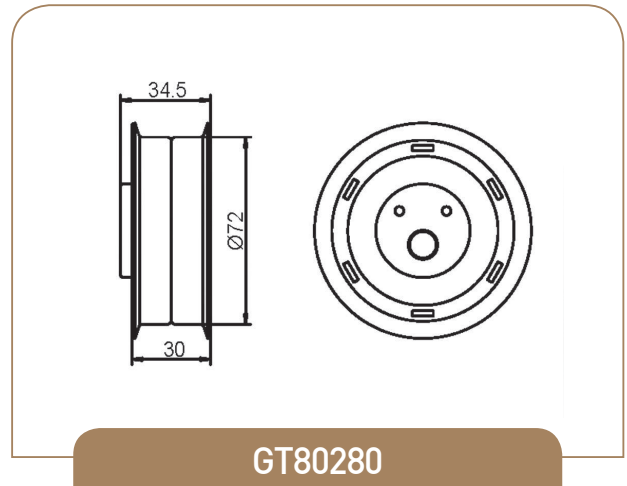


GT80260

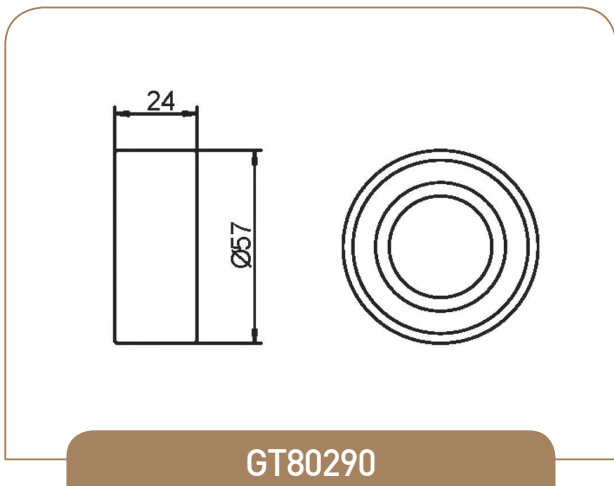




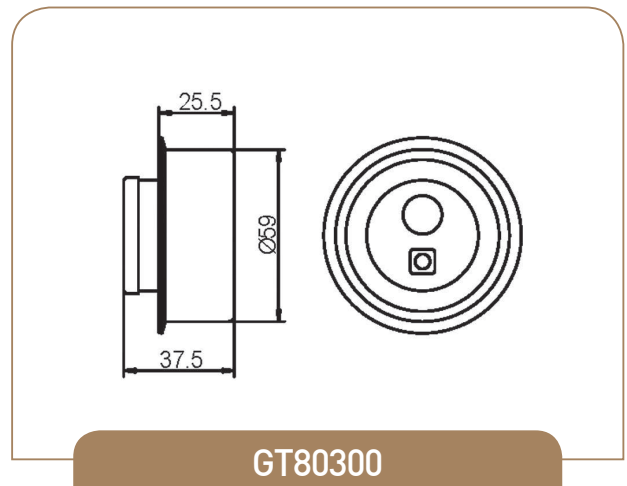
GT80270



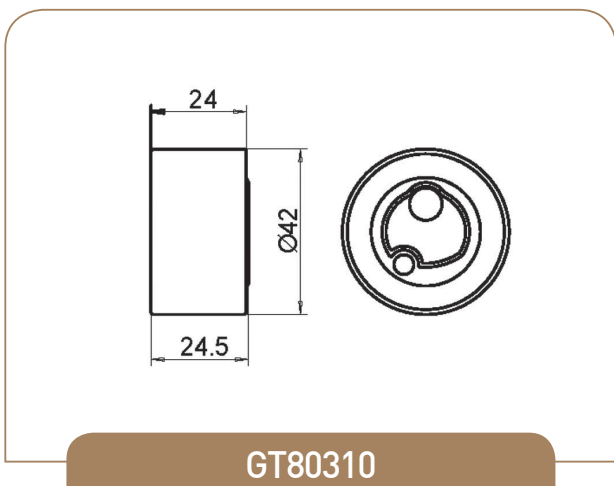
GT80280



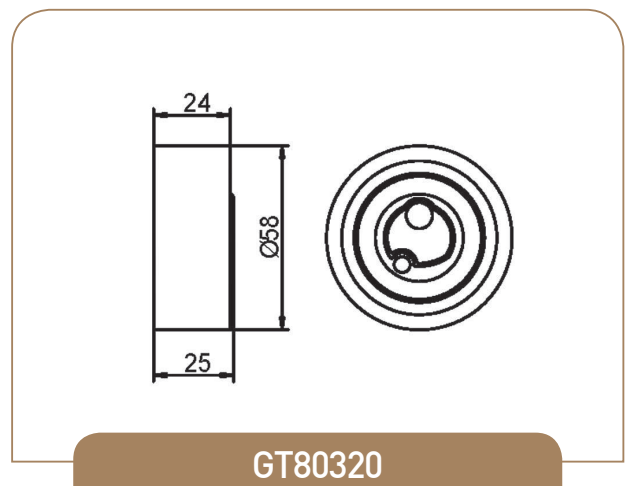
GT80290



GT80300

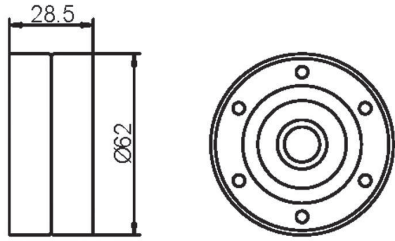


GT80310

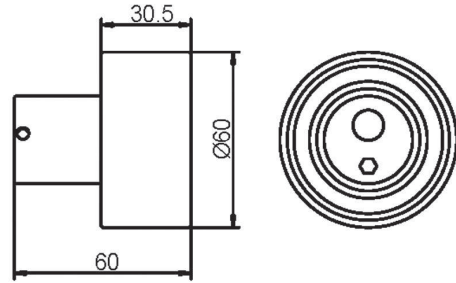


GT80320

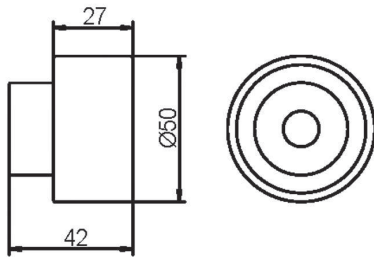
# Brief Drawing



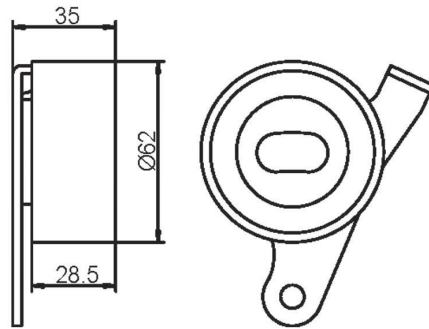
GT80330



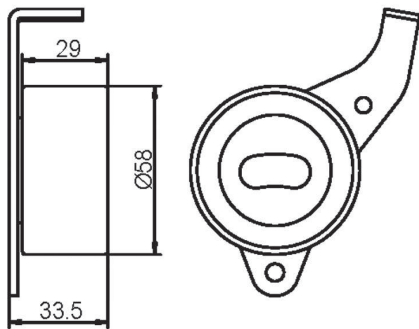
GT80340



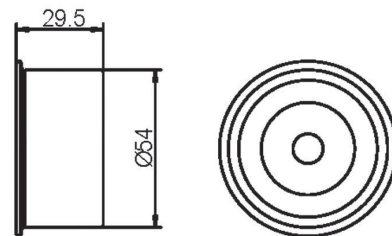
GT80350



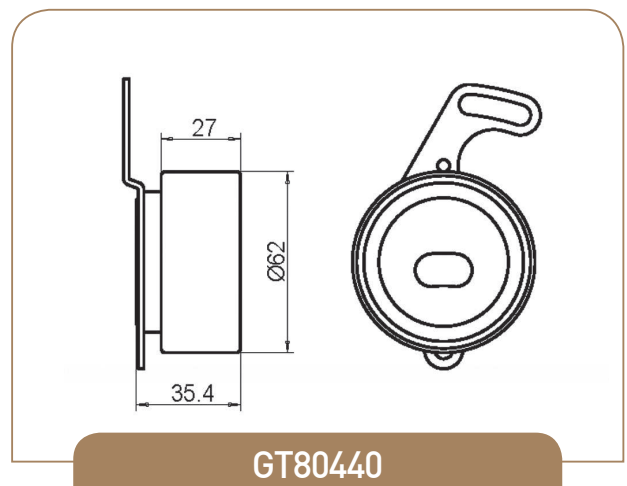
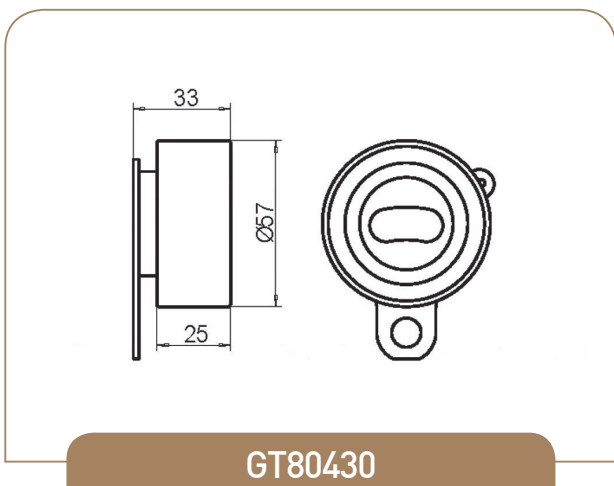
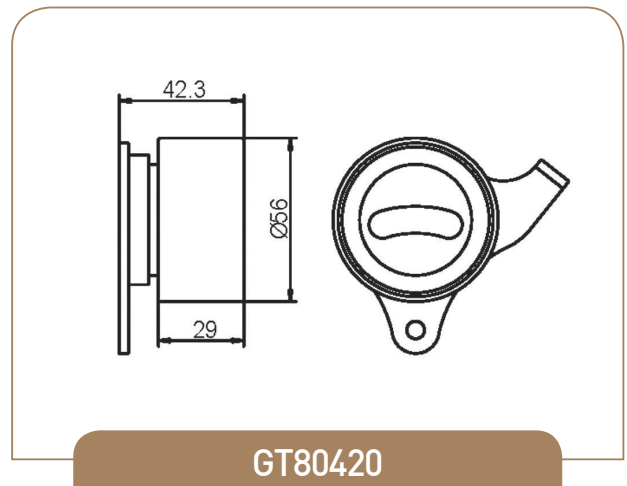
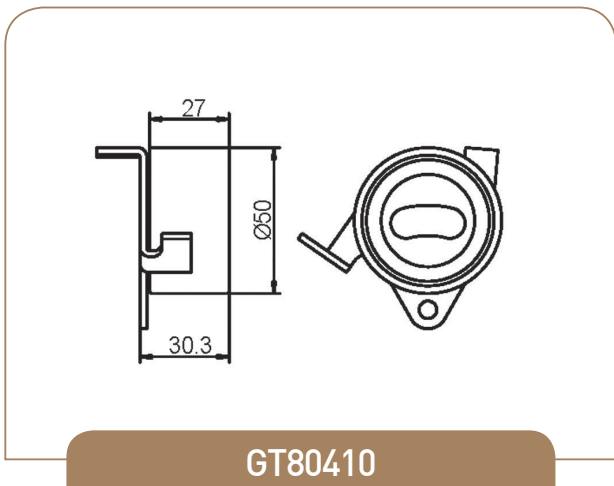
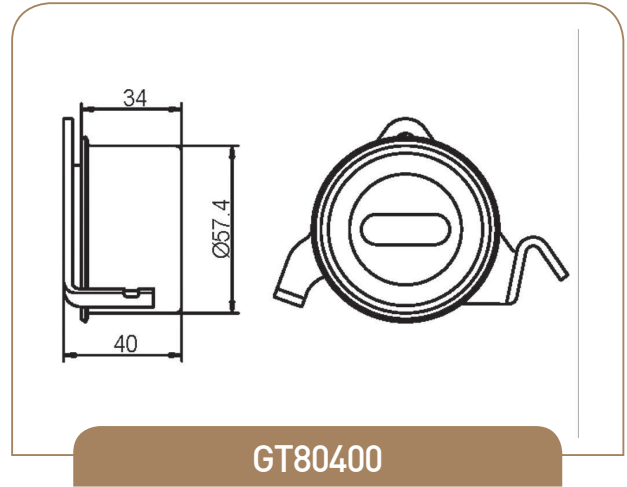
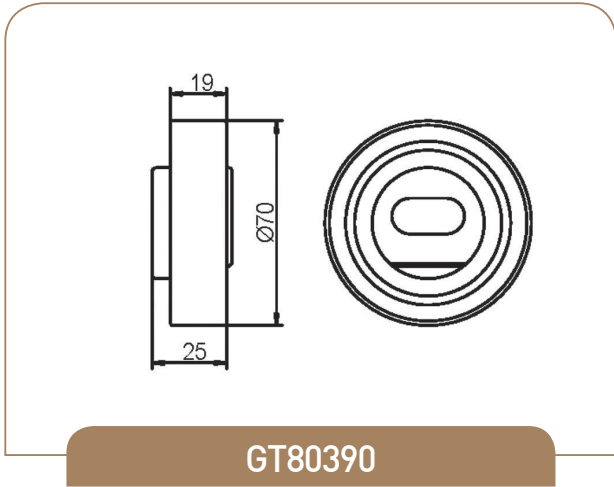
GT80360



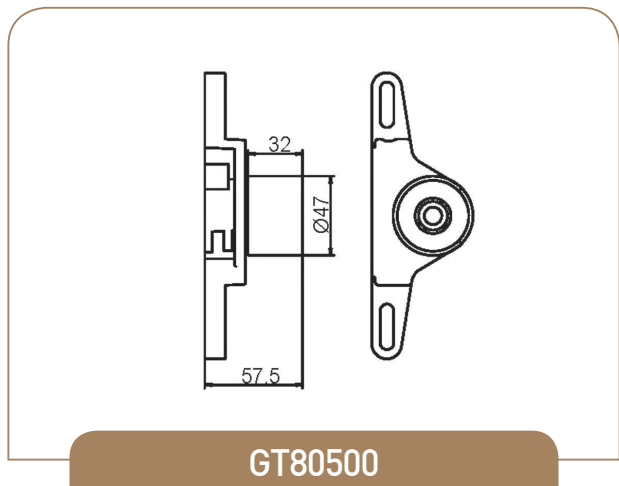
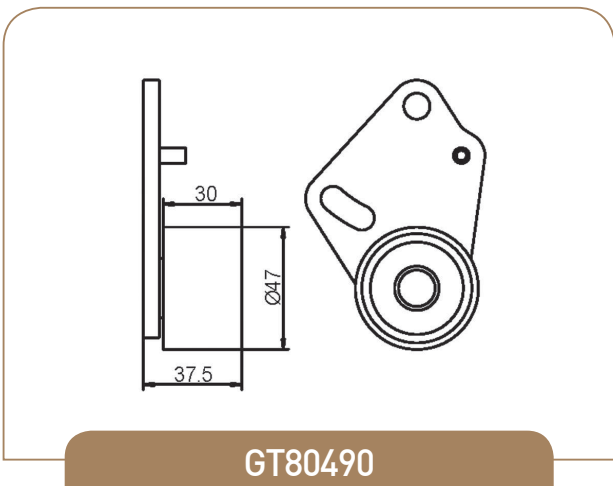
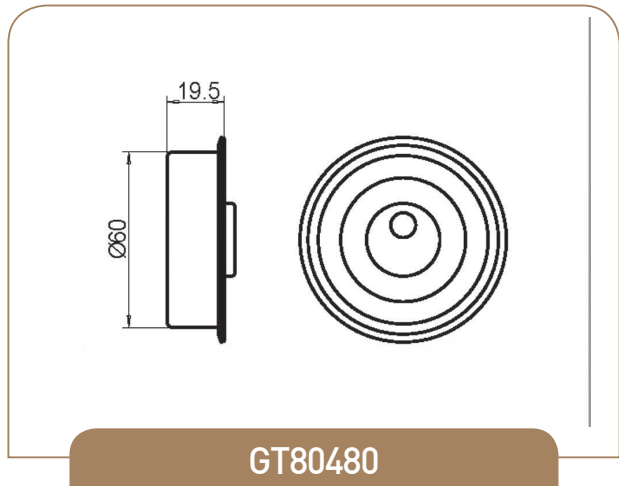
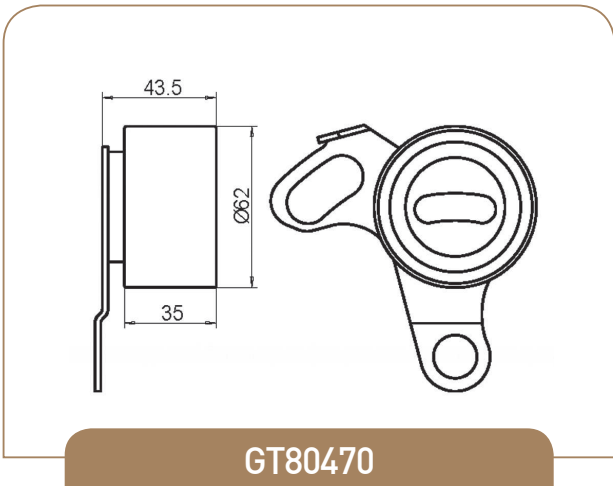
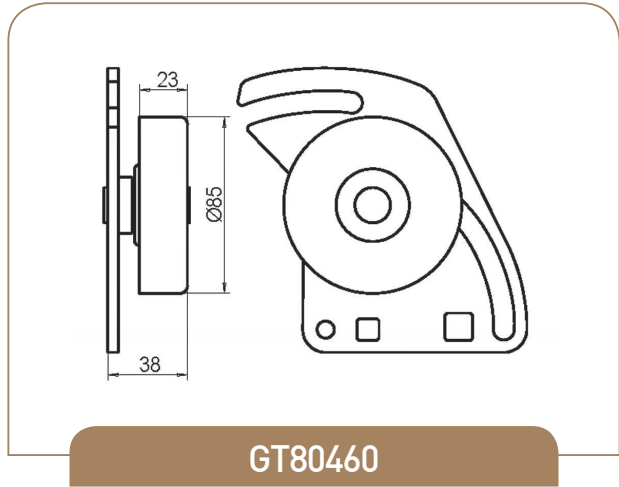
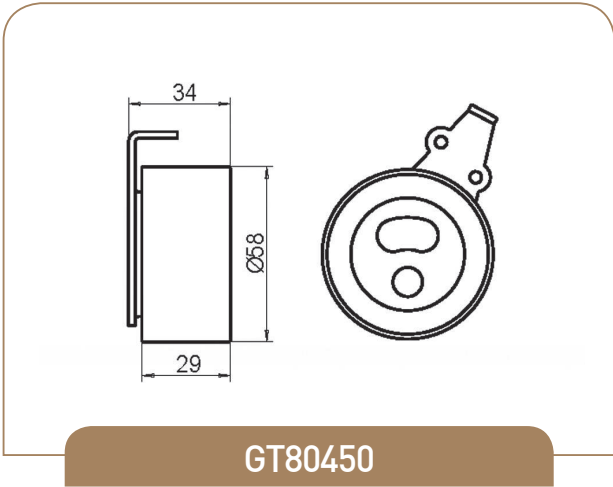
GT80370

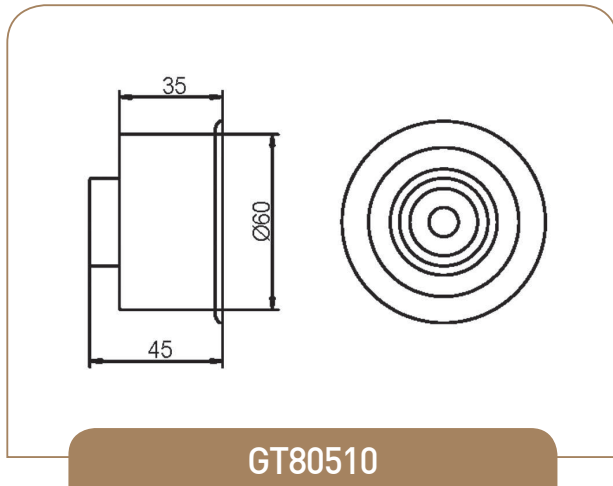


GT80380

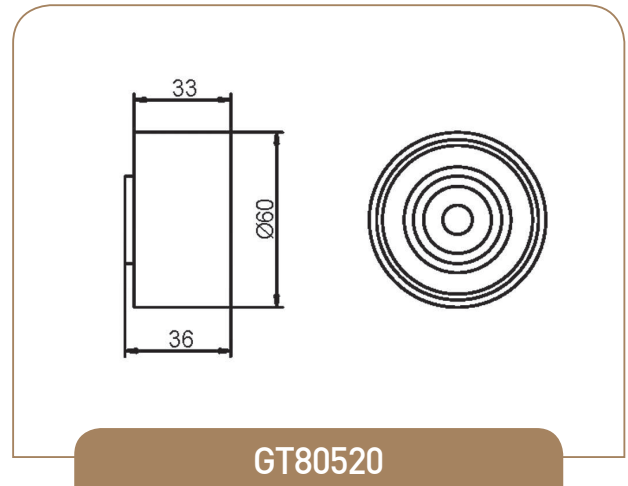


# Brief Drawing

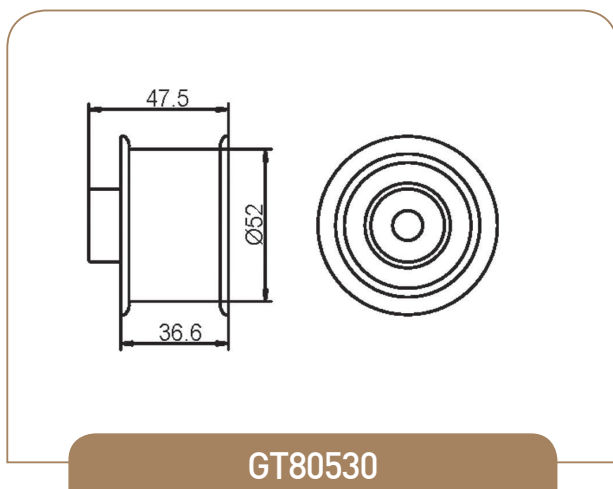




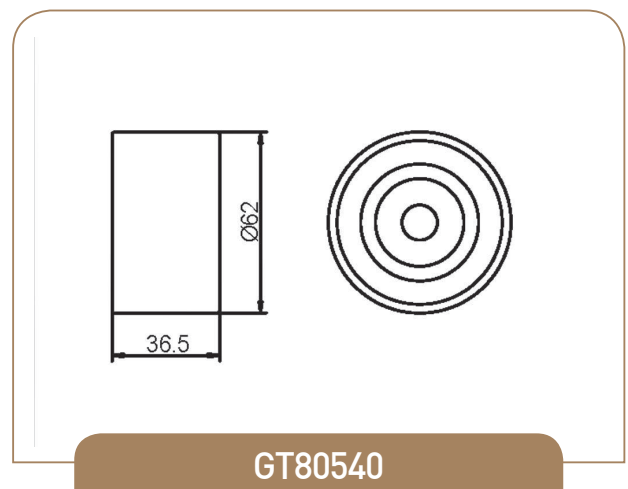
GT80510



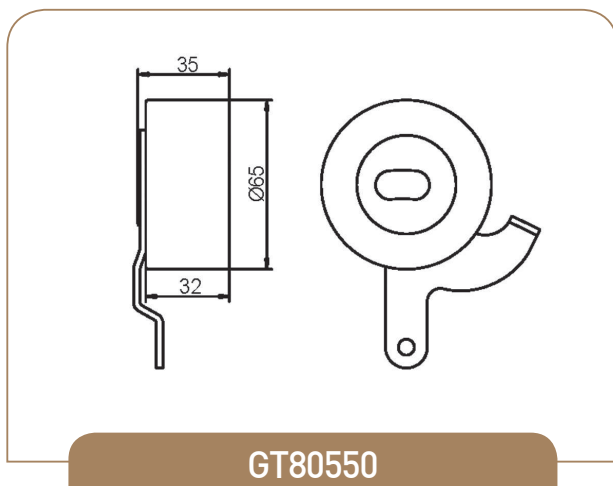
GT80520



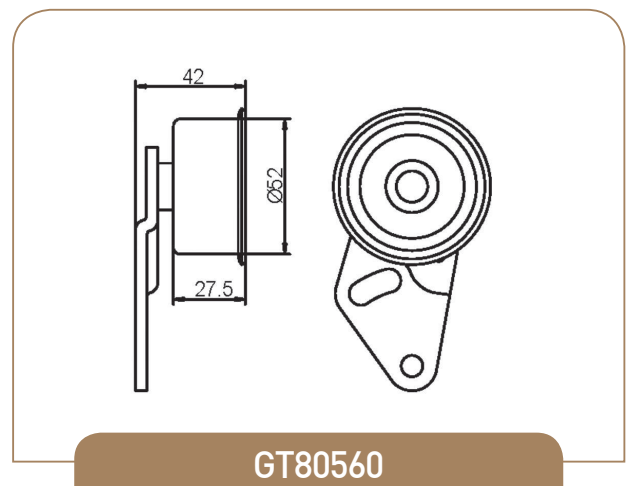
GT80530



GT80540

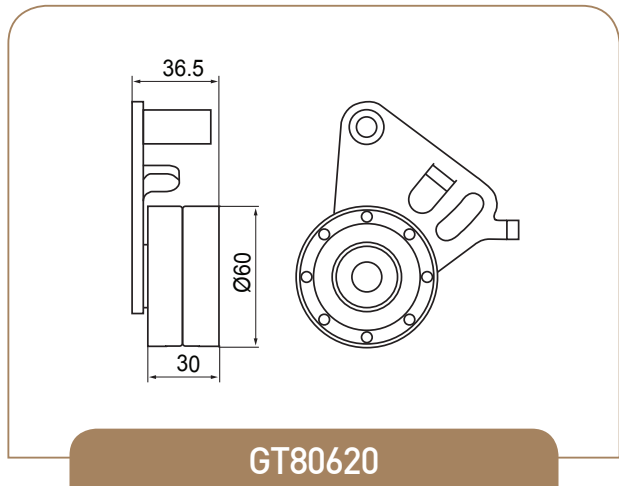
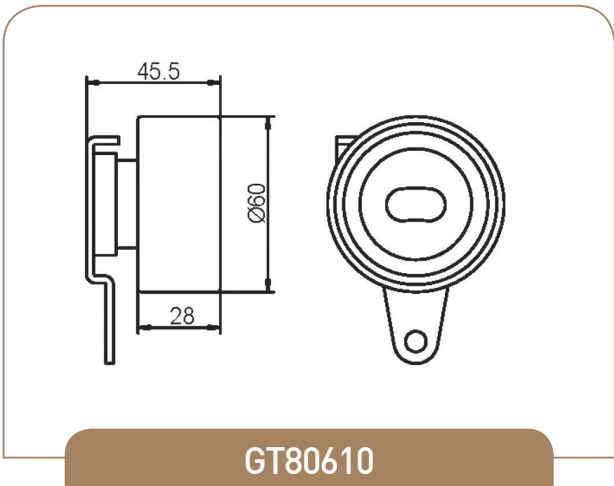
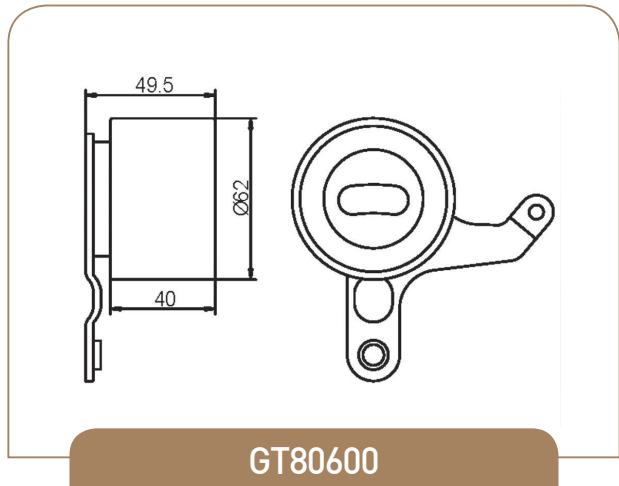
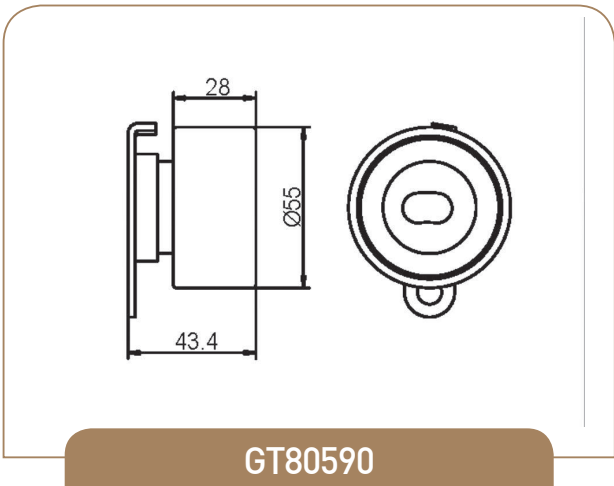
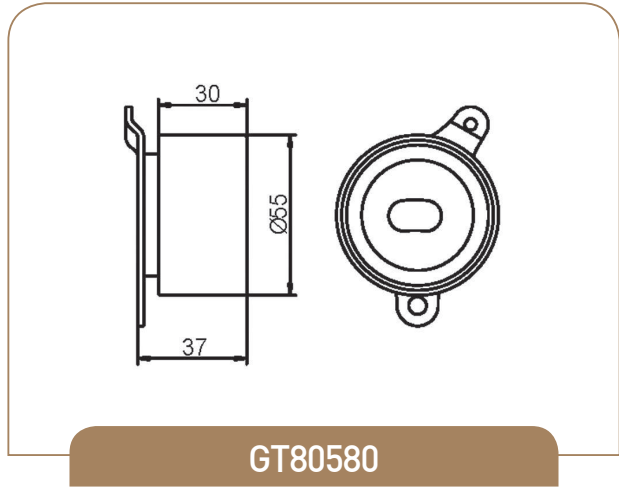
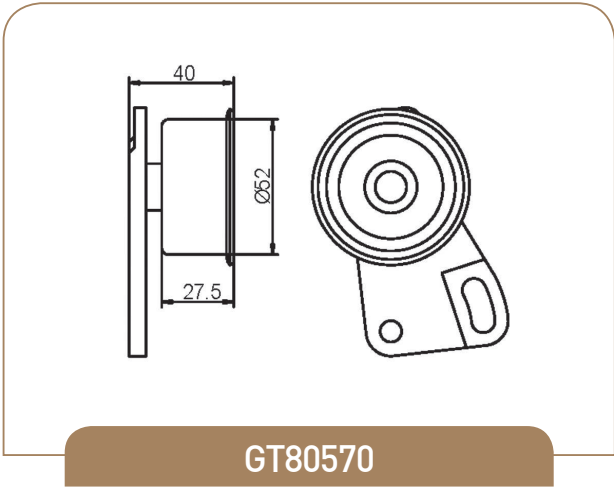


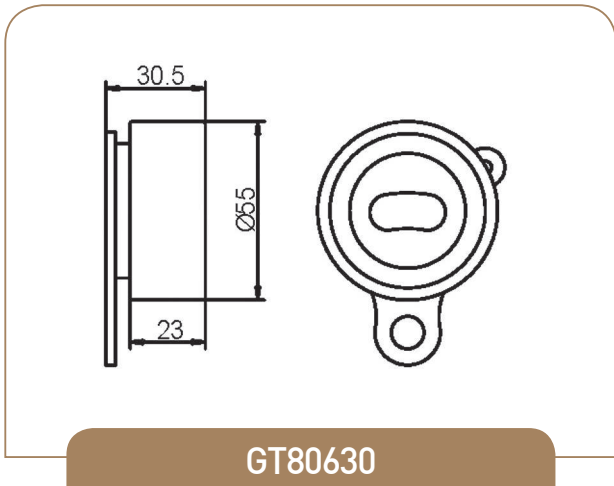
GT80550



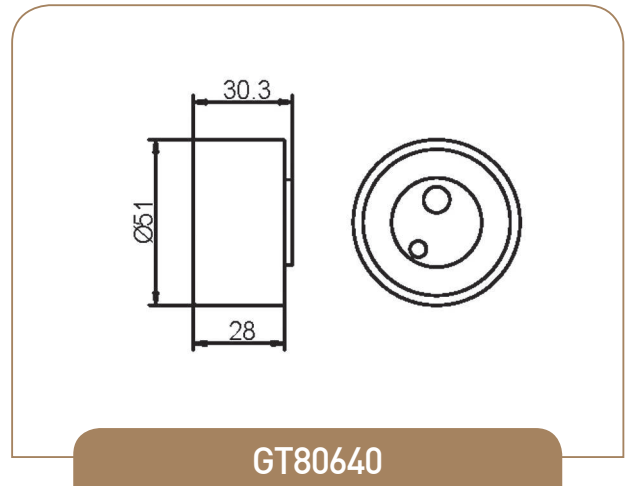
GT80560

# Brief Drawing

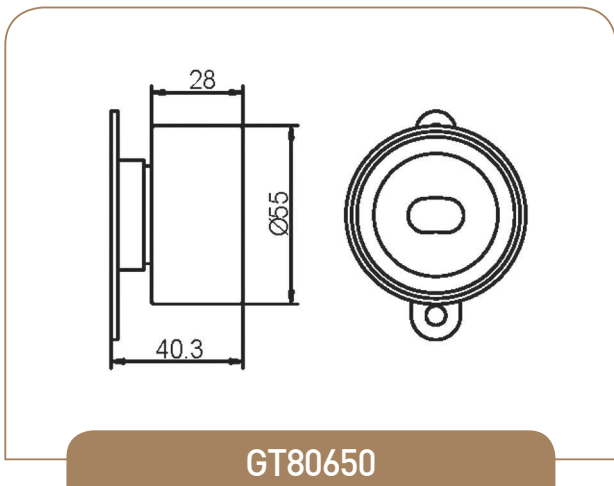




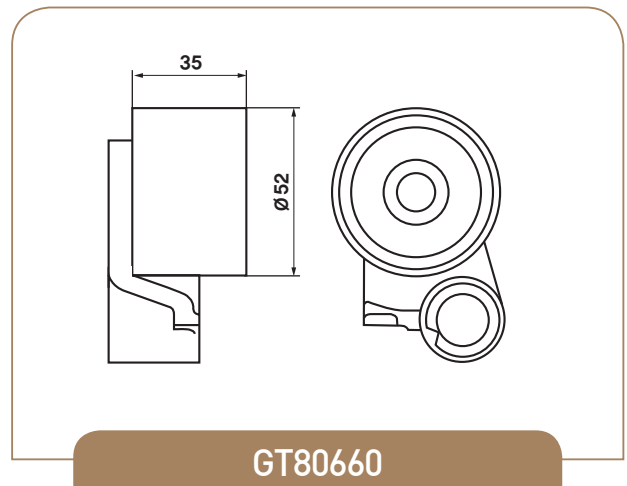
GT80630



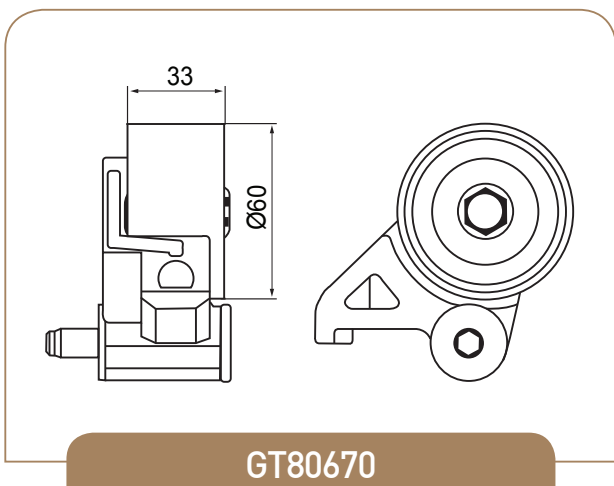
GT80640



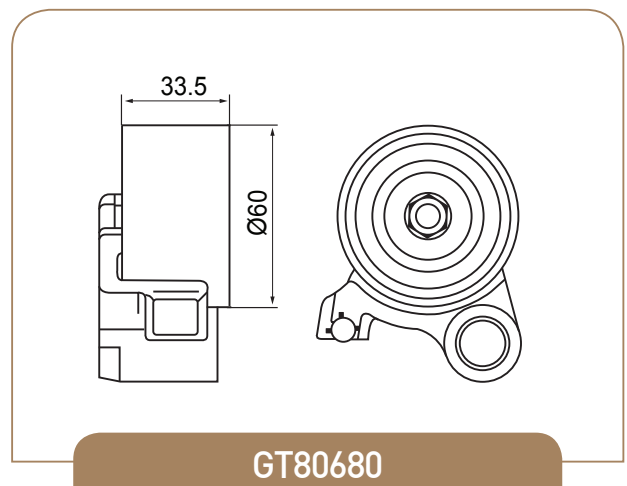
GT80650



GT80660

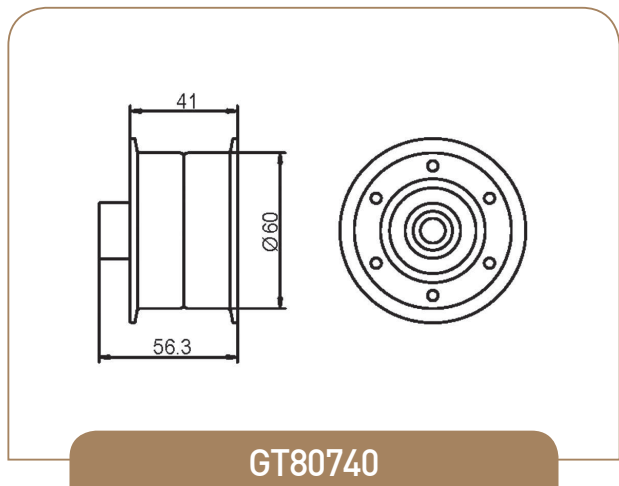
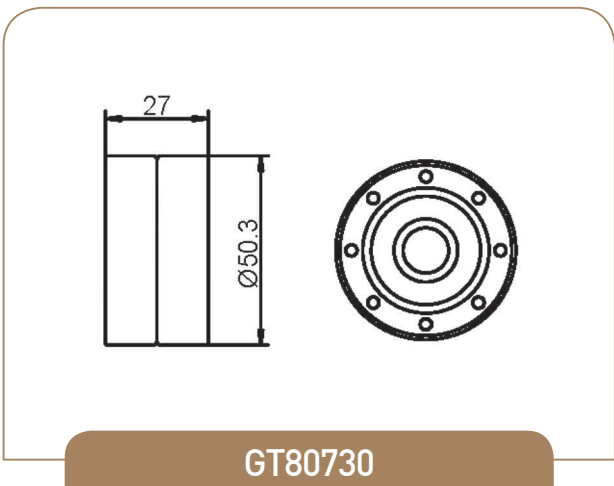
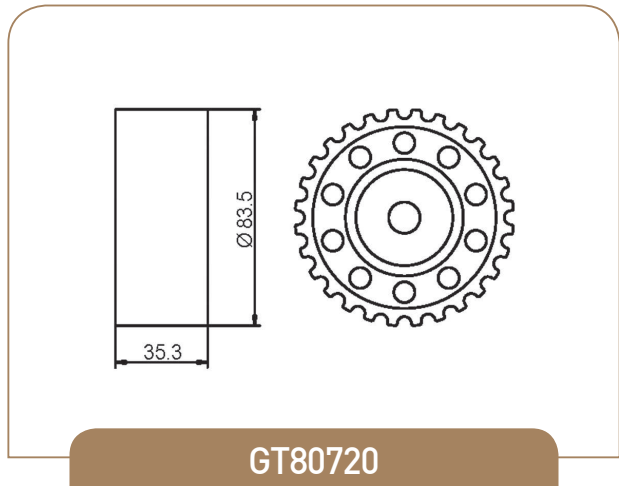
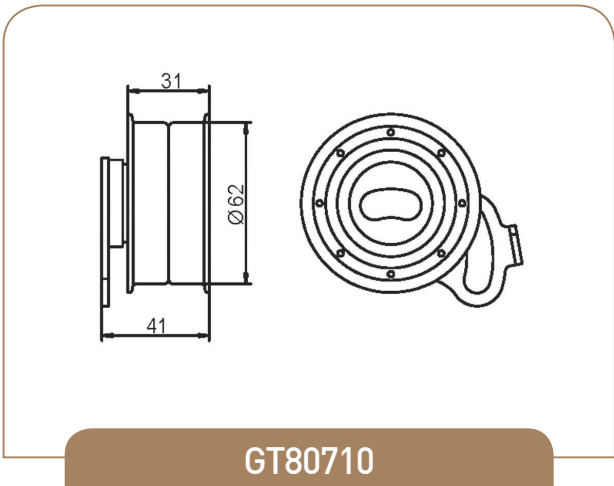
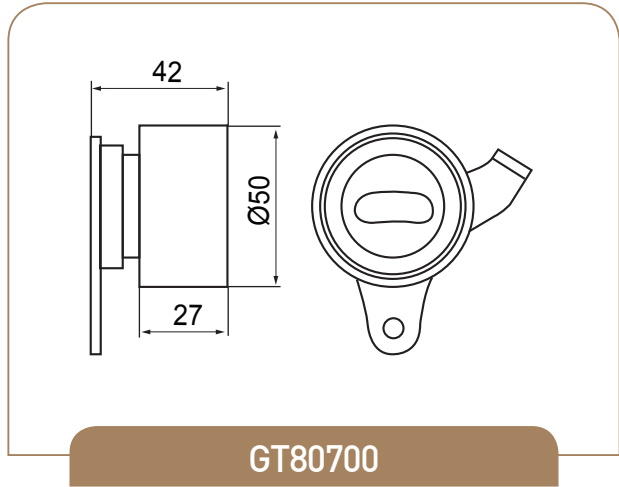
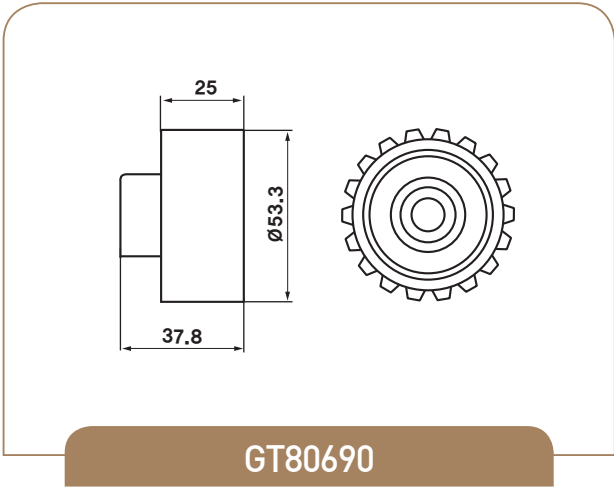


GT80670

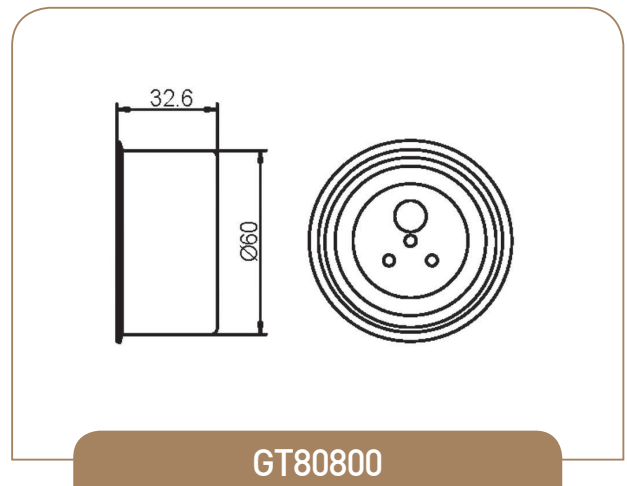
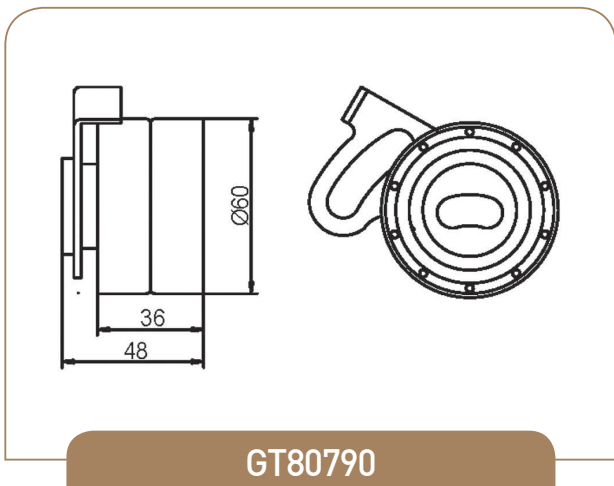
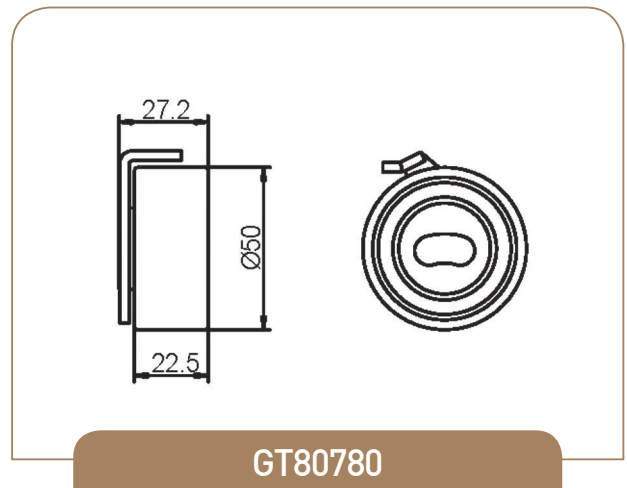
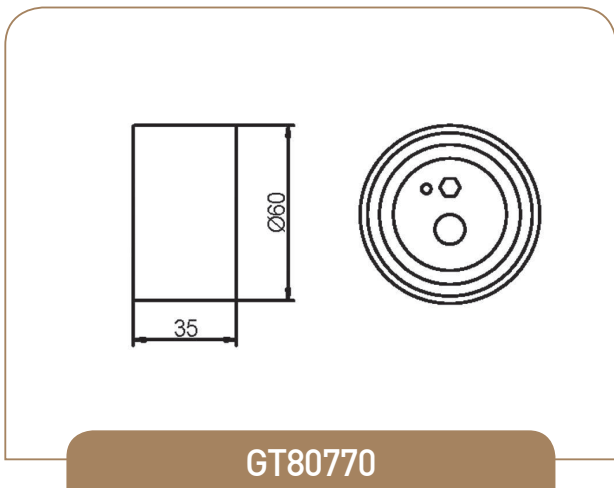
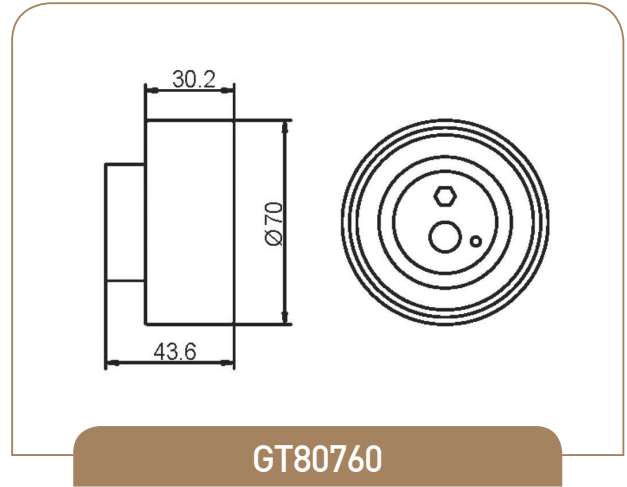
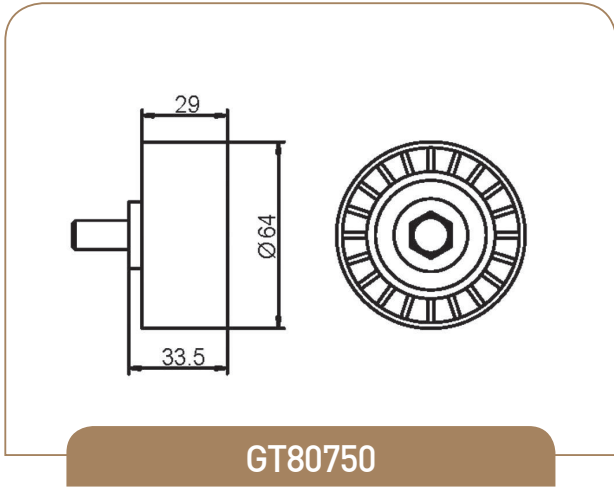


GT80680

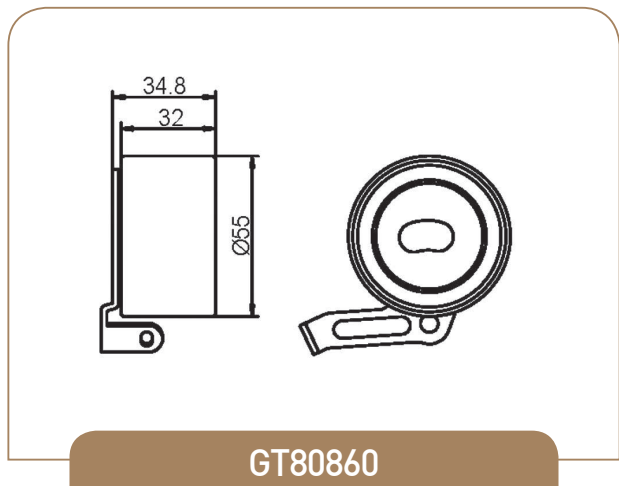
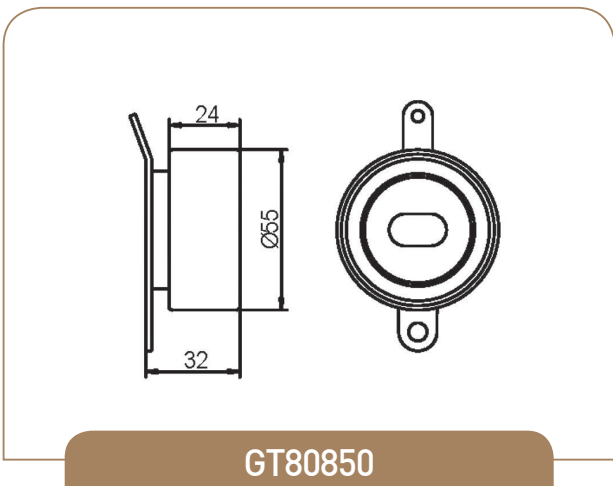
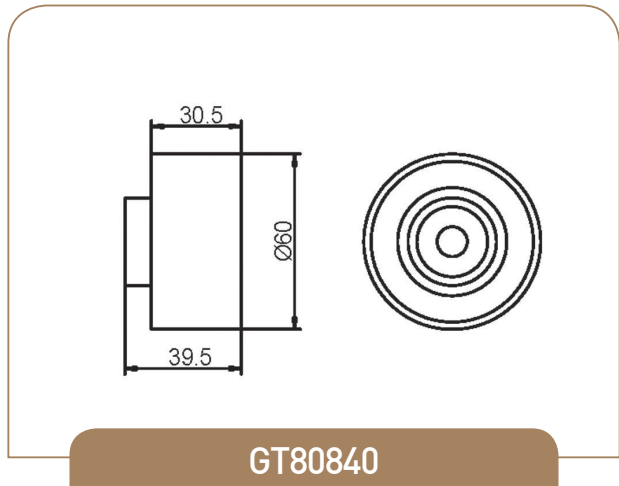
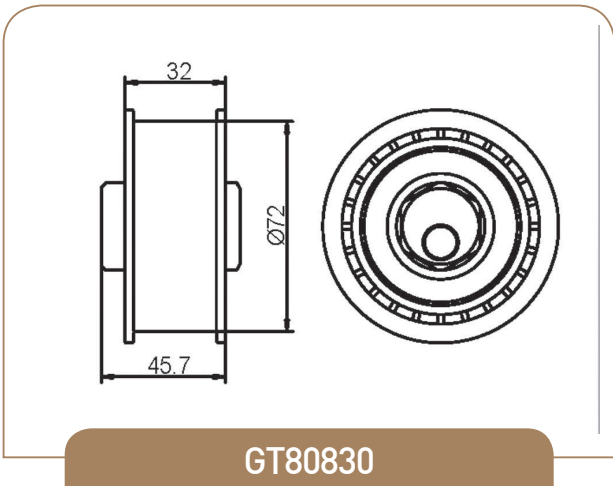
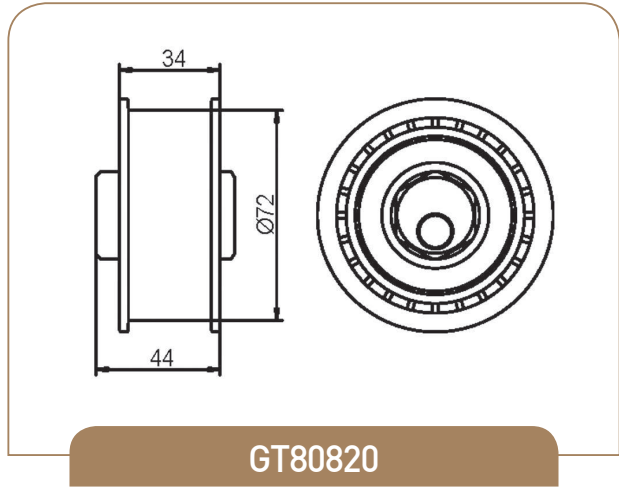
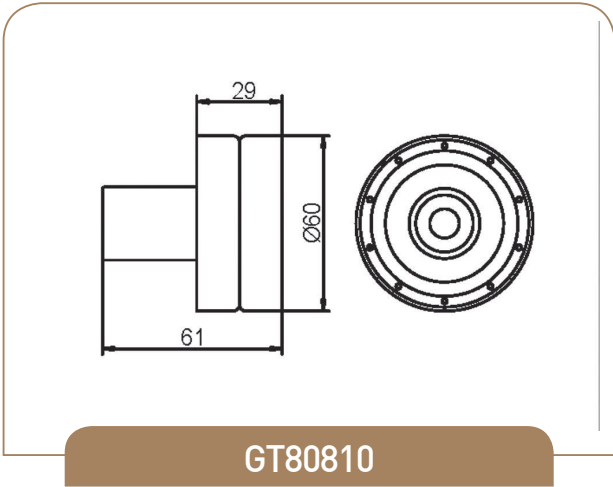
# Brief Drawing

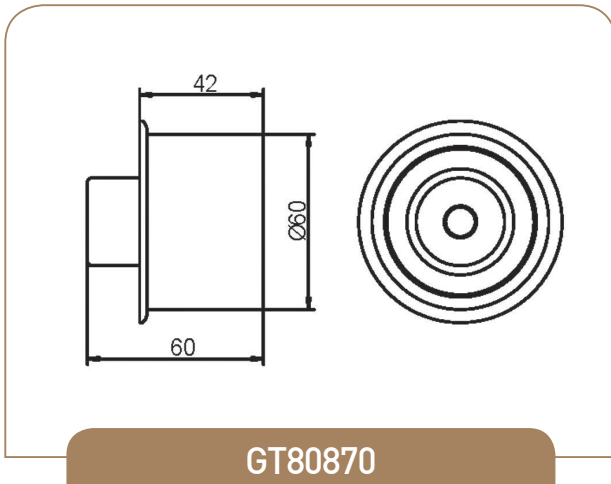




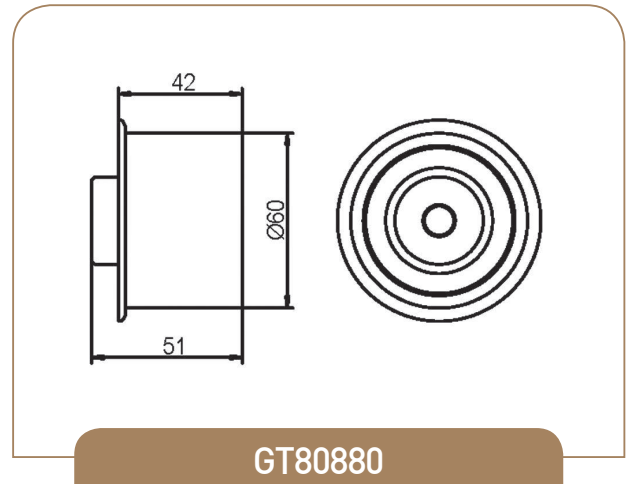


# Brief Drawing

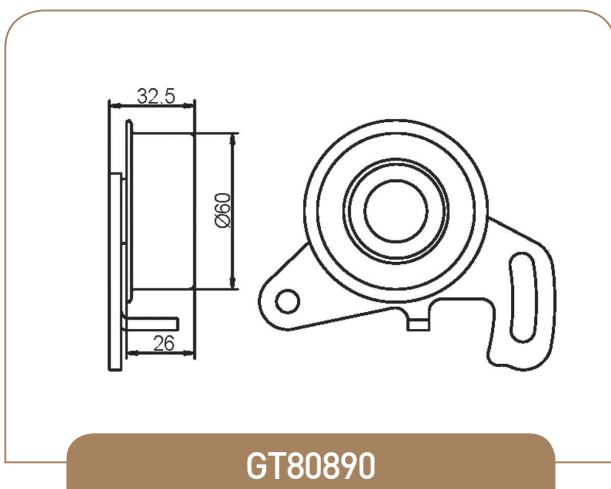




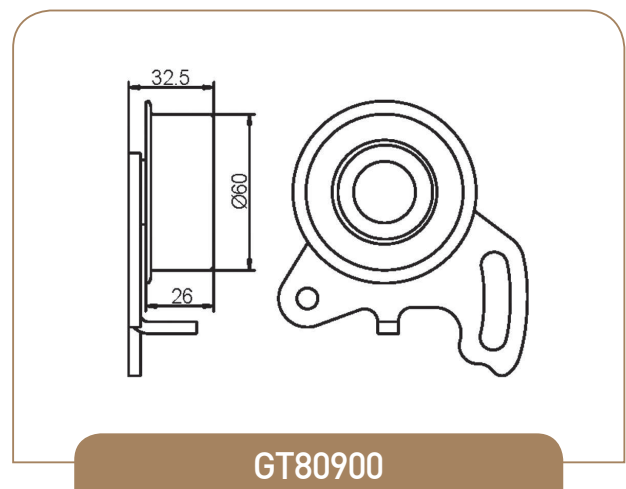
GT80870



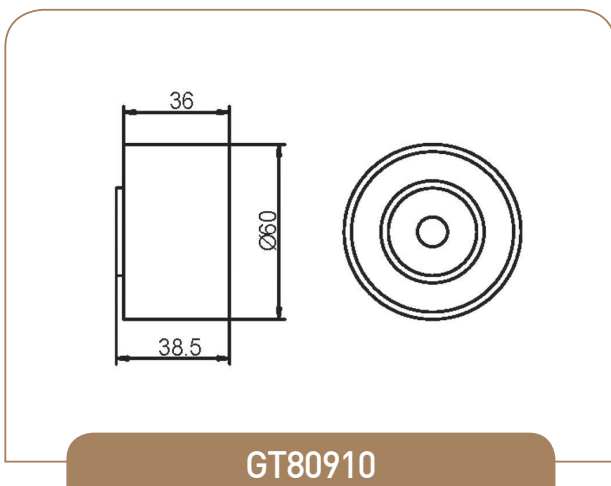
GT80880



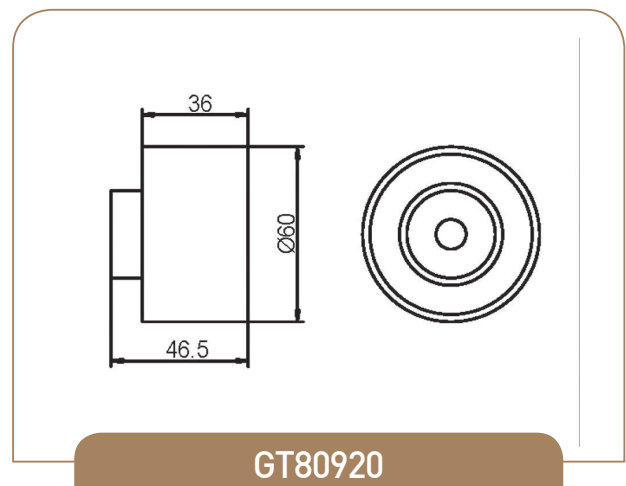
GT80890



GT80900

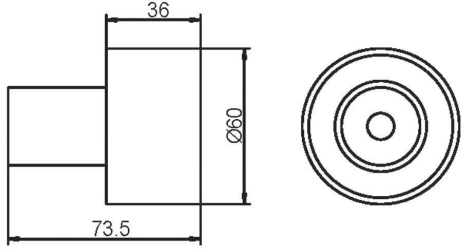


GT80910

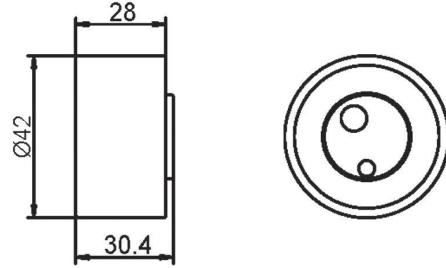


GT80920

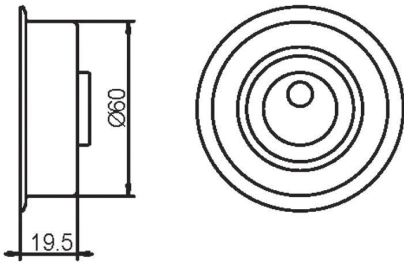
# Brief Drawing



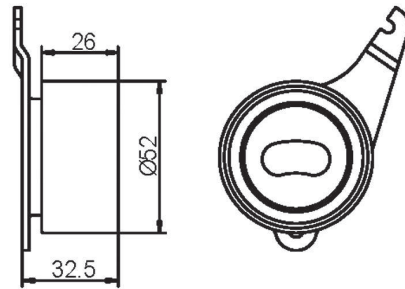
GT80930



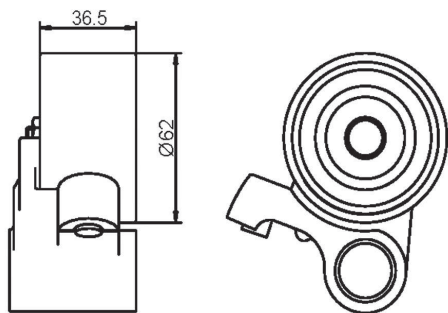
GT80940



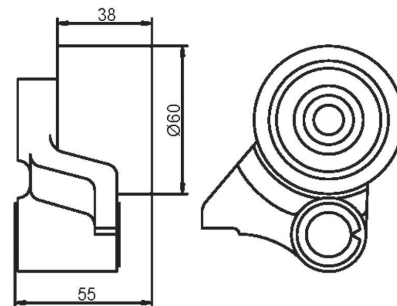
GT80950



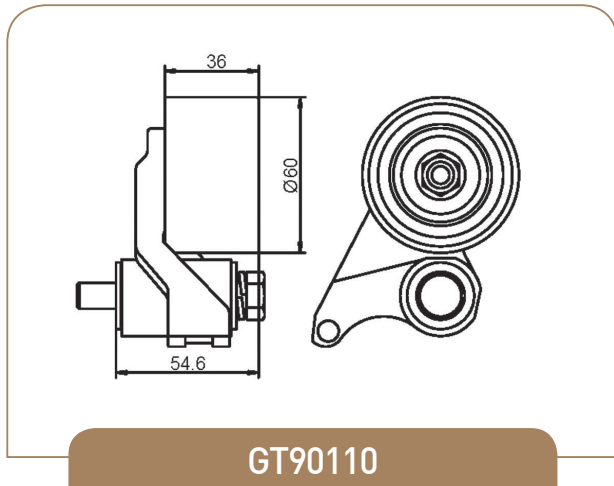
GT80970



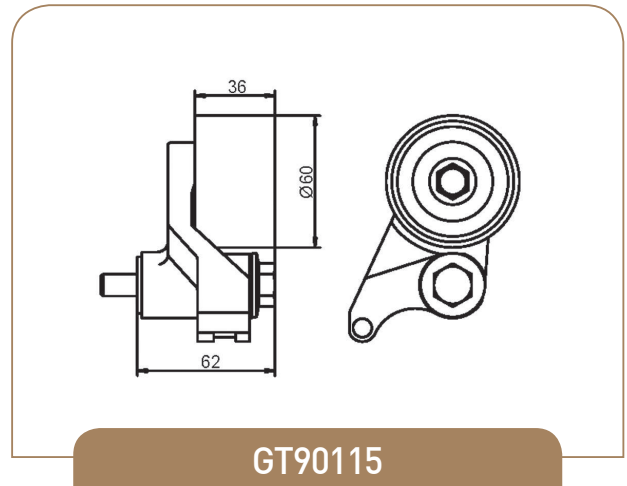
GT90090



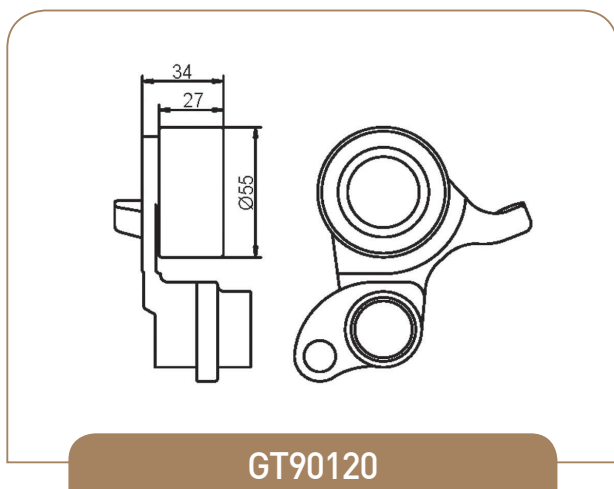
GT90100



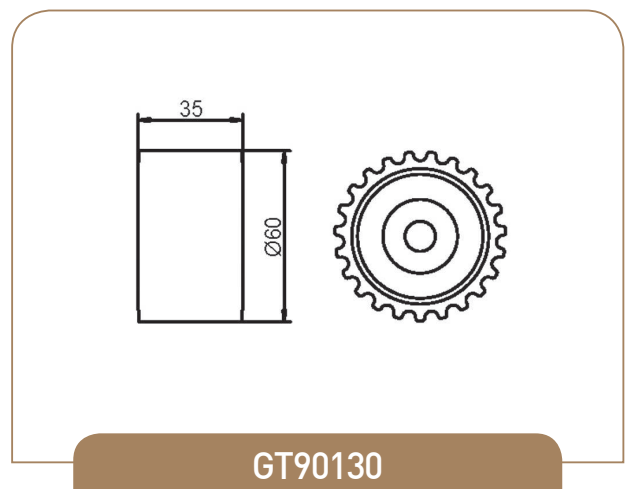
GT90110



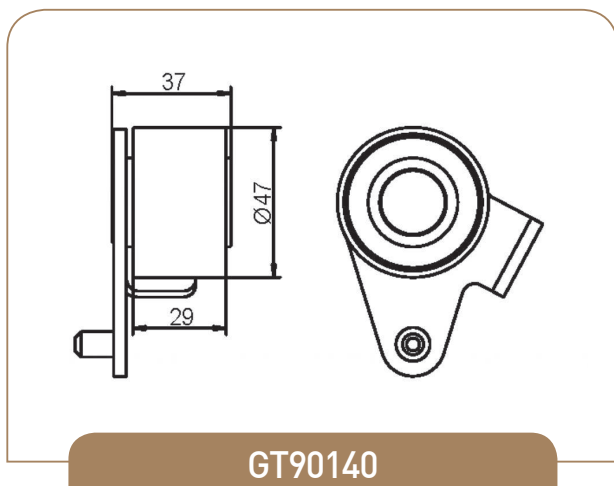
GT90115



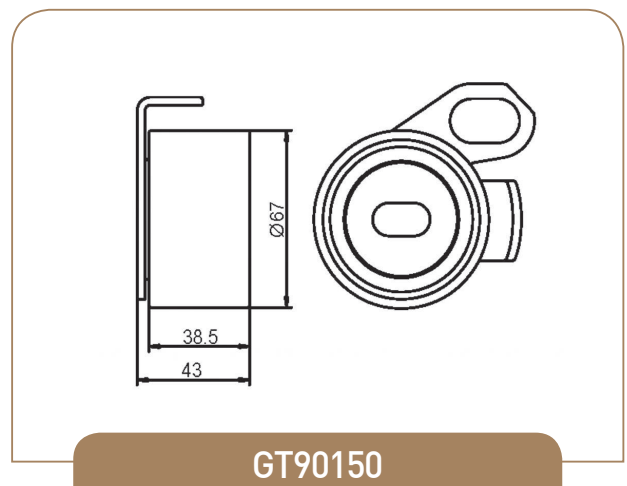
GT90120



GT90130

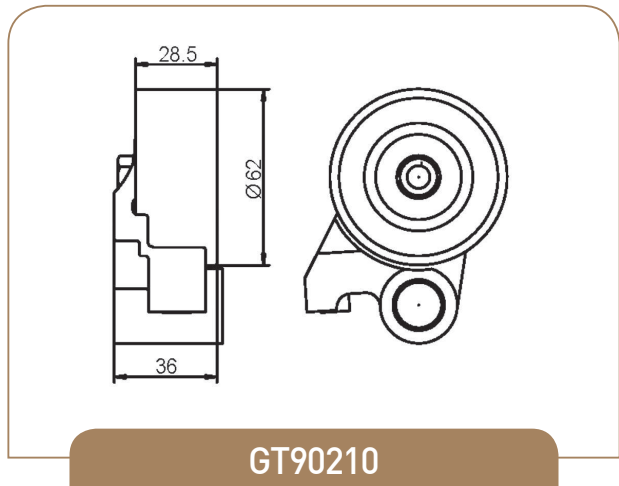
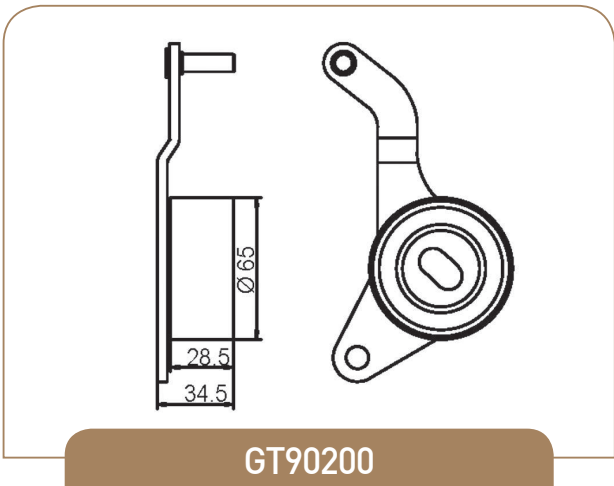
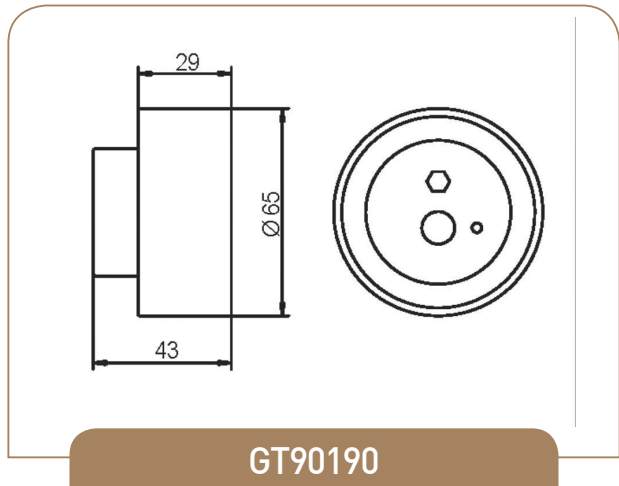
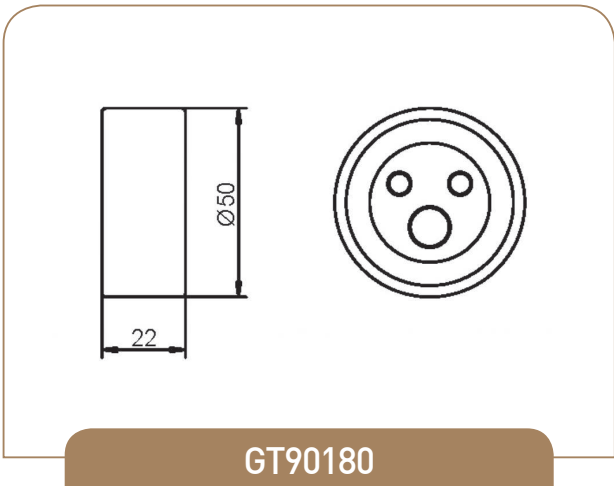
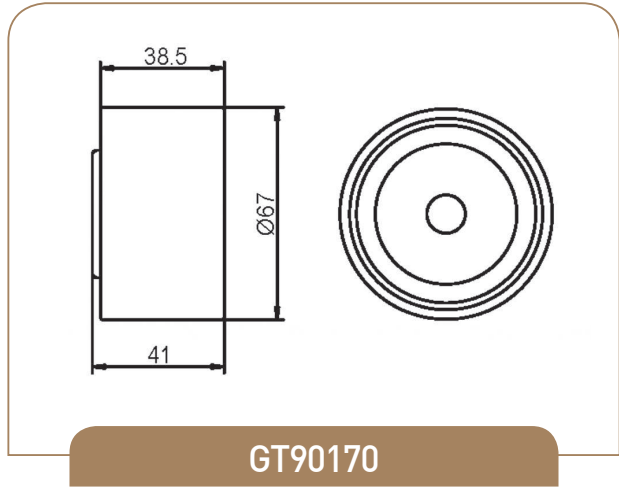
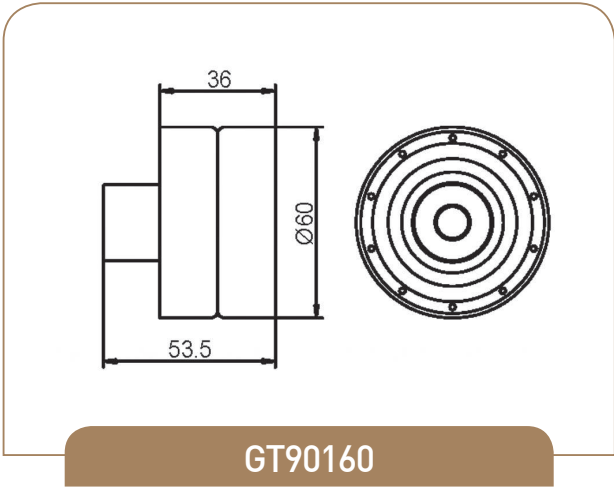


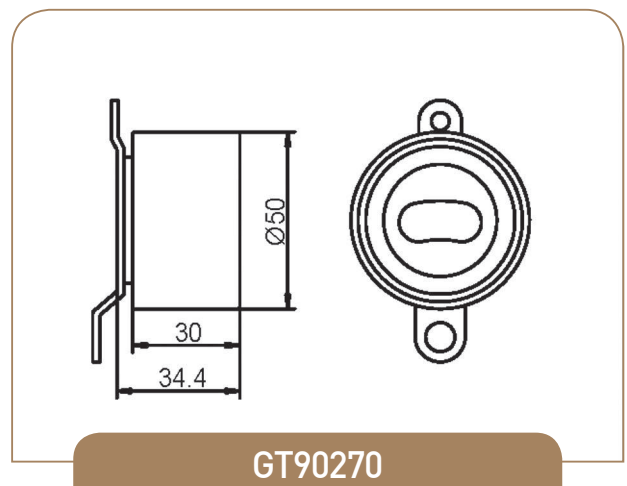
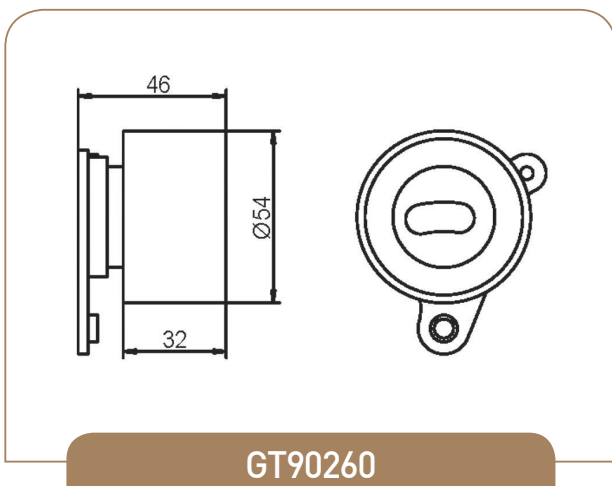
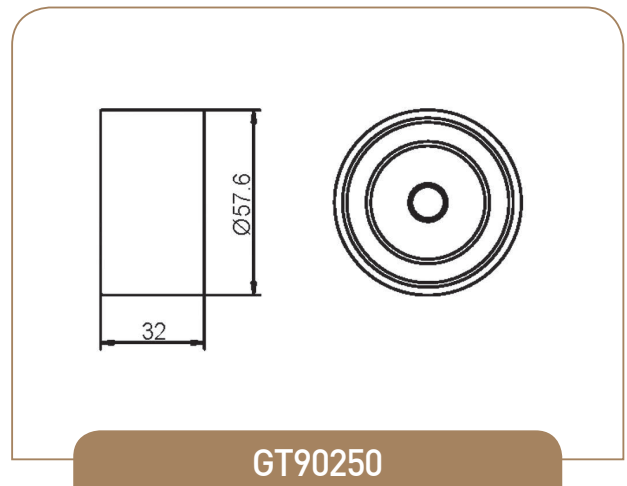
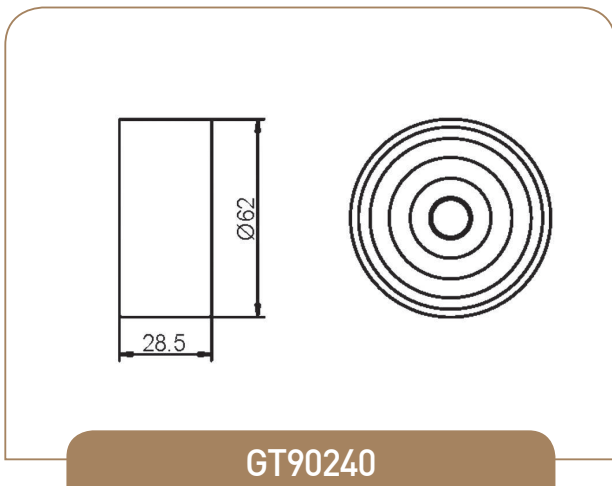
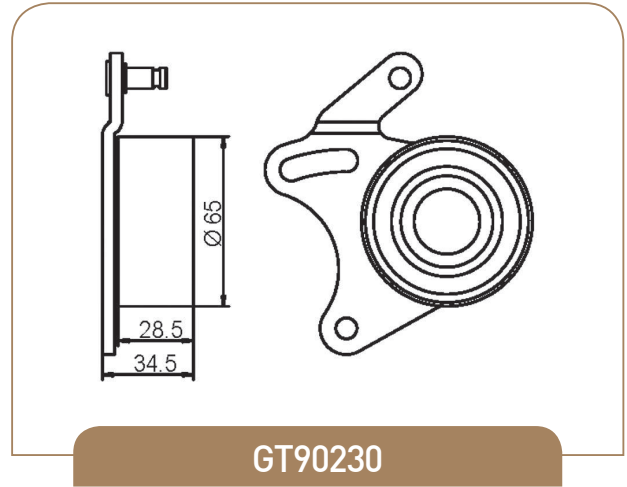
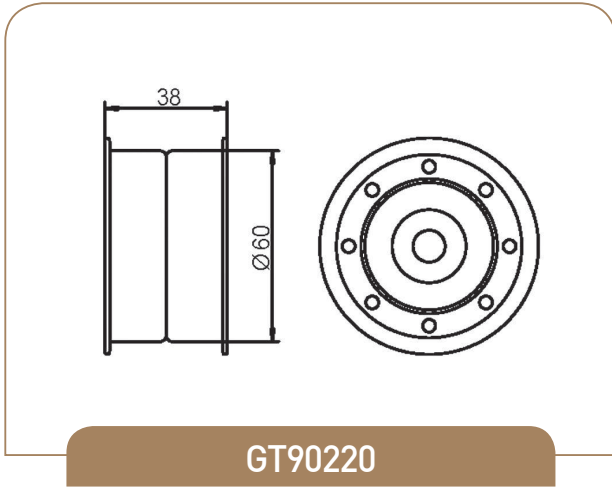
GT90140



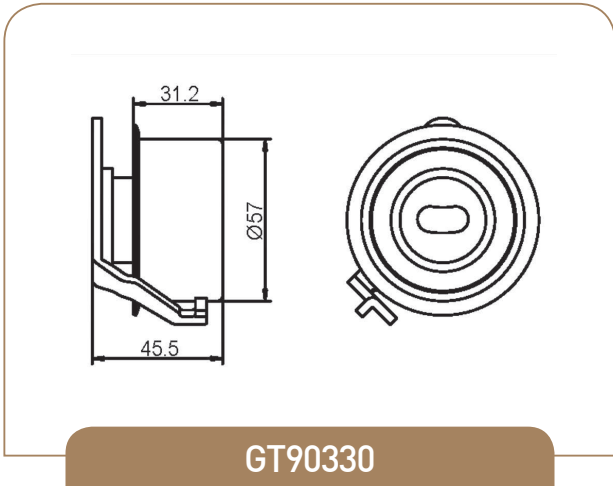
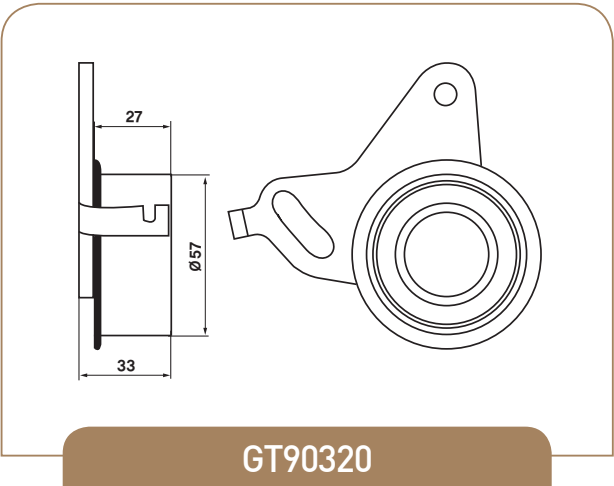
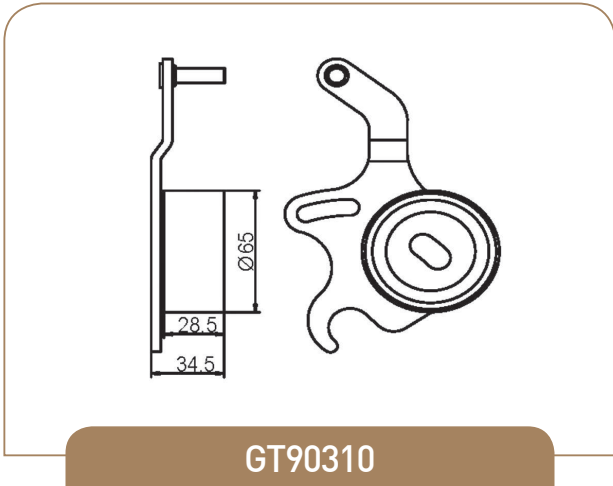
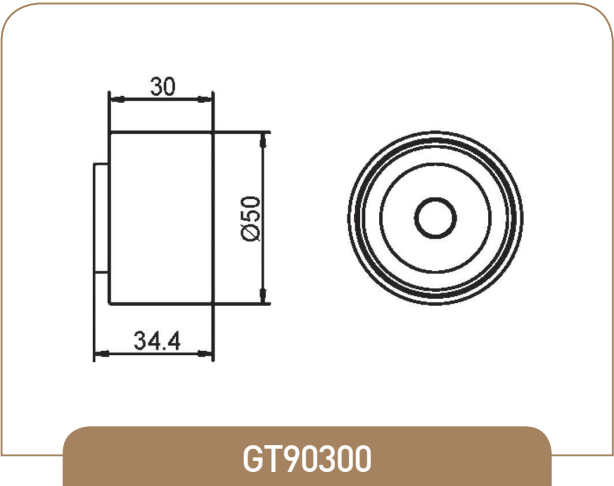
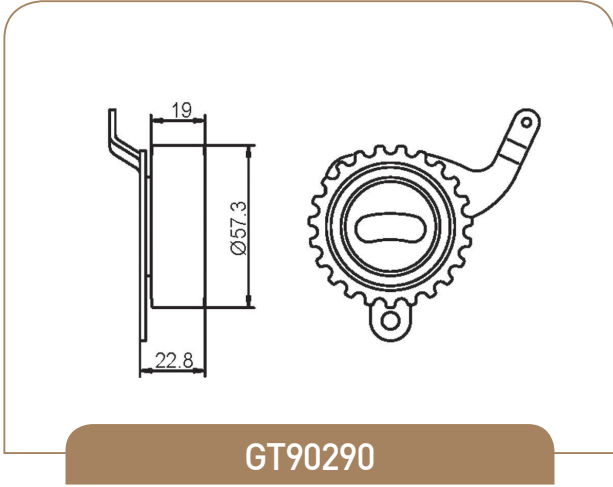
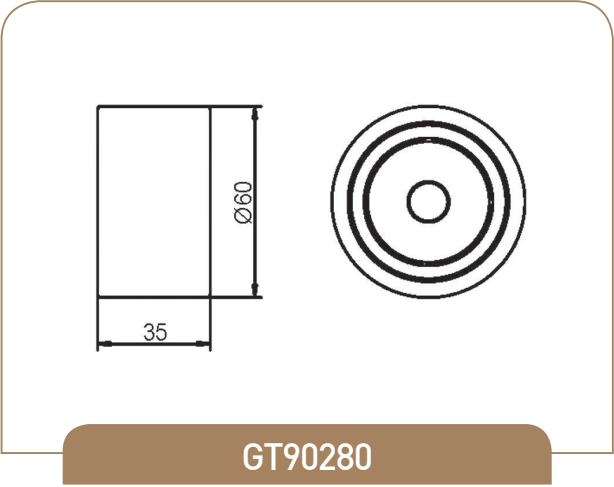
GT90150

# Brief Drawing

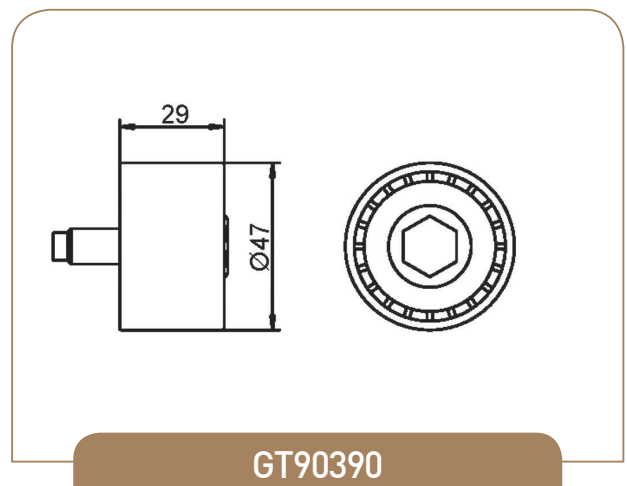
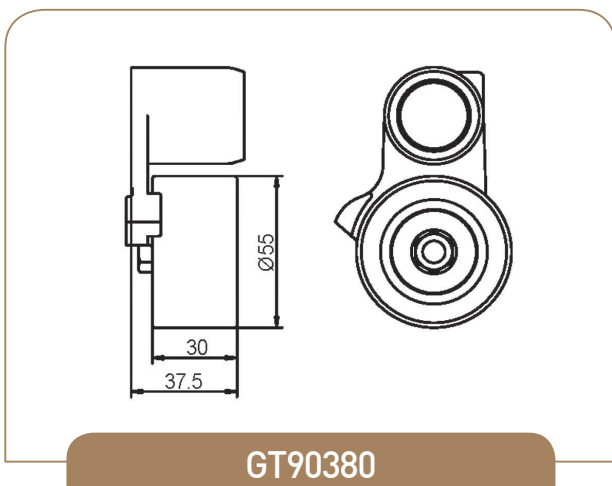
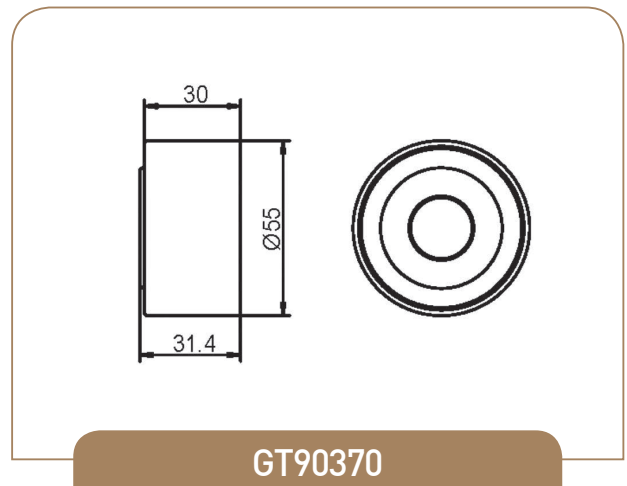
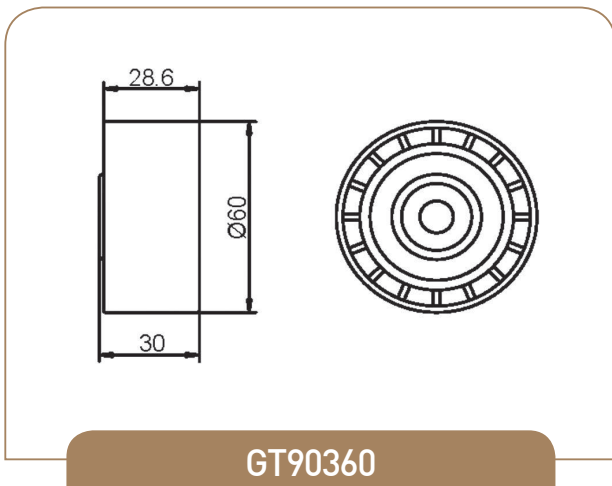
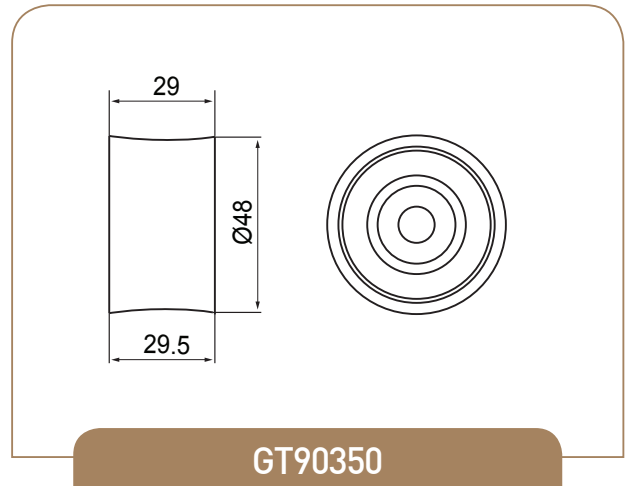
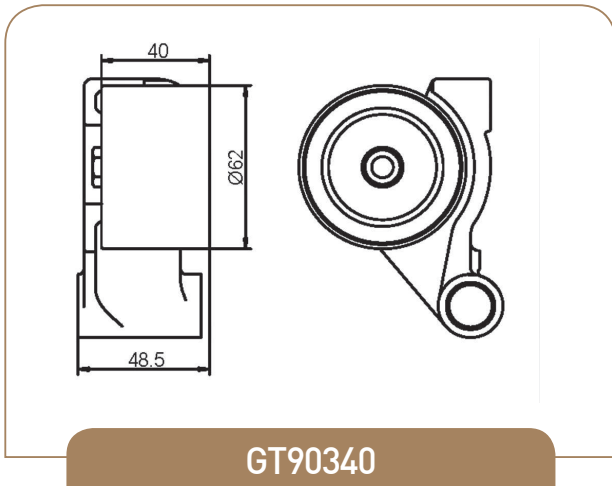




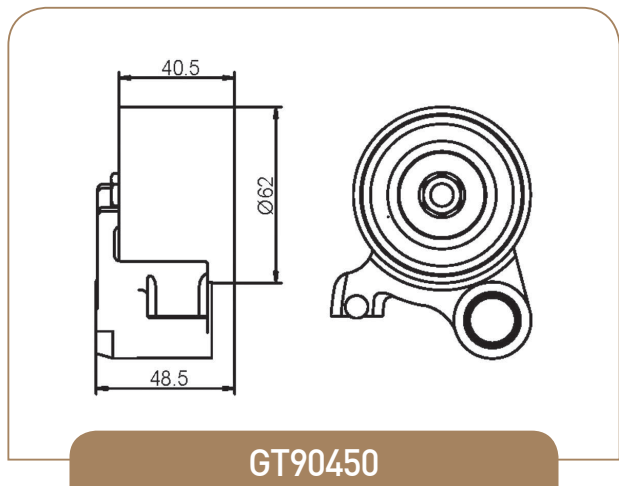
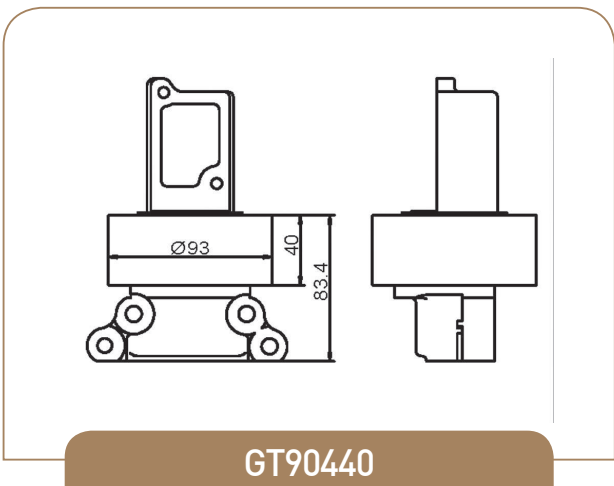
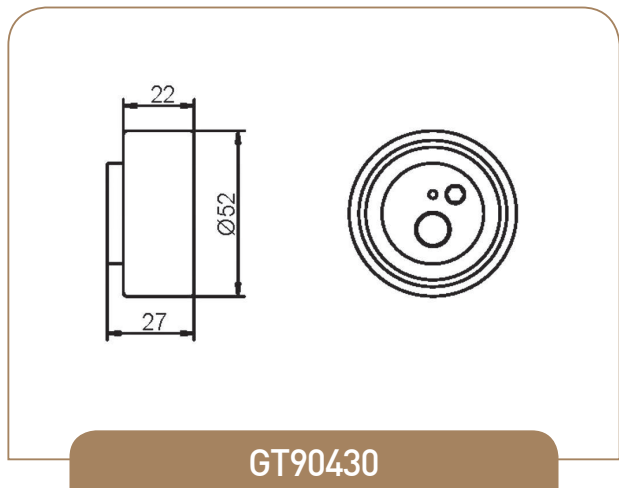
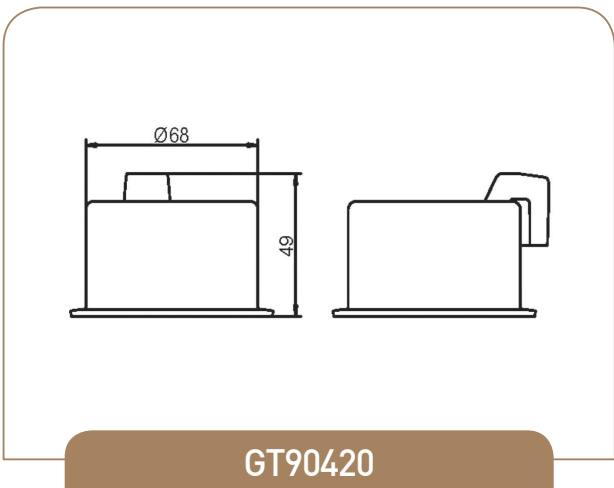
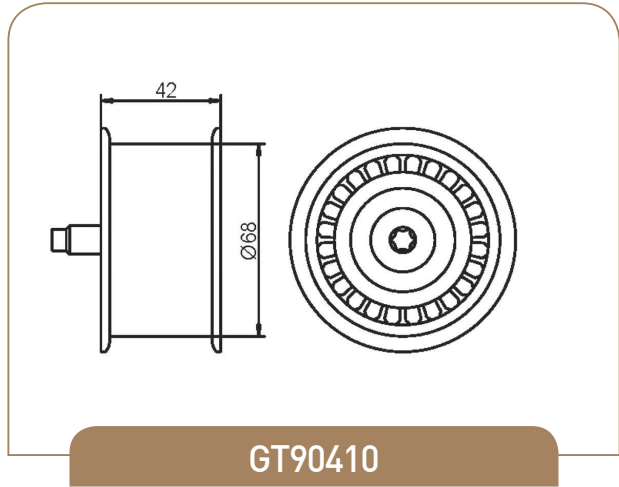
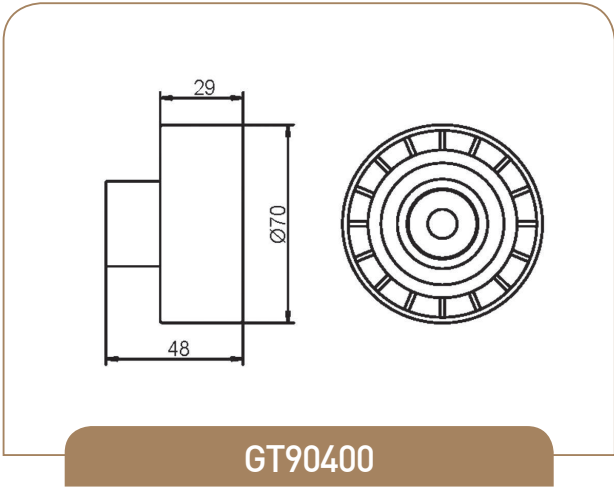
# Brief Drawing

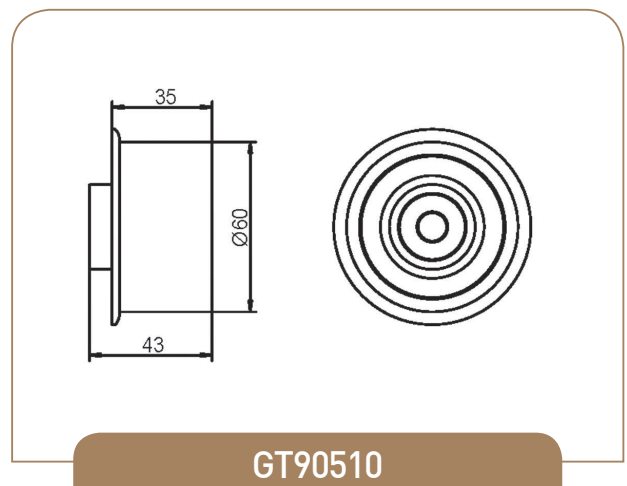
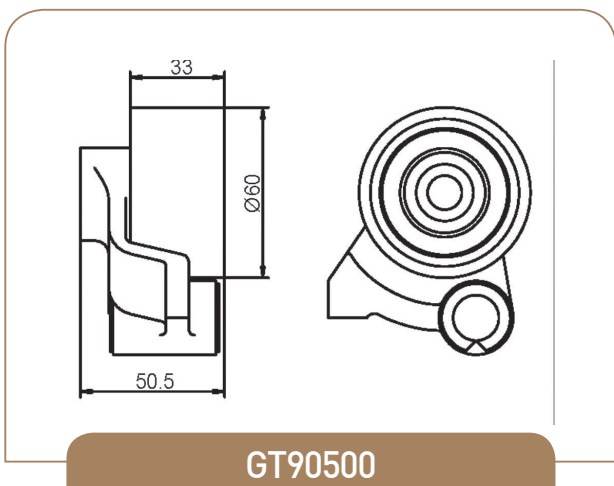
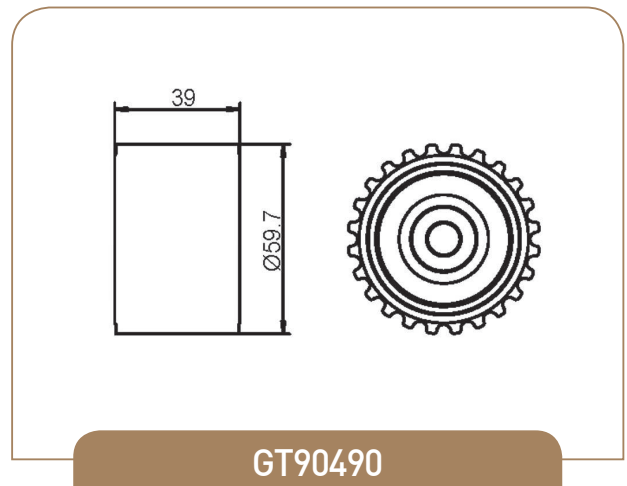
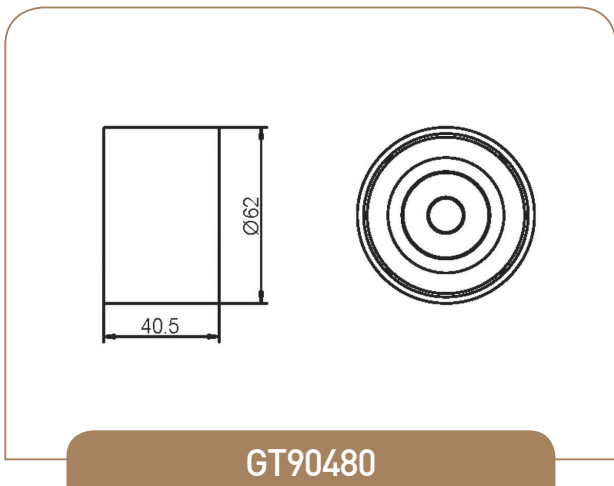
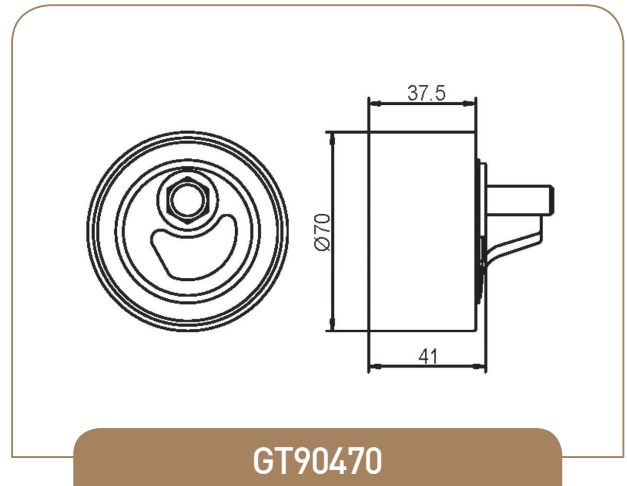
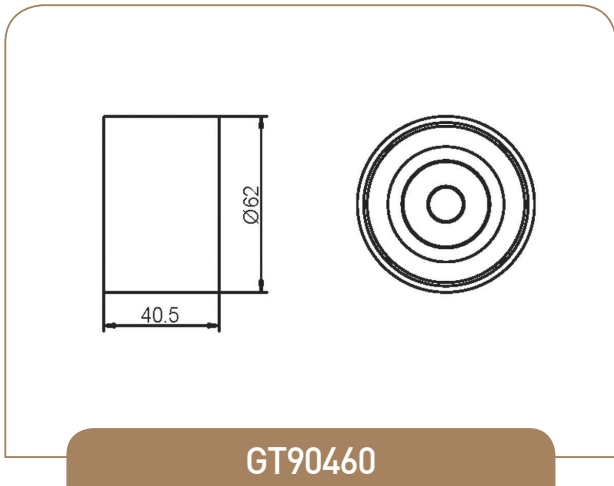




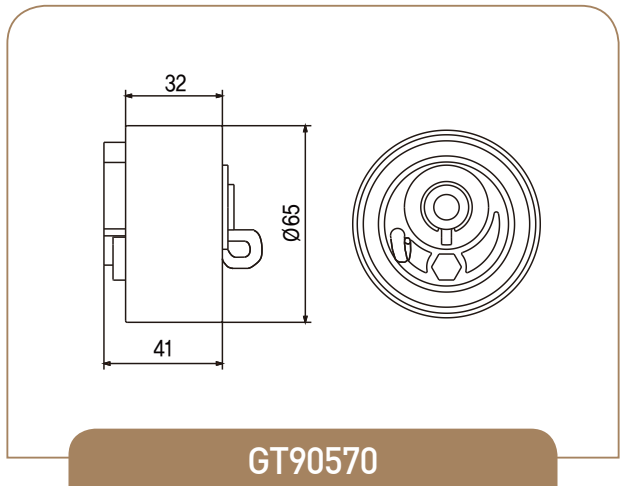
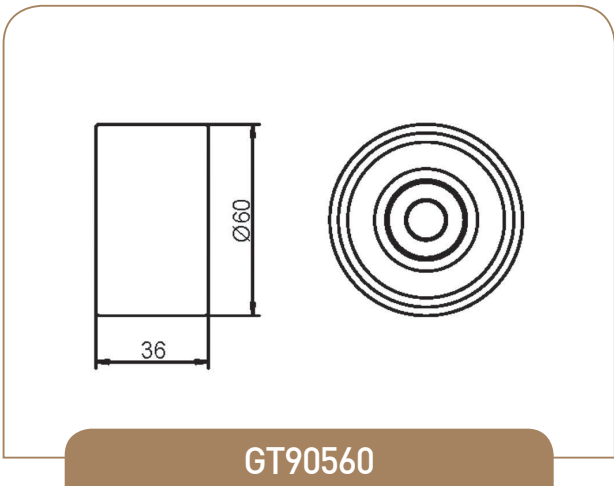
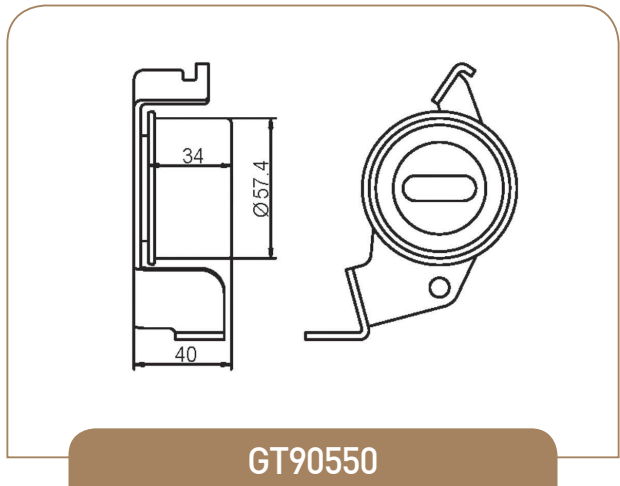
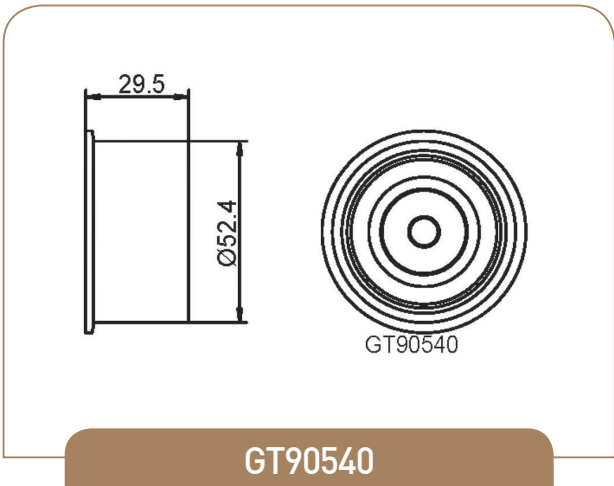
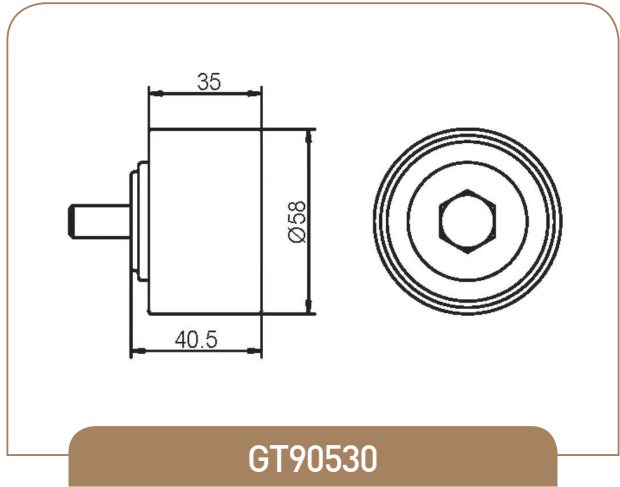
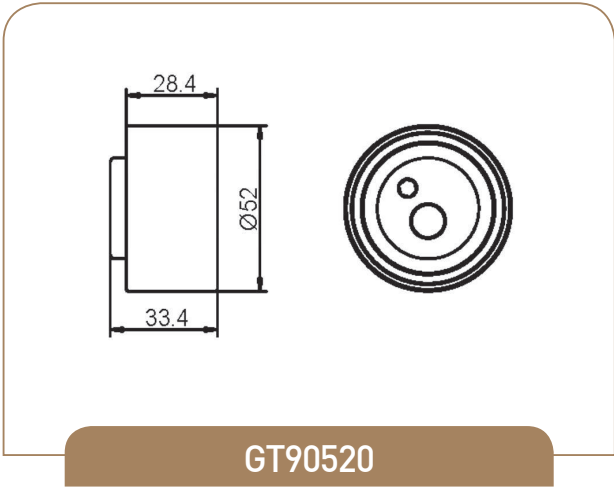


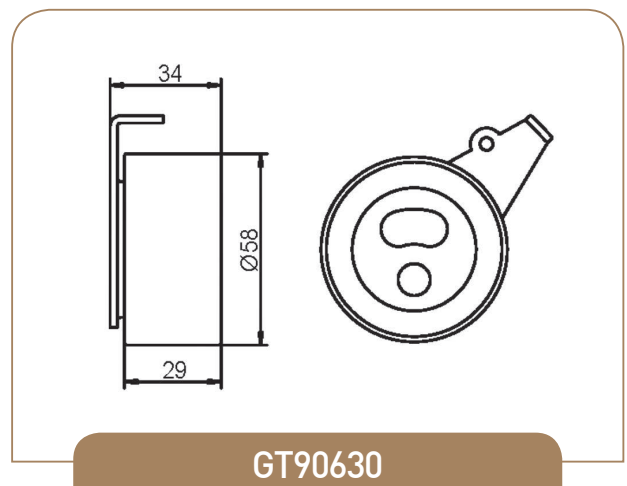
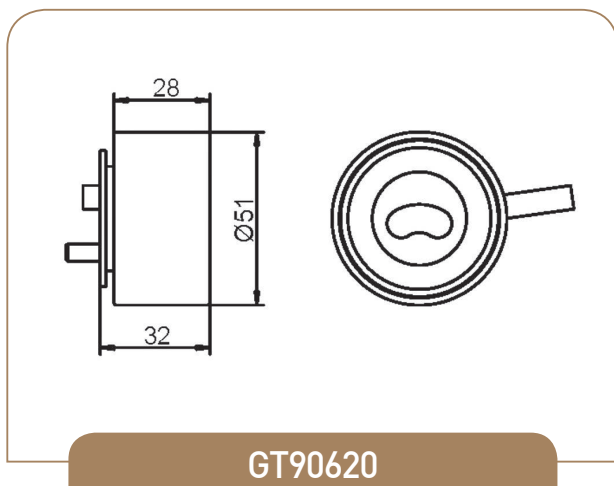
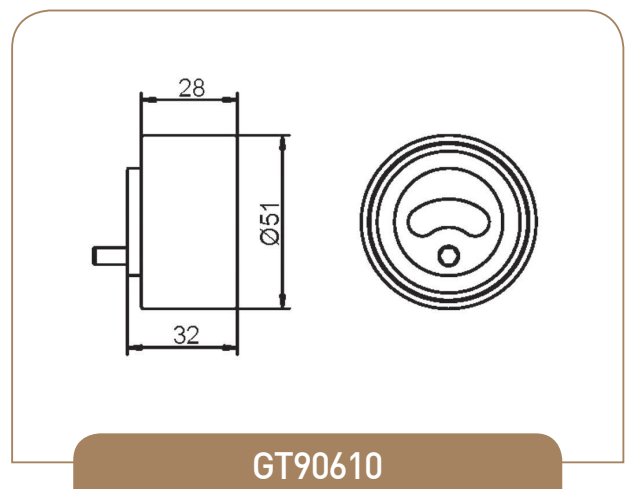
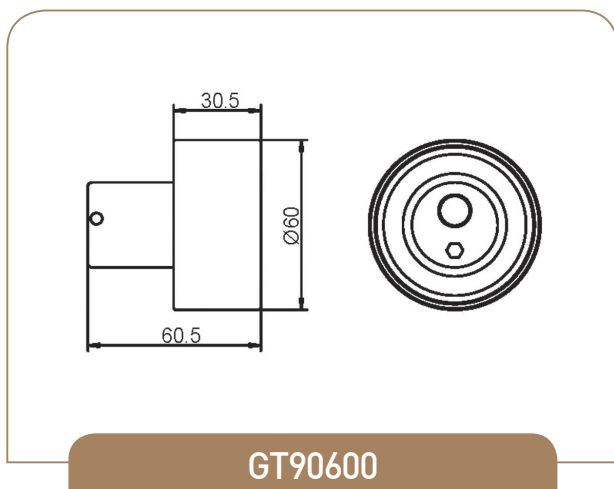
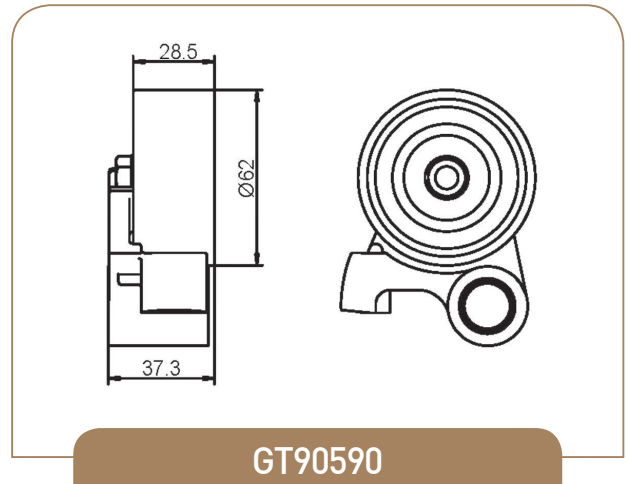
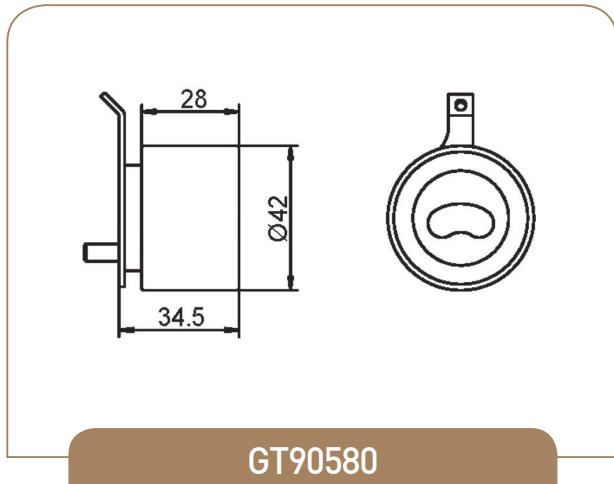
# Brief Drawing



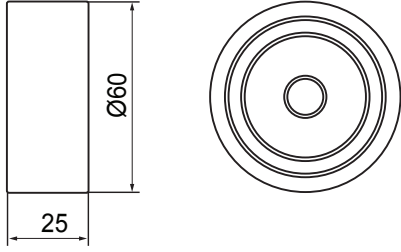


# Brief Drawing

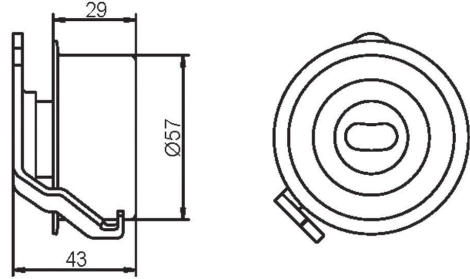




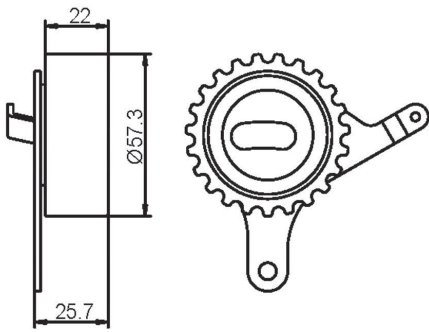
# Brief Drawing



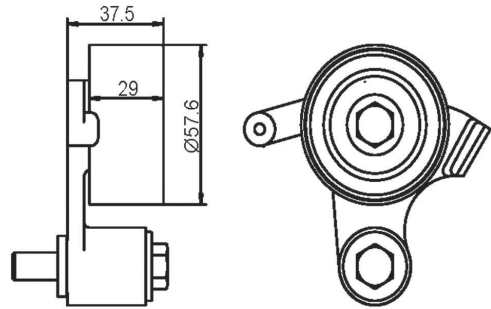
GT90640



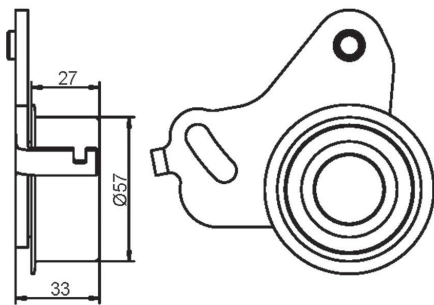
GT90650



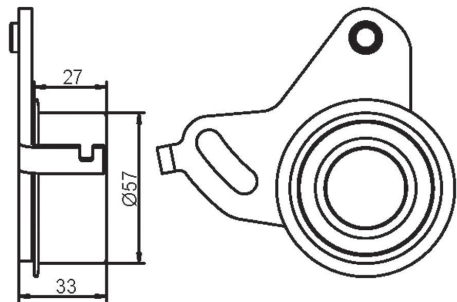
GT90660



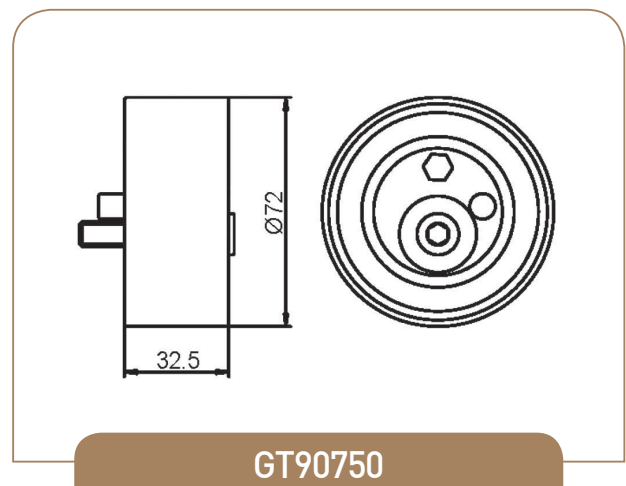
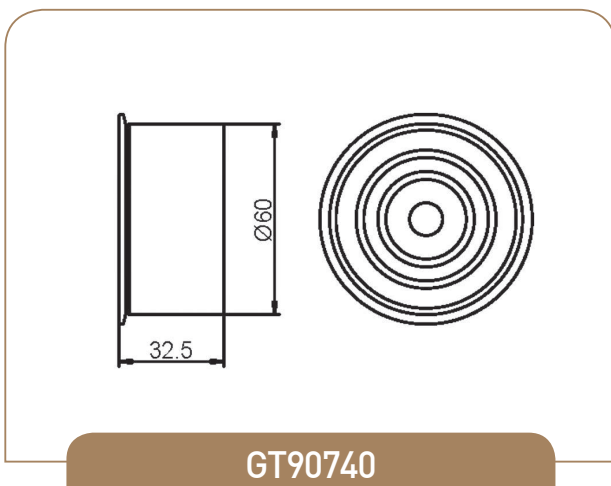
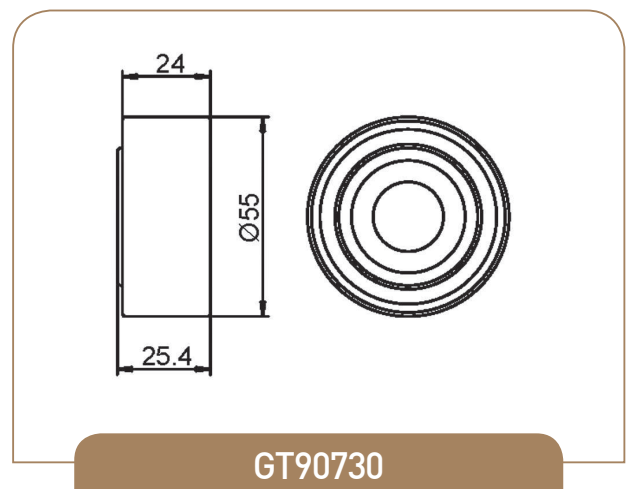
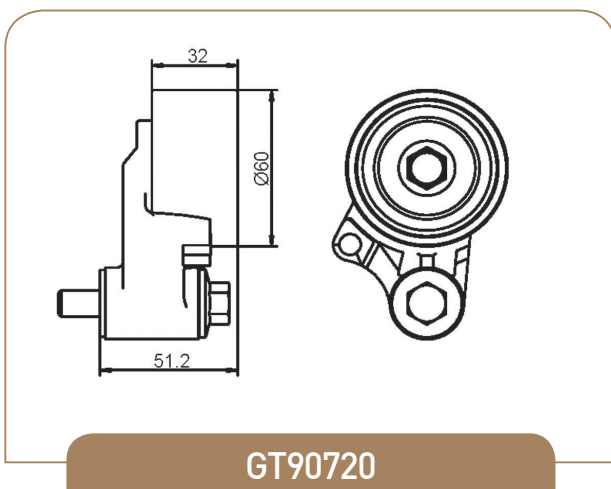
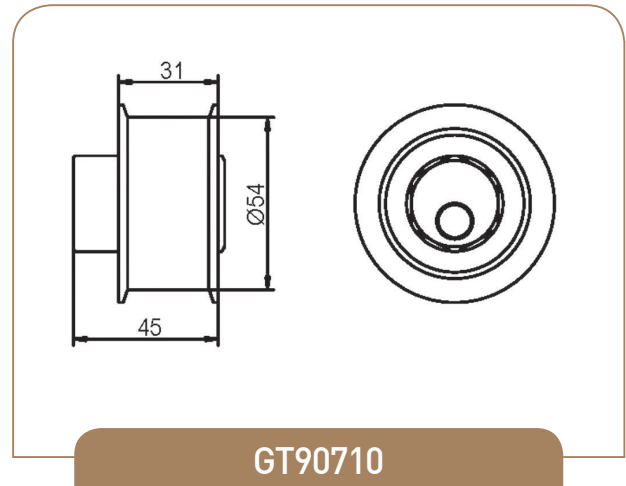
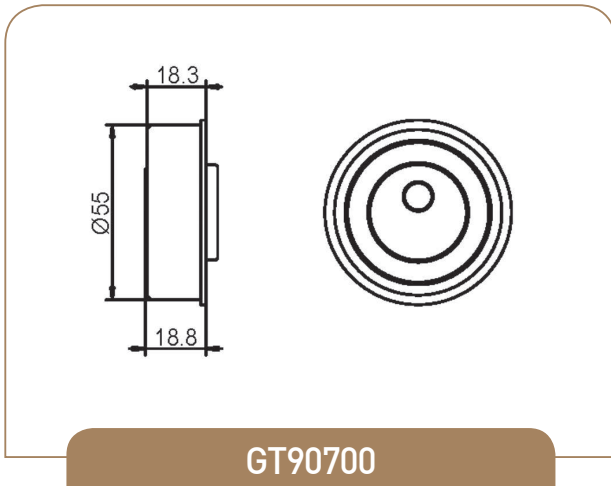
GT90670



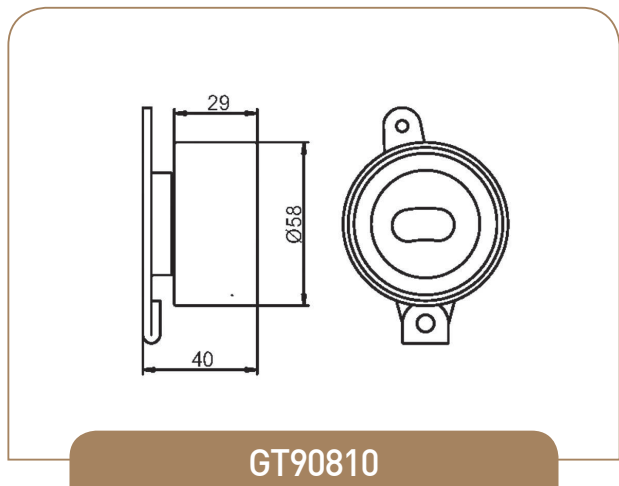
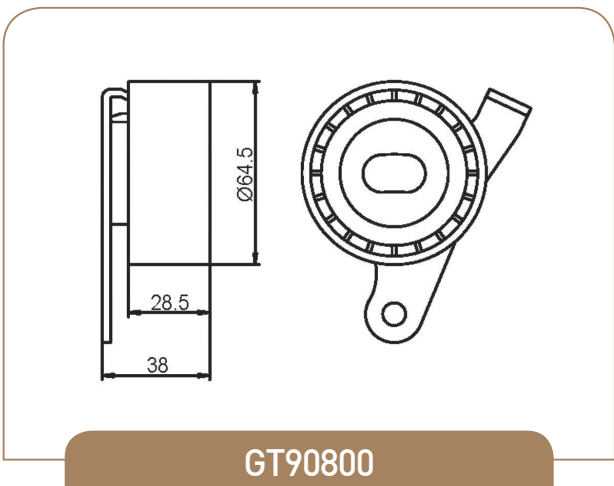
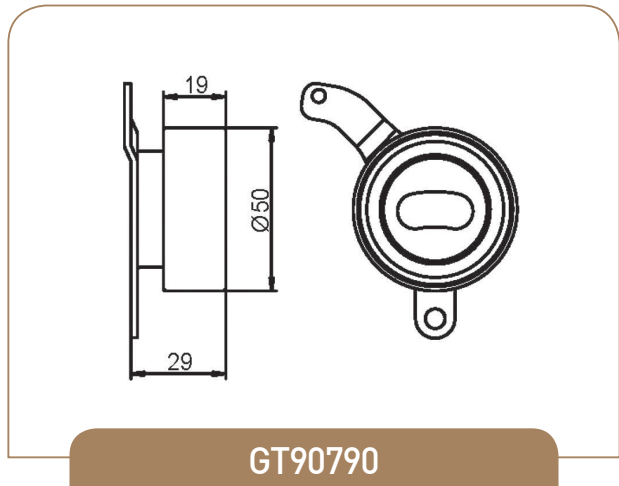
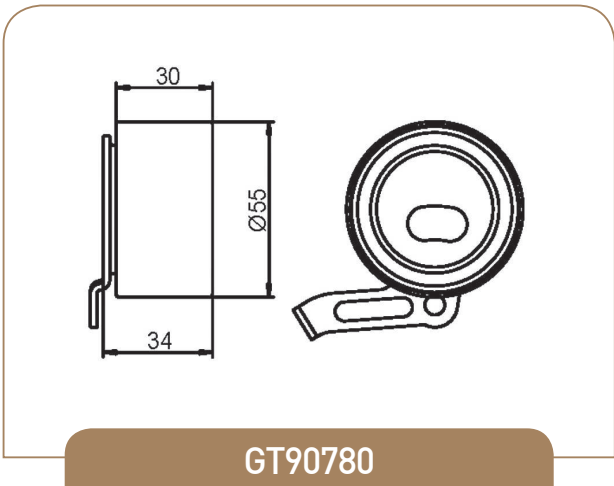
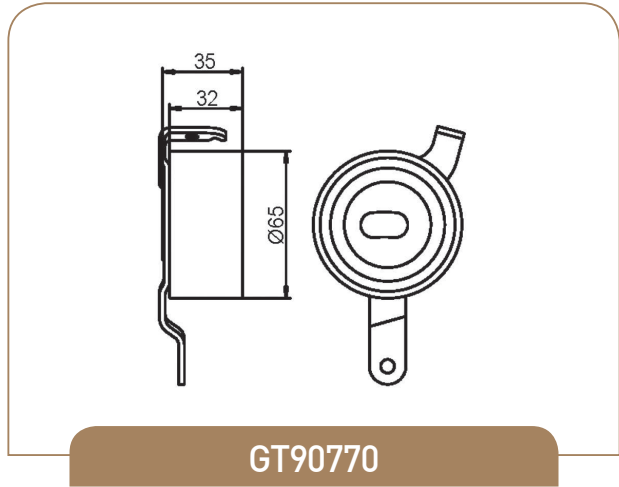
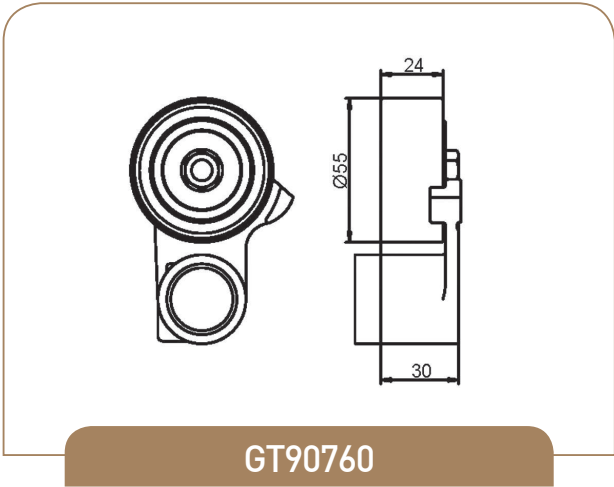
GT90680



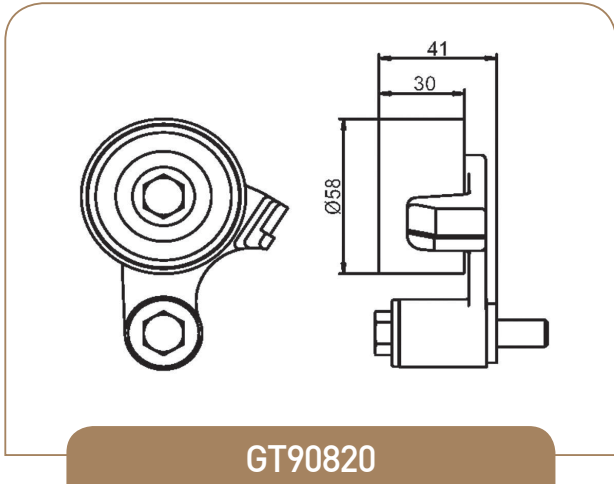
GT90690



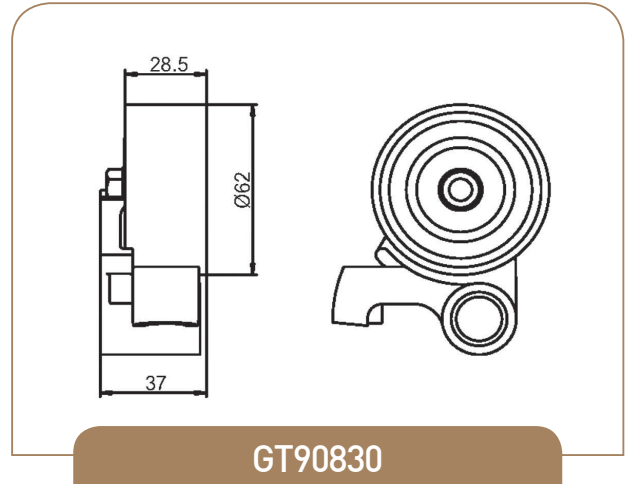
# Brief Drawing



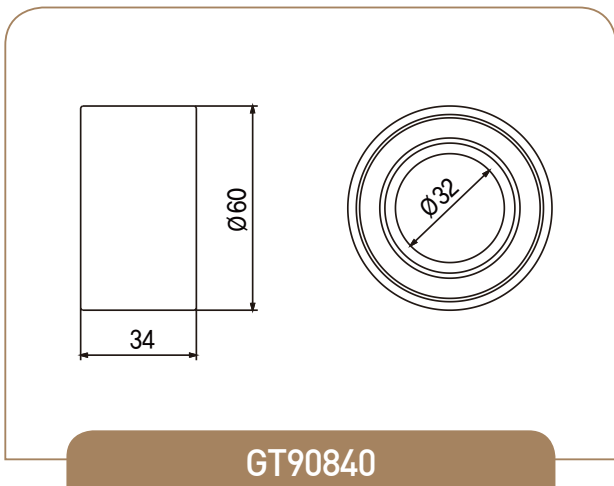




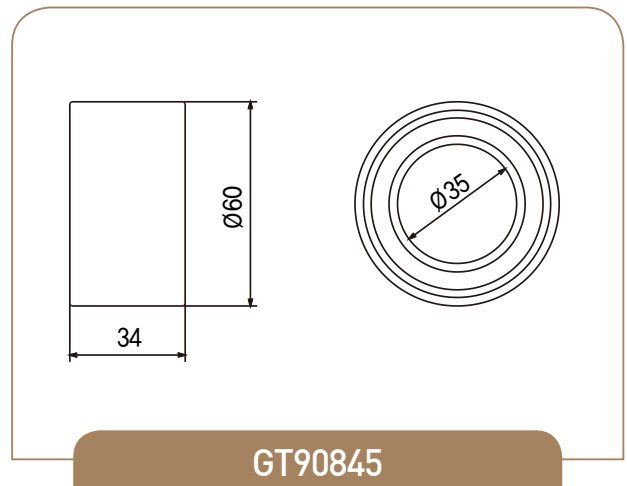
GT90820



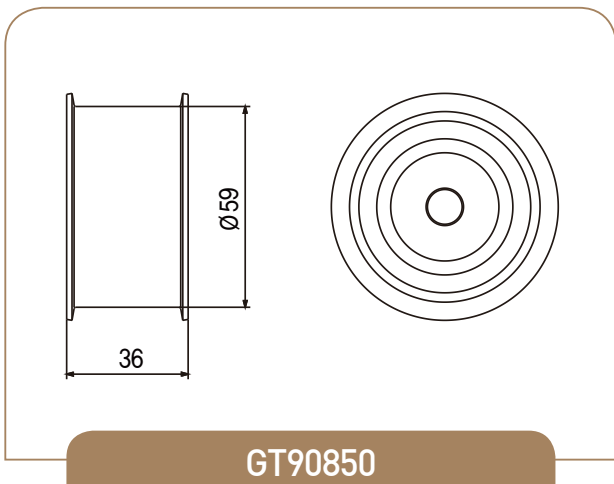
GT90830



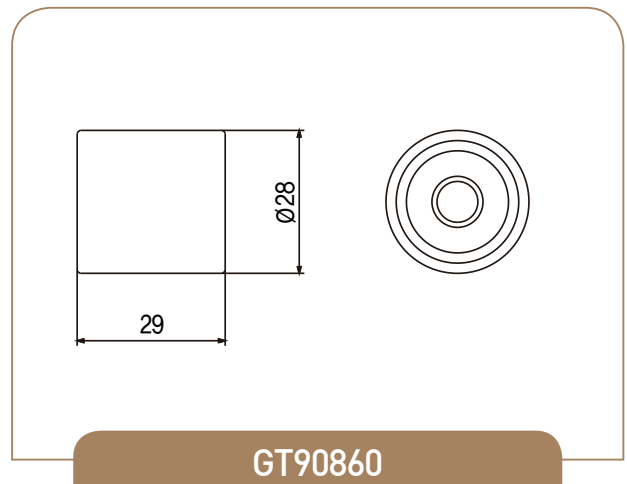
GT90840



GT90845

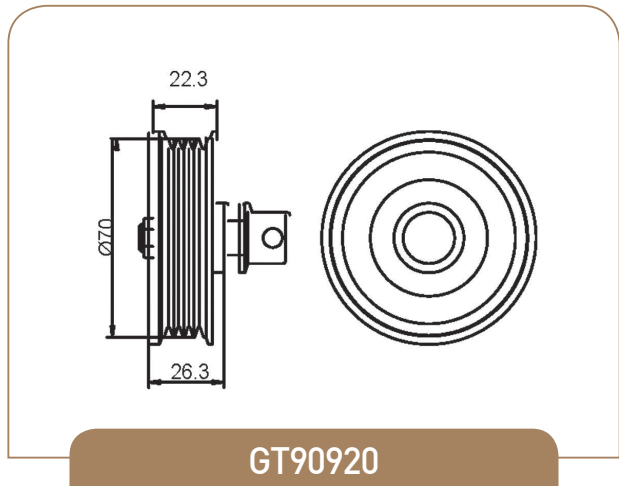
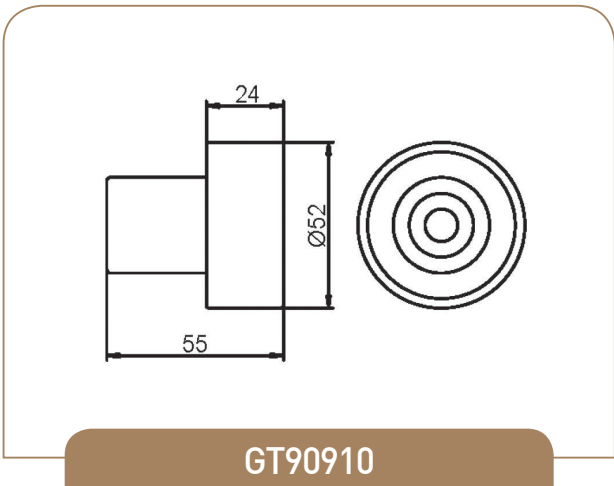
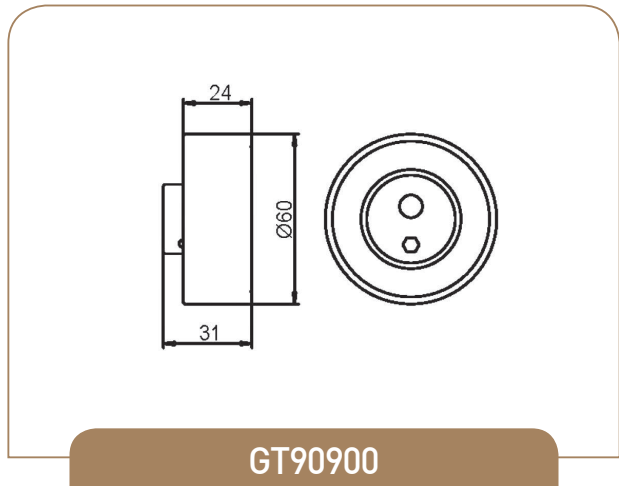
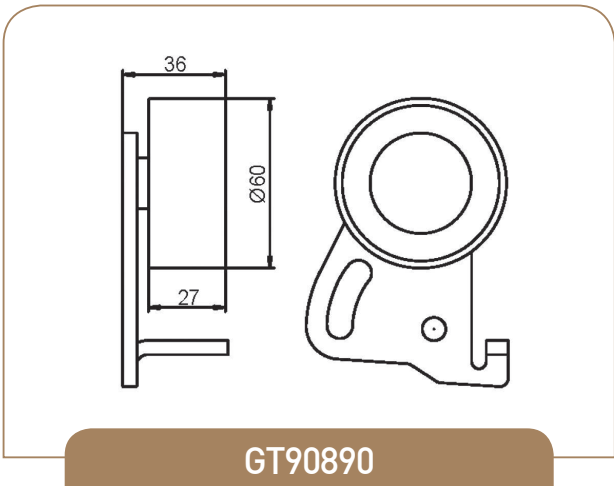
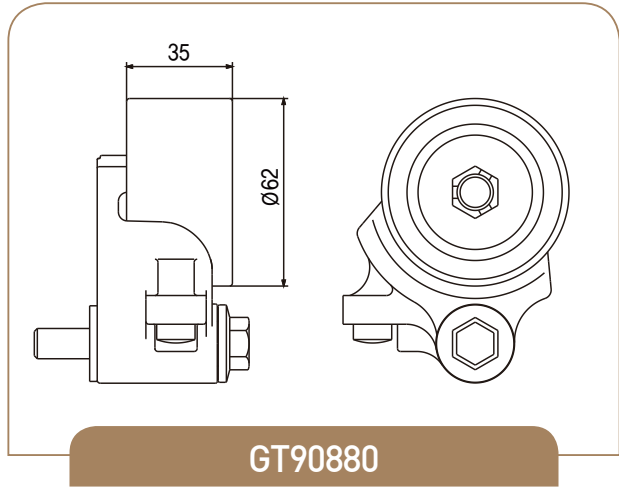
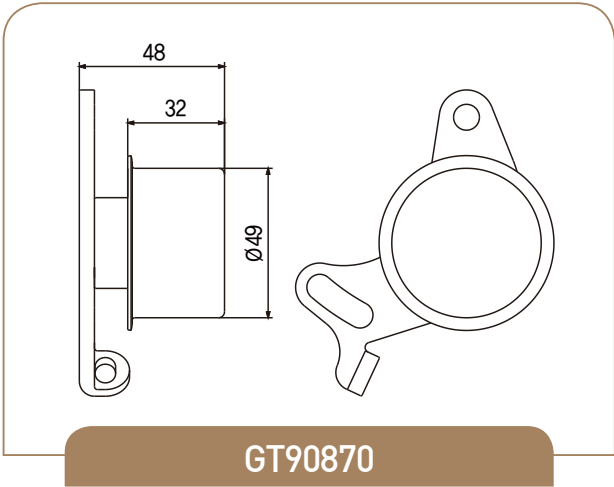


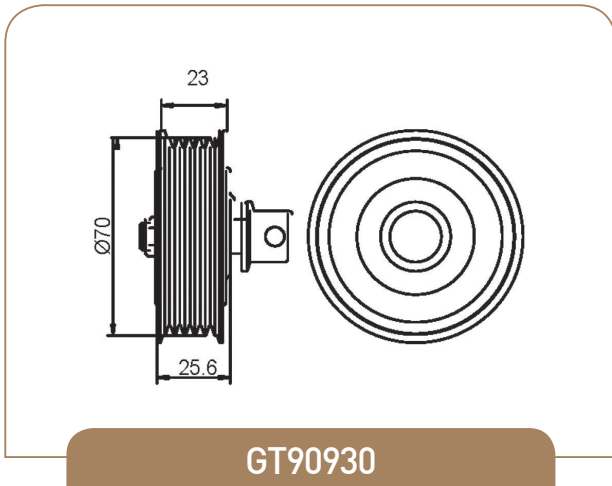
GT90850



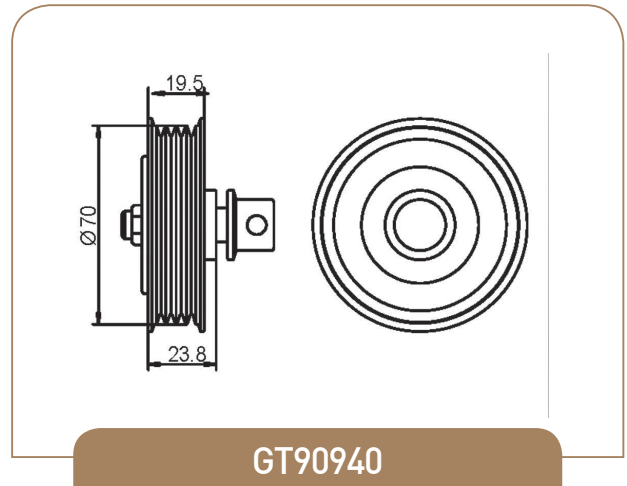
GT90860

# Brief Drawing

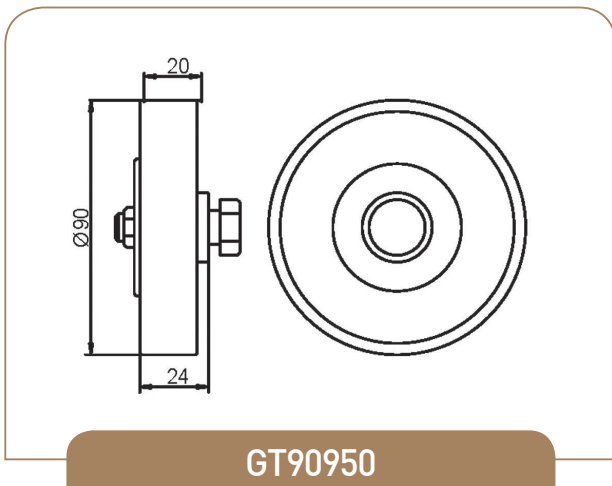




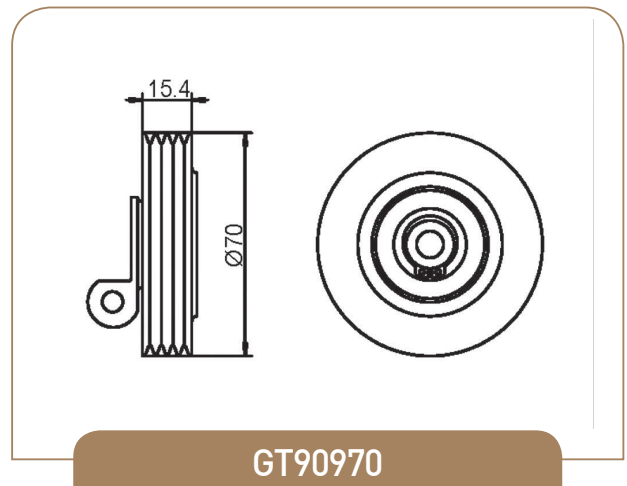
GT90930



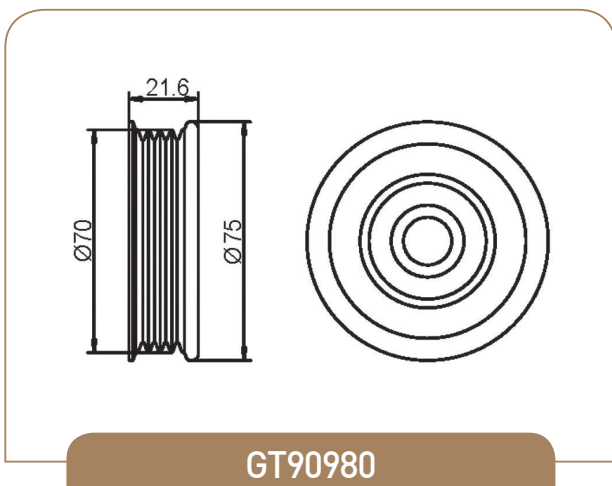
GT90940



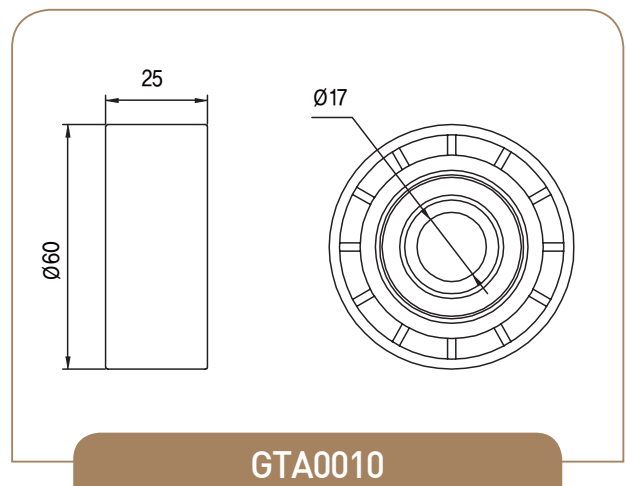
GT90950



GT90970

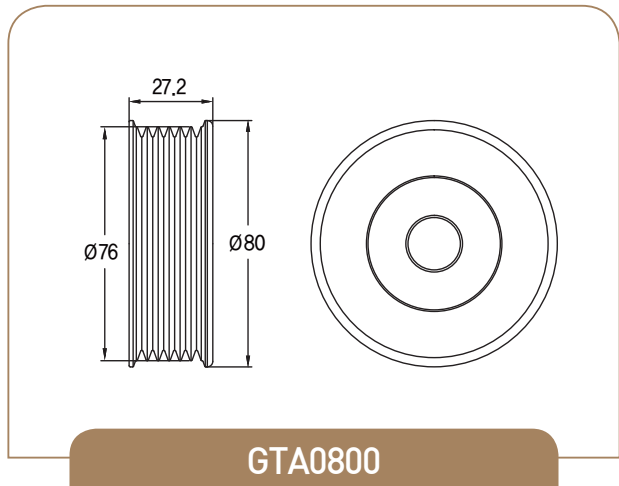
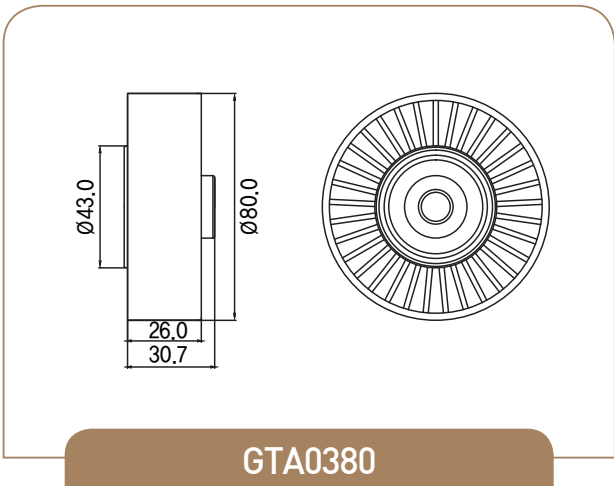
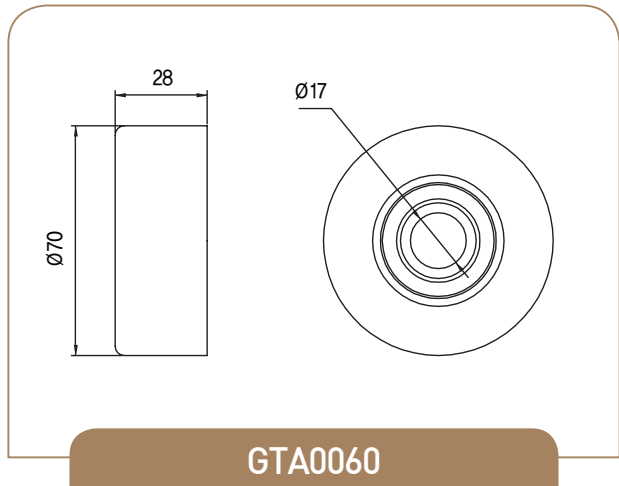
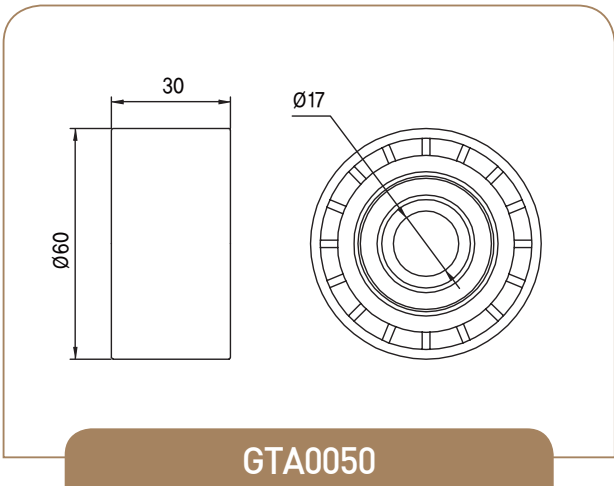
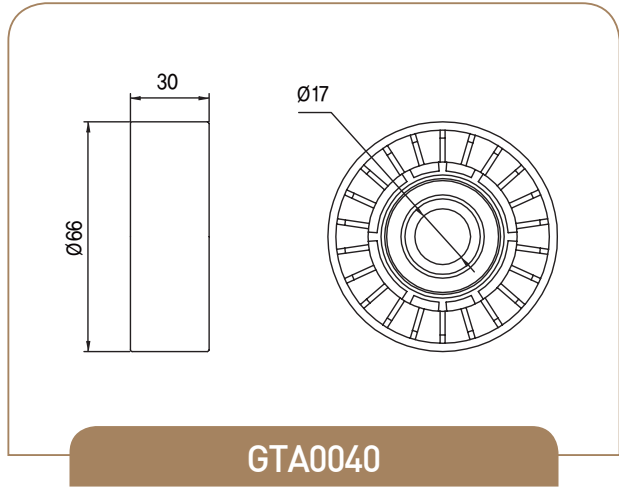
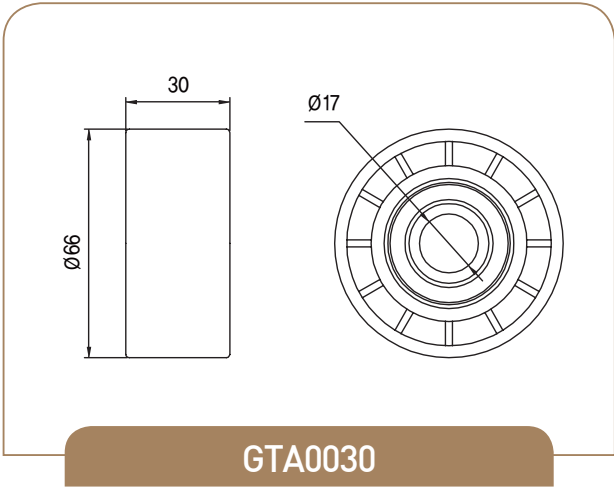


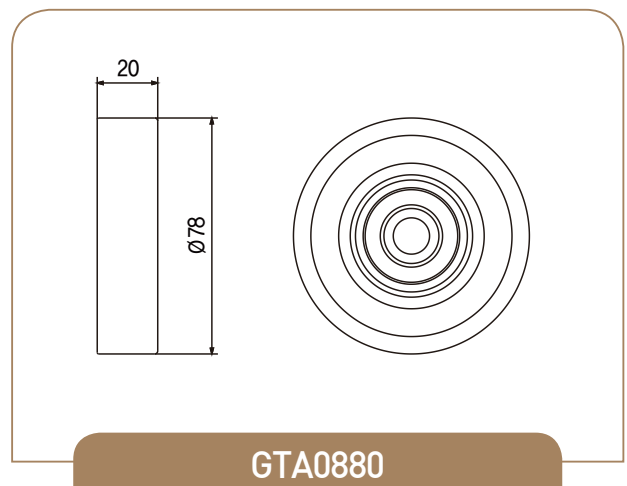
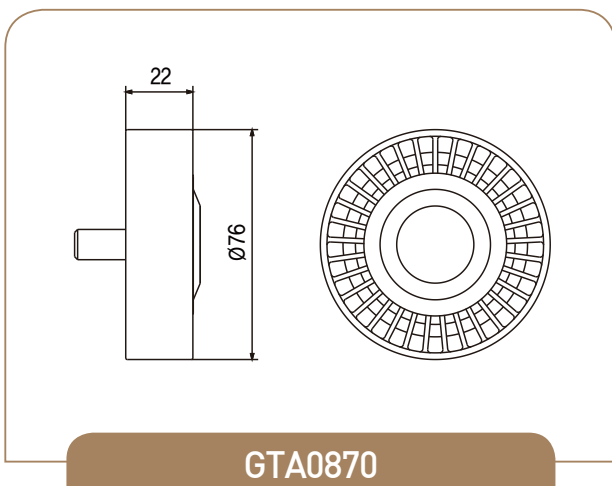
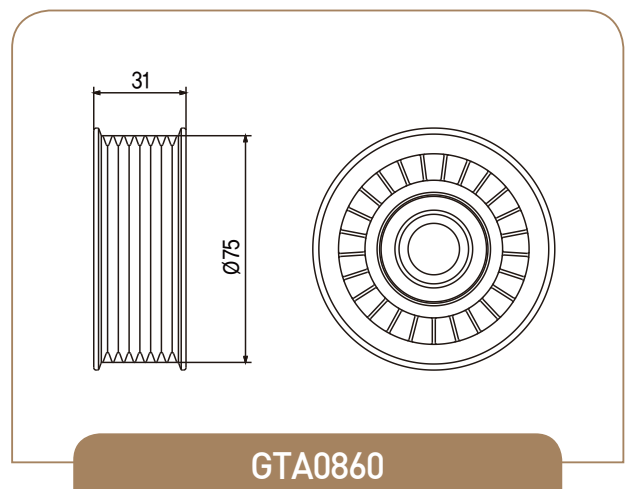
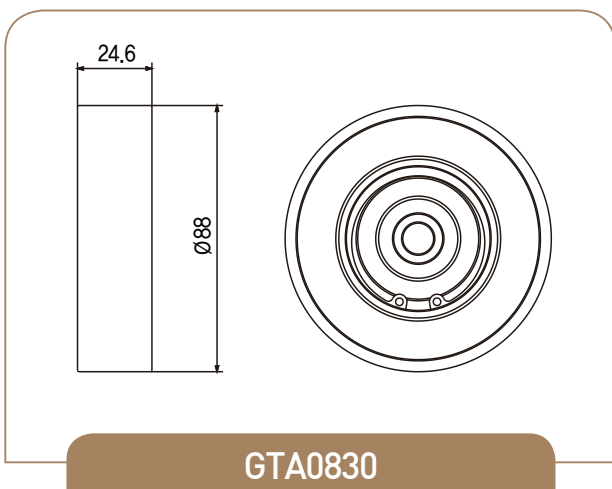
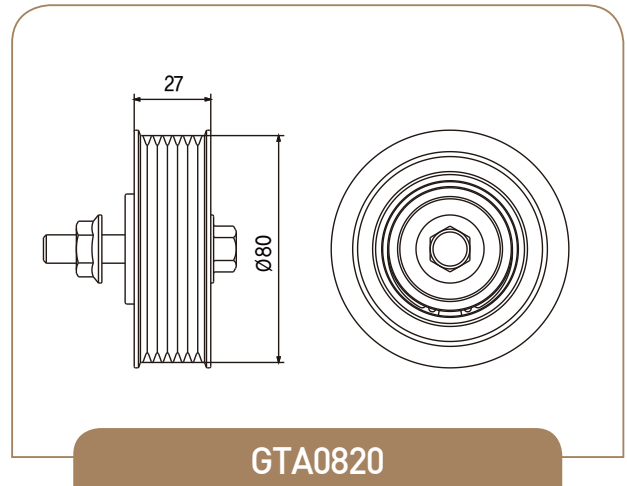
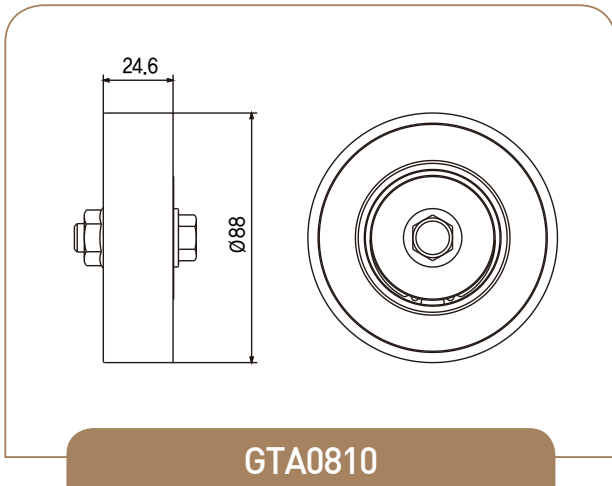
GT90980



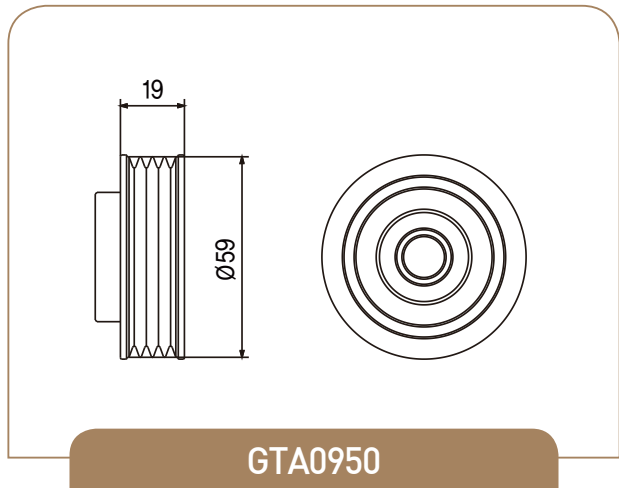
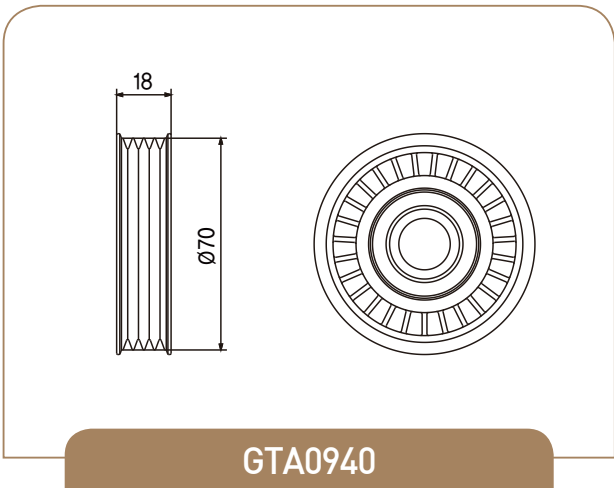
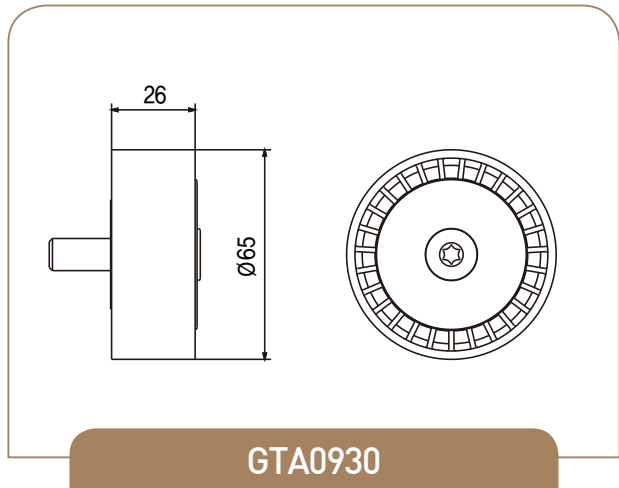
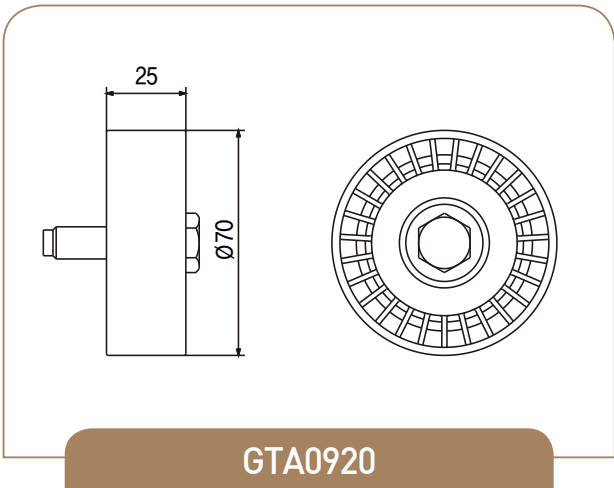
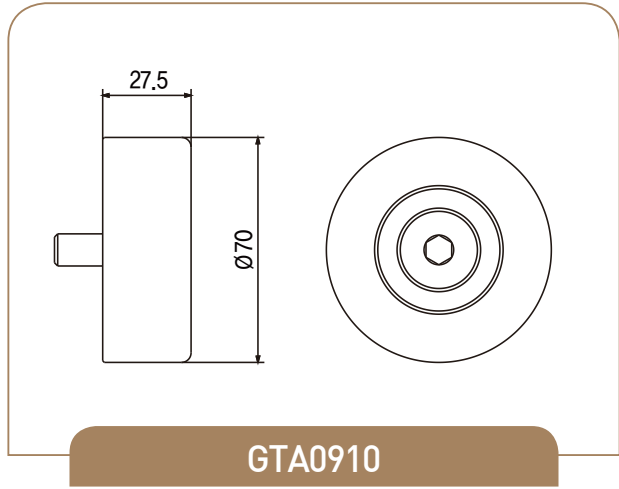
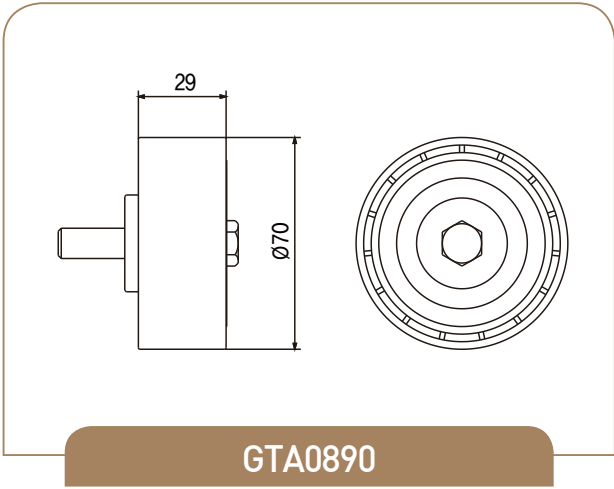
GTA0010

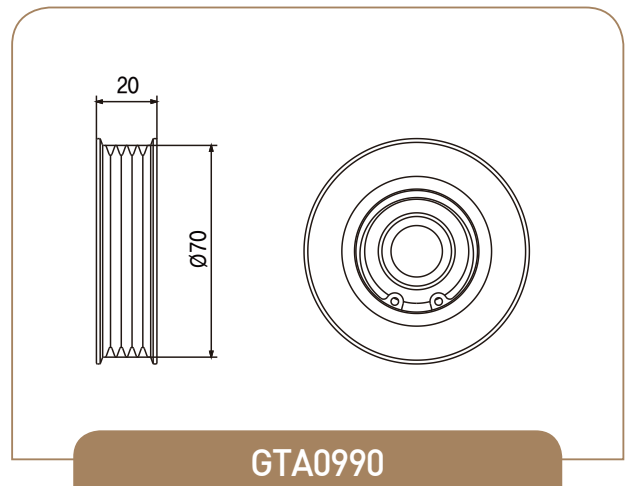
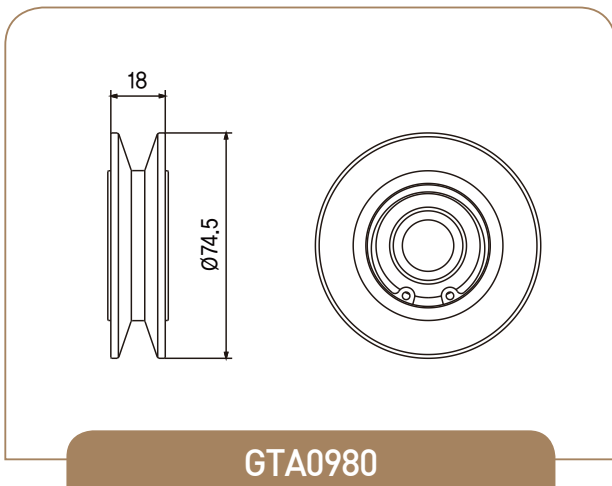
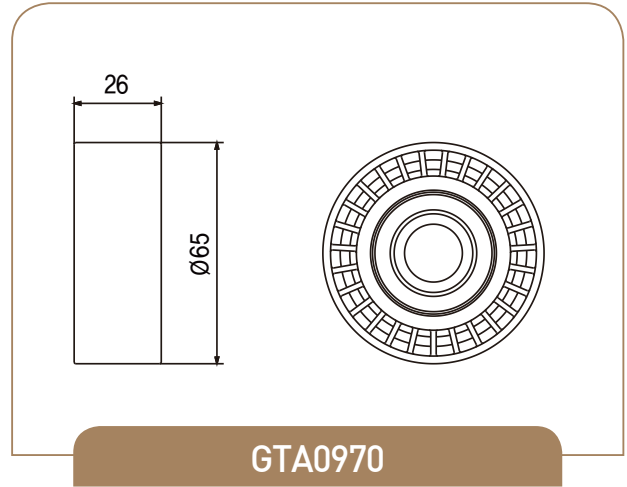
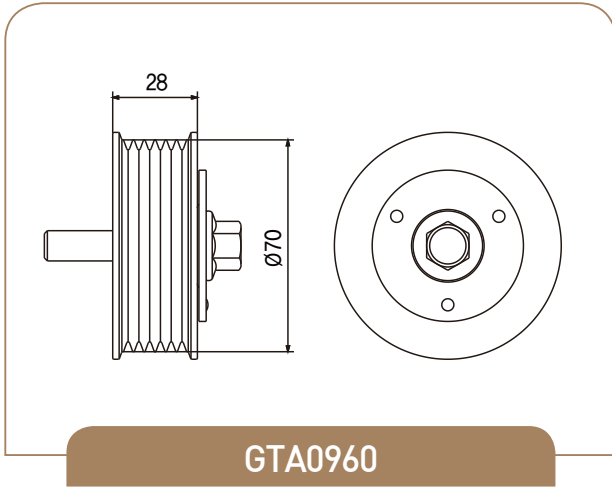
# Brief Drawing





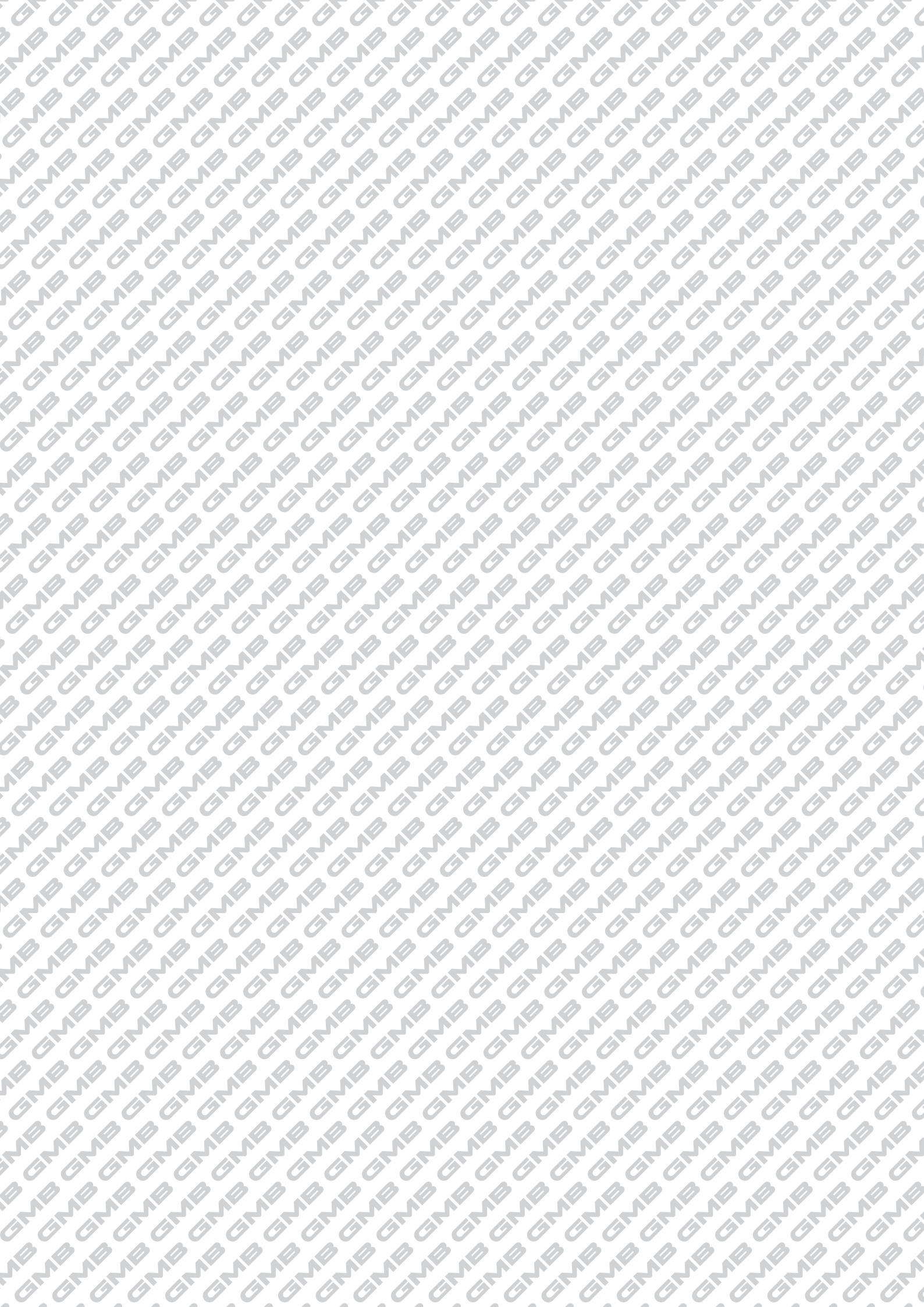
# Brief Drawing













**GMB Corporation (JAPAN)**

No.150-3, Handa, Kawanishi-cho, Shiki-gun Nare 636-0295  
Tel.+81-745-44-1911 / Fax.+81-745-44-1930  
[www.gmb.jp](http://www.gmb.jp)

**GMB Korea Corporation**

#543 Gongdanro, Seongsan-Gu, Changwon-City,  
Gyeongnam, 642-315, Korea  
Tel.+82-55-278-2154 / Fax.+82-55-283-5725  
[www.gmb.co.kr](http://www.gmb.co.kr)

**GMB North America, Inc. (U.S.A)**

Head Quarter (New Jersey)  
100 Herrod Boulevard, Dayton, NJ 08810  
Tel.(609) 655-2422 / Fax.(609) 655-2257

California Branch (California)  
2725 EL Plesidio Street, Carson, CA 90810  
Tel.(310) 631-7555 / Fax.(310) 631-5795

[www.gmb.net](http://www.gmb.net)