

Alfa Romeo

Audi

BMW

Citroën

Daewoo

Fiat

Ford

Holden

Honda

Hyundai

Mazda

Mercedes

Mini

Mitsubishi

Peugeot

Renault

Seat

Skoda

Ssangyong

Subaru

Toyota

Volkswagen

Volvo

Universal

Other

Vehicle Application List

TIMING TOOLS





TIMING TOOLS

- The Toledo Timing Tool range consists of uniquely designed engine timing and locking tool kits required for the servicing and repairs of modern passenger vehicle engines for the Australian and New Zealand vehicle car parc. Each kit has been designed to provide maximum market coverage for petrol and/or diesel vehicle applications in the servicing of timing belts, timing chain, gears and other engine repairs. Kits are available in master, popular and universal applications.
- The range has been developed for use within original manufacturer's service specifications. As the timing tool kit must be compatible with the vehicle application, always refer to manufacturer's service notes or bulletins to ensure correct servicing instructions. Each kit features an OEM tool identification guide to enable correct tool selection.
- The Toledo Timing Tool range is supported by a carefully compiled vehicle application list to enable correct kit selection (refer to pages 209-227).

NOTE: Incorrect tool use during repairs can lead to serious engine damage. Toledo recommends that repairs be carried out by a trained professional.

ALFA ROMEO

304720

Timing Tool Kit Diesel

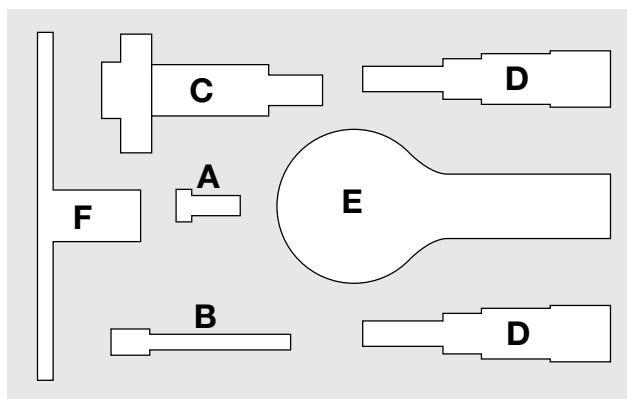
- Suitable for popular 1.9L – 2.4L diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and injection pump during the removal and installation of the engine timing belt and other engine servicing and repairs

Application List*

Make & Model	Engine	Year
Alfa Romeo		
147	1.9L (937A5)	2006 - 2012
159	2.4L (939A3)	2006 - 2012
Fiat		
Bravo	1.9L (937A8)	2007 - 2008
Multipla	1.9L (182B4)	2000 - 2005
Punto	1.9L (199A5)	2006 - 2009
Punto	1.9L (939A1)	2006 - 2008
Ritmo	1.9L (937A5)	2008 - 2009
Ritmo	1.9L (192A8)	2008 - 2010

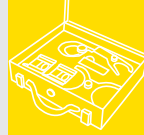


Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0067		Bolt
B	A0109	1 860 965 000	Injection Pump Timing Pin
C	A0181	1 860 846 001	Flywheel Locking Tool
D	A0184	1 870 896 900	Camshaft Locking Tools
E	A0333	1 860 905 000 1 860 905 010 2 000 003 000	Crankshaft Alignment Tool
F	A0422	1 860 898 000	Flywheel Locking Tool



ALFA ROMEO cont.

304705

Timing & Alignment Tool Master Kit



- Suitable for popular 1.2L – 2.0L DOHC 16V petrol and 1.6L - 1.9L diesel engine applications
- For the locking and alignment of the camshaft and crankshaft during the removal and installation of the engine timing belt and other engine servicing and repairs



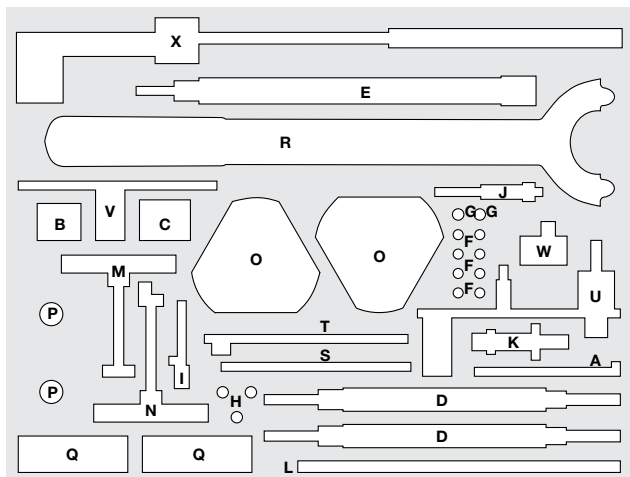
Application List*

Make & Model	Engine	Year
Alfa Romeo		
145, GTV, Spider	2.0L (AR323 01)	1994 - 2003
147, 156, Spider	2.0L (AR323 10)	1999 - 2009
155	2.0L (AR672)	1993 - 1995
Mito (Sport)	1.4L (199 A8)	2009 - 2011
Spider	2.0L (AR16201)	1998 - 2000
Fiat		
500, Bravo, Punto, Ritmo	1.4L	2004 - 2012
Bravo	1.6L (182A6)	1996 - 2000
Multipla (TDi)	1.6L, 1.9L	2000 - 2005
Punto	1.2L (188A5)	2000 - 2007
Punto (Diesel)	1.9L	2006 - 2009
Ritmo (Diesel)	1.9L (192A8)	2008 - 2010
Stilo	1.6L (182B6)	2002 - 2004

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0014	1 860 987 000	Tensioner Tool
B	A0031	1 867 030 000	Flywheel Locking Tool
C	A0033	1 860 680 000, 1 860 771 000	Flywheel Locking Tool
D	A0040	1 860 992 000	Piston Position Tools
E	A0041	1 860 895 000	Adaptor-Tdc Indicator
F	A0056		Bolt
G	A0061		Bolt
H	A0067		Bolt
I	A0081	1 860 965 000	Injection Pump Timing Pin
J	A0175	6MM	Crankshaft Locking Tool And Bolt
K	A0183	1 860 876 000	Tensioning Tool
L	A0230	7004-TG	Camshaft Timing Pin
M	A0235	1.822.154.000	Balance Shaft Tension Tool
N	A0236	1.822.149.000	Tensioning Tool
O	A0251	1 860 874 000	Camshaft Locking Tools
P	A0287	1 860 985 000	Camshaft Locking Tools
Q	A0295	1.825.041.000	Camshaft Locking Caps
R	A0313	1 860 831 000	Camshaft Adjusting Wrench
S	A0333	1 860 905 000, 1 860 905 010, 2 000 003 000, 2 000 003 000	Crankshaft Alignment Tool
T	A0336	2 000 004 500	Crankshaft Locking Tool
U	A0347	1 860 876 000	Tensioning Tool
V	A0422	1 860 898 000	Flywheel Locking Tool
W	A0609	2 000 015 800	Camshaft Sprocket Locking Tool
X	A0614	1.822.146.000, 1.822.156.000, 1 860 831 000, 1 860 831 001	Camshaft Holding Tool

Tool Reference



304712

Timing Tool Master Kit



- This kit is suitable for popular Alfa 147, 1.9L (DOHC) diesel engine applications
- For full kit contents refer to page 179

ALSO SUITABLE





TIMING TOOLS

AUDI

304715

Timing Tool Master Kit

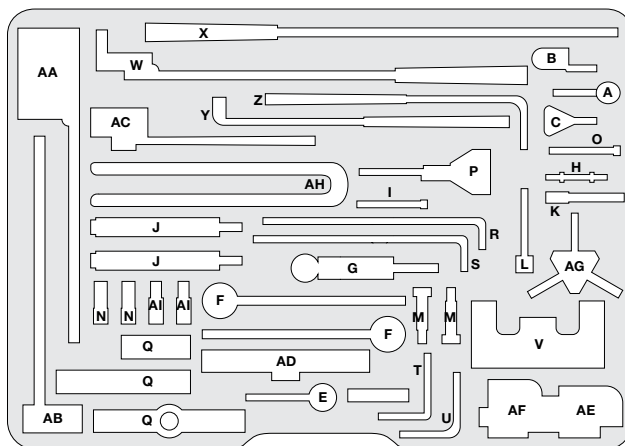
- Suitable for various 1.4L – 2.0L petrol and diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



Application List*

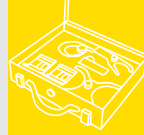
Make & Model	Engine	Year
Audi		
A2, A3, A4, TT	1.4L - 2.0L	1997 - 2012
A2, A3, A4 (Diesel)	1.4L - 2.0L	2001 - 2008
Skoda		
Fabia, Octavia	1.4L, 1.6L	2002 - 2010
Fabia, Octavia, Roomster (Diesel)	1.9L, 2.0L	2004 - 2012
Volkswagen		
Beetle, Bora, Caddy, Golf, Passat, Polo	1.4L - 2.0L	1998 - 2012
Caddy, EOS, Golf, Jetta, Passat, Polo (Diesel)	1.9L, 2.0L	1997 - 2012
Transporter	2.0L	1992 - 2004
Transporter (Diesel)	1.9L	2004 - 2012

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0002	T40011	Tensioner Bolt/Locking Pin
B	A0010		Locking Pin
C	A0011	T10115	Chain Tensioner Locking Pin
D	A0013	T10008	Tensioner Locking Tool
E	A0022	3359, MP1-301	Camshaft Locking Tool
F	A0023	3411	Support Guides
G	A0025	T10016, T10074	Camshaft Locking Tool
H	A0043	M5 X 55MM	Stud & Nut
I	A0044		Set Screw (M5 X 60mm)
J	A0059	3369	Support Guides
K	A0083		Auxiliary Drive Belt Tensioner Locking Tool
L	A0111		Timing Pin
M	A0116	3418, T10098	Camshaft Setting Bar
N	A0143	T10172-4	Camshaft Sprocket Holding Tool Pins
O	A0163	T10092	Bolt & Nut (M5)
P	A0176	3366	Camshaft Sprocket Holding Tool
Q	A0189	T40001	Camshaft Sprocket Puller
R	A0197	T10264	Tensioner Pulley Adjusting Tool
S	A0198	T10265	Auxiliary Drive Belt Tensioner Locking Pin
T	A0209	3204, T10060, T10060A	Auxiliary Drive Belt Tensioner Locking Pin
U	A0210	3204, T10060, T10060A	Auxiliary Drive Belt Tensioner Locking Pin
V	A0272	3418, T10098	Camshaft Setting Bar
W	A0313	3036	Camshaft Adjusting Wrench
X	A0314	T10172	Universal Flange Holding Wrench
Y	A0317	3387, 10020, T10004, T10020, U-30009, V159	Tensioner Pulley Adjusting Tool
Z	A0318	3387, 10020, T10004, T10020, U-30009, V159	Tensioner Pulley Adjusting Tool
AA	A0322	T10028	Crankshaft Pulley Holding Tool
AB	A0323	3415, T30004	Crankshaft Pulley Holding Tool
AC	A0325	3387, 10020, T10004, T10020, U-30009, V159	Tensioner Pulley Adjusting Tool
AD	A0351	3418, T10098	Camshaft Setting Bar
AE	A0380	T10050, T10100	Crankshaft Sprocket Locking Tool
AF	A0381	T10050, T10100	Crankshaft Sprocket Locking Tool
AG	A0408		Tensioner Adjusting Tool
AH	A0453	3212	Pulley Holding Tool
AI	A0454	T10172-2, T10172-4	Camshaft Sprocket Holding Tool Pins



AUDI cont.

304716

Timing Tool Kit

- Suitable for popular 1.4L – 1.6L DOHC 16V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



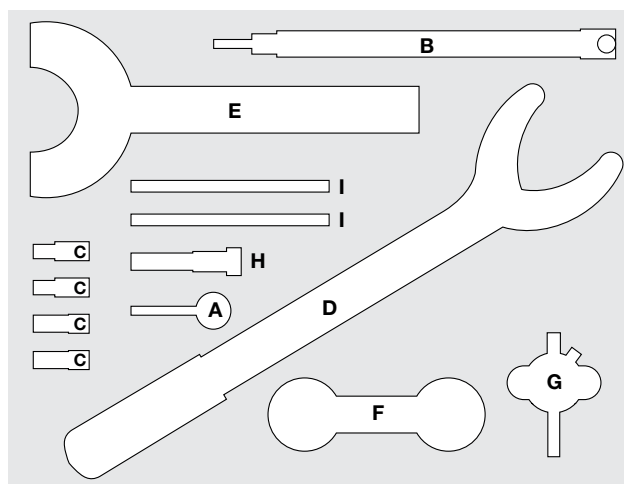
Application List*

Make & Model	Engine	Year
Audi		
A3	1.4L (CAXC)	2008 - 2012
Skoda		
Fabia	1.6L (BTS)	2008 - 2012
Octavia	1.6L (BLF)	2005 - 2006
Roomster	1.6L (BTS)	2007 - 2010
Volkswagen		
Golf	1.4L	2004 - 2012
Golf	1.6L	2004 - 2007
Jetta	1.4L	2004 - 2012
Polo	1.6L (BTS)	2008 - 2010
Scirocco	1.4L (CAVD)	2004 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0001	T40011	Tensioner Locking Pin
B	A0041	T10170	Adaptor - TDC Indicator
C	A0143	T10172-4	Camshaft Sprocket Holding Tool Pins
D	A0314	T10172	Universal Flange Holding Wrench
E	A0323	3415, T30004	Crankshaft Pulley Holding Tool
F	A0398	T10171, T10171A	Camshaft Alignment Tool
G	A0409	6079	Dial Gauge
H	A0631	T10340	Crankshaft Locking Tool
I	A0632	T10341	Tools - Guide Pins (2)

Tool Reference





TIMING TOOLS

AUDI cont.

304728

Timing Tool Kit

- Suitable for various 1.4L – 2.0L petrol engine models
- For the locking and alignment of the camshaft and crankshaft during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



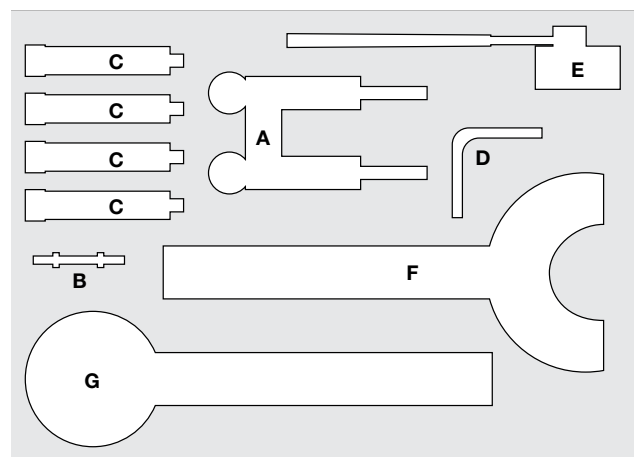
Application List*

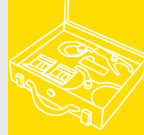
Make & Model	Engine	Year
Audi		
A2, A3, A4	1.4L, 1.6L	1997 - 2004
Seat		
Cordoba	1.6L - 1.9L	1995 - 2000
Ibiza, Toledo	2.0L	1995 - 2000
Skoda		
Fabia	1.4L	2002 - 2007
Octavia	1.6L	2009 - 2010
Volkswagen		
Beetle, Bora, Caddy, Golf	1.6L - 1.8L	1998 - 2002
Lupo	1.4L	1999 - 2003
Polo	1.4L - 1.6L	2000 - 2008
Transporter	2.0L	1992 - 2004

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0025	T10016, T10074	Camshaft Locking Tool
B	A0043	M5 X 55mm	Stud & Nut
C	A0058	3369	Support Guides
D	A0210	3204, T10060, T10060A	Auxiliary Drive Belt Tensioner Locking Pin
E	A0322	T10028	Crankshaft Pulley Holding Tool
F	A0323	3415	Crankshaft Pulley Holding Tool
G	A0325	T10020	Two-Pin Wrench

Tool Reference





AUDI cont.

304735

Timing Tool Kit Diesel

- Suitable for popular 2.7L and 3.0L V6 DOHC 24V diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing chain and other engine servicing and repairs



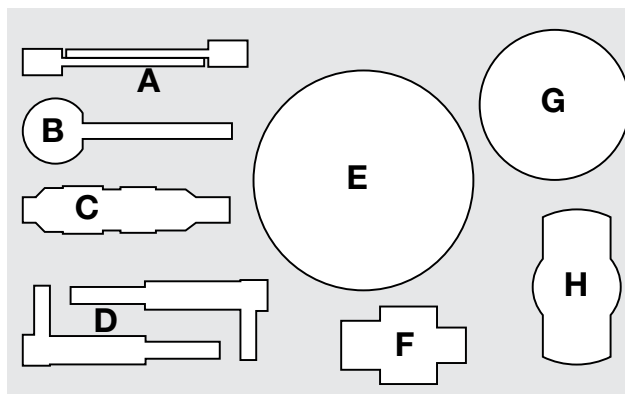
Application List*

Make & Model	Engine	Year
Audi		
A4, A5	2.7L, 3.0L (TDi)	2005 - 2012
A6, A8	2.7L, 3.0L (TDi)	2006 - 2012
Allroad	3.0L (TDi)	2007 - 2008
Q5, Q7	3.0L (TDi)	2006 - 2012
Volkswagen		
Phaeton	3.0L (TDi)	2006 - 2008
Touareg	3.0L (TDi)	2006 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0644	40071	Tensioner Locking Pin (2 X 3.3mm)
B	A0022	3359	Camshaft Locking Tool
C	A0639	3242	Crankshaft TDC Locking Screw
D	A0212	T40060	Camshaft Locking Pin
E	A0641	T40049	Crankshaft Turning Tool
F	A0640	T40058	Crankshaft Pulley Bolt Adaptor
G	A0642	T40061	Camshaft Alignment Locking Tool
H	A0643	T40062	Camshaft Sprocket Holding Tool

Tool Reference





TIMING TOOLS

AUDI cont.

304714

Timing Tool Kit

- Suitable for popular 1.6L – 2.0L petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



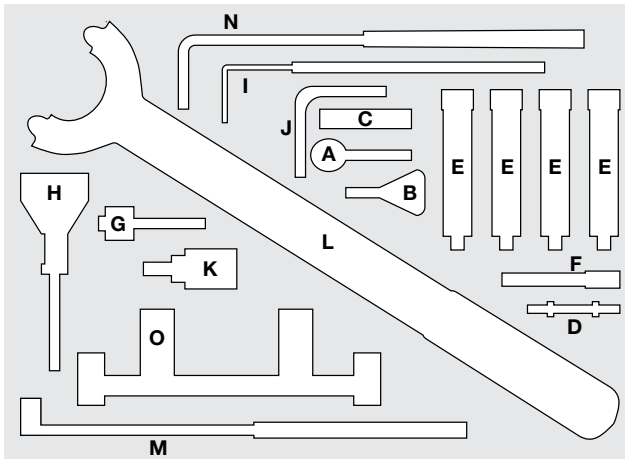
Application List*

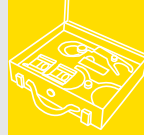
Make & Model	Engine	Year
Audi		
A3, A4	1.6L - 2.0L	1997 - 2012
A6	2.0L (BPJ)	2006 - 2009
TT	1.8L, 2.0L	1999 - 2012
Skoda		
Octavia	1.6L, 2.0L	2005 - 2010
Volkswagen		
Beetle	1.6L - 2.0L	2000 - 2012
Bora	1.6L, 2.0L	1998 - 2005
Caddy	1.6L (BSE, BGU)	2006 - 2012
EOS	2.0L (BWA)	2007 - 2008
Golf	1.6L - 2.0L	1998 - 2012
Jetta	2.0L	2006 - 2009
Passat	1.8L, 2.0L	1998 - 2008
Transporter	2.0L	1992 - 2004

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0002	T40011	Tensioner Bolt / Locking Pin
B	A0011	T10115	Chain Tensioner Locking Pin
C	A0013	T10008	Tensioner Locking Tool
D	A0043	M5 X 55mm	Stud & Nut
E	A0058	3369	Support Guides
F	A0083		Auxiliary Drive Belt Tensioner Locking Tool
G	A0163	T10092	Bolt & Nut (M5)
H	A0176	3366	Camshaft Sprocket Holding Tool
I	A0198	T40098	Auxiliary Drive Belt Tensioner Locking Pin
J	A0210	3204, T10060, T10060A	Auxiliary Drive Belt Tensioner Locking Pin
K	A0255	40080, T20079, T40080	Camshaft Adjuster Socket
L	A0313	3036	Camshaft Adjusting Wrench
M	A0317	T10020, U-30009, V159	Tensioner Pulley Adjusting Tool
N	A0318	3387, T10020, V159	Tensioner Pulley Adjusting Tool
O	A0350	T10252	Camshaft Alignment Tool

Tool Reference





AUDI cont.

304725

Timing Tool Kit

- Suitable for popular 1.4L – 2.0L petrol and diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



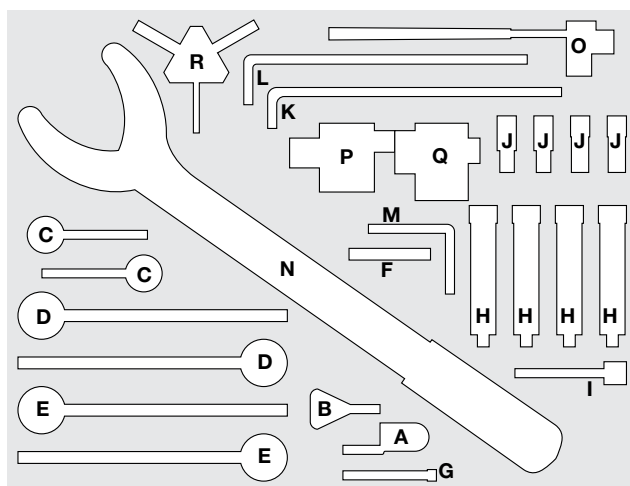
Application List*

Make & Model	Engine	Year
Audi		
A3	1.6L	1997 - 2003
A3 (Diesel)	2.0L (BMN)	2006 - 2007
Skoda		
Fabia, Octavia, Roomster (Diesel)	1.9L, 2.0L	2004 - 2012
Octavia	1.6L (BSE)	2009 - 2010
Volkswagen		
Beetle, Bora, Caddy, Golf, Passat	1.6L 2.0L	1998 - 2012
Caddy, EOS, Golf, Jetta, Passat, Polo (Diesel)	1.4L - 2.0L	2004 - 2012
Transporter	2.0L (AAC)	1992 - 2004
Transporter (Diesel)	1.9L	2004 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0010		Locking Pin
B	A0011	T10115	Chain Tensioner Locking Pin
C	A0022	3359, MP 1-301	Camshaft Locking Tool
D	A0023	3411	Support Guides
E	A0024	T10093	Support Guides
F	A0043	M5 x 55mm	Stud & Nut
G	A0044		Set Screw M5 x 60mm
H	A0058	3369	Support Guides
I	A0111		Timing Pin
J	A0143	T10172-4	Camshaft Sprocket Holding Tool Pins
K	A0197	T10264	Tensioner Pulley Adjusting Tool
L	A0198	T10265, T40098	Auxiliary Drive Belt Tensioner Locking Pin
M	A0209	3204, T10060, T10060A	Auxiliary Drive Belt Tensioner Locking Pin
N	A0314	T10172	Universal Flange Holding Wrench
O	A0326	3387, 10020, T10004, T10020, U-30009, V159	Tensioner Pulley Adjusting Tool
P	A0380	T10100	Crankshaft Sprocket Locking Tool
Q	A0381	T10050	Crankshaft Sprocket Locking Tool
R	A0408		Tensioner Adjusting Tool

Tool Reference





TIMING TOOLS

AUDI cont.

304036

Camshaft Alignment Tool Kit

- Suitable for popular 3.0L V6, DOHC 30V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt and other engine servicing and repairs

Note: Applications may require additional tools to complete repairs



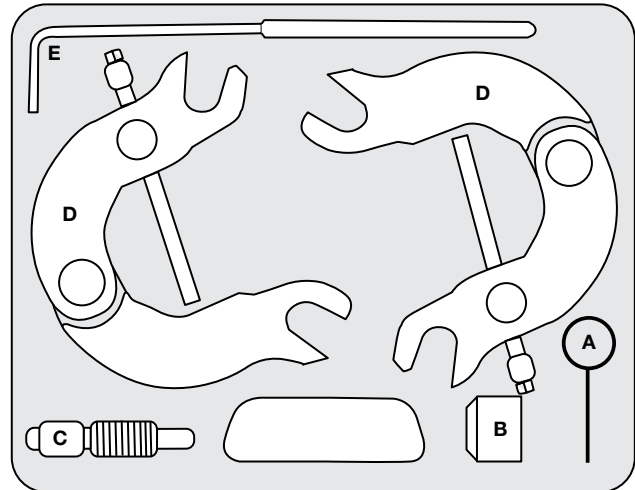
Application List*

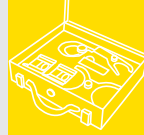
Make & Model	Engine	Year
Audi		
A4 (V6)	3.0L (ASN)	2001 - 2004
A4 (V6)	3.0L (BBJ)	2001 - 2005
A6 (V6)	3.0L (ASN)	2001 - 2004
A6 (V6)	3.0L (BBJ)	2002 - 2005

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0001	T40011	Tensioner Locking Pin
B	A0152	T40028	Camshaft Sprocket Adjusting Tool
C	A0173	T40026	Crankshaft Locking Tool
D	A0289	T40030	Camshaft Locking Tools
E	A0318	3387	Tensioner Pulley Adjusting Tool

Tool Reference





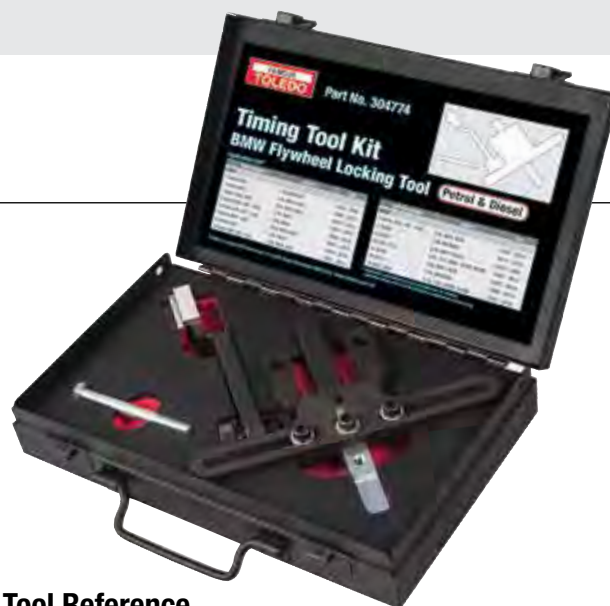
BMW

304774

Flywheel Locking Tool



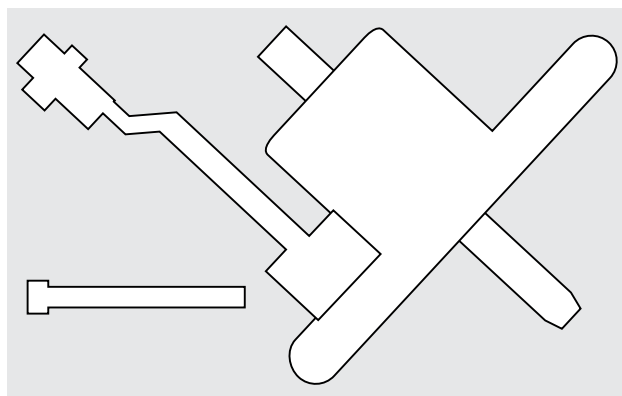
- Suitable for popular late model BMW applications
- For locking of the flywheel (crankshaft) during the removal and installation of the engine timing belt or other engine servicing and repairs



Application List*

Make & Model	Engine	Year
BMW		
1 Series (E87)	1.6L (N45B16)	2005 - 2008
1 Series (E87)	2.0L (M47, N46)	2004 - 2012
1 Series (E82, E87)	3.0L (N52, N54)	2008 - 2012
3 Series (E46, E90 - E93)	2.0L (N46)	2001 - 2012
3 Series (E46, E90 - E93)	2.5L (N52)	2006 - 2012
3 Series (E90 - E93)	3.0L (N52, N54)	2005 - 2012
5 Series (E60)	2.5L (N52)	2005 - 2010
5 Series (E60, E61, F10)	3.0L (M57, N52)	2003 - 2012
7 Series (E65, F01 - F02)	3.0L (N52, N54)	2002 - 2012
X1 (E84)	3.0L (N52B30)	2010 - 2012
X3 (E83)	2.0L (M47TUD20)	2005 - 2007
X3 (E83, F25)	2.5L, 3.0L (M57, N52B, N53B)	2005 - 2012
X5 (E70)	3.0L (M57, N52)	2007 - 2010
X6 (E71)	3.0L (N54B30)	2008 - 2012
Z4 (E85, E89)	2.5L, 3.0L (N52B, N54B)	2006 - 2012

Tool Reference





TIMING TOOLS

BMW cont.

304719

Timing Tool Kit Diesel

- Suitable for popular 2.0L (N47) DOHC 16V diesel engine applications
- For the locking and alignment of the camshafts, crankshaft, tensioner and injection pump during the removal and installation of the engine timing chain and other engine servicing and repairs



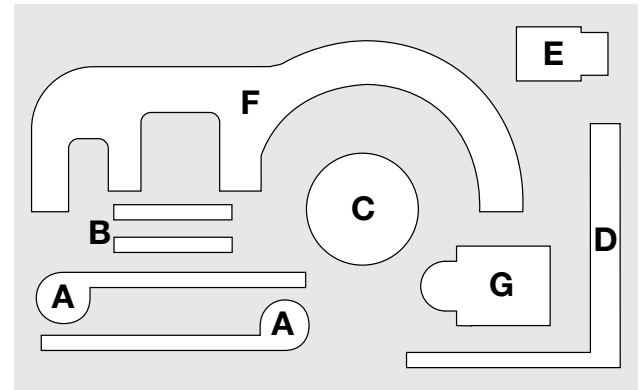
Application List*

Make & Model	Engine	Year
BMW		
118d (E87, E88)	2.0L (N47TU2D20)	2007 - 2012
120d (E87)	2.0L (N47TU2D20)	2007 - 2012
123d (E88)	2.0L (N47TU2D20)	2009 - 2012
320d (E90 - E93)	2.0L (N47D20)	2007 - 2010
320d (E90 - E93)	2.0L (N47D20C)	2010 - 2012
520d (E60)	2.0L (N47D)	2007 - 2010
X3 (E83)	2.0L (N47D20)	2007 - 2011
MINI		
Cooper (D - R56)	2.0L (N47C16A)	2010 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0004	11 3 340	Chain Tensioner Lock Pin
B	A0053	11 3 340	Timing Chain Tensioner Locking Pin
C	A0457	11 6 480	Crankshaft Alignment Tool
D	A0458	11 5 320	Flywheel/Drive Plate Timing Pin
E	A0459	11 6 480	Socket
F	A0460	11 8 760	Camshaft Alignment Tool
G	A0612	11 8 740	High-Pressure Fuel Pump Sprocket Removal Tool

Tool Reference





BMW cont.

304702

Timing & Alignment Tool Kit 

- Suitable for popular 1.8L and 2.0L DOHC 16V N42 and N46 petrol engine applications
- For the locking and alignment of the camshaft and crankshaft during the removal and installation of the engine timing chain and other engine servicing and repairs
- Required for dismantling, assembly and timing of the Vanos unit



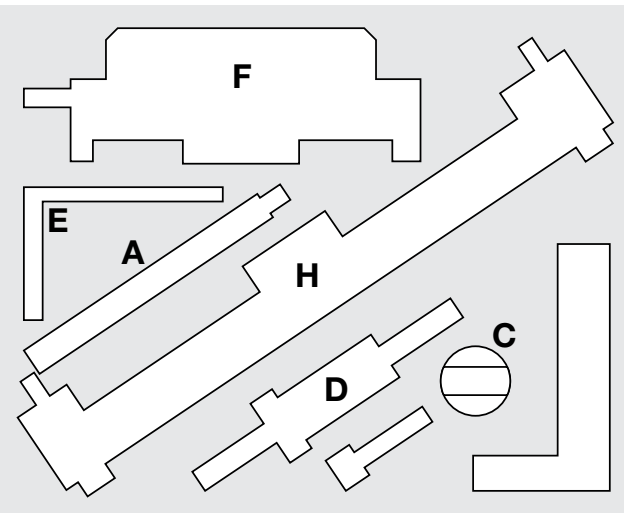
Application List*

Make & Model	Engine	Year
BMW		
1 Series (E87)	2.0L (N46B20)	2004 - 2007
3 Series (E46)	1.8L (N42B18)	2001 - 2005
3 Series (E46)	2.0L (N42B20)	2001 - 2005
3 Series (E46)	2.0L (N46B20)	2001 - 2005
3 Series (E90)	2.0L (N42B20)	2005 - 2007
3 Series (E90 - E93)	2.0L (N46B20)	2005 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0042	11 5 120	Crankshaft Locking Pin
B	A0115	11 9 293	Camshaft Alignment Tool Bolt (M8 X 25mm)
C	A0150	11 9 270	Inlet Camshaft Turning Tool
D	A0170	11 9 340	Timing Chain Pre-Tensioning Tool
E	A0214	11 5 120, 11 9 190	Flywheel Timing Pin
F	A0281	11 9 291	Camshaft Alignment Tool - Exhaust
G	A0354	11 9 292	Camshaft Alignment Tool - Inlet
H	A0424	11 9 350	Sensor Gear Alignment Tool

Tool Reference



* Abbreviated applications to be used as a guide only, for complete vehicle application listings refer page 209-227 or website www.toledo.com.au/partfinder



TIMING TOOLS

BMW cont.

304740

Timing Tool Kit Diesel

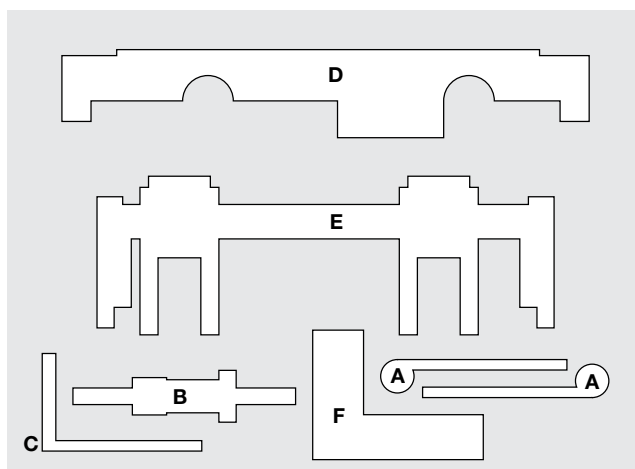
- Suitable for popular 2.0L (N43B20 and N46B20) DOHC 16V diesel engine applications with timing chains
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing chain and other engine servicing and repairs
- Required for dismantling, assembly and timing of the Vanos unit



Application List*

Make & Model	Engine	Year
BMW		
118i (E88)	2.0L (N43B20)	2009 - 2012
120i (E87)	2.0L (N46B20)	2007 - 2011
120i (E88)	2.0L (N46B20)	2008 - 2012

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0004	11 3 340	Chain Tensioner Lock Pin
B	A0170	11 9 340	Timing Chain Pre-Tensioning Tool
C	A0214	11 5 120	Flywheel Timing Pin
D	A0527	11 8 711, 11 8 712	Camshaft Position (CMP) Sensor Disc Setting Tool
E	A0528	11 8 690, 11 8 691, 11 8 962, 11 8 693	Camshaft Alignment Tool
F	A0529	11 8 700	Balancer Shaft Alignment Tool



BMW cont.

304700

Camshaft Locking Kit 

- Suitable for popular 2.5L (N52) and 3.0L (N54) DOHC 24V petrol engine applications with timing chains
- For the locking and alignment of the camshaft and crankshaft during the removal and installation of the engine timing chain and other engine servicing and repairs
- Required for dismantling, assembly and timing of the Vanos unit



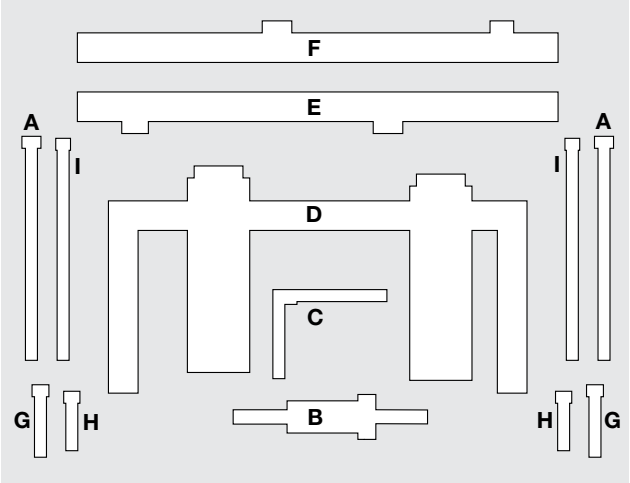
Application List*

Make & Model	Engine	Year
BMW		
1 Series (E82, E87)	3.0L (N52, N54)	2005 - 2012
3 Series (E90 - E93)	2.5L (N52B25)	2005 - 2012
3 Series (E90 - E93)	3.0L (N52, N54)	2005 - 2012
5 Series (E60, E61)	2.5L (N52B25)	2004 - 2010
Z4 (E89)	2.5L (N52B)	2009 - 2011

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0054	Bolts	Camshaft Alignment Tool Bolts
B	A0170	11 9 340	Timing Chain Pre-Tensioning Tool
C	A0232	11 0 300	Flywheel Timing Pin
D	A0266	11 4 281, 11 4 282, 11 4 283	Camshaft Alignment Tool
E	A0399	11 4 290	Camshaft Position (CMP) Sensor Disc Setting Tool
F	A0634	11 8 520	Camshaft Position (CMP) Sensor Disc Setting Tool
G		Bolts	Camshaft Alignment Tool Bolts
H		Bolts	Camshaft Alignment Tool Bolts
I		Bolts	Camshaft Alignment Tool Bolts

Tool Reference



* Abbreviated applications to be used as a guide only, for complete vehicle application listings refer page 209-227 or website www.toledo.com.au/partfinder



TIMING TOOLS

BMW cont.

304701

Timing Tool Kit

- Suitable for engine codes M42, M43, M44, M50, M52 & M54
- For the locking and alignment of the camshaft and crankshaft during the removal and installation of the engine timing chain and other engine servicing and repairs
- Required for dismantling, assembly and timing of the Vanos unit



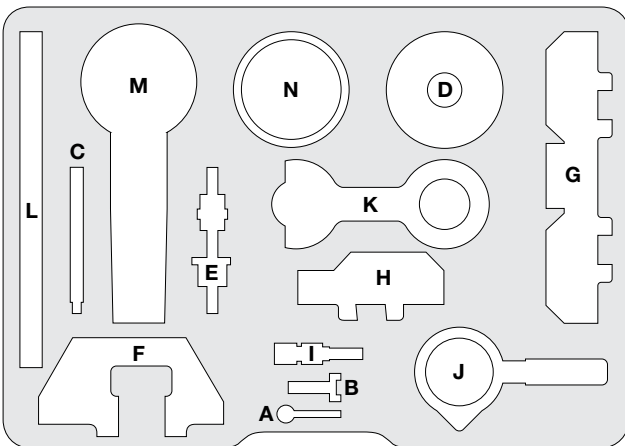
Application List*

Make & Model	Engine	Year
BMW		
3 Series (E36)	1.6L - 2.8L (M42, M43, M44, M50, M52)	1991 - 2001
3 Series (E46)	1.9L - 3.0L (M43, M44, M52, M54)	1998 - 2007
5 Series (E34)	2.0L, 2.5L (M50)	1990 - 1996
5 Series (E39)	2.2L - 3.0L (M52, M54)	1996 - 2003
5 Series (E60)	2.5L - 3.0L (M52, M54)	2003 - 2005
7 Series (E38)	2.8L (M52B28)	1995 - 2001
7 Series (E65)	3.0L (N52B30)	2002 - 2005

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0003	11 3 290, 11 3 292	Tensioner Locking Tool
B	A0009	11 3 310	Secondary Tensioner Locking Tool
C	A0042	11 2 300	Crankshaft Locking Pin
D	A0161	11 8 210	Crankshaft Pulley Hub Puller
E	A0167	11 3 390, 11 4 220	Timing Chain Pre-Tensioning Tool
F	A0267	11 3 190	Camshaft Alignment Tool
G	A0275	11 3 240, 11 3 244	Camshaft Alignment Tool
H	A0280	11 9 110	Camshaft Locking Fixture Add-On
I	A0334	11 3 450	Vanos Unit Checking Tool
J	A0337	11 5 490	Exhaust Camshaft Sprocket Tool
K	A0400	11 6 180	Camshaft Sprockets Alignment Tool
L	A0426	11 6 150	Camshaft Timing Setting Tool
M	A0603	11 8 190	Vibration Damper Holder
N	A0604	11 8 200	Vibration Damper Puller Head

Tool Reference





BMW cont.

304741

Timing Tool Kit 

- Suitable for popular 2.0L (M47) DOHC 16V and 3.0L (M57) DOHC 24V diesel engine applications
- For the locking and alignment of the camshafts, crankshaft, tensioner and injection pump during the removal and installation of the engine timing chain and other engine servicing and repairs



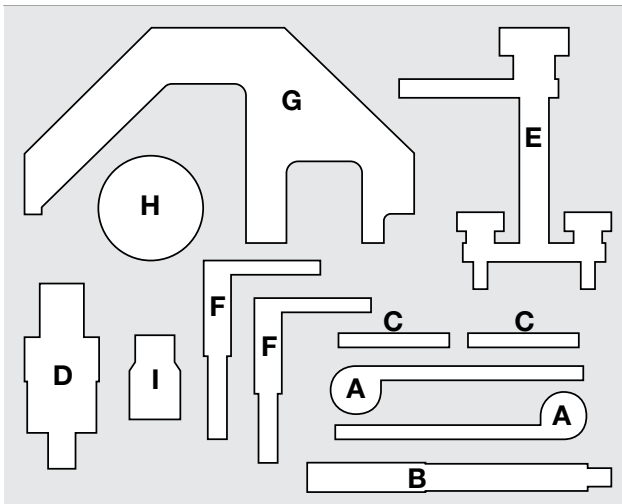
Application List*

Make & Model	Engine	Year
BMW		
1 Series (E87)	2.0L (M47TUD20)	2006 - 2010
3 Series (E46, E90 - E92)	2.0L, 3.0L (M47, M57)	2000 - 2008
5 Series (E39, E60, E61)	3.0L (M57, M57)	2000 - 2012
7 Series (E66)	3.0L (M57D30)	2007 - 2012
X3 (E83)	2.0L, 3.0L (M47, M57)	2005 - 2011
X5 (E53, E70)	3.0L (M57)	2003 - 2010
X6 (E71)	3.0L (M57D30)	2008 - 2010

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0004	11 3 340	Chain Tensioner Lock Pin
B	A0042	11 2 300	Crankshaft Locking Pin
C	A0053	11 3 340	Timing Chain Tensioner Locking Pin
D	A0154	13 5 190, 13 5 191	High-Pressure Fuel Pump Sprocket Puller
E	A0177	11 6 320, 11 6 321	Camshaft Alignment Tool
F	A0212	11 5 180, 11 6 080	Camshaft Locking Pin
G	A0269	11 6 321, 11 6 322	Camshaft Alignment Tool
H	A0457	11 6 480	Crankshaft Alignment Tool
I	A0459	11 6 480	Socket

Tool Reference





TIMING TOOLS

BMW cont.

304724

Camshaft Locking Kit Petrol

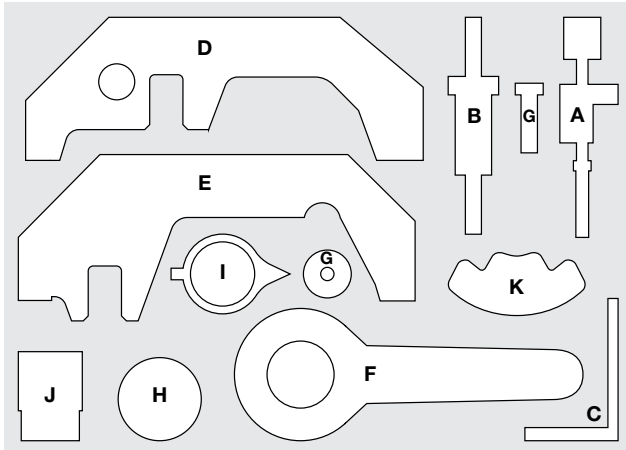
- Suitable for popular 3.6L – 4.8L (V8) DOHC 32V and 6.0L (V12) DOHC 48V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing chain and other engine servicing and repairs



Application List*

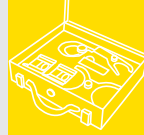
Make & Model	Engine	Year
BMW		
5 Series (E60, E61)	V8 - 4.0L, 4.4L, 4.8L (N62B4)	2004 - 2010
6 Series (E63, E64)	V8 - 4.4L, 4.8L (N62B4)	2004 - 2012
7 Series (E65, E66)	V8 - 3.6L - 4.8L (N62B)	2002 - 2009
7 Series (E66)	V12 - 6.0L (N73B60)	2003 - 2009

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0165	11 9 463	Camshaft Locking Tool
B	A0170	11 9 340, 11 9 341	Timing Chain Pre-Tensioning Tool
C	A0214	11 9 190	Flywheel Timing Pin
D	A0264	11 9 461	Inlet Camshaft Alignment Tool
E	A0265	11 9 462	Exhaust Camshaft Alignment Tool
F	A0605	11 9 451	Crankshaft Locking Tool
G	A0606	11 9 452	Crankshaft Locking Tool
H	A0635		Head Cylinder Socket
I	A0636		Angle Indicator
J	A0637		Socket (27mm)
K	A0638		Angle Gauge



CITROËN

304704

Timing Tool Kit

- This kit is suitable for popular Citroën Berlingo, C2, C3, C4 and Xantia petrol engine applications
- For full kit contents refer to page 188



ALSO SUITABLE

304726

Timing Tool Kit

- This kit is Suitable for popular Citroën Berlingo, C2, C3 and C4 petrol engine applications
- For full kit contents refer to page 191



ALSO SUITABLE

304705

Timing & Alignment Tool Master Kit

- This kit is suitable for Citroën BX16, 1.6L (SOHC) petrol engine applications
- For full kit contents refer to page 153



ALSO SUITABLE

304721

Timing Tool Kit

- This kit is suitable for popular Citroën C4, C5, Dispatch and Xsara diesel engine applications
- For full kit contents refer to page 190



ALSO SUITABLE

304718

Timing Tool Kit

- This kit is suitable for popular Citroën C3, C4 and DS3, 1.4L - 1.6L (DOHC) petrol engine applications
- For full kit contents refer to page 185, 189



ALSO SUITABLE



TIMING TOOLS

DAEWOO

304734

Timing Tool Kit

- This universal kit is suitable for popular Daewoo petrol engine applications
- For full kit contents refer to page 182, 196



ALSO SUITABLE

304712

Timing Tool Kit

- This kit is suitable for popular Daewoo Cielo, Lanos and Nubira 1.5L and 1.6L applications
- For full kit contents refer to page 179



ALSO SUITABLE

FIAT

304705

Timing & Alignment Tool Master Kit

- This kit is suitable for popular Fiat 500, Bravo, Multipla, Punto, Ritmo and Stilo applications
- For full kit contents refer to page 153



ALSO SUITABLE

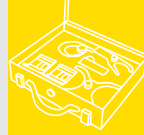
304720

Timing Tool Kit

- This kit is suitable for popular Fiat Bravo, Multipla, Punto and Ritmo, 1.9L diesel engine applications
- For full kit contents refer to page 152



ALSO SUITABLE



FORD

304736

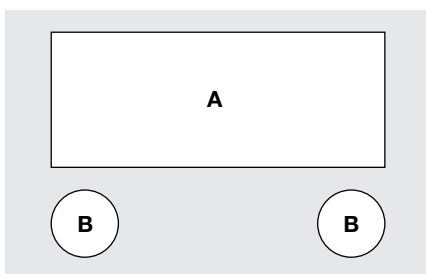
Camshaft Locking Kit 

- Suitable for popular Explorer 4.6L V8 SOHC 16V petrol engine applications
- For the locking and alignment of camshafts during engine servicing and repairs

Application List*

Make & Model	Engine	Year
Ford		
Explorer (UT)	4.6L (V8)	2001 - 2003
Explorer (UX)	4.6L (V8)	2003 - 2003
Explorer (UZ)	4.6L (V8)	2003 - 2008

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0518	303-380 (T91P-6256-A)	Camshaft Alignment Tool
B	A0519	303-413 (T92P-6256-A)	Camshaft Alignment Tool - Adaptor

304707

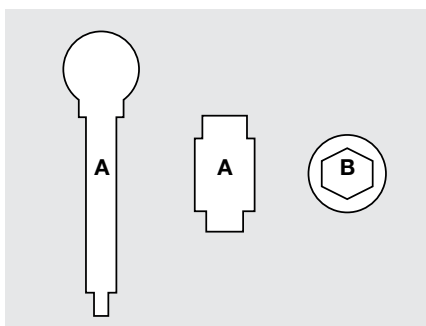
Timing Chain Kit 

- Suitable for popular Falcon 6 cylinder applications
- For use during the removal and installation of the timing chain, cylinder head and other engine servicing and repairs

Application List*

Make & Model	Engine	Year
Ford		
Fairlane (NA - AU)	3.9L, 4.0L	1988 - 2002
Falcon (EA - AU)	3.2L, 3.9L, 4.0L	1988 - 2002
LTD (DA - AU)	3.9L, 4.0L	1988 - 2002

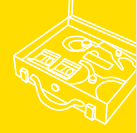
Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0027	E9338, E9338A	Tensioner Locking Tools
B	A0615		Timing Chain Adjusting Tool

* Abbreviated applications to be used as a guide only, for complete vehicle application listings refer page 209-227 or website www.toledo.com.au/partfinder



TIMING TOOLS

FORD cont.

304729

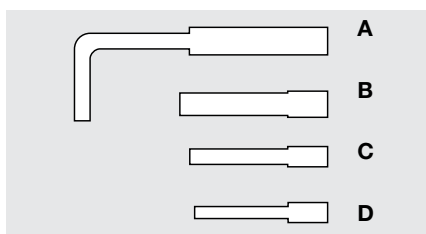
Timing Tool Kit Diesel

- Suitable for popular 1.6L DOHC 16V TDCi diesel engine applications
- For the locking of the camshafts and crankshaft during the removal and installation of engine timing belt

Application List*

Make & Model	Engine	Year
Ford		
Fiesta (WS)	1.6L (TDCi)	2009 - 2010
Fiesta (WT)	1.6L (TDCi)	2010 - 2012
Volvo		
C30	1.6L (Diesel)	2009 - 2012

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0193	21-234, 21-251, 303-675, 303-698	Flywheel Locking Pin
B	A0083	21-263, 303-735, 999 7122	Camshaft Locking Pin
C	A0089	21-262, 303-734, 999 7121	Crankshaft Locking Pin
D	A0108	07744-0010400, 21-2160, 303-732, 999 7169, 999 7233	Camshaft Timing Pin

304730

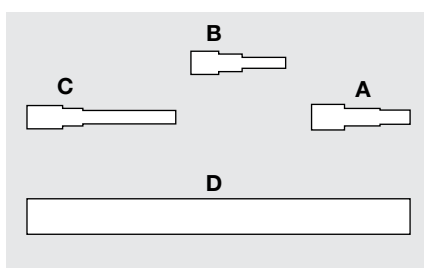
Timing Tool Kit Petrol

- Suitable for popular 1.5L – 2.5L DOHC 16V petrol engine applications
- For the locking of the camshaft and crankshaft during the removal and installation of the engine timing belt or chain

Application List*

Make & Model	Engine	Year
Ford		
Fiesta(WQ)	2.0L	2007 - 2008
Focus (LR - LV)	1.8L, 2.0L	2002 - 2011
Mondeo (HA - HE)	2.0L	1995 - 2007
Mondeo (MA - MC)	2.3L	2007 - 2012
Mazda		
CX-7	2.5L	2009 - 2012
Mazda2 (DE)	1.5L	2007 - 2012
Mazda3	2.0L, 2.5L	2004 - 2012
Mazda6	2.0L, 2.3L, 2.5L	2002 - 2012
Tribute	2.3L	2004 - 2008

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0121	21-259, 303-748, 49 JE02 061	Crankshaft Locking Pin
B	A0122	21-210, 303-507, 49 JE01 061	Crankshaft Locking Pin
C	A0124	21-163, 303-620	Crankshaft Timing Pin
D	A0418	21-162, 303-376, 49 JE01 054	Camshaft Setting Bar



FORD cont.

304706

Timing Tool Kit  

- Suitable for popular 1.4L – 2.5L DOHC petrol and 1.6L – 2.0L diesel engine applications
- For the locking of the camshaft, crankshaft and tensioners during the removal and installation of the engine timing belt or chain along with other engine servicing and repairs



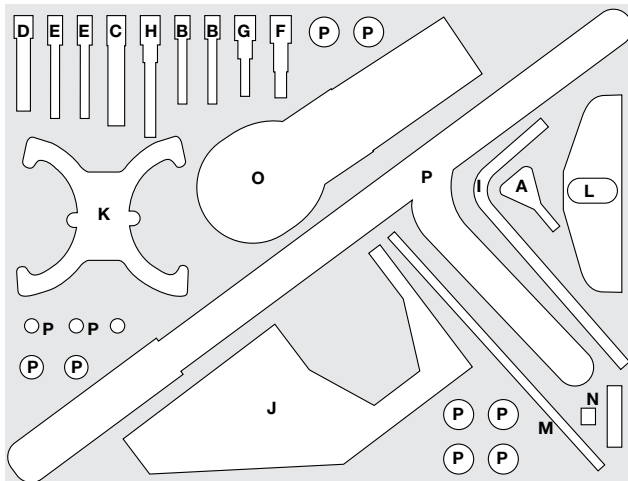
Application List*

Make & Model	Engine	Year
Ford		
Fiesta (WP - WS)	1.4L - 2.0L	2004 - 2010
Fiesta (WS - WT)	1.6L (Diesel)	2009 - 2012
Focus (LR - LW)	1.6L - 2.0L	2000 - 2012
Mondeo (HA - MC)	2.0L, 2.3L	1995 - 2012
Honda		
Integra	1.8L (B18)	1993 - 2001
Mazda		
CX-7	2.3L (MZR)	2006 - 2009
Mazda 2	1.5L (ZY)	2007 - 2012
Mazda 3	2.0L, 2.3L	2004 - 2012
Mazda 6	2.0L - 2.5L	2002 - 2012
MX5	2.0L (MZR)	2005 - 2012
Tribute	2.3L (L3)	2004 - 2008
Volvo		
C30 (TDi)	1.6L (D4164T)	2010 - 2012
C30, S40, V50 (TDi)	2.0L (D4204T)	2009 - 2010

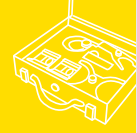
Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0011	303-1054	Chain Tensioner Locking Pin
B	A0081		Locking Pin
C	A0089	21-262, 303-734, 999 7121	Crankshaft Locking Pin
D	A0092	21-263, 303-735, 999 7122	Camshaft Locking Pin
E	A0107	07744-0010400, 21-2160, 303-732, 999 7169, 999 7233	Camshaft Timing Pins
F	A0121	303-748	Crankshaft Alignment Pin
G	A0122	21-210, 303-507, 49 JE01 061	Camshaft Timing Pin
H	A0124	21-163, 303-620	Crankshaft Timing Pin
I	A0216	303-1059, 999 7121	Flywheel Timing Pin
J	A0257	303-1061, 49 UN30 310610	Camshaft Alignment Tool
K	A0361	303-1097	Camshaft Sprocket Locking Tool
L	A0406	303-393, 999 7119	Flywheel Locking Tool
M	A0418	21-162, 303-376, 49 JE01 054	Camshaft Setting Bar
N	A0435	303-393-01, 303-393-02, 999 7120	Flywheel Locking Tool Adaptors
O	A0608	49 B011 105	Crankshaft Pulley Holding Tool
P	A0618		Universal Sprocket Holding Tool

Tool Reference



* Abbreviated applications to be used as a guide only, for complete vehicle application listings refer page 209-227 or website www.toledo.com.au/partfinder



TIMING TOOLS

FORD cont.

304708

Timing Tool Kit



- Suitable for popular 1.4L – 2.5L DOHC petrol and 1.6L – 2.4L diesel engine applications
- For the locking of the camshaft, crankshaft and tensioners during the removal and installation of the engine timing belt or chain and other engine servicing and repairs



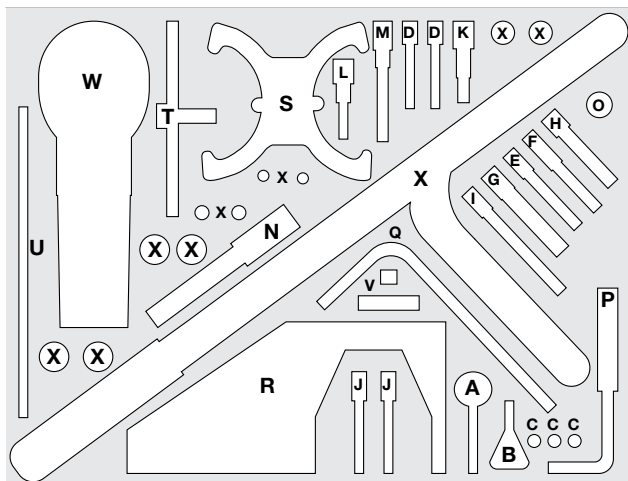
Application List*

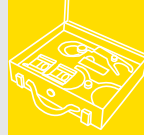
Make & Model	Engine	Year
Ford		
Fiesta (WP - WS)	1.4L - 2.0L	2004 - 2010
Fiesta (WS - WT)	1.6L (Diesel)	2009 - 2012
Focus (LR - LW)	1.6L - 2.0L	2000 - 2012
Mondeo (HA - MC)	2.0L, 2.3L	1995 - 2012
Transit (Diesel)	2.4L	2001 - 2012
Honda		
Integra	1.8L (B18)	1993 - 2001
Mazda		
CX-7	2.3L (MZR)	2006 - 2009
Mazda 2	1.5L (ZY)	2007 - 2012
Mazda 3	2.0L, 2.3L	2004 - 2012
Mazda 6	2.0L - 2.5L	2002 - 2012
MX5	2.0L (MZR)	2005 - 2012
Tribute	2.3L (L3)	2004 - 2008
Volvo		
C30 (TDi)	1.6L (D4164T)	2010 - 2012
C30, S40, V50 (TDi)	2.0L (D4204T)	2009 - 2010

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0001		Tensioner Locking Pin
B	A0011	303-1054	Chain Tensioner Locking Pin
C	A0049		Locking Pins
D	A0081		Injection Pump Locking Pin
E	A0083	21-263, 303-735, 999 7122	Camshaft Locking Pin
F	A0084	21-263, 303-735, 999 7122	Camshaft Locking Pin
G	A0089	21-262, 303-734, 999 7121	Crankshaft Locking Pin
H	A0092	21-263, 303-735, 999 7122	Camshaft Locking Pin
I	A0103		Locking Pin
J	A0107	07744-0010400, 21-260, 303-732, 999 7169, 999 7233	Camshaft Timing Pins
K	A0121	303-748	Flywheel Locking Tool Adaptors
L	A0122	21-210, 303-507, 49 JE01 061	Crankshaft Timing Pin
M	A0124	21-163, 303-620	Crankshaft Timing Pin
N	A0132		Locking Pin
O	A0147		
P	A0193	21-234, 21-251, 303-675, 303-698	Flywheel Locking Pin
Q	A0216	303-1059, 999 7121	Flywheel Timing Pin
R	A0257	303-1061, 49 UN30 310610	Camshaft Alignment Tool
S	A0361	303-1097	Camshaft Sprocket Locking Tool
T	A0406	303-393, 999 7119	Flywheel Locking Tool
U	A0418	21-162, 303-376, 49 JE01 054	Camshaft Setting Bar
V	A0435	303-393-01, 303-393-02, 999 7120	Flywheel Locking Tool Adaptors
W	A0608	49 B011 105	Crankshaft Pulley Holding Tool
X	A0618		Flywheel Locking Tool Adaptors

Tool Reference





FORD cont.

304739

Timing Tool Kit

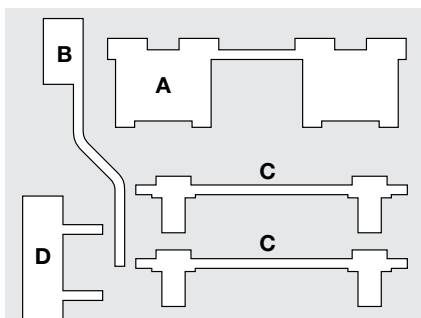
- Suitable for popular Falcon 5.4L V8 DOHC 32V (BOSS 260 and BOSS 290) petrol engine applications only
- For the locking of the camshafts and crankshaft during the removal and installation of the engine timing chain and other engine servicing and repairs

Note: Kit not suitable for Barra 5.4L V8 (24V) engine applications

Application List*

Make & Model	Engine	Year
Ford		
Falcon (BA) BOSS 260	5.4L (DOHC 32V)	2003 - 2005
Falcon (BF) BOSS 260	5.4L (DOHC 32V)	2005 - 2008
Falcon (FG) BOSS 290	5.4L (DOHC 32V)	2008 - 2011

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0649	303-446	Camshaft Holding Tool
B	A0650	6024	Crankshaft Alignment Tool
C	A0651	303-445	Camshaft Alignment Tool
D	A0652	303-447 (T93P-6256-BH)	Timing Belt Tensioner

304704

Timing Tool Kit

- This kit is suitable for popular Ford Courier and Econovan 2.2L (Diesel) and Fiesta 1.6 (TDCi) engine applications
- For full kit contents refer to page 188



ALSO SUITABLE

304738

Timing Tool Kit

- This kit is suitable for popular Ford Focus and Mondeo, XR5 and RS, 2.5L (DOHC) turbo petrol engine applications
- For full kit contents refer to page 201



ALSO SUITABLE

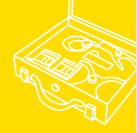
304726

Timing Tool Kit

- This kit is suitable for popular Fiesta, WS - WT (1.6 TDCi) diesel engine applications
- For full kit contents refer to page 191



ALSO SUITABLE



TIMING TOOLS

HOLDEN

304723

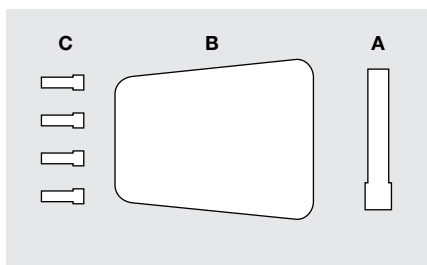
Timing Tool Kit Diesel

- Suitable for 2.0L (Z20S1) SOHC 16V turbo diesel engine applications
- For the locking of the camshaft and crankshaft during the removal and installation of the engine timing belt

Application List*

Make & Model	Engine	Year
Holden		
Captiva (D)	2.0L (Z20S1)	2007 - 2012
Cruze (D)	2.0L (Z20S1)	2009 - 2013
Epica (D)	2.0L (Z20S1)	2008 - 2011

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0089	EN-48246	Crankshaft Locking Pin
B	A0633	EN-48245	Camshaft Locking Tool
C			Bolts

304742

Timing Tool Kit Petrol

- Suitable for popular 1.4L, 1.8L, 2.0L and 2.2L DOHC 16V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt and other engine servicing and repairs

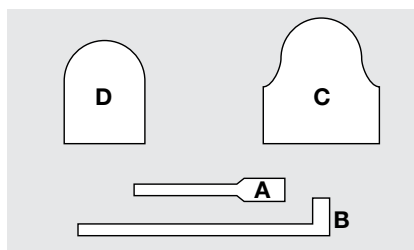
Application List*

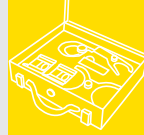
Make & Model	Engine	Year
Holden		
Astra (TS)	1.8L (X18XE)	1998 - 2000
Astra (TS)	1.8L (Z18XE)	2001 - 2004
Astra (TS Ser. II)	2.0L (Z20LET)	2003 - 2004
Astra (AH)	1.8L (Z18XE)	2004 - 2007
Astra (AH)	2.0L (Z20LER)	2006 - 2010
Barina (XC)	1.4L (Z14XE)	2001 - 2004
Barina (XC)	1.8L (Z18XE)	2001 - 2005
Tigra (XC)	1.8L (Z18XE)	2005 - 2007
Vectra (JR, JS)	2.0L (C20SEL)	1997 - 2000
Vectra (JS)	2.2L (C22SEL)	1998 - 2002

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0113	KM-6130	Auxiliary Drive Belt Tensioner Locking Tool
B	A0196	KM-911	Flywheel Locking Tool
C	A0370	KM-853	Camshaft Locking Tool
D	A0371	KM-852	Camshaft Locking Tool

Tool Reference





HOLDEN cont.

304711

Timing Tool Kit

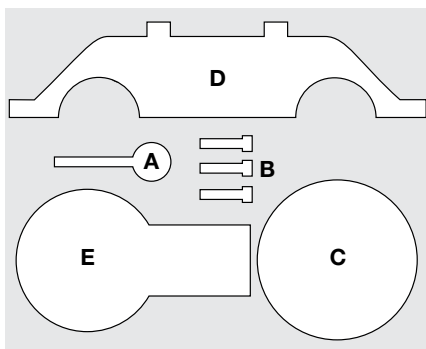
- Suitable for popular 2.2L (Z22SE / Z22YH) DOHC 16V petrol engine applications
- For the locking and alignment of the camshaft, crankshaft, tensioner and water pump during the removal and installation of the engine timing chain and other engine servicing and repairs

Application List*

Make & Model	Engine	Year
Holden		
Astra (TS)	2.2L (Z22SE)	2001 - 2007
Astra (AH)	2.2L (Z22YH)	2006 - 2010
Vectra (ZC)	2.2L (Z22SE)	2003 - 2006
Zafira (TT)	2.2L (Z22SE)	2001 - 2006



Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0001	KM-6077	Tensioner Locking Pin
B	A0064		Bolts
C	A0385	KM-J-43651	Water Pump Holding Tool
D	A0397	KM-6148	Camshaft Locking Tool
E	A0613	KM-956-1, KM-J-38122-A	Crankshaft Pulley Holder

304710

Timing Tool Kit

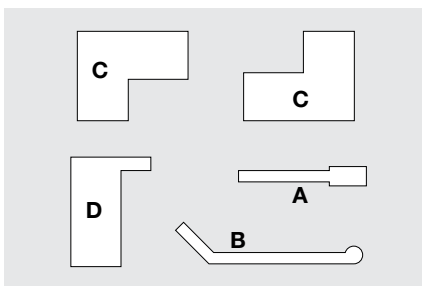
- Suitable for 1.8L Z18XER DOHC 16V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt and other engine servicing and repairs

Application List*

Make & Model	Engine	Year
Holden		
Astra (AH)	1.8L (Z18XER)	2007 - 2010
Viva (JF)	1.8L (X18XE)	2005 - 2010



Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0113	KM-6349	Auxiliary Drive Belt Tensioner Locking Tool
B	A0217	KM-6333	Cam Belt Tension Lock Pin
C	A0379	KM-6340	Camshaft Lock Tool
D	A0610	KM-6625	Flywheel Locking Tool



TIMING TOOLS

HOLDEN cont.

304732

Camshaft Alignment Tools

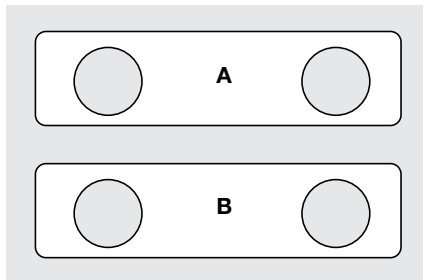
- Suitable for 3.6L (V6) DOHC 24V petrol engine applications
- For locking of the camshafts during engine servicing and repairs

Note: Not suitable for SIDI engine applications

Application List*

Make & Model	Engine	Year
Holden		
Captiva (CG)	3.2L (LU1)	2006 - 2011
Commodore (VZ)	3.6L (LE0, LY7)	2004 - 2006
Commodore (VE)	3.6L (LE0, LY7)	2006 - 2009
Rodeo (RA)	3.6L	2005 - 2008
Statesman (WL)	3.6L (LY7)	2004 - 2006
Statesman (WM)	3.6L (LY7)	2006 - 2009

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0624	EN-46105-1	Camshaft Alignment Tool 1
B	A0625	EN-46105-2	Camshaft Alignment Tool 2

304743

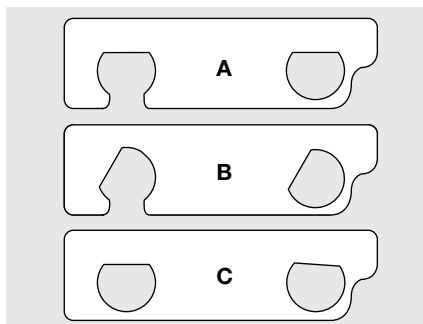
Camshaft Alignment Tools

- Suitable for 3.0L and 3.6L (V6) DOHC 24V SIDI petrol engine applications
- For the locking of the camshafts during engine servicing and repairs

Application List*

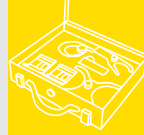
Make & Model	Engine	Year
Holden		
Captiva (CG)	3.0L (LF1)	2011 - 2012
Commodore (VE)	3.0L (LF1)	2009 - 2012
Commodore (VE)	3.6L (LLT)	2009 - 2012
Statesman (WM)	3.6L (LLT)	2009 - 2012

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0654	EN-48383-1	Camshaft Alignment Tool 1 (LH Cam, Stage 1)
B	A0655	EN-48383-2	Camshaft Alignment Tool 2 (LH Cam, Stage 2)
C	A0656	EN-48383-3	Camshaft Alignment Tool 3 (RH Cam, Stage 2)



HOLDEN cont.

304712

Timing Tool Kit

- Suitable for popular 1.2L – 2.2L petrol and 1.9L diesel engine applications
- For the locking and alignment of the camshafts, crankshaft, tensioner and water pump during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



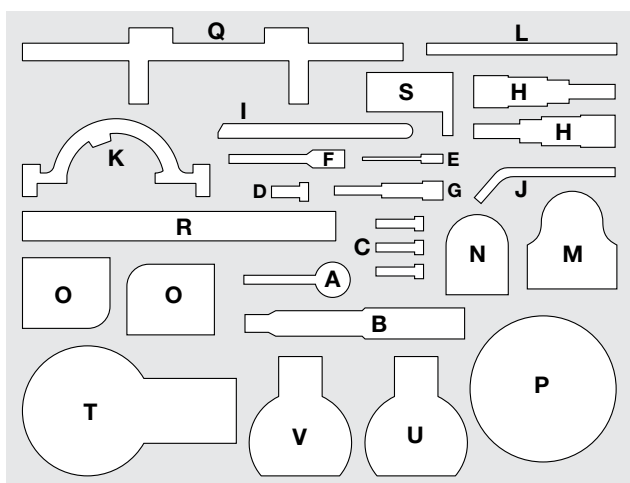
Application List*

Make & Model	Engine	Year
Daewoo		
Cielo	1.5L (A15, G15)	1995 - 1998
Holden		
Astra (TS - AH)	1.8L (X18, Z18)	1998 - 2010
Astra (TS - AH) Turbo	2.0L (Z20LER,T)	2003 - 2010
Astra (TS - AH)	2.2L (Z22)	2001 - 2010
Astra (AH) Diesel	1.9L (Z19DT)	2006 - 2010
Barina, Combo (SB)	1.2L, 1.4L (C12, C14)	1994 - 2002
Barina, Combo (XC)	1.4L - 1.8L (Z14, Z16, Z18)	2001 - 2012
Tigra (XC)	1.8L (Z18XE)	2005 - 2007
Vectra (JR - JS)	2.0L, 2.2L (C20, C22SEL)	1997 - 2000
Vectra (ZC)	2.2L (Z22SE)	2003 - 2006
Viva (JF)	1.8L (X18XE)	2005 - 2010
Zafira (TT)	2.2L (Z22SE)	2001 - 2006

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0001	KM-6077	Tensioner Locking Pin
B	A0038	KM-952	Crankshaft Locking Pin
C	A0064		Bolts
D	A0067		Bolt
E	A0106	KM-955-1	Timing Chain Tensioner Locking Pin
F	A0113	KM-6130, KM-6349	Auxiliary Drive Belt Tensioner Locking Tool
G	A0175	EN-46788	Crankshaft Locking Tool & Bolt
H	A0184	1.870.986.900, EN-46789	Camshaft Locking Tools
I	A0196	KM-911	Flywheel Locking Tool
J	A0217	KM-6333	Cam Belt Tension Lock Pin
K	A0283	KM-954	Camshaft Position (CMP) Sensor Disc Setting Tool
L	A0333	1.860.905.000, 1.860.905.010	Crankshaft Alignment Tool
M	A0370	KM-853	Camshaft Locking Tool
N	A0371	KM-852	Camshaft Locking Tool
O	A0379	KM-6340	Camshaft Locking Tool
P	A0385	KM-J-43651	Water Pump Holding Tool
Q	A0397	KM-6148	Camshaft Locking Tool
R	A0418	21-162, 303-376, 49 JE01 054	Camshaft Setting Bar
S	A0610	KM-6625	Flywheel Locking Tool
T	A0613	KM-956-1, KM-J-38122-A	Crankshaft Pulley Holder
U	A0616	KM-421-A, KM-6283	Water Pump Wrench (41mm)
V	A0617	KM-421-B, KM-6283	Water Pump Wrench (46mm)

Tool Reference





TIMING TOOLS

HOLDEN cont.

304713

Timing Tool Kit

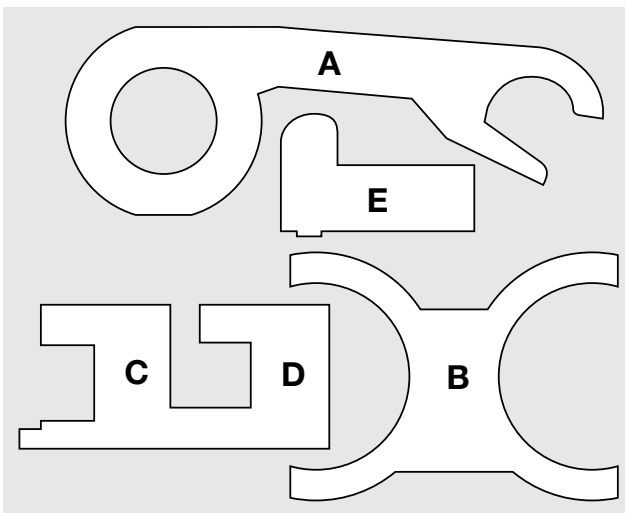
- Suitable for popular 2.5L – 3.2L DOHC petrol engine applications
- For the locking and alignment of the camshafts and crankshaft during the removal and installation of the engine timing belt and other engine servicing and repairs



Application List*

Make & Model	Engine	Year
Holden		
Calibra	2.5L (C25XE)	1995 - 1998
Vectra (JR - JS)	2.5L (X25XE)	1997 - 2000
Vectra (JS)	2.6L (Y26SE)	2000 - 2001
Vectra (ZC)	3.2L (Z32SE)	2003 - 2006

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0308	KM-800-10	Crankshaft Locking Tool
B	A0359	KM-800-20	Camshaft Timing Gauge
C	A0366	KM-800-1	Camshaft Lock Tool (RED)
D	A0367	KM-800-2	Camshaft Lock Tool (GREEN)
E	A0434	KM-800-30	Belt Holding Tool

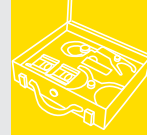
304734

Timing Tool Kit

- Universal timing tool kit contains a comprehensive range of pulley holding and pulling tools suitable for popular Australian, Japanese and Korean applications
- For full kit contents refer to page 182, 196



ALSO SUITABLE



HONDA

304704

Timing Tool Kit

- This kit is suitable for popular Honda Integra, 1.8L (B18 - DOHC) engine applications
- For full kit contents refer to page 188



ALSO SUITABLE

304706

Timing Tool Kit

- This kit is suitable for popular Honda Integra, 1.8L (B18 - DOHC) engine applications
- For full kit contents refer to page 173



ALSO SUITABLE

304708

Timing Tool Kit

- This kit is suitable for popular Honda Integra, 1.8L (B18 - DOHC) engine applications
- For full kit contents refer to page 174



ALSO SUITABLE

304726

Timing Tool Kit

- This kit is suitable for popular Honda Integra, 1.8L (B18 - DOHC) engine applications
- For full kit contents refer to page 191



ALSO SUITABLE

304729

Timing Tool Kit

- This kit is suitable for popular Honda Integra, 1.8L (B18 - DOHC) engine applications
- For full kit contents refer to page 172



ALSO SUITABLE



TIMING TOOLS

HONDA, HYUNDAI, MAZDA

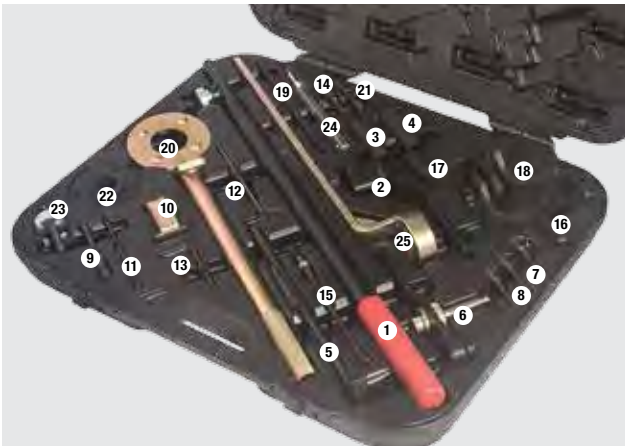
304734

Timing Tool Kit

- Universal timing tool kit contains a comprehensive range of pulley holding and pulling tools suitable for popular Australian, Japanese and Korean applications
- For the locking and alignment of the camshafts, crankshaft, tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs

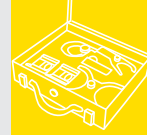


Tool Reference



Contents

Tool Ref.	OEM Tool No.	Manufacturer	Description
1	07-JAB-001020B	Honda	Handle Holder Crank Pulley
2	07-MAB-PY-30100	Honda	Holder Attachment Crank Pulley
3	JAA0010100V17	Honda	17mm Socket
4	JAA0010100V19	Honda	19mm Socket
5	18G1521	Honda	Camshaft Holder Tool
6	JAB-0010100	Honda	Tool Holder
7	18G1523	Honda	Flywheel Fixed Pin
8	18G1717A	Honda	Injection Pump Pin
9	07 LAG-PT 20100	Honda	Balance Shaft Fixed Pin
10	14540-P13-003	Honda	Clamp
11	07744-0010400	Honda	Driver Pin (5.0mm)
12	18G1719	Honda	Fixed Bolt
13	09244-28100	Hyundai / Mitsubishi	Locking Pin 3 x 112mm
14	09244-28100	Hyundai / Mitsubishi	Connecting Pin 14 x 55mm
15	09244-28000	Hyundai	Belt Spanner
16	KM 42 A	Daewoo / Holden	Water Pump Wrench (SW41)
17	MKM 472	Daewoo / Holden	Water Pump Wrench (SW46)
18	J 42492	Daewoo / Holden	Water Pump Wrench (SW40)
19	49 JE 01064	Mazda	Camshaft Holder Tool
20	499977000	Subaru	Crankshaft Pulley Holder
21	49 JE 01061	Mazda	OT Fixed Pin
22	49 JE 01002	Mazda	Pulley Holder
23	49 JE 01062	Mazda	Crankshaft Pulley Tool
24	49 JE 01050	Mazda	Crankshaft Pin
25	49 DO 11102	Mazda	Crankshaft Holder Tool



MAZDA

304706

Timing Tool Kit

- This kit is suitable for popular Mazda CX-7, Mazda 2, Mazda 3, Mazda 6 and Tribute petrol engine applications
- For full kit contents refer to page 173



ALSO SUITABLE

304708

Timing Tool Kit

- This kit is suitable for popular Mazda CX-7, Mazda 2, Mazda 3, Mazda 6 and Tribute petrol engine applications
- For full kit contents refer to page 174



ALSO SUITABLE

304730

Timing Tool Kit

- This kit is suitable for popular Mazda CX-7, Mazda 2, Mazda 3, Mazda 6 and Tribute petrol engine applications
- Applications may require additional tools to complete repairs
- For full kit contents refer to page 172



ALSO SUITABLE

304704

Timing Tool Kit

- This kit is suitable for popular Mazda 3, 2.0L (SOHC) diesel engine applications
- For full kit contents refer to page 188



ALSO SUITABLE

304721

Timing Tool Kit

- This kit is suitable for popular Mazda 3, 2.0L (SOHC) diesel engine applications
- For full kit contents refer to page 190



ALSO SUITABLE



TIMING TOOLS

MERCEDES

304709

Timing Tool Master Kit

- Suitable for popular 1.4L – 6.0L (4, 6, V6, V8 & V12) petrol and 2.1L – 3.2L (4, 5, 6 & V6) diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing chain and other engine servicing and repairs



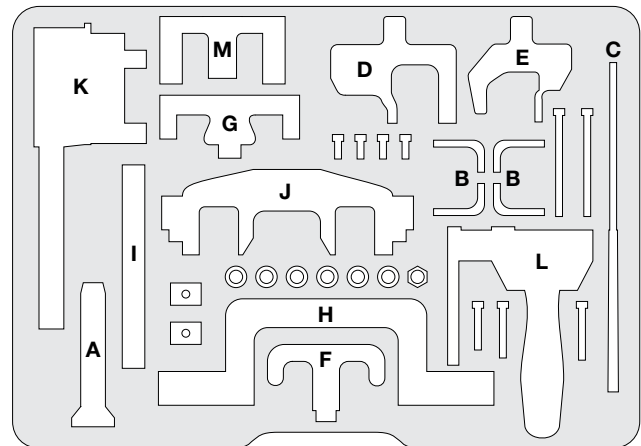
Application List*

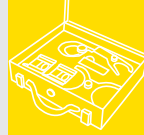
Make & Model	Engine	Year
Mercedes		
A Class (A140 - A200)	1.4L - 2.0L	1999 - 2010
B Series (B180 - B200)	1.7L - 2.0L	2005 - 2012
C Class (C, CL, CLC, CLK, CLS)	1.8L - 5.5L	2001 - 2012
E Class (E200 - E500)	1.8L - 5.5L	2000 - 2012
ML Class (ML270 - ML500)	2.7L - 5.5L	2000 - 2012
R Class (R350 - R500)	3.5L - 5.5L	2006 - 2010
S Class (S, SL, SLK)	1.8L - 6.0L	2004 - 2012
Sprinter	2.1L - 2.7L	2000 - 2012
Viano	2.2L	2005 - 2011
Vito	2.1L - 2.2L	1999 - 2012
Ssangyong		
Rexton	2.7L (OM665)	2004 - 2008
Stavic	2.7L (OM665)	2005 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0104	271589001500	Chain Tensioner Drift
B	A0231	111589031500	Camshaft Locking Pin
C	A0248	112589000100	Camshaft Spanner
D	A0249	112589013200	LH Camshaft Locking Tool
E	A0250	112589003200	RH Camshaft Locking Tool
F	A0259	601589024000	Flywheel Locking Tool
G	A0260	602589004000	Flywheel Plate Locking Tool
H	A0270	271589014000	Timing Chain to Camshaft Sprocket Holder
I	A0271	271589003100	Tensioner Rail Wedge
J	A0282	271589006100	Camshaft Holding Tool
K	A0341	271589004000	Crankshaft Holding Tool
L	A0619		Balancer Shaft Chain Link Installer Die Kit
M	A0648	112589034000	Flywheel Locking Tool

Tool Reference





MINI

304718

Timing Tool Kit  **petrol**

- Suitable for 1.6L (EP6, N12 & N14) DOHC 16V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing chain and other engine servicing and repairs



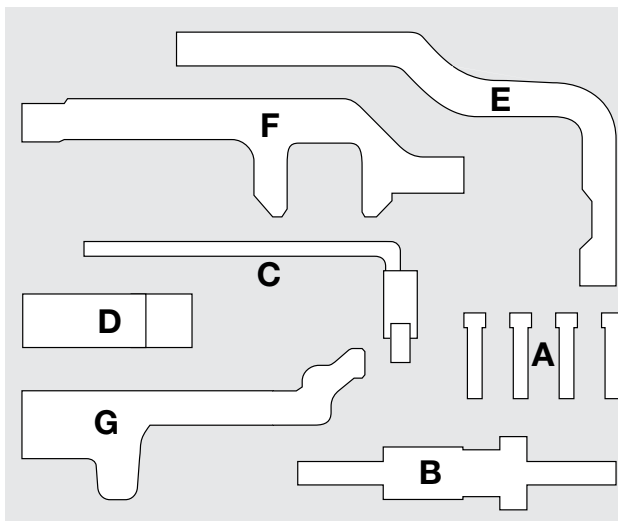
Application List*

Make & Model	Engine	Year
Citroen		
C3, DS3	1.6L (EP6C)	2010 - 2012
C4	1.6L (EP6DT)	2009 - 2012
MINI		
Cooper	1.6L (N12)	2007 - 2012
Cooper (S)	1.6L (N14)	2007 - 2012
One	1.6L (N14)	2007 - 2008
Peugeot		
207, 207CC, 308	1.6L (EP6)	2007 - 2012
207 (GT), 207CC, 308, 3008	1.6L (EP6DT)	2007 - 2012
207 (GTi), 308 (XTS)	1.6L (EP6DTS)	2007 - 2011
RCZ	1.6L (EP6CDT)	2010 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0072		Camshaft Alignment Kit (Bolts)
B	A0170	11 9 340	Timing Chain Pre-Tensioning Tool
C	A0208	0197-B 11 9 590	Crankshaft Timing Pin
D	A0429	11 9 552	Camshaft Alignment Kit
E	A0450	0197-A3 11 9 540	Camshaft Alignment Tool
F	A0451	0197-A2 0197-A3 11 9 550	Camshaft Alignment Tool
G	A0452	0197-A1 11 9 540 11 9 550	Camshaft Alignment Tool

Tool Reference





TIMING TOOLS

MINI cont.

304703

Timing Tool Kit

- Suitable for popular 1.6L SOHC 16V (W10 & W11) petrol engine applications
- For locking of the camshaft during the removal and installation of the engine timing chain and other engine servicing and repairs



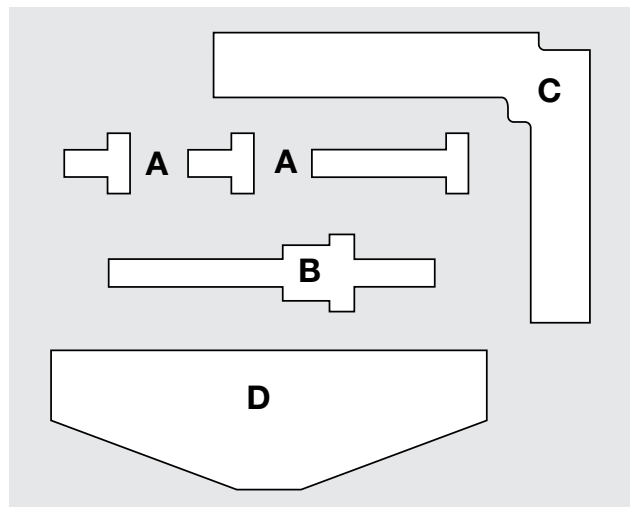
Application List*

Make & Model	Engine	Year
MINI		
Cooper (R50)	1.6L (W10 B16A)	2002 - 2007
Cooper S (R50 - R53)	1.6L (W11 B16)	2002 - 2009
One (R50)	1.6L (W10 B16A)	2001 - 2006

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0068		Engine Support Bracket Bolts
B	A0164	11 8 240	Tensioner Assembly Tool
C	A0195	11 8 370	Engine Support Bracket
D	A0261	11 8 250	Camshaft Sprocket Holding Tool

Tool Reference



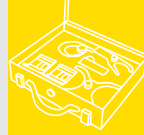
304719

Timing Tool Kit

- This kit is suitable for popular MINI Cooper R56 1.6L diesel engine applications
- For full kit contents refer to page 162

ALSO SUITABLE





MITSUBISHI

304733

Timing Tool Kit

- Universal timing tool kit contains a comprehensive range of pulley holding and pulling tools suitable for popular Mitsubishi and Toyota applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs

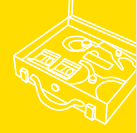


Tool Reference



Contents

Tool Ref.	OEM Tool No.	Manufacturer	Description
1	XB 990757	Mitsubishi	Crankshaft Pulley Holder Tool
2	09330-0021	Toyota	Companion Flange Holding Tool
3	09278-54012	Toyota	Variable Pin Wrench
4	09223-15030	Toyota	Crankshaft Rear Oil Seal Replacer
5	09213-54015	Toyota	Crankshaft Pulley Holding Tool
6	09213-14010	Toyota	Camshaft Pulley Holding Tool
7	09951-05010	Toyota	Hanger 150
7, 14-29	09951-50013	Toyota	SST Pullers
8			Bolts - M8 x 65 (x2)
9			Bolts - M8 x 116 (x2)
10			Bolts - M8 x 106 (x2)
11			Bolts - M8 x 88 (x2)
12			Bolts - M8 x 80 (x2)
13			Bolts - M8 x 55 (x2)
14	09954-05561	Toyota	Bolts - M6 x 100 (x2)
15	09954-05551	Toyota	Bolts - M6 x 30 (x2)
16	09957-04010	Toyota	Attachment
17	09555-05010	Toyota	Adapter Screw M10 x 1.25 (x2)
18	09555-05020	Toyota	Adapter Screw M10 x 1.5 (x2)
19	09555-05030	Toyota	Adapter Screw M12 x 1.25 (x2)
20	09555-05040	Toyota	Adapter Screw M12 x 1.5 (x2)
21	09954-05070	Toyota	Bolts - M8 x 75 (x2)
22	09954-05521	Toyota	Bolts - M8 x 50 (x2)
23	09954-05541	Toyota	Bolts - M8 x 150 (x2)
24	09954-05011	Toyota	Bolts - M5 x 100 (x2)
25	09954-05531	Toyota	Bolts - M8 x 100 (x2)
26	09954-05080	Toyota	Bolts - M8 x 225 (x2)
27	09953-05010	Toyota	Centre Bolt 100mm
28	09953-05020	Toyota	Centre Bolt 150mm
29	09952-05010	Toyota	Slide Arm
30	XD 998738	Mitsubishi	Spanner Tool Belt Adjustment Screw
31	XD 998767	Mitsubishi	Camshaft Pulley Holder Tool



TIMING TOOLS

PEUGEOT

304704

Timing Tool Kit

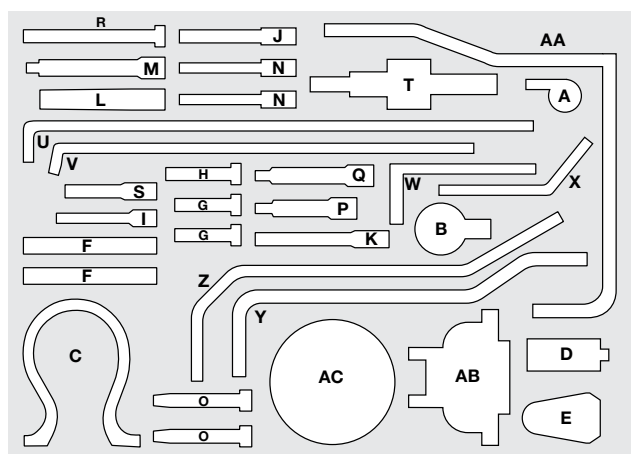
- Suitable for popular 1.4L – 2.2L petrol and 1.5L – 3.1L diesel engine applications
- For the locking of the camshafts and crankshaft during the removal and installation of the engine timing belt and other engine servicing and repairs



Application List*

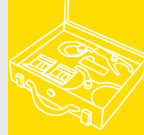
Make & Model	Engine	Year
Citroën		
Berlingo II, C3	1.4L (TU3JP)	2002 - 2010
Berlingo, C2, C3, C4	1.6L (TU5JP4)	2003 - 2012
C4	2.0L (EW10J4S)	2005 - 2009
Ford		
Fiesta	1.6L (TDCi)	2009 - 2012
Holden		
Jackaroo	3.1L (4JG2)	1992 - 1998
Honda		
Integra	1.8L (B18)	1993 - 2001
Mazda		
Mazda 3 (Diesel)	2.0L (RF)	2007 - 2009
Peugeot		
206 CC, 307	1.6L (TU5JP4)	2001 - 2008
206 GTi, 307	2.0L (EW10J4,S)	1999 - 2008
307, 307CC	2.0L (EW10A)	2005 - 2009
406	1.6L (TU5JP)	1995 - 1999
406	2.0L (XU10J4)	1996 - 2004
306, 405, 406 (Diesel)	1.9L (XUD9)	1993 - 2001
406 (Diesel)	2.1L (XUD11)	1997 - 1999
407	2.2L (EW12)	2004 - 2009
Volvo		
C30	1.6L (Diesel)	2009 - 2012

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0007	4200-TH	Tensioner Pulley Locking Pin
B	A0008	0188-AH	Crankshaft Sprocket Centralizing Tool
C	A0019	0189-K, 4533-TAD	Timing Belt Retaining Clip
D	A0029	0134-Q	Flywheel Locking Tool
E	A0031	0153-A, 6012-T, 9765 54, D86	Flywheel Locking Tool
F	A0050	0132-R, 0153-AB, 0153-G, 4507-TB	Camshaft & Flywheel Timing Pins
G	A0070	M8 x 1.25 x 30mm	Bolt
H	A0071	M8 x 1.25 x 40mm	Bolt
I	A0081	0132-AJ1, 0178-C, 0188-H, 0195C, 4533-TAC1	Camshaft Timing Pin
J	A0083	0194-B, 21-263, 303-735, 999 7122	Camshaft Sprocket Locking Pin
K	A0087	4533-TAC1, 4533-TAC2	Camshaft Locking Pin
L	A0089	21-262, 303-734, 999 7121	Crankshaft Locking Pin
M	A0090	0189-L, 0189-AZ	Camshaft Timing Pin
N	A0107	0132-AB, 0194-A, 07744-0010400, 21-260, 303-732, 999 7169, 999 7233	Crankshaft Locking Pins
O	A0117	0178-C, 0178-D	Injection Pump Timing Pins
P	A0119	0189-A	Camshaft Timing Pin
Q	A0120	0189-AZ	Camshaft Timing Pin
R	A0126	M8 x 1.25	Bolt
S	A0135	0132-RZ	Camshaft Timing Pin
T	A0182	0189-R	Flywheel Locking Tool
U	A0199	0189-S2	Tensioner Pulley Locking Tool
V	A0200	0189-S2	Tensioner Pulley Locking Tool
W	A0202	0132-X, 4507-TJ	Auxiliary Belt Tensioner Setting Tool
X	A0224	0132-Q, 4507-TA	Crankshaft Timing Pin
Y	A0227	0153-N, 7004-TG, 7014-TJ, 7017-TR, 9767 34	Crankshaft Timing Pin
Z	A0228	7017-TR	Flywheel Timing Pin
AA	A0229	0153-N, 7099-TM, 7017-TR, 9767 34	Flywheel Timing Pin
AB	A0256	7015-T (0174)	Crankshaft Pulley Puller
AC	A0386	0189-S1	Tensioner Pulley Adjusting Tool



PEUGEOT cont.

304718

Timing Tool Kit

- Suitable for 1.6L (EP6, N12 & N14) DOHC 16V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing chain and other engine servicing and repairs



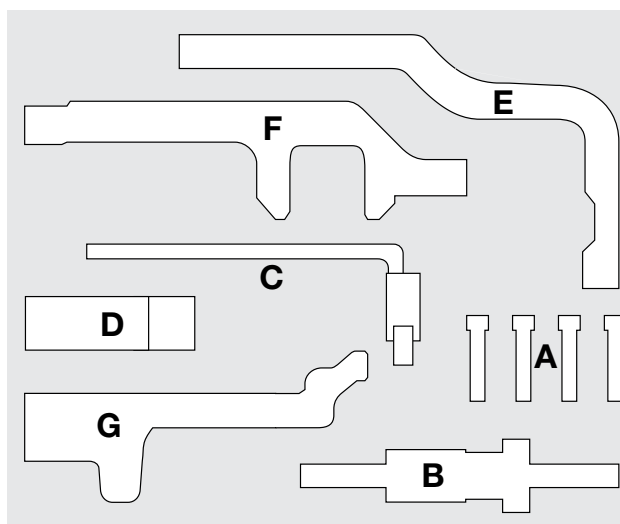
Application List*

Make & Model	Engine	Year
Citroën		
C3, DS3	1.6L (EP6C)	2010 - 2012
C4	1.6L (EP6DT)	2009 - 2012
MINI		
Cooper	1.6L (N12)	2007 - 2012
Cooper (S)	1.6L (N14)	2007 - 2012
One	1.6L (N14)	2007 - 2008
Peugeot		
207, 207CC, 308	1.6L (EP6)	2007 - 2012
207 (GT), 207CC, 308, 3008	1.6L (EP6DT)	2007 - 2012
207 (GTi), 308 (XTS)	1.6L (EP6DTS)	2007 - 2011
RCZ	1.6L (EP6CDT)	2010 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0072		Camshaft Alignment Kit (Bolts)
B	A0170	11 9 340	Timing Chain Pre-Tensioning Tool
C	A0208	0197-B 11 9 590	Crankshaft Timing Pin
D	A0429	11 9 552	Camshaft Alignment Kit
E	A0450	0197-A3 11 9 540	Camshaft Alignment Tool
F	A0451	0197-A2 0197-A3 11 9 550	Camshaft Alignment Tool
G	A0452	0197-A1 11 9 540 11 9 550	Camshaft Alignment Tool

Tool Reference





TIMING TOOLS

PEUGEOT cont.

304721

Timing Tool Kit Diesel

- Suitable for popular 2.0L (DW10) and 2.2L (DW12) diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



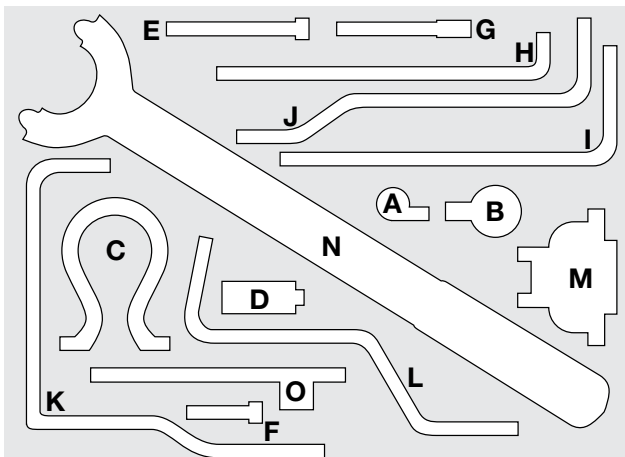
Application List*

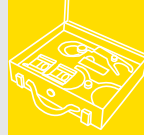
Make & Model	Engine	Year
Citroën		
C4, C5 (HDi)	2.0L (DW10B, C)	2001 - 2012
C5 (HDi)	2.2L (DW12TED4)	2005 - 2008
Dispatch	2.0L (DW10UTED4)	2008 - 2012
Xsara	2.0L (DW10TD)	2000 - 2005
Mazda		
Mazda 3 (Diesel)	2.0L (RF)	2007 - 2009
Peugeot		
306, 307 (HDi)	2.0L (DW10TD)	2000 - 2005
307, 308 (HDi)	2.0L (DW10BTED4)	2005 - 2011
3008 (HDi)	2.0L (DW10CTED4)	2010 - 2011
406 (HDi)	2.0L (DW10ATED)	1999 - 2004
407 (HDi)	2.0L (DW10B,C)	2004 - 2011
4007 (HDi)	2.2L (DW12MTED4)	2009 - 2012
RCZ (HDi)	2.0L (DW10CTED4)	2010 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0007	0153-AL	Tensioner Pulley Locking Pin
B	A0008	0188-AH	Crankshaft Sprocket Centralizing Tool
C	A0019	0188-K	Timing Belt Retaining Clip
D	A0029	0188-F	Crankshaft Locking Tool
E	A0047	M8 x 1.25	M8 x 70mm Set Screw
F	A0071	M8 x 1.25 x 40mm	Bolt
G	A0087	0188-M	Camshaft Locking Pin
H	A0201	0188-Q1, 0188-Q2, 0188-Z	Cambelt Tensioner
I	A0215	0188-X	Crankshaft Timing Pin
J	A0227	0188-Y	Flywheel Timing Pin
K	A0229	0153-N, 0188-D, 0288-D, 7099-TM	Flywheel Timing Pin
L	A0230	7004-TG	Camshaft Timing Pin
M	A0256	0188-P	Crankshaft Pulley Puller
N	A0313	0132-AA, 6016-T	Camshaft Adjusting Wrench
O	A0345	0188-J2	Tensioning Tool

Tool Reference





PEUGEOT cont.

304726

Timing Tool Kit

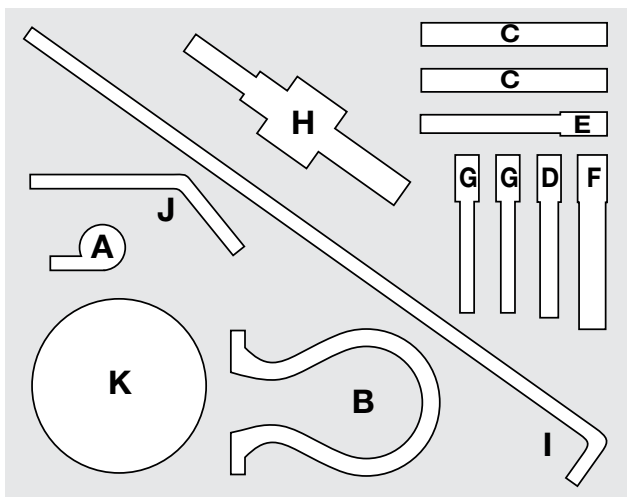
- Suitable for popular 1.4L – 2.0L SOHC 8V and DOHC 16V petrol engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt and other engine servicing and repairs



Application List*

Make & Model	Engine	Year
Citroën		
Berlingo II, C3	1.4L (TU3JP)	2003 - 2010
C2, C3, C4	1.6L (TU5JP4)	2003 - 2010
C4	2.0L (EW10J4S)	2005 - 2009
Ford		
Fiesta	1.6L (TDCi)	2009 - 2012
Peugeot		
307, 307CC	2.0L (EW10A)	2005 - 2009
Volvo		
C30	1.6L (Diesel)	2009 - 2012

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0007	4200-TH	Tensioner Pulley Locking Pin
B	A0019	0189-K, 4533-TAD	Timing Belt Retaining Clip
C	A0050	0132-R, 0153-AB, 0153-G, 4507-TB	Camshaft Timing Pin
D	A0083	0194-B, 21-263, 303-735, 999 7122	Camshaft Timing Pin
E	A0087	4533-TAC1, 4533-TAC2	Camshaft Timing Pin
F	A0089	21-262, 303-734, 999 7121	Flywheel Locking Tool
G	A0107	0132-AB, 0194-A, 07744-0010400, 21-260, 303-732, 999 7169, 999 7233	Camshaft Timing Pins
H	A0182	0189-R	Flywheel Locking Tool
I	A0199	0189-S2	Tensioner Pulley Locking Tool
J	A0224	0132-Q, 4507-TA	Flywheel Locking Tool
K	A0386	0189-S1	Tensioner Pulley Adjusting Tool



TIMING TOOLS

RENAULT

304727

Timing Tool Master Kit

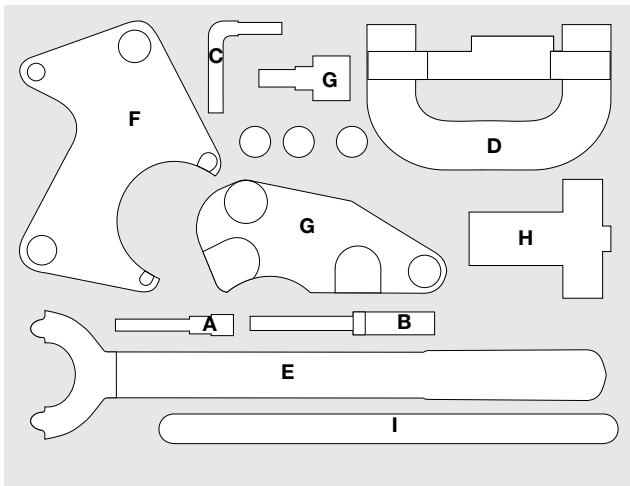
- Suitable for popular 1.4L – 2.0L DOHC 16V petrol and 1.9L DCI diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt and other engine servicing and repairs



Application List*

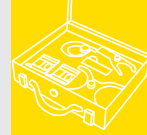
Make & Model	Engine	Year
Renault		
Clio	1.4L (K4J)	2000 - 2008
Clio, Kangoo, Megane	1.6L (K4M)	1999 - 2012
Clio, Laguna, Megane, Scenic	2.0L (F4R)	2001 - 2012
Kangoo (Diesel)	1.9L (F8Q)	2001 - 2004

Tool Reference



Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0095	MOT 1054	Crankshaft Locking Pin
B	A0136	MOT 1489	Crankshaft Timing Pin
C	A0191		Guide Pin
D	A0243	MOT 1496, MOT 1750	Camshaft Setting Bar
E	A0313	MOT 799-01	Camshaft Adjusting Wrench
F	A0360	MOT 1490-01	Camshaft Sprocket Locking Tool
G	A0437	MOT 1509-01, MOT 1801	Camshaft Locking Tool
H	A0607	1 895 751 000, 1 895 751 023, A 95751, MOT 1273, MOT 1505, MOT 1638, MOT 1715	Auxiliary Drive Belt Tension Gauge
I	A0620	MOT 1368	Guide Pulley Wrench



SEAT

304714

Timing Tool Kit

- This kit is suitable for popular Seat Cordoba, Ibiza and Toledo applications
- For full kit contents refer to page 158



ALSO SUITABLE

304715

Timing Tool Kit

- This kit is suitable for popular Seat Cordoba, Ibiza and Toledo applications
- For full kit contents refer to page 154



ALSO SUITABLE

304725

Timing Tool Kit

- This kit is suitable for popular Seat Cordoba, Ibiza and Toledo applications
- For full kit contents refer to page 159



ALSO SUITABLE

304728

Timing Tool Kit

- This kit is suitable for popular Seat Cordoba, Ibiza and Toledo applications
- For full kit contents refer to page 156



ALSO SUITABLE



TIMING TOOLS

SKODA

304715

Timing Tool Master Kit

- This kit is suitable for popular Skoda Fabia, Octavia and Roomster applications
- For full kit contents refer to page 154



ALSO SUITABLE

304725

Timing Tool Kit

- This kit is suitable for popular Skoda Fabia, Octavia and Roomster applications
- For full kit contents refer to page 159



ALSO SUITABLE

304716

Timing Tool Kit

- This kit is suitable for popular Skoda Fabia, Octavia and Roomster, 1.6L (DOHC) petrol engine applications
- For full kit contents refer to page 155



ALSO SUITABLE

304714

Timing Tool Kit

- This kit is suitable for popular Skoda Octavia, 1.6L (SOHC) petrol engine applications
- For full kit contents refer to page 158



ALSO SUITABLE

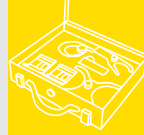
304728

Timing Tool Kit

- This kit is suitable for popular Skoda Octavia, 1.6L (SOHC) petrol engine applications
- For full kit contents refer to page 156



ALSO SUITABLE



SSANGYONG

304709

Timing Tool Master Kit

- Suitable for popular Rexton and Stavic, 2.7L (DOHC) diesel engine applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing chain and other engine servicing and repairs



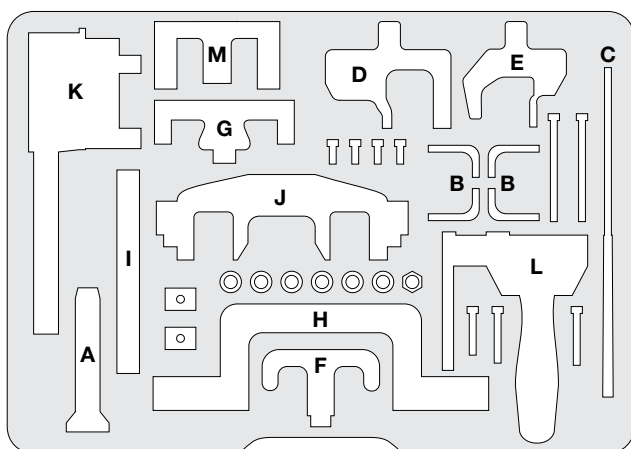
Application List*

Make & Model	Engine	Year
Mercedes		
A Class (A140 - A200)	1.4L - 2.0L	1999 - 2010
B Series (B180 - B200)	1.7L - 2.0L	2005 - 2012
C Class (C, CL, CLC, CLK, CLS)	1.8L - 5.5L	2001 - 2012
E Class (E200 - E500)	1.8L - 5.5L	2000 - 2012
ML Class (ML270 - ML500)	2.7L - 5.5L	2000 - 2012
R Class (R350 - R500)	3.5L - 5.5L	2006 - 2010
S Class (S, SL, SLK)	1.8L - 6.0L	2004 - 2012
Sprinter	2.1L - 2.7L	2000 - 2012
Viano	2.2L	2005 - 2011
Vito	2.1L - 2.2L	1999 - 2012
Ssangyong		
Rexton	2.7L (OM665)	2004 - 2008
Stavic	2.7L (OM665)	2005 - 2012

Contents

Tool Ref.	Toledo Tool No.	OEM Tool No.	Description
A	A0104	271589001500	Chain Tensioner Drift
B	A0231	111589031500	Camshaft Locking Pin
C	A0248	112589000100	Camshaft Spanner
D	A0249	112589013200	LH Camshaft Locking Tool
E	A0250	112589003200	RH Camshaft Locking Tool
F	A0259	601589024000	Flywheel Locking Tool
G	A0260	602589004000	Flywheel Plate Locking Tool
H	A0270	271589014000	Timing Chain to Camshaft Sprocket Holder
I	A0271	271589003100	Tensioner Rail Wedge
J	A0282	271589006100	Camshaft Holding Tool
K	A0341	271589004000	Crankshaft Holding Tool
L	A0619		Balancer Shaft Chain Link Installer Die Kit
M	A0648	112589034000	Flywheel Locking Tool

Tool Reference





TIMING TOOLS

SUBARU

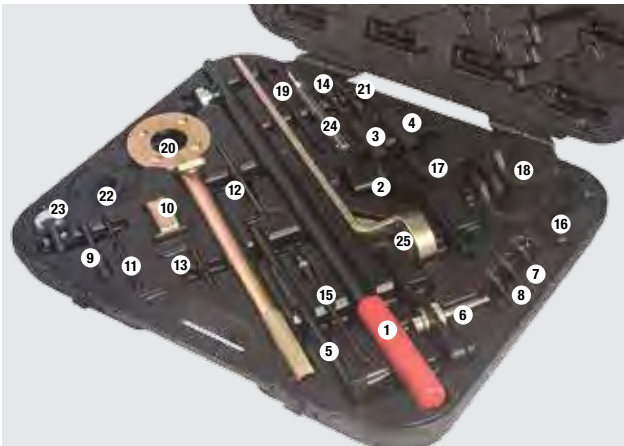
304734

Timing Tool Kit

- Universal timing tool kit contains a comprehensive range of pulley holding and pulling tools suitable for popular Australian, Japanese and Korean applications
- For the locking and alignment of the camshafts, crankshaft, tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs

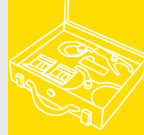


Tool Reference



Contents

Tool Ref.	OEM Tool No.	Manufacturer	Description
1	07-JAB-001020B	Honda	Handle Holder Crank Pulley
2	07-MAB-PY-30100	Honda	Holder Attachment Crank Pulley
3	JAA0010100V17	Honda	17mm Socket
4	JAA0010100V19	Honda	19mm Socket
5	18G1521	Honda	Camshaft Holder Tool
6	JAB-0010100	Honda	Tool Holder
7	18G1523	Honda	Flywheel Fixed Pin
8	18G1717A	Honda	Injection Pump Pin
9	07 LAG-PT 20100	Honda	Balance Shaft Fixed Pin
10	14540-P13-003	Honda	Clamp
11	07744-0010400	Honda	Driver Pin (5.0mm)
12	18G1719	Honda	Fixed Bolt
13	09244-28100	Hyundai / Mitsubishi	Locking Pin 3 x 112mm
14	09244-28100	Hyundai / Mitsubishi	Connecting Pin 14 x 55mm
15	09244-28000	Hyundai	Belt Spanner
16	KM 42 A	Daewoo / Holden	Water Pump Wrench (SW41)
17	MKM 472	Daewoo / Holden	Water Pump Wrench (SW46)
18	J 42492	Daewoo / Holden	Water Pump Wrench (SW40)
19	49 JE 01064	Mazda	Camshaft Holder Tool
20	499977000	Subaru	Crankshaft Pulley Holder
21	49 JE 01061	Mazda	OT Fixed Pin
22	49 JE 01002	Mazda	Pulley Holder
23	49 JE 01062	Mazda	Crankshaft Pulley Tool
24	49 JE 01050	Mazda	Crankshaft Pin
25	49 DO 11102	Mazda	Crankshaft Holder Tool



TOYOTA

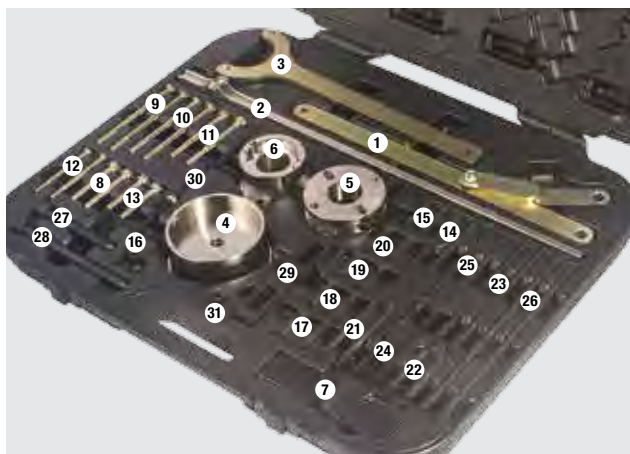
304733

Timing Tool Kit

- Universal timing tool kit contains a comprehensive range of pulley holding and pulling tools suitable for popular Mitsubishi and Toyota applications
- For the locking and alignment of the camshafts, crankshaft and tensioner during the removal and installation of the engine timing belt, chain and other engine servicing and repairs



Tool Reference



Contents

Tool Ref.	OEM Tool No.	Manufacturer	Description
1	XB 990757	Mitsubishi	Crankshaft Pulley Holder Tool
2	09330-0021	Toyota	Companion Flange Holding Tool
3	09278-54012	Toyota	Variable Pin Wrench
4	09223-15030	Toyota	Crankshaft Rear Oil Seal Replacer
5	09213-54015	Toyota	Crankshaft Pulley Holding Tool
6	09213-14010	Toyota	Camshaft Pulley Holding Tool
7	09951-05010	Toyota	Hanger 150
7, 14-29	09951-50013	Toyota	SST Pullers
8			Bolts - M8 x 65 (x2)
9			Bolts - M8 x 116 (x2)
10			Bolts - M8 x 106 (x2)
11			Bolts - M8 x 88 (x2)
12			Bolts - M8 x 80 (x2)
13			Bolts - M8 x 55 (x2)
14	09954-05561	Toyota	Bolts - M6 x 100 (x2)
15	09954-05551	Toyota	Bolts - M6 x 30 (x2)
16	09957-04010	Toyota	Attachment
17	09555-05010	Toyota	Adapter Screw M10 x 1.25 (x2)
18	09555-05020	Toyota	Adapter Screw M10 x 1.5 (x2)
19	09555-05030	Toyota	Adapter Screw M12 x 1.25 (x2)
20	09555-05040	Toyota	Adapter Screw M12 x 1.5 (x2)
21	09954-05070	Toyota	Bolts - M8 x 75 (x2)
22	09954-05521	Toyota	Bolts - M8 x 50 (x2)
23	09954-05541	Toyota	Bolts - M8 x 150 (x2)
24	09954-05011	Toyota	Bolts - M5 x 100 (x2)
25	09954-05531	Toyota	Bolts - M8 x 100 (x2)
26	09954-05080	Toyota	Bolts - M8 x 225 (x2)
27	09953-05010	Toyota	Centre Bolt 100mm
28	09953-05020	Toyota	Centre Bolt 150mm
29	09952-05010	Toyota	Slide Arm
30	XD 998738	Mitsubishi	Spanner Tool Belt Adjustment Screw
31	XD 998767	Mitsubishi	Camshaft Pulley Holder Tool



TIMING TOOLS

VOLKSWAGEN

304722

Timing Tool Kit

- Suitable for popular 2.5L petrol and 2.4L, 2.5L diesel engine applications
- For the locking and alignment of the camshaft, crankshaft, tensioner and injection pump during the removal and installation of the engine timing belt and other engine servicing and repairs



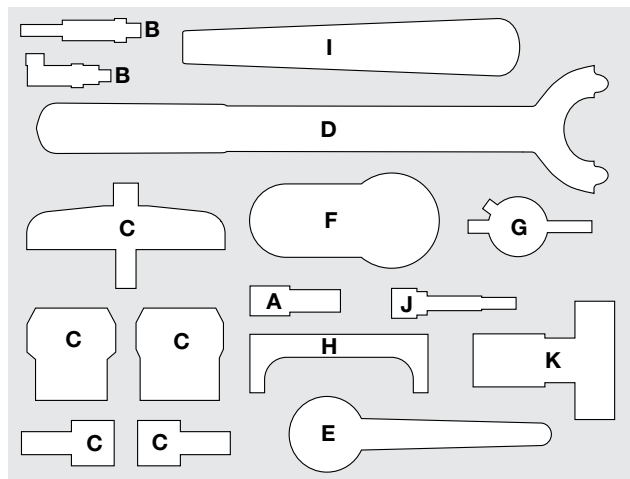
Application List*

Make & Model	Engine	Year
Volkswagen		
Crafter	2.5L (TDi)	2007 - 2012
LT 35	2.5L (TDi)	2003 - 2006
LT 46	2.5L (TDi)	2003 - 2006
Transporter	2.5L	1993 - 2007
Transporter	2.4L (TDi)	1995 - 1999
Transporter	2.5L (TDi)	1999 - 2005

Contents

Tool Ref.	OEM Tool No.	Manufacturer	Description
A	A0141	2064	Injection Pump Setting Pin
B	A0178	3313	Dial Gauge Adaptor
C	A0189	40001	Camshaft Sprocket Puller
D	A0313	3036	Camshaft Adjusting Wrench
E	A0320	3355	Tensioner Pulley Spanner
F	A0342	3248A, T10025	Crankshaft Damper Holding Tool
G	A0409	3313	Dial Gauge
H	A0425	2065A	Camshaft Setting Bar
I	A0453	3212	Pulley Holding Tool
J	A0468	50009	Crankshaft Timing Pin
K	A0607	1 895 751 000, 1 895 751 023, A 95751	Auxiliary Drive Belt Tension Gauge

Tool Reference



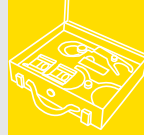
304716

Timing Tool Kit

- This kit is suitable for popular Volkswagen Golf, Jetta, Polo and Scirocco, 1.4L - 1.6L (DOHC) petrol engine applications
- For full kit contents refer to page 155



ALSO SUITABLE



VOLKSWAGEN cont.

304714

Timing Tool Kit

- This kit is suitable for popular Volkswagen Beetle, Bora, Caddy, EOS, Golf, Jetta, Passat, Scirocco, Touran and Transporter petrol engine applications
- For full kit contents refer to page 158



ALSO SUITABLE

304715

Timing Tool Kit

- This kit is suitable for popular Volkswagen Beetle, Bora, Caddy, EOS, Golf, Jetta, Lupo, Passat, Polo, Touran and Transporter applications
- For full kit contents refer to page 154



ALSO SUITABLE

304725

Timing Tool Kit

- This kit is suitable for popular Volkswagen Beetle, Bora, Caddy, EOS, Golf, Jetta, Passat, Polo, Touran and Transporter applications
- For full kit contents refer to page 159



ALSO SUITABLE

304728

Timing Tool Kit

- This kit is suitable for Volkswagen popular Beetle, Bora, Caddy, Golf, Lupo, Polo and Transporter applications
- For full kit contents refer to page 156



ALSO SUITABLE

304735

Timing Tool Kit

- This kit is suitable for Volkswagen Phaeton and Touareg, 3.0L (DOHC) diesel engine applications
- For full kit contents refer to page 157



ALSO SUITABLE



TIMING TOOLS

VOLVO

304737

Timing Tool Kit

- Suitable for popular 4, 5 and 6 cylinder DOHC petrol engine applications
- For the locking of camshafts during the removal and installation of the engine timing belt and other engine servicing and repairs

Note: Applications may require additional tools to complete repairs

Application List*

Make & Model	Engine	Year
Volvo		
850, 850(T)	2.3L, 2.5L (B52)	1992 - 1997
960	2.9L (B630)	1991 - 1997
C30, C30(T)	2.4L, 2.5L (B52)	2007 - 2010
C70, C70(T)	2.3L - 2.5L (B52)	1999 - 2010
S40, S40(T)	1.8L - 2.5L (B41, B42, B52)	1997 - 2010
S60, S60(T)	2.0L - 2.5L (B52)	2000 - 2010
S70, S70(T)	2.3L, 2.4L (B52)	1997 - 2003
S80, S80(T)	2.0L - 3.2L (B52, B62, B63)	1998 - 2010
V40, V40(T)	1.8L, 2.0L (B41, B42)	1997 - 2004
V50, V50(T)	2.4L, 2.5L (B52)	2004 - 2010
V70, V70(T)	2.0L - 3.2L (B52, B63)	1997 - 2010
XC60, XC60(T)	3.0L, 3.2L (B63)	2009 - 2010
XC70, XC70(T)	2.3L - 3.2L (B52, B63)	2000 - 2010
XC90, XC90(T)	2.5L - 3.2L (B52, B62, B63)	2003 - 2010



304704

Timing Tool Kit

- This kit is suitable for Volvo C30, 1.6L (DOHC) diesel engine applications
- For full kit contents refer to page 188

ALSO SUITABLE



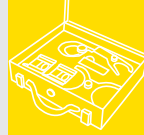
304708

Timing Tool Kit

- This kit is suitable for popular Volvo C30, S40 and V50 (DOHC) diesel engine applications
- For full kit contents refer to page 174

ALSO SUITABLE





VOLVO cont.

304738

Belt Installation Kit

- Suitable for popular 1.9L – 2.5L DOHC petrol and 2.5L DOHC diesel engine applications
- For locking the crankshaft during engine repairs, servicing and timing belt replacement

Note: Applications may require additional tools to complete repairs



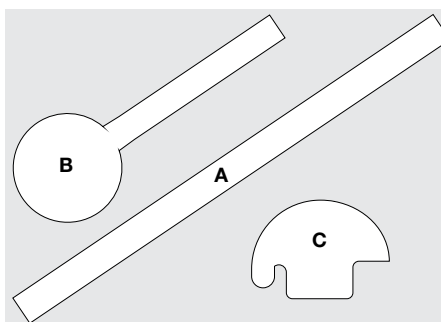
Application List*

Make & Model	Engine	Year
Ford		
Focus XR5 (LS - LV)	2.5L (B5254T)	2006 - 2011
Mondeo XR5 (MA - MB)	2.5L (B5254T)	2006 - 2011
Volvo		
850	2.5L (B5252S)	1993 - 1996
C30, C30(T)	2.4L, 2.5L (B52)	2007 - 2010
C70, C70(T)	2.3L - 2.5L (B52)	1999 - 2010
S40, S40(T)	1.9L - 2.5L (B41, B42, B52)	1997 - 2010
S70, S70(T)	2.3L, 2.4L (B52)	1997 - 2003
V50, V50(T)	2.4L, 2.5L (B52)	2004 - 2010
V70, V70(T)	2.0L - 2.4L (B52)	1997 - 2000
XC70	2.4L (D5244T4)	2005 - 2007
XC90	2.4L (D5244T4)	2006 - 2012

Contents

Tool Ref.	OEM Tool No.	Manufacturer	Description
A	A0645	999 7109	Auxiliary Drive Belt Tensioner Tool
B	A0646	999 5433	Crankshaft Pulley Holding Tool
C	A0647	303-1179	Auxiliary Drive Belt Installer

Tool Reference



304726

Timing Tool Kit

- This kit is suitable for Volvo C30, 1.6L (DOHC) diesel engine applications
- **For full kit contents refer to page 191**

ALSO SUITABLE



304729

Timing Tool Kit

- This kit is suitable for Volvo C30, 1.6L (DOHC) diesel engine applications
- **For full kit contents refer to page 172**

ALSO SUITABLE





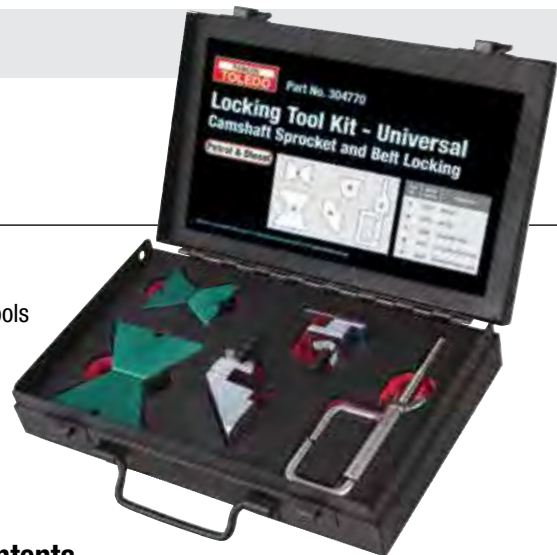
TIMING TOOLS

UNIVERSAL

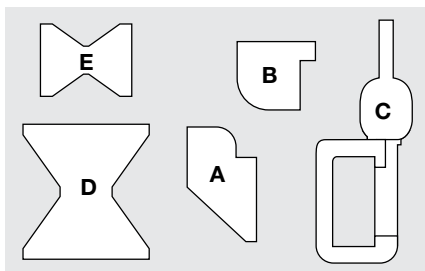
304770

Locking Tool Kit

- For the locking of camshaft sprockets and belts during engine servicing and repairs
- Adjustable design featuring belt holders and universal sprocket wedge tools
- Suitable for universal use including SOHC and DOHC cam applications



Tool Reference



Contents

Tool Ref.	Toledo Tool No.	Description
A	A0187	Belt Tool
B	A0188	Belt Tool
C	A0242	Timing Belt Clamp
D	A0401	Timing Belt Clamp (Jaws)
E	A0402	Timing Belt Clamp (Jaws)

304771

Timing Tool Kit - Universal Injector Pump

- For use in the removal and installation of timing chains and cylinder heads
- Suitable for use on Bosch EP and VE Rotary, Lucas, CAV Rotodiesel, Peugeot, Nippon Denso, Kikki diesel injector pumps
- Set includes special purpose adaptors, extensions and dial gauge



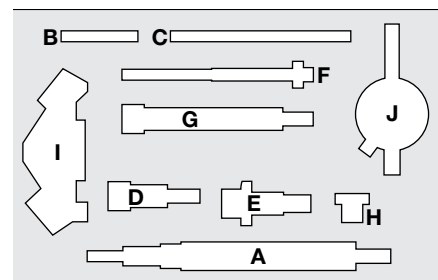
Application List*

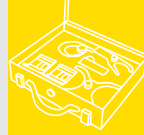
Make	A	B	C	D	E	F	G	H	I	J
Alfa Romeo			•			•	•		•	•
Audi			•	•		•	•		•	•
BMW			•			•	•		•	•
Citroën	•	•			•	•				
Daihatsu			•			•	•		•	•
Fiat		•	•		•	•	•		•	•
Ford		•	•	•	•	•	•		•	•
Isuzu			•			•	•		•	•
Iveco			•			•	•		•	•
Lancia			•			•	•		•	•
Landrover			•			•	•		•	•
Mazda			•			•	•		•	•
Mitsubishi			•			•	•		•	•
Nissan			•			•	•		•	•
GM		•			•	•				
Peugeot	•	•			•	•				
Renault		•	•	•	•	•	•		•	•
Seat			•			•	•		•	•
Volkswagen			•	•		•	•		•	•
Volvo			•			•	•		•	•

Contents

Tool Ref.	Toledo Tool No.	Description
A	A0039	TDC Adaptor Assembly
B	A0051	Extension 40mm
C	A0052	Extension 100mm
D	A0078	M10 Adaptor Short
E	A0079	M8 Adaptor Short
F	A0128	Probe
G	A0140	M8 Adaptor Long
H	A0149	Threaded M8-M12 Adaptor
I	A0407	Mounting Bracket
J	A0409	Dial Gauge

Tool Reference





UNIVERSAL cont.

304772

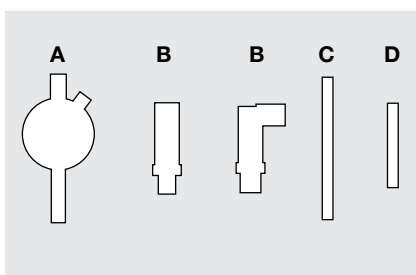
Timing Kit - Dial Gauge



- Ideal for use in diesel injection pump timing and universal petrol engine applications
- Set includes special purpose adaptors, extensions and dial gauge



Tool Reference



Contents

Tool Ref.	Toledo Tool No.	Description
A	A0409	Dial Gauge
B	A0178	Dial Gauge Adaptors
C	A0052	Extension 100mm
D	A0051	Extension 40mm

304773

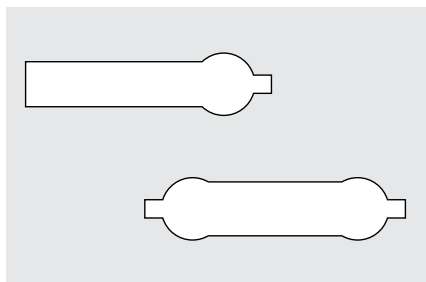
Locking Tool - Camshaft Alignment



- Suitable for locking camshafts during engine servicing and repairs
- Adjustable design for universal vehicle applications



Tool Reference





TIMING TOOLS

UNIVERSAL cont.

304775

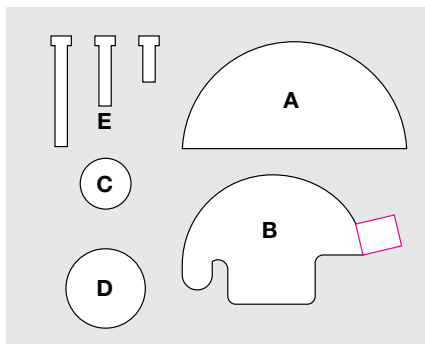
Belt Installation Kit - Flexible Drive Belt Stretcher

- For use in the installation of flexible multi ribbed drive belts
- Suitable for use on vehicles fitted without automatic drive belt tensioners
- Enables easy damage free stretching of drive belt into the correct position whilst turning the crankshaft pulley by hand
- Contains 3 specially designed installation tools
- Applications include; BMW, Chrysler, Citroën, Ford, Mazda, Peugeot, Volvo

CAUTION Extreme care to be taken during use of this kit. Always refer to the vehicle manufacturer's specifications for correct installation procedures.



Tool Reference



Contents

Tool Ref.	Description
A	Belt Tool
B	Belt Tool
C	Belt Tool
D	Belt Tool
E	Bolts

304776

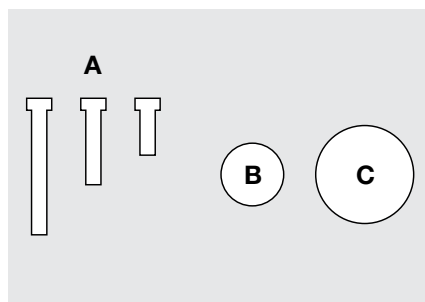
Belt Installation Kit - Flexible Drive Belt Stretcher

- For use in the installation of flexible multi ribbed drive belts
- Suitable for use on vehicles fitted without automatic drive belt tensioners
- Enables easy damage free stretching of drive belt into the correct position whilst turning the crankshaft pulley by hand
- Contains 2 specially designed installation tools

CAUTION Extreme care to be taken during use of this kit. Always refer to the vehicle manufacturer's specifications for correct installation procedures.

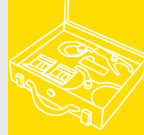


Tool Reference



Contents

Tool Ref.	Description
A	Bolts
B	Belt Tool
C	Belt Tool

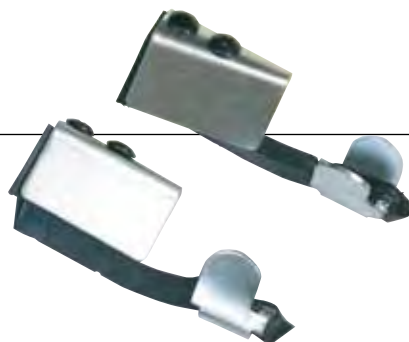


TIMING TOOLS OTHER

301111

Belt Installation & Removal Tool

- Designed to remove and replace V-belts quickly and safely
- Robust steel and neoprene construction derails and installs V-belts in a roll off, roll on motion
- Eliminates loosening bolts or stretching belts



304015

Belt Service Set Serpentine Belts

- Designed for easy removal and replacement of serpentine belts that require release of the spring tensioner on the tensioner pulley
- Innovative combination of Ratchet Wrench and Extension handle to allow for 3 dynamic angles of leverage
- 15 piece kit provides coverage for all major makes and models with serpentine belt configuration

Contents

Part No.	Description	Part No.	Description
304016	Ratchet Wrench	304024	12mm Socket
304017	Extension Handle	304025	13mm Socket
304018	3/8" Sq Drive Adaptor	304026	14mm Socket
304019	1/2" Sq Drive Adaptor	304027	17mm socket
304020	8mm Hex Bit	304028	18mm Socket
304021	10mm x 8mm Hex Bit	304029	24mm Socket
304022	8mm x 6mm Hex Bit	304030	5/8" Socket
304023	8mm Socket	* 304035 19mm Socket available separately	



304014

Belt Tension Gauge

- Designed to accurately measure belt load and tension for the adjustment of camshaft timing belts
- Applicable for use on new and old belts
- Micrometer style screw gauge
- Suits various belt thicknesses

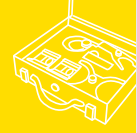


304031

Belt Tension Gauge

- Designed to test load and tension for the correct adjustment of engine drive belts
- Universal design suitable for fanbelts, ribbed, toothed, grooved, v-belts and timing belts
- Durable light weight construction with convenient T-handle
- Place belt between the roller pins and pressing tip. Then, turn the T-handle to check the belt tension





TIMING TOOLS

304037

Camshaft Holding & Locking Tool Universal

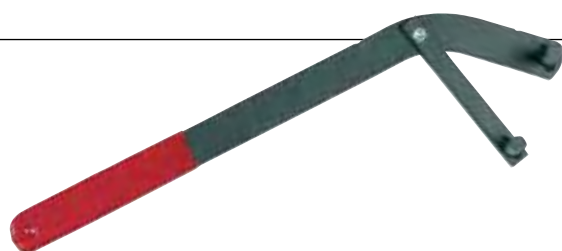
- Fully adjustable locking tool for toothed pulleys spaced approximately 0mm to 60mm apart
- Ensures camshaft pulleys maintain fixed position during repair or timing belt replacement
- Universal design applicable for a large range of twin cam and diesel engines



304195

Camshaft Holding Tool

- Designed to hold and manoeuvre the camshaft sprocket on OHC engines
- Tool pins locate into the camshaft sprocket spokes to enable sprocket adjustment for accurate alignment and bolt tension
- Assists with camshaft timing belt tensioning
- Suits Ford Mondeo Zeta/Zetec engines



304011

Crankshaft/Camshaft Seal Remover & Installer Kit

- Allows easy removal and installation of cam and crankshaft oil seals
- Unique extracting hooks attach to crankshaft oil seal eliminating the need to dismantle the crank case
- Interchangeable sleeves and mandrels to suit oil seals between 27mm and 58mm in diameter
- Blue sleeves are made from aluminium to prevent damage to cam and crankshaft
- Seal Sizes: 27–58mm

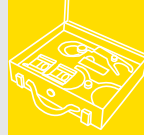


304001

Engine Hanger Support

- Rigid box steel construction supports engine during vehicle mechanical repairs
- Heavy duty rubber support feet provide anti-slip stability while protecting vehicle engine bay gutter channels from damage to paintwork or denting
- Adjustable width range: 520–1500mm
- Holding weight capacity: 450kg (1000lbs)





301110

Fan Belt Tensioner

- Suits automotive and industrial belt applications
- Simplifies fan belt tensioning
- Use with 1/2" sq drive ratchet handle



308006

Pulley & Fan Clutch Holder Kit

- Pin type pulley holder fixes the pulley in position during installation or removal of the fan clutch
- Handle jaws with a wide adjustable range of 40–320mm
- Features comprehensive range of pin sizes: 6–10, 8–11, 10–12, 11–16 (mm) providing coverage for all major makes and models with mounted fan clutch



304100

Pulley Puller Camshaft

- Designed to stabilise the camshaft pulley and keep it stationary while loosening and tightening the centre shaft bolt
- Pulling force on the pulley is acquired via the centre forcing screw
- Locking screws: M8 and M10
- Fixed distance: 54–120mm



304101

Pulley Puller Camshaft

- Designed quick and easy removal of the crankshaft and auxiliary pulleys
- Particularly useful for jobs in confined spaces
- Thin jaw sliding beam legs for the removal of pulleys with narrow tolerance between pulley and block
- Manufactured from chrome molybdenum for maximum strength and durability



Reach	Spread
68–88mm	40–120mm, 132–195mm

304199

Pulley Puller Harmonic Balancer

- Harmonic balancer puller kit suitable for Chrysler, Ford, GM V8 engines, and Mitsubishi
- Supports various length crankshafts via two forcing rods of 100mm and 185mm
- Features three adjustable compact arms with hook ends catering for tri spoke harmonic balancers with minimal access
- 8 tonne capacity





TIMING TOOLS

311015

Pulley Puller Ribbed Drive Belt

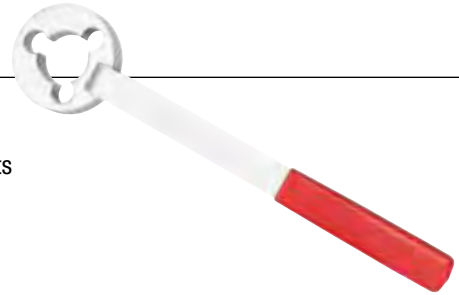
- Universal design removes crankshaft, alternator, air conditioning and water pump pulley types
- Suitable for ribbed pulleys up to 160mm diameter
- Convenient 17mm hex drive adjustable sliders with hex drive included
- Dimensions: 200 L x 35 W x 108 H (mm)



304013

Pulley Remover Water Pump(VAG Group)

- Uniquely designed to lock deep-drawn water pump pulleys on VW and Audi engines with air conditioning
- Safely locking the water pump pulley allows quick and easy removal of pulley bolts
- Manufactured from drop forged chrome vanadium steel with hard wearing rubber grip



304041

Spanner Set Drive Pulley

- Ideal for holding, removing & tightening damper, crank, power steering pump, alternator, radiator fans and difficult to access pulleys
- Manufactured from drop forged chrome vanadium steel with hard wearing matt coated grip
- Total length: 470mm
- Sizes: 13, 15, 16, 17, 19mm



308008

Spanner Set Fan Clutch

- Contains several water pump pulley holders and includes lock nut spanners 32, 36, 65 (mm)
- Also includes fan belt service wrench for idler pulley tensioned nuts
- Suits: BMW, Mercedes, Ford, and late model vehicles

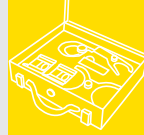


308004

Water Pump Holding Tool Holden 2.2L

- Holds the timing chain sprocket in place to allow fast, efficient and easy removal of the water pump during service.
- Prevents the timing chain sprocket from moving whilst changing the water pump
- Suits Holden Astra, Vectra and Zafira 2.2L (Z22SE) applications

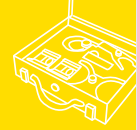




- Vehicle makes and models are listed in alphabetical order with corresponding year and engine specifications. Applications for each Toledo timing tool kit are listed together with application notes for easy kit identification and selection.
- Reference should be made to the vehicle application list prior to kit selection to ensure the correct timing tool kit is supplied for the vehicle repair. NOTE: Always refer to manufacturer's service information or bulletins to ensure correct servicing instructions.
- Additional applications may have been introduced after the time of catalogue printing. For complete and up to date application listings refer to www.toledo.com.au

Vehicle Application List

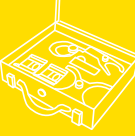
Make & Model	Start	Finish	Engine		Part Number (page no.)	Notes	
			Size & Model	Cam & Valves			
Alfa Romeo							
145	2.0	01/94	01/97	2.0L (AR32301)	DOHC 16V (Petrol)	304705 (p.153)	
147	2.0	08/01	09/09	2.0L (AR 32310)	DOHC 16V (Petrol)	304705 (p.153)	
147	1.9 Diesel	01/06	09/09	1.9L (937A5)	DOHC 16V (Diesel)	304712 (p.179) 304720 (p.152)	Various kits suitable
155	2.0	06/93	06/95	2.0L (AR67202)	DOHC 16V (Petrol)	304705 (p.153)	
156	2.0 Twin Spark	02/99	01/03	2.0L (AR 32310)	DOHC 16V (Petrol)	304705 (p.153)	
159	2.4 Diesel	06/06	12/12	2.4L (939A3)	DOHC 20V (Diesel)	304720 (p.152)	
GTV	2.0	06/98	09/03	2.0L (AR32301)	DOHC 16V (Petrol)	304705 (p.153)	
Mito	1.4	07/09	06/11	1.4L (198A4, A8)	DOHC 16V (Petrol)	304705 (p.153)	
Spider	2.0	06/98	09/03	2.0L (AR162, AR323)	DOHC 16V (Petrol)	304705 (p.153)	
Audi							
80		04/89	01/95	2.0L (AAD, ABK, ABT)	SOHC 8V (Petrol)	304715 (p.154)	
A1	1.4 TFSI (Sport)	01/11	12/12	1.4L (CAV, CAX)	DOHC 16V (Petrol)	304716 (p.155)	
A2	1.4, 1.6	01/01	01/04	1.4L (AUA), 1.6L (BAD)	DOHC 16V (Petrol)	304715 (p.154) 304728 (p.156)	Various kits suitable
A2	1.4 TDi	01/01	01/03	1.4L (AMF)	SOHC 6V (Diesel)	304715 (p.154)	
A3	1.4	12/08	12/12	1.4L (CAXC)	DOHC 16V (Petrol)	304716 (p.155)	
A3	1.6	05/97	05/04	1.6L (AEH, AKL, AVU)	SOHC 8V (Petrol)	304036 (p.160) 304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
A3	1.6	01/02	01/03	1.6L (BFQ)	SOHC 8V (Petrol)	304036 (p.160) 304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
A3	1.6	06/04	03/11	1.6L (BSE, BGU)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159)	Various kits suitable
A3	1.8	05/97	05/04	1.8L (AGN, AGU, APG)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
A3	1.8T	01/00	01/03	1.8L (AUM)	DOHC VVT 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
A3	1.8T	01/01	01/03	1.8L (AUQ)	DOHC VVT 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
A3	2.0	01/04	01/07	2.0L (AXW)	DOHC 16V (Petrol)	304714 (p.158)	
A3	2.0	01/04	01/06	2.0L (BLR, BLX)	DOHC 16V (Petrol)	304714 (p.158)	
A3	2.0	01/04	01/07	2.0L (BLY, BVY)	DOHC VVT 16V (Petrol)	304714 (p.158)	
A3	2.0 FSI	06/04	05/07	2.0L (BMB)	DOHC VVT 16V (Petrol)	304714 (p.158)	
A3	2.0T	07/04	05/07	2.0L (AXX)	DOHC VVT 16V (Petrol)	304714 (p.158)	
A3	2.0 TFSI	02/05	01/09	2.0L (BWA)	DOHC 16V (Petrol)	304714 (p.158)	
A3	1.9 TDi	01/08	01/09	1.9L (BLS)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
A3	2.0 TDi	06/04	08/05	2.0L (BKD)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable



TIMING TOOLS

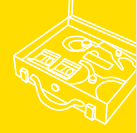
Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Audi cont.							
A3	2.0 TDi	06/04	01/07	2.0L (BMN)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
A4	1.6	01/95	01/03	1.6L (ADP)	SOHC 8V (Petrol)	304715 (p.154)	
A4	1.6	01/97	01/99	1.6L (AHL)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
A4	1.8	08/95	01/02	1.8L (ADR, APT)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
A4	1.8T	08/95	07/01	1.8L (AEB, AJL, APU)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
A4	1.8T	01/01	01/05	1.8L (AMB, AVJ)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
A4	1.8T	02/02	03/05	1.8L (BEX)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
A4	1.8T	04/02	08/08	1.8L (BFB)	DOHC VVT 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
A4	2.0	07/01	08/08	2.0L (ALT)	DOHC VVT 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
A4	2.0 TFSI	01/05	08/09	2.0L (BGB, BWE)	DOHC VVT 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159)	Various kits suitable
A4	2.0T	01/06	01/07	2.0L (BUL)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159)	Various kits suitable
A4	3.0	01/01	01/04	3.0L (ASN)	DOHC VVT 30V (Petrol)	304036 (p.160)	May require additional tools
A4	3.0	01/01	03/05	3.0L (BBJ)	DOHC 30V (Petrol)	304036 (p.160)	May require additional tools
A4	2.0 TDi	01/05	03/08	2.0L (BLB, BRE)	DOHC 16V (Diesel)	304715 (p.154)	
A4	2.7 TDi	07/08	01/09	2.7L (CAMA)	DOHC VVT 24V (Diesel)	304735 (p.157)	
A4	2.7 TDi	07/08	12/12	2.7L (CGK)	DOHC 24V (Diesel)	304735 (p.157)	
A4	3.0 TDi	01/05	01/07	3.0L (BKN)	DOHC 24V (Diesel)	304735 (p.157)	
A4	3.0 TDi	06/06	12/12	3.0L (ASB, CCW)	DOHC VVT 24V (Diesel)	304735 (p.157)	
A5	3.0 TDi	10/08	02/12	3.0L (CCWA)	DOHC VVT 24V (Diesel)	304735 (p.157)	
A6	2.0 TFSI	09/06	02/09	2.0L (BPJ)	DOHC 24V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159)	Various kits suitable
A6	3.0	01/01	06/05	3.0L (ASN, BBJ)	DOHC VVT 30V (Petrol)	304036 (p.160)	May require additional tools
A6	2.7 TDi	01/06	06/11	2.7L (BPP, CAN)	DOHC 24V (Diesel)	304735 (p.157)	
A6	3.0 TDi	11/04	02/09	3.0L (BMK)	DOHC 24V (Diesel)	304735 (p.157)	
A6	3.0 TDi	01/06	06/11	3.0L (ASB, CDY)	DOHC VVT 24V (Diesel)	304735 (p.157)	
A8	3.7	08/03	10/06	3.7L (BFL)	DOHC 40V (Petrol)	304715 (p.154)	
A8	4.2	08/03	08/10	4.2L (BFM)	DOHC 40V (Petrol)	304715 (p.154)	
A8	3.0 TDi	04/08	08/10	3.0L (ASB)	DOHC VVT 24V (Diesel)	304735 (p.157)	
A8	4.2 TDi	01/06	08/10	4.2L (BVN)	DOHC (Diesel)	304735 (p.157)	
Q5	3.0 TDi	03/09	12/12	3.0L (CCWA)	DOHC VVT 24V (Diesel)	304735 (p.157)	
Q7	3.0 TDi	09/06	10/11	3.0L (BUG, CASA)	DOHC 24V (Diesel)	304735 (p.157)	
Q7	4.2 TDi Quattro	01/07	10/09	4.2L (BTR)	DOHC 32V (Diesel)	304735 (p.157)	
S3	1.8T	11/99	03/02	1.8L (AMK, APY)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
S3	1.8T	03/02	06/05	1.8L (BAM)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
S3	2.0T	01/07	03/11	2.0L (BHZ, BZC)	DOHC 16V (Petrol)	304714 (p.158)	
S3	2.0T	01/08	01/09	2.0L (CDL)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable



Vehicle Application List

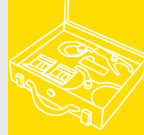
Make & Model	Start	Finish	Engine		Part Number (page no.)	Notes	
			Size & Model	Cam & Valves			
Audi cont.							
TT	1.8T	01/99	01/02	1.8L (AJQ, APP)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
TT	1.8T	10/99	01/06	1.8L (APX, AUM)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
TT	1.8T	01/00	08/05	1.8L (ARY, AUQ)	DOHC VVT 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
TT	1.8T	01/00	10/06	1.8L (BAM, BVP)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
TT	1.8T	01/05	10/06	1.8L (BVR)	DOHC VVT 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
TT	2.0 TFSI	11/06	06/08	2.0L (BWA)	DOHC 16V (Petrol)	304714 (p.158)	
TTS	2.0 TFSI	07/08	12/12	2.0L (CDL)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
BMW							
116i	E87	02/05	02/08	1.6L (N45B16)	DOHC 16V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
118d	E87, E88	01/07	12/12	2.0L (N47TU2D20)	DOHC 16V (Diesel)	304719 (p.162)	
118d	F20	10/11	12/12	2.0L (N47D20C)	DOHC 16V (Diesel)	304719 (p.162)	
118i	E87	09/04	02/07	2.0L (N46B20)	DOHC 16V (Petrol)	304702 (p.163) 304774 (p.161)	Both kits required
118i	E87	03/07	09/11	2.0L (N46B20)	DOHC 16V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
118i	E88	01/09	12/12	2.0L (N43B20)	DOHC 16V (Petrol)	304740 (p.164) 304774 (p.161)	Both kits required
120d	E87	05/06	10/10	2.0L (M47TUD20)	DOHC 16V (Diesel)	304741 (p.167) 304774 (p.161)	Both kits required
120d	E87	03/07	10/10	2.0L (N47TU2D20)	DOHC 16V (Diesel)	304719 (p.162)	
120i	E87	09/04	02/07	2.0L (N46B20)	DOHC 16V (Petrol)	304702 (p.163) 304774 (p.161)	Both kits required
120i	E87, E88	03/07	12/12	2.0L (N46B20)	DOHC 16V (Petrol)	304740 (p.164) 304774 (p.161)	Both kits required
120i	E87, E88	03/07	12/12	2.0L (N46B20)	DOHC 16V (Petrol)	304740 (p.164) 304774 (p.161)	Both kits required
123d	E82, E87, E88	11/09	12/12	2.0L (N47TU2D20)	DOHC 16V (Diesel)	304719 (p.162)	
125i	E82, E88	01/08	01/09	3.0L (N52B30)	DOHC 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
130i	E87	11/05	10/10	3.0L (N52B30)	DOHC 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
135i	E82, E88	01/08	12/12	3.0L (N54B30)	DOHC VVT 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
316i	E36	01/91	04/99	1.6L (M43 B16)	SOHC 8V (Petrol)	304701 (p.166)	
316i	E36	04/99	05/01	1.9L (M43 B19)	SOHC 8V (Petrol)	304701 (p.166)	
316Ti	E46	10/01	07/05	1.8L (N42 B18)	DOHC 16V (Petrol)	304702 (p.163)	
318Ci	E46	01/00	01/02	1.9L (M44B19)	DOHC 16V (Petrol)	304701 (p.166)	
318Ci	E46	01/01	01/05	2.0L (N42B20)	DOHC 16V (Petrol)	304702 (p.163)	
318d	F30	04/12	12/12	2.0L (N47D20C)	DOHC 16V (Diesel)	304719 (p.162)	
318i	E36	04/91	08/98	1.8L (M40, M43)	SOHC 8V (Petrol)	304701 (p.166)	
318i	E46	09/98	04/05	1.9L (M43TUB19)	SOHC 16V (Petrol)	304701 (p.166)	
318i	E46	01/01	01/05	2.0L (N42B20)	DOHC 16V (Petrol)	304702 (p.163)	
318i	E46	01/01	01/05	2.0L (N46B20)	DOHC 16V (Petrol)	304702 (p.163) 304774 (p.161)	Both kits required
318iS	E30, E36	07/90	10/99	1.8L, 1.9L (M42, M44)	DOHC 16V (Petrol)	304701 (p.166)	
318Ti	E36	01/93	12/99	1.8L, 1.9L (M42, M44)	DOHC 16V (Petrol)	304701 (p.166)	
318Ti	E46	10/01	07/05	2.0L (N46B20)	DOHC 16V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
320Ci	E46	11/00	02/07	2.2L (M54B22)	DOHC 24V (Petrol)	304701 (p.166)	
320d	E46	01/00	01/05	2.0L (M47D20)	DOHC 16V (Diesel)	304741 (p.167)	
320d	E91, E92	01/05	01/08	2.0L (M47D20)	DOHC 16V (Diesel)	304741 (p.167)	
320d	E90 - E93, F30	01/07	12/12	2.0L (N47D20,C)	DOHC 16V (Diesel)	304719 (p.162)	
320i	E36	04/91	11/95	2.0L (M50B20)	DOHC 24V (Petrol)	304701 (p.166)	
320i	E46	10/00	04/05	2.2L (M54B22)	DOHC 24V (Petrol)	304701 (p.166)	



TIMING TOOLS

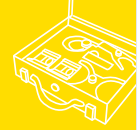
Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
BMW cont.							
320i	E90	05/05	05/07	2.0L (N42B20)	DOHC 16V (Petrol)	304702 (p.163)	
320i	E90 - E93	01/05	12/12	2.0L (N46B20)	DOHC VVT 16V (Petrol)	304702 (p.163) 304774 (p.161)	Both kits required
323Ci	E46	06/99	10/00	2.5L (M52B25)	DOHC 24V (Petrol)	304701 (p.166)	
323Ci	E92	01/06	01/08	2.5L (M52B25)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
323i	E36	01/96	08/98	2.5L (M52B25)	DOHC 24V (Petrol)	304701 (p.166)	
323i	E46	09/98	10/00	2.5L (M52B25)	DOHC 24V (Petrol)	304701 (p.166)	
323i	E90, E91, E92	01/06	12/12	2.5L (N52B25)	DOHC VVT 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
325Ci	E46	01/00	02/07	2.5L (M54B25)	DOHC VVT 24V (Petrol)	304701 (p.166)	
325i	E36	01/91	05/95	2.5L (M50B25)	DOHC 24V (Petrol)	304701 (p.166)	
325i	E46	10/00	01/04	2.5L (M54B25)	DOHC 24V (Petrol)	304701 (p.166)	
325i	E90, E91, E92	01/05	04/10	2.5L (N52B25)	DOHC VVT 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
325i	E90, E92, E93	04/10	12/12	2.5L (N52B25)	DOHC VVT 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
325Ti	E46	05/02	02/03	2.5L (M54B25)	DOHC VVT 24V (Petrol)	304701 (p.166)	
328Ci	E46	06/99	02/07	2.8L (M52B28)	DOHC 24V (Petrol)	304701 (p.166)	
328i	E36, E46	01/95	10/00	2.8L (M52B28)	DOHC 24V (Petrol)	304701 (p.166)	
330Ci	E46	09/00	02/07	3.0L (M54B30)	DOHC 24V (Petrol)	304701 (p.166)	
330d	E46	01/00	01/05	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
330d	E90, E91	01/05	12/12	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
330d	E90, E92, E93	06/09	04/10	3.0L (N57D30)	DOHC 24V (Diesel)	304719 (p.162)	
330i	E46	01/00	01/02	2.5L (M54B25)	DOHC 24V (Petrol)	304701 (p.166)	
330i	E46	09/00	05/05	3.0L (M54B30)	DOHC 24V (Petrol)	304701 (p.166)	
330i	E90, E91	01/05	12/08	3.0L (N52B30)	DOHC VVT 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
335Ci	E92	01/06	01/07	3.0L (N54B30A)	DOHC VVT 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
335d	E90, E91, E92	01/07	12/12	3.0L (N57D30)	DOHC 24V (Diesel)	304741 (p.167)	
335i	E90 - E93	10/06	03/10	3.0L (N54B30A)	DOHC VVT 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
335i	E90 - E93	04/10	12/12	3.0L (N55B30A)	DOHC VVT 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
520d	E60	12/07	06/10	2.0L (N47D)	DOHC 16V (Diesel)	304719 (p.162)	
520i	E34, E39	11/90	01/00	2.0L (M50B20)	DOHC 24V (Petrol)	304701 (p.166)	
520i	E39	01/00	01/02	2.2L (M54B22)	DOHC 24V (Petrol)	304701 (p.166)	
523i	E39	04/96	11/00	2.5L (M52B25)	DOHC 24V (Petrol)	304701 (p.166)	
523i	E60	03/07	06/10	2.5L (N52N)	DOHC 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
525d	E60	01/07	06/10	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
525i	E34	11/90	03/96	2.5L (M50)	DOHC 24V (Petrol)	304701 (p.166)	
525i	E39	01/01	10/03	2.5L (M54B25)	DOHC 24V (Petrol)	304701 (p.166)	
525i	E60	09/03	05/05	2.5L (N52B25AF)	DOHC 24V (Petrol)	304701 (p.166) 304774 (p.161)	Both kits required
525i	E60	01/04	06/10	2.5L (N52B25)	DOHC 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
528i	E39	04/96	11/00	2.8L (M52 B28)	DOHC 24V (Petrol)	304701 (p.166)	
528i	F10	06/10	10/11	3.0L (N52B30)	DOHC VVT 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
530d	E39	01/00	01/03	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
530d	E60	10/05	06/10	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
530d	E60, E61	01/03	12/12	3.0L (M57TUD30)	DOHC 24V (Diesel)	304741 (p.167) 304774 (p.161)	Both kits required
530d GT	F07	02/10	12/12	3.0L (N57D30)	DOHC 24V (Diesel)	304719 (p.162)	
530i	E39	01/01	04/04	3.0L (M54)	DOHC 24V (Petrol)	304701 (p.166)	
530i	E60	09/03	05/05	3.0L (M5430S3)	DOHC 24V (Petrol)	304701 (p.166)	
530i	E60, E61	03/05	08/10	3.0L (N52B30)	DOHC 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required



Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
BMW cont.							
535d	E60, E61	01/05	08/10	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
535d	F10	10/10	12/12	3.0L (M57D30B)	DOHC 24V (Diesel)	304719 (p.162)	
540i	E60	10/05	06/08	4.0L (N62B40)	DOHC 32V (Petrol)	304724 (p.168)	
545i	E60	01/04	10/05	4.4L (N62B44)	DOHC 32V (Petrol)	304724 (p.168)	
550i	E60, E61	11/05	06/10	4.8L (N62B48)	DOHC VVT 32V (Petrol)	304724 (p.168)	
645Ci	E63, E64	05/04	10/05	4.4L (N62B44)	DOHC VVT 32V (Petrol)	304724 (p.168)	
650Ci	E63, E64	11/05	01/08	4.8L (N62B48)	DOHC VVT 32V (Petrol)	304724 (p.168)	
650i	E63, E64	01/08	03/12	4.8L (N62B48)	DOHC VVT 32V (Petrol)	304724 (p.168)	
728i	E38	01/95	01/01	2.8L (M52B28)	DOHC 24V (Petrol)	304701 (p.166)	
730d	F01	05/09	12/12	3.0L (N57D30)	DOHC 24V (Diesel)	304719 (p.162)	
730i	E65	01/02	01/05	3.0L (N52B30)	DOHC 24V (Petrol)	304701 (p.166) 304774 (p.161)	Both kits required
730Ld	E66	01/07	12/12	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
735i	E65	01/02	05/05	3.6L (N62B36)	DOHC VVT 32V (Petrol)	304724 (p.168)	
735Li	E66	07/02	05/05	3.6L (N62B36)	DOHC VVT 32V (Petrol)	304724 (p.168)	
740i	E65	06/05	11/09	4.0L (N62B40)	DOHC VVT 32V (Petrol)	304724 (p.168)	
740i	F01	01/09	12/12	3.0L (N54B30)	DOHC VVT 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
740Li	E66	06/05	02/09	4.0L (N62B40)	DOHC VVT 32V (Petrol)	304724 (p.168)	
740Li	F02	03/09	12/12	3.0L (N54B30)	DOHC VVT 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
745i	E65	01/02	05/05	4.4L (N62 B44)	DOHC VVT 32V (Petrol)	304724 (p.168)	
745Li	E66	07/02	03/05	4.4L (N62 B44)	DOHC VVT 32V (Petrol)	304724 (p.168)	
750i	E65	06/05	02/09	4.8L (N62B48)	DOHC VVT 32V (Petrol)	304724 (p.168)	
750Li	E66	06/05	02/09	4.8L (N62B48)	DOHC 32V (Petrol)	304724 (p.168)	
760Li	E66	04/03	02/09	6.0L (N73B60)	DOHC 48V (Petrol)	304724 (p.168)	
M1		06/11	12/12	3.0L (N54B30)	DOHC 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
X1 (xDRIVE 25i)	E84	04/10	01/12	3.0L (N52B30)	DOHC VVT 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
X3 (2.0d)	E83	01/05	01/07	2.0L (M47TUD20)	DOHC 16V (Diesel)	304741 (p.167) 304774 (p.161)	Both kits required
X3 (2.0d)	E83	12/07	02/11	2.0L (N47D20)	DOHC 16V (Diesel)	304719 (p.162)	
X3 (xDRIVE 20d)	E83, F25	11/08	12/12	2.0L (N47D20,C)	DOHC 16V (Diesel)	304719 (p.162)	
X3 (2.5si)	E83	12/06	10/08	2.5L (N52B)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
X3 (3.0d)	E83	11/05	02/11	3.0L (M57TUD30)	DOHC 24V (Diesel)	304741 (p.167) 304774 (p.161)	Both kits required
X3 (3.0si)	E83	12/06	10/08	3.0L (N52B30)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
X3 (xDRIVE 30d)	E83	11/08	02/11	3.0L (M57TUD30)	DOHC 24V (Diesel)	304741 (p.167) 304774 (p.161)	Both kits required
X3 (xDRIVE 30i)	E83	11/08	02/11	3.0L (N52B30)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
X3 (xDRIVE 28i)	F25	03/11	04/12	3.0L (N53B30)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
X5 (3.0d)	E53	03/03	02/07	3.0L (M57D30TU)	DOHC 24V (Diesel)	304741 (p.167)	
X5 (3.0d,sd)	E70	03/07	10/08	3.0L (M57TU2D30)	DOHC 24V (Diesel)	304741 (p.167) 304774 (p.161)	Both kits required
X5 (xDRIVE 30d)	E70	11/08	05/10	3.0L (M57TU2D30)	DOHC 24V (Diesel)	304741 (p.167) 304774 (p.161)	Both kits required
X5 (xDRIVE 30d)	E70	06/10	12/12	3.0L (N57D30A)	DOHC 24V (Diesel)	304719 (p.162)	
X5 (xDRIVE 35d)	E70	11/08	05/10	3.0L (M57TU2D30)	DOHC 24V (Diesel)	304774 (p.161)	Flywheel locking tool kit only
X5 (3.0si)	E70	02/07	05/10	3.0L (N52B30)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
X6 (xDRIVE 35d)	E71	07/08	08/10	3.0L (M57D30)	DOHC 24V (Diesel)	304741 (p.167)	
X6 (XDRIVE 35i)	E71	07/08	12/12	3.0L (N54B30)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only



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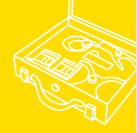
Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
BMW cont.							
X6 (xDRIVE 40d)	E71	09/10	12/12	3.0L (N57D30)	DOHC VVT 24V (Diesel)	304719 (p.162)	
Z4 (2.5si)	E85	04/06	04/09	2.5L (N52B25)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
Z4 (sDRIVE 23i)	E89	05/09	08/11	2.5L (N52B25)	DOHC 24V (Petrol)	304700 (p.165) 304774 (p.161)	Both kits required
Z4 (3.0si)	E85	04/06	04/09	3.0L (N52)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
Z4 (sDRIVE 30i)	E89	05/09	08/11	3.0L (N52B30)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
Z4 (sDRIVE 35i)	E89	05/09	12/12	3.0L (N54B30)	DOHC 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
Z4 (sDRIVE 35is)	E89	05/10	12/12	3.0L (N54B30A)	DOHC VVT 24V (Petrol)	304774 (p.161)	Flywheel locking tool kit only
Citroen							
AX	1.4, 1.4 GT	01/89	01/95	1.4L (TU3S)	SOHC 8V (Petrol)	304704 (p.188)	
Berlingo	1.6	03/09	12/12	1.6L (TU5JP4)	DOHC 16V (Petrol)	304704 (p.188)	
Berlingo II	1.4	10/03	06/10	1.4L (TU3JP)	SOHC 8V (Petrol)	304704 (p.188) 304726 (p.191)	Various kits suitable
BX16	TRS	01/86	04/88	1.6L (XU7/CT29)	SOHC (Petrol)	304704 (p.188) 304705 (p.153) 304721 (p.190)	Various kits suitable
BX19	GT, Tri	01/86	03/90	1.9L (XU9)	SOHC 8V (Petrol)	304704 (p.188) 304705 (p.153) 304721 (p.190)	Various kits suitable, some may require additional tools
C2	1.6 (VTR)	01/04	12/08	1.6L (TU5JP4)	DOHC 16V (Petrol)	304704 (p.188) 304726 (p.191)	Various kits suitable
C2	1.6 (VTS)	07/06	12/08	1.6L (TU5JP4S)	DOHC 16V (Petrol)	304704 (p.188) 304726 (p.191)	Various kits suitable
C3	1.4	12/02	03/09	1.4L (TU3JP)	SOHC 8V (Petrol)	304704 (p.188) 304726 (p.191)	Various kits suitable
C3	1.6	08/03	08/10	1.6L (TU5JP4)	SOHC 16V (Petrol)	304704 (p.188) 304726 (p.191)	Various kits suitable
C3	1.6	11/10	01/12	1.6L (EP6C)	DOHC 16V (Petrol)	304718 (p.189)	
C4	1.6	04/05	02/09	1.6L (TU5JP4)	DOHC 16V (Petrol)	304704 (p.188) 304726 (p.191)	Various kits suitable
C4	1.6T	03/09	09/11	1.6L (EP6DT)	V-DOHC 16V (Petrol)	304718 (p.189)	
C4	1.6	10/11	12/12	1.6L (EP6C,DT)	DOHC 16V (Petrol)	304718 (p.189)	
C4	2.0 (VTS)	03/05	02/09	2.0L (EW10J4S)	DOHC 16V (Petrol)	304704 (p.188) 304726 (p.191)	Various kits suitable
C4	1.6 HDi	01/06	09/11	1.6L (DV6(A)TED4)	DOHC 16V (Diesel)	304704 (p.188) 304706 (p.173) 304708 (p.174) 304726 (p.191)	Various kits suitable
C4	2.0 HDi	02/05	01/12	2.0L (DW10BTED4)	DOHC 16V (Diesel)	304721 (p.190)	May require additional tools
C4 Picasso	2.0 HDi	05/07	02/12	2.0L (DW10BTED4)	DOHC 16V (Diesel)	304721 (p.190)	May require additional tools
C5	2.0 HDi	06/01	07/05	2.0L (DW10ATED)	DOHC 16V (Diesel)	304721 (p.190)	May require additional tools
C5	2.0 HDi	06/06	01/10	2.0L (DW10BTED4)	DOHC 16V (Diesel)	304721 (p.190)	May require additional tools
C5	2.2 HDi	03/05	05/06	2.2L (DW12TED4)	DOHC 16V (Diesel)	304721 (p.190)	May require additional tools
C5	2.2 HDi	03/07	08/08	2.2L (DW12BTED4)	DOHC 16V (Diesel)	304721 (p.190)	May require additional tools
Dispatch	2.0	04/08	10/11	2.0L (DW10UTED4)	DOHC 16V (Diesel)	304721 (p.190)	May require additional tools
DS3	1.4	02/12	12/12	1.4L (EP3C)	DOHC 16V (Petrol)	304718 (p.189)	
DS3	1.6	09/10	12/12	1.6L (EP6C)	DOHC 16V (Petrol)	304718 (p.189)	
Xantia	2.0	09/94	06/01	2.0L (XU10J2)	SOHC 8V (Petrol)	304704 (p.188)	May require additional tools
Xantia	2.0	03/96	06/01	2.0L (XU10J4R)	DOHC 16V (Petrol)	304704 (p.188)	May require additional tools
Xantia	2.0T	11/96	06/01	2.0L (XU10J2TE)	SOHC 8V (Petrol)	304704 (p.188)	May require additional tools
Xsara	1.8i	07/98	07/00	1.8L (XU7JP)	SOHC 8V (Petrol)	304704 (p.188)	May require additional tools
Xsara	2.0d	01/00	01/05	2.0L (DW10TD)	SOHC 8V (Diesel)	304721 (p.190)	May require additional tools
Daewoo							
Various Applications	Universal Timing Tool Kit					304734 (p.182)	
Cielo	1.5 (SOHC)	10/95	04/98	1.5L (G15MF)	SOHC 8V (Petrol)	304712 (p.179)	
Cielo	1.5 (DOHC)	10/95	02/98	1.5L (A15MF)	DOHC 16V (Petrol)	304712 (p.179)	
Cielo (Loadrunner)	1.5 (SOHC)	07/96	02/98	1.5L (G15MF)	SOHC 8V (Petrol)	304712 (p.179)	



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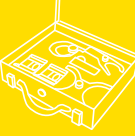
Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Daewoo cont.							
Lanos	1.5 (SOHC)	08/97	03/03	1.5L (A15SM)	SOHC 8V (Petrol)	304712 (p.179)	
Lanos	1.6 (DOHC)	08/97	03/03	1.6L (A16DM)	DOHC 16V (Petrol)	304712 (p.179)	
Nubira	1.6 (DOHC)	06/97	10/99	1.6L (A16DMS)	DOHC 16V (Petrol)	304712 (p.179)	
Fiat							
500	1.4 DOHC	02/08	01/12	1.4L (169A)	DOHC 16V (Petrol)	304705 (p.153)	
500C	1.4 DOHC	01/10	01/12	1.4L (169A3)	DOHC 16V (Petrol)	304705 (p.153)	
Bravo	1.4T	01/07	01/08	1.4L (198A1)	DOHC 16V (Petrol)	304705 (p.153)	
Bravo	1.6i	01/96	01/00	1.6L (182A6)	DOHC 16V (Petrol)	304705 (p.153)	
Bravo	1.9D	01/07	01/08	1.9L (937A8)	DOHC 16V (Diesel)	304720 (p.152)	
Multipla	1.6 TDi	01/00	01/05	1.6L (182B6)	SOHC 8V (Diesel)	304705 (p.153)	
Multipla	1.9 TDi	01/00	01/05	1.9L (182B4)	SOHC 8V (Diesel)	304705 (p.153) 304720 (p.152)	Various kits suitable
Punto	1.2i	01/00	01/07	1.2L (188A5)	DOHC 16V (Petrol)	304705 (p.153)	
Punto	1.4	01/04	01/05	1.4L (843A1)	DOHC 16V (Petrol)	304705 (p.153)	
Punto	1.4	02/08	12/12	1.4L (198A4000)	DOHC 16V (Petrol)	304705 (p.153)	
Punto	1.9 TDi	06/06	01/09	1.9L (199A5)	SOHC 8V (Diesel)	304705 (p.153) 304720 (p.152)	Various kits suitable
Punto	1.9 TDi (Emotion)	07/06	06/08	1.9L (939A1)	SOHC 8V (Diesel)	304705 (p.153) 304720 (p.152)	Various kits suitable
Ritmo	1.4i	01/08	05/09	1.4L (192B2000)	DOHC 16V (Petrol)	304705 (p.153)	
Ritmo	1.4T	01/08	05/10	1.4L (198A1000)	DOHC 16V (Petrol)	304705 (p.153)	
Ritmo	1.9 TDi	02/08	05/09	1.9L (937A5000)	SOHC 16V (Diesel)	304720 (p.152)	
Ritmo	1.9 TDi	07/08	05/10	1.9L (192A8000)	DOHC 16V (Diesel)	304705 (p.153) 304720 (p.152)	Various kits suitable
Stilo	1.6i	01/02	01/04	1.6L (182B6)	DOHC 16V (Petrol)	304705 (p.153)	
Ford							
Explorer	UT, UX, UZ (V8)	10/01	01/08	4.6L (2ZA)	SOHC 16V (Petrol)	304736 (p.171)	
Fairlane	NA	06/88	06/91	3.9L	SOHC 12V (Petrol)	304707 (p.171)	
Fairlane	NC - NL	05/92	02/99	4.0L	SOHC 12V (Petrol)	304707 (p.171)	
Fairlane	AU	02/99	12/02	4.0L	SOHC 12V (Petrol)	304707 (p.171)	
Fairlane	NC - NL	07/91	02/99	5.0L (Windsor)	OHV 16V (Petrol)	304707 (p.171)	
Fairlane	AU	02/99	12/02	5.0L (Windsor)	OHV 16V (Petrol)	304707 (p.171)	
Falcon	EA - AU	03/88	12/02	3.2L, 3.9L, 4.0L	SOHC 12V (Petrol)	304707 (p.171)	
Falcon	EB - AU	04/92	12/02	5.0L (Windsor)	OHV 16V (Petrol)	304707 (p.171)	
Falcon	BA, BF, FG (DOHC 32V)	01/03	09/11	5.4L (BOSS 260, BOSS 290)	DOHC 32V (Petrol)	304739 (p.175)	
Fiesta	WP - WQ	02/04	12/08	1.6L (FYJ)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Fiesta	WQ (XR4)	06/07	12/08	2.0L (N4J)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Fiesta	WS	01/09	09/10	1.4L (SPJ)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174)	Various kits suitable
Fiesta	WS - WT	01/09	12/12	1.6L (HXJ, TSJ)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174)	Various kits suitable
Fiesta	WS - WT (1.6 TDCi)	01/09	12/12	1.6L (HHJ)	DOHC 16V (Diesel)	304704 (p.188) 304706 (p.173) 304708 (p.174) 304726 (p.191) 304729 (p.172)	Various kits suitable
Focus	LR	01/00	04/05	1.6L	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Focus	LR	09/02	04/05	1.8L (2U)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Focus	LR - LV	09/02	06/11	2.0L (Duratech, Zetec)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools



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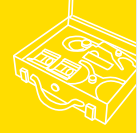
Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Ford cont.							
Focus	LR (ST170)	04/03	04/05	2.0L - VVT (170PS)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Focus	LS - LV (XR5 Turbo)	04/06	06/11	2.5L (B5254T)	DOHC VVT 20V (Petrol)	304738 (p.201)	May require additional tools
Focus	LV (RS)	10/10	12/12	2.5L (B5254T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
Focus	LW	07/11	12/12	1.6L (Duratec)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174)	Various kits suitable
LTD	DA - DL	06/88	06/99	3.9L, 4.0L	SOHC 12V (Petrol)	304707 (p.171)	
LTD	AU	06/99	06/03	4.0L	SOHC 12V (Petrol)	304707 (p.171)	
LTD	DC - DL	07/91	06/99	5.0L (Windsor)	OHV 16V (Petrol)	304707 (p.171)	
LTD	AU	06/99	06/03	5.0L (Windsor)	OHV 16V (Petrol)	304707 (p.171)	
Mondeo	HA - HE	07/95	12/00	2.0L (SD/ZH20)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Mondeo		01/01	09/07	2.0L	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Mondeo	MA - MC	10/07	12/12	2.3L (Duratec)	DOHC VVT 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Mondeo	MA, MB (XR5 Turbo)	10/07	12/12	2.5L (B5254T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
Mondeo	MA, MB (TDCi)	10/07	04/10	2.0L (Duratorq)	DOHC 16V (Diesel)	304706 (p.173) 304708 (p.174)	Various kits suitable
Transit	VH, VJ (TDi)	01/01	10/06	2.4L	DOHC 16V (Diesel)	304708 (p.174)	
Holden							
Various Applications	Universal Timing Tool Kit					304734 (p.182)	
Astra	TS	09/98	06/04	1.8L (X18XE1, Z18XE)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176)	Various kits suitable
Astra	TS (Turbo)	05/03	06/04	2.0L (Z20LET)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176)	Various kits suitable
Astra	TS	10/01	01/07	2.2L (Z22SE)	DOHC 16V (Petrol)	304711 (p.177) 304712 (p.179)	Various kits suitable
Astra	AH	09/04	03/07	1.8L (Z18XE)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176)	Various kits suitable
Astra	AH	04/07	03/10	1.8L (Z18XER)	DOHC 16V (Petrol)	304710 (p.177) 304712 (p.179)	Various kits suitable
Astra	AH (CDTi)	06/06	03/10	1.9L (Z19DT)	SOHC 8V (Diesel)	304712 (p.179)	
Astra	AH (CDTi)	06/06	07/08	1.9L (Z19DTH)	DOHC 16V (Diesel)	304712 (p.179)	
Astra	AH	06/06	03/10	2.0L (Z20LER)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176)	Various kits suitable
Astra	AH	12/06	03/10	2.2L (Z22YH)	DOHC 16V (Petrol)	304711 (p.177) 304712 (p.179)	Various kits suitable
Barina	SB	04/94	07/97	1.2L (C12NZ)	SOHC 8V (Petrol)	304712 (p.179)	
Barina	SB	04/94	02/01	1.4L (C14NZ,SE)	SOHC 8V (Petrol)	304712 (p.179)	
Barina	XC	04/01	06/04	1.4L (Z14XE)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176)	Various kits suitable
Barina	XC	09/02	11/05	1.4L (Z14XEP)	DOHC 16V (Petrol)	304712 (p.179)	
Barina	XC	09/01	10/05	1.8L (Z18XE)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176)	Various kits suitable
Calibra	YE95	08/95	07/98	2.5L (C25XE)	DOHC 16V (Petrol)	304713 (p.180)	
Captiva	CG (Diesel)	03/07	01/11	2.0L (Z20S1)	SOHC 16V (Diesel)	304723 (p.176)	
Captiva	CG	10/06	01/11	3.2L (V6)	DOHC 24V (Petrol)	304732 (p.178)	Cam locking tools only
Combo Van	SB	03/96	09/02	1.4L (C14NZ,SE)	SOHC 8V (Petrol)	304712 (p.179)	
Combo Van	XC	05/05	12/12	1.4L (Z14XEP)	DOHC 16V (Petrol)	304712 (p.179)	
Combo Van	XC	09/02	04/05	1.6L (Z16SE)	SOHC 8V (Petrol)	304712 (p.179)	
Commodore	VZ	08/04	08/07	3.6L (LE0 175)	DOHC VVT 24V (Petrol)	304732 (p.178)	Cam locking tools only
Commodore	VZ	08/04	01/09	3.6L (LY7 190)	DOHC VVT 24V (Petrol)	304732 (p.178)	Cam locking tools only
Commodore	VE	07/06	08/09	3.6L (LE0 175)	DOHC VVT 24V (Petrol)	304732 (p.178)	Cam locking tools only
Commodore	VE	07/06	08/09	3.6L (LY7 190)	DOHC VVT 24V (Petrol)	304732 (p.178)	Cam locking tools only



Vehicle Application List

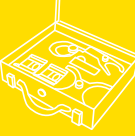
Make & Model	Start	Finish	Engine		Part Number (page no.)	Notes
			Size & Model	Cam & Valves		
Holden cont.						
Commodore	VE (SIDI)	09/09	12/12	3.0L (LF1) & 3.6L (LLT) (SIDI)	DOHC VVT 24V (Petrol)	304743 (p.178) Cam locking tools only
Commodore	VE (LPG)	08/06	08/11	3.6L (HN)	DOHC VVT 24V (LPG)	304732 (p.178) Cam locking tools only
Cruze	JG, JG (Diesel)	05/09	02/13	2.0L (Z20S1)	SOHC 16V (Diesel)	304723 (p.176)
Epica	EP (Diesel)	07/08	06/11	2.0L (Z20S1)	SOHC 16V (Diesel)	304723 (p.176)
Rodeo	RA03	12/05	01/07	3.6L (HFV6)	DOHC 24V (Petrol)	304732 (p.178) Cam locking tools only
Rodeo	RA07	01/07	07/08	3.6L (HFV6)	DOHC 24V (Petrol)	304732 (p.178) Cam locking tools only
Statesman	WL	08/04	07/06	3.6L (LY7 190)	DOHC 24V (Petrol)	304732 (p.178) Cam locking tools only
Statesman	WM/VE	08/06	08/09	3.6L (LY7 190)	DOHC 24V (Petrol)	304732 (p.178) Cam locking tools only
Tigra	XC	08/05	09/07	1.8L (Z18XE)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176) Various kits suitable
Vectra	JR - JS	06/97	11/00	2.0L (C20SEL)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176) Various kits suitable
Vectra	JS	08/98	12/02	2.2L (C22SEL)	DOHC 16V (Petrol)	304712 (p.179) 304742 (p.176) Various kits suitable
Vectra	JR - JS	06/97	11/00	2.5L (X25XE)	DOHC 24V (Petrol)	304713 (p.180)
Vectra	JS	11/00	12/01	2.6L (Y26SE)	DOHC 24V (Petrol)	304713 (p.180)
Vectra	ZC	03/03	12/06	2.2L (Z22SE)	DOHC 16V (Petrol)	304711 (p.177) 304712 (p.179) Various kits suitable
Vectra	ZC	03/03	12/06	3.2L (Z32SE)	DOHC 24V (Petrol)	304713 (p.180)
Viva	JF	10/05	05/09	1.8L (X18XE/F18DE)	DOHC 16V (Petrol)	304710 (p.177) 304712 (p.179) Various kits suitable
Zafira	TT	06/01	05/06	2.2L (Z22SE)	DOHC 16V (Petrol)	304711 (p.177) 304712 (p.179) Various kits suitable
Honda						
Various Applications	Universal Timing Tool Kit					304734 (p.182)
Integra	GSi (DC4)	07/93	12/99	1.8L (B18B2)	DOHC 16V (Petrol)	304704 (p.188) 304706 (p.173) 304708 (p.174) 304726 (p.191) 304729 (p.172) Various kits suitable
Integra	VTi-R, V-TEC (DC2)	07/93	12/99	1.8L (B18C2)	DOHC-VVT 16V (Petrol)	304704 (p.188) 304706 (p.173) 304708 (p.174) 304726 (p.191) 304729 (p.172) Various kits suitable
Integra	DC	10/99	08/01	1.8L (B18B1)	DOHC 16V (Petrol)	304704 (p.188) 304706 (p.173) 304708 (p.174) 304726 (p.191) 304729 (p.172) Various kits suitable
Hyundai						
Various Applications	Universal Timing Tool Kit					304734 (p.182)
Mazda						
Various Applications	Universal Timing Tool Kit					304734 (p.182)
CX-7	ER	11/06	10/09	2.3L (MZR DISI)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) Various kits suitable
CX-7	ER	10/09	12/12	2.5L (L5)	DOHC VVT 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172) Various kits suitable, some may require additional tools
Mazda2	DE	09/07	12/12	1.5L (ZY MZR)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172) Various kits suitable, some may require additional tools
Mazda3	BK	01/04	03/09	2.0L (MZR, LFDE)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172) Various kits suitable, some may require additional tools
Mazda3	BK, BL (MPS)	07/06	12/12	2.3L (L3) Turbo	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) Various kits suitable
Mazda3	BK	08/07	09/09	2.0L (RF)	SOHC 16V (Diesel)	304704 (p.188) 304721 (p.190) Various kits suitable
Mazda3	BL	04/09	12/12	2.5L (L5)	DOHC VVT 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172) Various kits suitable, some may require additional tools



TIMING TOOLS

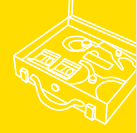
Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Mazda cont.							
Mazda6	GG, GH	01/02	12/12	2.0L (LFDE)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Mazda6	GG, GY	08/02	04/07	2.3L (MZR/L3)	DOHC 16V, V-DOHC 16V, DOHC 24V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Mazda6	GG (MPS)	10/05	01/08	2.3L Turbo	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174)	Various kits suitable
Mazda6	GH	02/08	12/12	2.5L (L5)	V-DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Tribute		03/01	01/04	2.0L (YF)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable
Tribute		01/04	01/08	2.3L (L3 MZR)	DOHC 16V (Petrol)	304706 (p.173) 304708 (p.174) 304730 (p.172)	Various kits suitable, some may require additional tools
Mercedes							
200 Series	220 E	02/93	09/93	2.2L (M111.960)	DOHC 16V (Petrol)	304709 (p.184)	
200 Series	280 E	01/92	01/95	2.8L (M104.942)	DOHC 24V (Petrol)	304709 (p.184)	
300 Series	300 (TE, CE, E)	05/89	01/93	3.0L (M104.98)	DOHC 24V (Petrol)	304709 (p.184)	
300 Series	300 SE	03/92	01/93	3.2L (M104.990)	DOHC 24V (Petrol)	304709 (p.184)	
300 Series	320 (S, CE, E)	01/91	12/93	3.2L (M104.99)	DOHC 24V (Petrol)	304709 (p.184)	
600 Series	600 SEL	03/92	01/93	6.0L (M120.980)	DOHC 48V (Petrol)	304709 (p.184)	
A-Class	A140 - A190	10/98	06/10	1.4L - 1.9L	SOHC 8V (Petrol)	304709 (p.184)	
A-Class	A200, A200 Turbo	05/05	06/10	2.0L (M266.9)	SOHC 8V, 16V (Petrol)	304709 (p.184)	
B-Class	B180	01/09	03/12	1.7L (M640.940)	SOHC 8V (Petrol)	304709 (p.184)	
B-Class	B200, B200 Turbo	11/05	12/12	2.0L (M266.9)	SOHC 8V (Petrol)	304709 (p.184)	
C-Class	C180	03/94	12/12	1.8L, 2.0L (M111, M271)	DOHC 16V (Petrol)	304709 (p.184)	
C-Class	C180 Kompressor	11/02	01/08	1.8L (M271)	DOHC 16V (Petrol)	304709 (p.184)	
C-Class	C200, C200 T	10/96	12/00	2.0L (M111.945)	DOHC 16V (Petrol)	304709 (p.184)	
C-Class	C200	01/10	12/12	1.8L (M271.860)	DOHC VVT 16V (Petrol)	304709 (p.184)	
C-Class	C200 Kompressor	11/00	02/10	1.8L, 2.0L (M271, M111)	DOHC 16V (Petrol)	304709 (p.184)	
C-Class	C220	03/94	11/96	2.2L (M111.961)	DOHC 16V (Petrol)	304709 (p.184)	
C-Class	C220 CDI	01/01	05/11	2.1L, 2.2L (OM646, OM611)	DOHC 16V (Diesel)	304709 (p.184)	
C-Class	C230	11/96	08/97	2.3L (M111.974)	DOHC 16V (Petrol)	304709 (p.184)	
C-Class	C230 (CL203, W203)	09/05	01/08	2.5L (M272.920)	DOHC 24V (Petrol)	304709 (p.184)	
C-Class	C230 T	01/05	01/07	2.5L (M272.920)	DOHC 24V (Petrol)	304709 (p.184)	
C-Class	C230 Kompressor	11/02	08/05	1.8L (M271.948)	DOHC 16V (Petrol)	304709 (p.184)	
C-Class	C250	01/10	12/12	1.8L (M271.860)	DOHC VVT 16V (Petrol)	304709 (p.184)	
C-Class	C270 CDI	01/01	01/05	2.7L (OM612.962)	DOHC 20V (Diesel)	304709 (p.184)	
C-Class	C280	02/94	09/97	2.8L (M104.941)	DOHC 24V (Petrol)	304709 (p.184)	
C-Class	C280	07/07	10/09	3.0L (M272.947)	DOHC 24V (Petrol)	304709 (p.184)	
C-Class	C300	01/09	05/11	3.0L (M272.947)	DOHC VVT 24V (Petrol)	304709 (p.184)	
C-Class	C320	01/05	01/07	3.0L (OM642.910)	DOHC 24V (Diesel)	304709 (p.184)	
C-Class	C320 CDI	11/07	02/10	3.0L (OM642.960)	DOHC 24V (Diesel)	304709 (p.184)	
C-Class	C350	09/05	06/07	3.5L (M272.960)	DOHC 24V (Petrol)	304709 (p.184)	
C-Class	C350 CDI	01/10	12/12	3.0L (OM642)	DOHC VVT 24V (Diesel)	304709 (p.184)	
C-Class	C36 AMG	10/95	07/97	3.6L (M104.941)	DOHC 24V (Petrol)	304709 (p.184)	
CLC-Class	CLC200K	01/08	06/11	1.8L (M271.957)	DOHC 16V (Petrol)	304709 (p.184)	
CL-Class	CL500	04/07	10/10	5.5L (M273.961)	DOHC 32V (Petrol)	304709 (p.184)	
CL-Class	CL600	01/97	12/98	6.0L (M120.982)	DOHC 48V (Petrol)	304709 (p.184)	
CLK-Class	CLK200	10/97	10/00	2.0L (M111.945)	DOHC 16V (Petrol)	304709 (p.184)	



Vehicle Application List

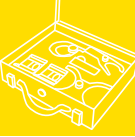
Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Mercedes cont.							
CLK-Class	CLK200K	10/00	06/10	1.8L, 2.0L (M271, M111)	DOHC 16V (Petrol)	304709 (p.184)	
CLK-Class	CLK230K	10/97	07/02	2.3L (M111.9)	DOHC 16V (Petrol)	304709 (p.184)	
CLK-Class	CLK280	09/05	06/10	3.0L (M272.940)	DOHC 24V (Petrol)	304709 (p.184)	
CLK-Class	CLK350	09/05	02/10	3.5L (M272.960)	DOHC 24V (Petrol)	304709 (p.184)	
CLK-Class	CLK500	09/06	02/10	5.5L (M273.697)	DOHC 32V (Petrol)	304709 (p.184)	
CLS-Class	CLS320 CDI	01/05	01/09	3.0L (OM642.920)	DOHC 24V (Diesel)	304709 (p.184)	
CLS-Class	CLS350 CDI	06/05	12/12	3.0L (OM642)	DOHC 24V (Diesel)	304709 (p.184)	
CLS-Class	CLS350	06/05	12/12	3.5L (M272)	DOHC 24V (Petrol)	304709 (p.184)	
CLS-Class	CLS500	01/06	05/11	5.5L (M273.960)	DOHC 32V (Petrol)	304709 (p.184)	
E-Class	E200, E200 K	01/93	08/02	2.0L (M111)	DOHC 16V (Petrol)	304709 (p.184)	
E-Class	E200 Kompressor	10/04	09/09	1.8L (M271.941)	DOHC 16V (Petrol)	304709 (p.184)	
E-Class	E220, C, CA	09/93	12/96	2.2L (M111.960)	DOHC 16V (Petrol)	304709 (p.184)	
E-Class	E230, E230 T	02/96	12/98	2.3L (M111.970)	DOHC 16V (Petrol)	304709 (p.184)	
E-Class	E250 CGI	10/09	12/12	1.8L (M271.860)	DOHC VVT 16V (Petrol)	304709 (p.184)	
E-Class	E270 CDI	01/00	09/05	2.7L (OM612, OM647)	DOHC 20V (Diesel)	304709 (p.184)	
E-Class	E280	09/93	02/96	2.8L (M104.942)	DOHC 24V (Petrol)	304709 (p.184)	
E-Class	E280 T	09/93	12/94	2.8L (M104.942)	DOHC 24V (Petrol)	304709 (p.184)	
E-Class	E280	09/05	09/09	3.0L (M272.943)	DOHC 24V (Petrol)	304709 (p.184)	
E-Class	E280 CDI	09/05	09/09	3.0L (OM642.920)	DOHC 24V (Diesel)	304709 (p.184)	
E-Class	E320	09/93	01/97	3.2L (M104)	DOHC 24V (Petrol)	304709 (p.184)	
E-Class	E320C	09/93	10/94	3.2L (M104.992)	DOHC 24V (Petrol)	304709 (p.184)	
E-Class	E320 CDI	01/03	01/07	3.0L, 3.2L (OM642, OM648)	DOHC 24V (Diesel)	304709 (p.184)	
E-Class	E350	03/05	12/12	3.5L (M272)	DOHC 24V incl. VVT (Petrol)	304709 (p.184)	
E-Class	E350 CDI	10/09	12/12	3.0L (OM642.850)	DOHC 24V (Diesel)	304709 (p.184)	
E-Class	E500	10/06	09/09	5.5L (M273.960)	DOHC 32V (Petrol)	304709 (p.184)	
G-Class	G350	02/11	12/12	3.0L (OM642.886)	DOHC 24V (Diesel)	304709 (p.184)	
GL-Class	GL320 CDI	11/06	01/10	3.0L (OM642.940)	DOHC 24V (Diesel)	304709 (p.184)	
GL-Class	GL500	11/06	02/10	5.5L (M273.963)	DOHC 32V (Petrol)	304709 (p.184)	
ML-Class	ML270 CDI	01/00	08/05	2.7L (OM612.963)	DOHC 20V (Diesel)	304709 (p.184)	
ML-Class	ML280 CDI	10/06	11/09	3.0L (OM642.920)	DOHC 24V (Diesel)	304709 (p.184)	
ML-Class	ML300 CDI	12/09	01/11	3.0L (OM642.940)	DOHC 24V (Diesel)	304709 (p.184)	
ML-Class	ML320 CDI	09/05	11/09	3.0L (OM642.940)	DOHC 24V (Diesel)	304709 (p.184)	
ML-Class	ML350	09/05	03/12	3.5L (M272.967)	DOHC 24V (Petrol)	304709 (p.184)	
ML-Class	ML350 CDI	12/09	01/11	3.0L (OM642.940)	DOHC 24V (Diesel)	304709 (p.184)	
ML-Class	ML500	11/07	03/12	5.5L (M273.963)	DOHC 32V (Petrol)	304709 (p.184)	
R-Class	R280, 300, 320, 350 CDi	04/06	12/12	3.0L (OM642.950)	DOHC 24V (Diesel)	304709 (p.184)	
R-Class	R350, 500	04/06	06/10	3.5L, 5.0L (M272, M273)	DOHC 24V, 32V (Petrol)	304709 (p.184)	
S-Class	S280	10/95	12/99	2.8L (M104.944)	DOHC 24V (Petrol)	304709 (p.184)	
S-Class	S320	09/93	12/99	3.2L (M104.990)	DOHC 24V (Petrol)	304709 (p.184)	
S-Class	S320 CDI	01/08	09/09	3.0L (OM642.930)	DOHC 24V (Diesel)	304709 (p.184)	
S-Class	S350	03/06	01/11	3.5L (M272.965)	DOHC 24V (Petrol)	304709 (p.184)	
S-Class	S350 CDI	01/09	12/12	3.0L (OM642)	DOHC 24V (Diesel)	304709 (p.184)	
S-Class	S500, L	02/06	01/11	5.5L (M273.961)	DOHC 32V (Petrol)	304709 (p.184)	
S-Class	S600, L, SL	05/93	12/99	6.0L (M120)	DOHC 48V (Petrol)	304709 (p.184)	
SL-Class	SL280	11/95	04/99	2.8L (M104.943)	DOHC 24V (Petrol)	304709 (p.184)	
SL-Class	SL320	01/93	01/97	3.2L (M104.991)	DOHC 24V (Petrol)	304709 (p.184)	
SL-Class	SL350, SL500	01/06	12/12	3.5L, 5.5L (M272, M273)	DOHC 24V, 32V (Petrol)	304709 (p.184)	
SL-Class	SL600	09/93	07/02	6.0L (M120)	DOHC 48V (Petrol)	304709 (p.184)	
SLK-Class	SLK200	01/97	12/12	1.8L, 2.0L (M271, M111)	DOHC 16V (Petrol)	304709 (p.184)	



TIMING TOOLS

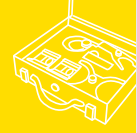
Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Mercedes cont.							
SLK-Class	SLK230	01/96	08/04	2.3L (M111)	DOHC 16V (Petrol)	304709 (p.184)	
SLK-Class	SLK280	01/05	05/08	3.0L (M272.942)	DOHC 24V (Petrol)	304709 (p.184)	
SLK-Class	SLK300	03/10	06/11	3.0L (M272.942)	DOHC VVT 24V (Petrol)	304709 (p.184)	
SLK-Class	SLK350	01/04	06/11	3.5L (M272.963)	DOHC 24V (Petrol)	304709 (p.184)	
Sprinter	208 CDI	04/02	12/06	2.2L (OM611.987)	DOHC 16V (Diesel)	304709 (p.184)	
Sprinter	209 CDI	01/07	01/09	2.1L (OM646.984)	DOHC 16V (Diesel)	304709 (p.184)	
Sprinter	308 CDI	12/01	12/06	2.2L (OM611.987)	DOHC 16V (Diesel)	304709 (p.184)	
Sprinter	309 CDI	10/06	01/10	2.1L (OM646.984)	DOHC 16V (Diesel)	304709 (p.184)	
Sprinter	311 CDI	10/06	01/10	2.1L (OM646.985)	DOHC VVT 16V (Diesel)	304709 (p.184)	
Sprinter	313 CDI	04/02	12/06	2.2L (OM611.981)	DOHC 16V (Diesel)	304709 (p.184)	
Sprinter	315 CDI	10/06	01/10	2.1L (OM646.986)	DOHC VVT 16V (Diesel)	304709 (p.184)	
Sprinter	316 CDI	07/03	12/06	2.7L (OM651.957)	DOHC 20V (Diesel)	304709 (p.184)	
Sprinter	318 CDI	10/06	01/10	3.0L (OM642.992)	DOHC 24V (Diesel)	304709 (p.184)	
Sprinter	319 CDI	02/10	12/12	3.0L (OM642.896)	DOHC VVT 24V (Diesel)	304709 (p.184)	
Sprinter	413 CDI	05/00	10/06	2.2L (OM611.981)	DOHC 16V (Diesel)	304709 (p.184)	
Sprinter	415 CDI	02/08	01/10	2.1L (OM646.986)	DOHC VVT 16V (Diesel)	304709 (p.184)	
Sprinter	416 CDI	07/03	12/06	2.7L (OM612.981)	DOHC 20V (Diesel)	304709 (p.184)	
Sprinter	418 CDI	02/08	01/10	3.0L (OM642.992)	DOHC VVT 24V (Diesel)	304709 (p.184)	
Sprinter	419 CDI	02/10	12/12	3.0L (OM642.896)	DOHC VVT 24V (Diesel)	304709 (p.184)	
Sprinter	511 CDI	01/10	12/12	2.1L (OM646.985)	DOHC VVT 16V (Diesel)	304709 (p.184)	
Sprinter	515 CDI	10/06	01/10	2.1L (OM646.986)	DOHC 16V (Diesel)	304709 (p.184)	
Sprinter	518 CDI	10/06	01/10	3.0L (OM642.992)	DOHC 24V (Diesel)	304709 (p.184)	
Sprinter	519 CDI	02/10	12/12	3.0L (OM642.896)	DOHC VVT 24V (Diesel)	304709 (p.184)	
Sprinter	616 CDI	04/02	12/06	2.7L (OM612.981)	DOHC 20V (Diesel)	304709 (p.184)	
Viano	3.0 CDI	01/05	01/06	3.0L (OM642.990)	DOHC 24V (Diesel)	304709 (p.184)	
Viano	2.2 CDI	07/05	02/11	2.2L (OM646.982)	DOHC 16V (Diesel)	304709 (p.184)	
Vito	108 CDI	08/99	04/04	2.2L (OM611A)	DOHC 16V (Diesel)	304709 (p.184)	
Vito	109 CDI	04/04	01/11	2.1L, 2.2L (OM646.98)	DOHC 16V (Diesel)	304709 (p.184)	
Vito	111 CDI	04/04	01/11	2.1L (OM646.98)	DOHC 16V (Diesel)	304709 (p.184)	
Vito	112 CDI	02/01	03/04	2.2L (OM611.980)	DOHC 16V (Diesel)	304709 (p.184)	
Vito	113	02/98	04/04	2.0L (M111)	DOHC 16V (Petrol)	304709 (p.184)	
Vito	115 CDI	04/04	01/11	2.1L (OM646.980)	DOHC 16V (Diesel)	304709 (p.184)	
Vito	120 CDI	02/07	01/11	3.0L (OM642.990)	DOHC 24V (Diesel)	304709 (p.184)	
MINI							
Cooper	R50 Incl. S	03/02	02/07	1.6L (W10, W11 B16A)	SOHC 16V (Petrol)	304703 (p.186)	
Cooper	R52 - S	12/04	02/09	1.6L (W11 B16A)	SOHC 16V (Petrol)	304703 (p.186)	
Cooper	R53 - S	08/05	02/07	1.6L (W11 B16)	SOHC 16V (Petrol)	304703 (p.186)	
Cooper	R55 - Clubman	01/08	12/12	1.6L (N12 B6A)	DOHC VVT 16V (Petrol)	304718 (p.185)	
Cooper	R56 Incl. S (Petrol)	03/07	12/12	1.6L (N12, N14 B6A)	DOHC 16V (Petrol)	304718 (p.185)	
Cooper	R56 (Diesel)	10/10	12/12	1.6L (N47 C16A)	DOHC VVT 16V (Diesel)	304719 (p.162)	
Cooper	R57 Incl. S, Cabrio	01/09	12/12	1.6L (N12, N14 B6A)	DOHC VVT 16V (Petrol)	304718 (p.185)	
One	R50	01/01	01/06	1.6L (W10 B16)	SOHC 16V (Petrol)	304703 (p.186)	
One	R56	01/07	01/08	1.4L (N14 B)	SOHC 16V (Petrol)	304718 (p.185)	
Mitsubishi							
Various Applications	Universal Timing Tool Kit					304733 (p.187)	



Vehicle Application List

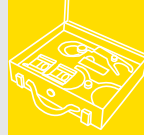
Make & Model	Start	Finish	Engine		Part Number (page no.)	Notes
			Size & Model	Cam & Valves		
Peugeot						
205	1.6 (Si)	01/91	12/94	1.6L (XU5)	SOHC 8V (Petrol)	304704 (p.188) May require additional tools
205	1.9 Incl. GTi	01/87	12/94	1.9L (XU9J)	SOHC 8V (Petrol)	304704 (p.188) May require additional tools
206	1.4 (XR)	09/99	02/07	1.4L (TU3JP)	SOHC 8V (Petrol)	304704 (p.188)
206	2.0 Incl. GTi	09/99	06/07	2.0L (EW10J4)	DOHC 16V (Petrol)	304704 (p.188)
206	GTi 180	10/03	02/07	2.0L (EW10J4S)	DOHC 16V (Petrol)	304704 (p.188)
206CC	1.6	10/01	06/07	1.6L (TU5JP4)	DOHC 16V (Petrol)	304704 (p.188)
206CC	2.0	09/99	06/07	2.0L (EW10J4)	DOHC 16V (Petrol)	304704 (p.188)
207	1.6 (XE, XT)	02/07	12/12	1.6L (EP6)	DOHC 16V (Petrol)	304718 (p.189)
207	1.6 (GT, GTi)	02/07	06/11	1.6L (EP6DT)	DOHC 16V (Petrol)	304718 (p.189)
207CC	1.6 Incl. GT & Turbo	07/07	12/12	1.6L (EP6(DT))	DOHC 16V (Petrol)	304718 (p.189)
306	1.8	01/94	06/97	1.8L (XU7JP)	SOHC 8V (Petrol)	304704 (p.188) May require additional tools
306	2.0	01/94	06/97	2.0L (XU10J)	SOHC 8V (Petrol)	304704 (p.188) May require additional tools
306	1.9 Diesel	01/93	12/01	1.9L (XUD9(T))	SOHC 8V (Diesel)	304704 (p.188)
306	2.0 HDi	04/00	12/01	2.0L (DW10TD)	SOHC 8V (Diesel)	304721 (p.190) May require additional tools
307	1.6	12/01	06/08	1.6L (TU5JP4)	DOHC 16V (Petrol)	304704 (p.188)
307	2.0	10/05	06/09	2.0L (EW10A)	DOHC 16V (Petrol)	304704 (p.188) 304726 (p.191) Various kits suitable
307	2.0	12/01	12/08	2.0L (EW10J4,S)	DOHC 16V (Petrol)	304704 (p.188)
307	2.0 HDi	12/01	10/05	2.0L (DW10TD)	SOHC 16V (Diesel)	304721 (p.190) May require additional tools
307	2.0 HDi	05/05	06/08	2.0L (DW10BTED4)	DOHC 16V (Diesel)	304721 (p.190)
307CC	2.0	10/05	06/09	2.0L (EW10A)	DOHC 16V (Petrol)	304704 (p.188) 304726 (p.191) Various kits suitable
308	1.6 Incl. Turbo, XTS	02/08	12/12	1.6L (EP6(DT))	DOHC, DOHC VVT 16V (Petrol)	304718 (p.189)
308	2.0 HDi, Incl. CC	02/08	01/11	2.0L (DW10BTED4)	DOHC 16V (Diesel)	304721 (p.190) May require additional tools
308	2.0 HDi	02/11	12/12	2.0L (DW10CTED4)	DOHC 16V (Diesel)	304721 (p.190)
3008	1.6 Turbo	06/10	12/11	1.6L (EP6DT)	DOHC VVT 16V (Petrol)	304718 (p.189)
3008	2.0 HDi	06/10	12/11	2.0L (DW10CTED4)	DOHC VVT 16V (Diesel)	304721 (p.190)
405	1.9	01/88	01/95	1.9L (XU9J2)	SOHC 8V (Petrol)	304704 (p.188) May require additional tools
405	1.9 (DOHC)	02/89	04/93	1.9L (XU9J4)	DOHC 16V (Petrol)	304704 (p.188) May require additional tools
405	2.0	05/93	05/96	2.0L (XU10J2)	SOHC 8V (Petrol)	304704 (p.188) May require additional tools
405	1.9 Diesel	01/93	01/98	1.9L (XUD9(T))	SOHC 8V (Diesel)	304704 (p.188)
406	2.0	08/99	09/04	2.0L (EW10J4)	DOHC 16V (Petrol)	304704 (p.188)
406	1.9 Diesel	01/96	01/98	1.9L (XUD9TE)	SOHC 8V (Diesel)	304704 (p.188)
406	2.1 Diesel	10/97	12/99	2.1L (XUD11BTE)	SOHC 12V (Diesel)	304704 (p.188)
406	2.0 HDi	08/99	08/04	2.0L (DW10ATED)	SOHC 8V (Diesel)	304721 (p.190) May require additional tools
407	2.2	09/04	08/09	2.2L (EW12)	DOHC 16V (Petrol)	304704 (p.188)
407	2.0 HDi	09/04	12/11	2.0L (DW10)	DOHC 16V (Diesel)	304721 (p.190)
4007	2.2 HDi	10/09	12/12	2.2L (DW12MTED4)	DOHC 16V (Diesel)	304721 (p.190)
508	2.0 HDi	07/11	12/12	2.0L (DW10CTED4)	DOHC 16V (Diesel)	304721 (p.190)
508	2.2 HDi (GT)	07/11	12/12	2.2L (DW12)	DOHC 16V (Diesel)	304721 (p.190) May require additional tools
605	2.0	01/95	01/98	2.0L (XU10J2)	SOHC 8V (Petrol)	304704 (p.188) May require additional tools
Expert	2.0 HDi	08/08	12/11	2.0L (DW10)	DOHC 16V (Diesel)	304704 (p.188)
Partner	1.6	09/08	12/11	1.6L (TU5JP4B)	DOHC VVT 16V (Petrol)	304704 (p.188)
RCZ	1.6T	10/10	12/12	1.6L (EP6CDT)	DOHC VVT 16V (Petrol)	304718 (p.189)
Proton						
Savy	BT	04/06	12/12	1.1L	SOHC 16V (Petrol)	304727 (p.192)
Renault						
Clio	1.4	01/00	08/04	1.4L (K4J)	DOHC 16V (Petrol)	304727 (p.192)
Clio	1.6	01/02	06/06	1.6L (K4M)	DOHC 16V (Petrol)	304727 (p.192)
Clio	2.0	01/00	02/10	2.0L (F4R)	DOHC 16V (Petrol)	304727 (p.192)



TIMING TOOLS

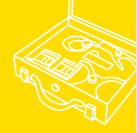
Vehicle Application List

Make & Model	Start	Finish	Engine		Part Number (page no.)	Notes	
			Size & Model	Cam & Valves			
Renault cont.							
Grand Scenic	2.0	01/05	01/07	2.0L (F4R)	DOHC 16V (Petrol)	304727 (p.192)	
Kangoo	1.6 (X76)	08/04	11/10	1.6L (K4M)	DOHC 16V (Petrol)	304727 (p.192)	
Kangoo	1.9 (X76)	01/01	01/04	1.9L (F8QP)	SOHC 8V (Diesel)	304727 (p.192)	
Laguna	2.0	01/02	01/07	2.0L (F4R, F4R 713)	DOHC 16V (Petrol)	304727 (p.192)	
Megane	1.6	01/99	06/06	1.6L (K4M, A 700)	DOHC 16V (Petrol)	304727 (p.192)	
Megane	2.0	11/03	07/10	2.0L (F4R, Z 770)	DOHC 16V (Petrol)	304727 (p.192)	
Megane	1.6 (X84)	11/03	12/07	1.6L (K4M, T760)	DOHC 16V (Petrol)	304727 (p.192)	
Megane	2.0 (X95)	11/10	12/12	2.0L (F4R)	DOHC 16V (Petrol)	304727 (p.192)	
Scenic	1.6	05/01	12/02	1.6L (K4MA 700)	DOHC 16V (Petrol)	304727 (p.192)	
Scenic	2.0	05/01	02/05	2.0L (F4RC 744, 746)	DOHC 16V (Petrol)	304727 (p.192)	
Scenic II	2.0	02/05	01/07	2.0L (F4RZ 770)	DOHC 16V (Petrol)	304727 (p.192)	
Seat							
Cordoba	1.9	01/95	01/96	1.9L (2E)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Cordoba	1.6	09/98	12/00	1.6L (AFT)	SOHC (Petrol)	304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Cordoba	1.8	09/98	12/00	1.8L (ADZ)	SOHC (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Ibiza	2.0 (SOHC)	01/95	12/98	2.0L (2E)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Ibiza	2.0 (DOHC)	09/98	12/00	2.0L (ABF)	DOHC 16V (Petrol)	304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Toledo	2.0 (SOHC)	01/95	01/97	2.0L (2E)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Toledo	2.0 (DOHC)	09/98	12/00	2.0L (AGG)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Skoda							
Fabia	1.6	01/08	01/09	1.6L (BTS)	DOHC 16V (Petrol)	304716 (p.155)	
Fabia	1.9 TDi	01/04	01/07	1.9L (BLT)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Fabia	1.9 TDi	01/08	01/09	1.9L (BSW)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Octavia	1.6	01/05	01/06	1.6L (BLF)	DOHC 16V (Petrol)	304716 (p.155)	
Octavia	1.6	03/09	08/10	1.6L (BSE)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Octavia	2.0 FSI	01/05	01/06	2.0L (BLR)	DOHC 16V (Petrol)	304714 (p.158)	
Octavia	2.0 FSI	10/07	02/09	2.0L (BVY)	DOHC 16V (Petrol)	304714 (p.158)	
Octavia	2.0 TFSI (RS)	01/06	02/09	2.0L (BWA)	DOHC 16V (Petrol)	304714 (p.158)	
Octavia	1.9 TDi	10/07	07/11	1.9L (BXE)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Octavia	2.0 TDi	01/06	01/08	2.0L (BMN)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Octavia	2.0 TDi	01/06	12/12	2.0L (BKD)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Octavia	2.0 TDi	09/08	12/12	2.0L (BMM)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Roomster	1.6	10/07	10/10	1.6L (BTS)	DOHC 16V (Petrol)	304716 (p.155)	
Roomster	1.9 TDi	10/07	10/10	1.9L (BSW)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable



Vehicle Application List

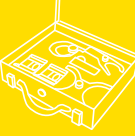
Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Ssangyong							
Rexton	Y200	03/04	03/08	2.7L (OM665.925)	DOHC 10V (Diesel)	304709 (p.195)	
Rexton	Y200	03/04	03/08	2.7L (OM665.935)	DOHC 20V (Diesel)	304709 (p.195)	
Stavic	A100	03/05	12/12	2.7L (OM665.926)	DOHC 20V (Diesel)	304709 (p.195)	
Subaru							
Various Applications	Universal Timing Tool Kit					304734 (p.196)	
Toyota							
Various Applications	Universal Timing Tool Kit					304733 (p.197)	
Volkswagen							
Beetle (New)	1.6	01/02	11/05	1.6L (AYD, BFS)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Beetle (New)	2.0	01/00	01/11	2.0L (AQY, AZJ, BER)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159)	Various kits suitable
Beetle (New)	1.9 TDi	11/05	01/11	1.9L (BSW)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Bora	1.6	01/98	01/02	1.6L (AEH)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Bora	2.0	11/99	09/05	2.0L (APK, AZJ)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159)	Various kits suitable
Caddy	1.6	01/05	11/10	1.6L (BGU,BSE)	SOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Caddy	1.9 TDi	01/05	11/10	1.9L (BJB, BLS)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Crafter	2.5L TDi	03/07	01/12	2.5L (BJL, BJM, BJK)	SOHC 10V (Diesel)	304722 (p.198)	
Crafter	2.5L TDi	01/12	12/12	2.5L (CECA)	SOHC 10V (Diesel)	304722 (p.198)	
EOS	2.0T FSI	03/07	07/08	2.0L (BWA)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
EOS	2.0 TDi	03/07	07/08	2.0L (BMM)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
EOS	2.0 TDi	08/08	04/11	2.0L (CBAB)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Golf III	2.0	01/95	12/98	2.0L (ABF)	DOHC 16V (Petrol)	304036 (p.160) 304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Golf IV	1.6	09/98	07/04	1.6L (AKL, AEH, AVU, BFQ)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Golf IV	1.6	01/02	01/04	1.6L (BCB)	DOHC 16V (Petrol)	304715 (p.154) 304728 (p.156)	Various kits suitable
Golf IV	1.8	10/98	07/04	1.8L (AGN, AUM)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
Golf IV	1.8 GTi	04/99	07/04	1.8L (AGU)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
Golf IV	2.0	03/02	07/04	2.0L (APK, AZJ)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159)	Various kits suitable
Golf IV	1.9 TDi	01/97	01/04	1.9L (AHF)	SOHC 8V (Diesel)	304715 (p.154)	
Golf IV	1.9 TDi	01/02	01/03	1.9L (ATD)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Golf V	1.4 TSI, GT	01/04	12/12	1.4L (BMY, BLG, CAXC)	DOHC 16V (Petrol)	304716 (p.155)	



TIMING TOOLS

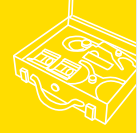
Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Volkswagen cont.							
Golf V	1.6	01/05	01/07	1.6L (BGU, BSE)	SOHC 8V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Golf V	1.6	01/04	01/07	1.6L (BAG, BLF, BLP)	DOHC 16V (Petrol)	304716 (p.155)	
Golf V	2.0	01/04	01/07	2.0L (BLX, BLR, BDY)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Golf V	2.0 Incl. GTi	01/04	09/09	2.0L (AXW, AXX)	DOHC 16V (Petrol)	304714 (p.158)	
Golf V	2.0 GTi	05/05	09/09	2.0L (BWA)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Golf V	1.9 TDi	08/04	03/08	1.9L (BKC, BLS, BXE)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Golf V	2.0 TDi	01/04	02/09	2.0L (BMM, BKD)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Golf V	2.0 TDi (GT Sport)	01/04	02/09	2.0L (BMN)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Golf V	2.0 GTD	06/10	12/12	2.0L (CBBB)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Golf VI	1.4 TSI	03/09	12/12	1.4L (CAVD, CAXA)	DOHC 16V (Petrol)	304716 (p.155)	
Golf VI	2.0 R	06/10	12/12	2.0L (CDLC)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Golf VI	2.0 TDi	03/09	09/10	2.0L (CBAB)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Jetta	1.4 TSI	01/04	01/07	1.4L (BMY)	DOHC 16V (Petrol)	304716 (p.155)	
Jetta	1.4 TSI	01/09	12/12	1.4L (CAVD)	DOHC 16V (Petrol)	304716 (p.155)	
Jetta	2.0 FSI	02/06	01/09	2.0L (BLR, BVY, BWA)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Jetta	1.9 TDi	01/06	12/07	1.9L (BXE, BLS)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Jetta	2.0 TDi	02/06	07/11	2.0L (BKD, CBD, CEGA)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
LT 35	2.5 TDi	03/03	12/06	2.5L (AVR, BBF)	SOHC 10V, 12V (Diesel)	304722 (p.198)	
LT 46	2.5 TDi	03/03	07/06	2.5L (ANJ, AVR)	SOHC 10V (Diesel)	304722 (p.198)	
Lupo	1.4	01/99	01/03	1.4L (AHW, AUA, BBY)	DOHC 16V (Petrol)	304715 (p.154) 304728 (p.156)	Various kits suitable
Passat	1.8	03/98	07/04	1.8L (ADR, APT)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Passat	1.8T	03/98	07/04	1.8L (AEB, APU)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Passat	1.8T	05/01	11/02	1.8L (AWT)	DOHC 20V (Petrol)	304714 (p.158) 304715 (p.154)	Various kits suitable
Passat	2.0	01/03	01/05	2.0L (AZM)	SOHC 8V (Petrol)	304715 (p.154) 304725 (p.159)	Various kits suitable
Passat	2.0T FSI	03/06	07/08	2.0L (BWA)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Passat	1.9 TDi	01/02	01/03	1.9L (AVF)	DOHC 16V (Diesel)	304715 (p.154)	
Passat	1.9 TDi	01/08	01/11	1.9L (BLS)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Passat	2.0 TDi	03/06	07/08	2.0L (BKP, BMP, BMR)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Passat	2.0 TDi	08/09	12/12	2.0L (CBAB, CBBB)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Passat CC	2.0 TDi	02/09	12/12	2.0L (CBBB)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable



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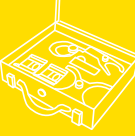
Make & Model	Start	Finish	Engine		Part Number (page no.)	Notes	
			Size & Model	Cam & Valves			
Volkswagen cont.							
Phaeton	3.0 TDi	01/06	01/08	3.0L (BMK)	DOHC 24V (Diesel)	304735 (p.157)	
Polo	1.4i	09/00	09/03	1.4L (AHW, BBY)	DOHC 16V (Petrol)	304715 (p.154) 304728 (p.156)	Various kits suitable
Polo	1.4i	10/05	09/08	1.4L (BKY, BBZ, BNV)	SOHC 16V (Petrol)	304715 (p.154) 304728 (p.156)	Various kits suitable
Polo	1.4i	01/09	12/12	1.4L (CGGB)	DOHC 16V (Petrol)	304715 (p.154) 304728 (p.156)	Various kits suitable
Polo	1.4i GTi	11/10	12/12	1.4L (CAVE)	DOHC 16V (Petrol)	304716 (p.155)	
Polo	1.6	01/00	01/02	1.6L (ARC)	DOHC 16V (Petrol)	304715 (p.154) 304728 (p.156)	Various kits suitable
Polo	1.6 Pacific	10/08	04/10	1.6L (BTS)	DOHC 16V (Petrol)	304716 (p.155)	
Polo	1.8 GTi	10/05	08/10	1.8L (BJX)	SOHC 8V (Petrol)	304715 (p.154)	
Polo	1.4 TDi	01/06	01/08	1.4L (BNV, BMS)	SOHC 6V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Polo	1.9 TDi	10/05	09/08	1.9L (AXR)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Scirocco	1.4 TSi	01/09	01/11	1.4L (CAVD)	DOHC 16V (Petrol)	304716 (p.155)	
Scirocco	2.0 R	01/10	12/12	2.0L (CDL)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Tiguan	2.0 TDi	05/08	10/08	2.0L (CBAB)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Touareg	3.0 TDi	11/06	12/12	3.0L (BKS, CASA)	DOHC 24V (Diesel)	304735 (p.157)	
Touran	2.0	01/03	01/07	2.0L (AXW)	DOHC 16V (Petrol)	304714 (p.158)	
Touran	2.0	01/04	01/07	2.0L (BLX, BLR, BVY)	DOHC 16V (Petrol)	304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Touran	2.0 TDi	01/07	01/08	2.0L (BMM)	DOHC 16V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Transporter	2.0 T4	11/92	12/04	2.0L (AAC)	SOHC 8V (Petrol)	304036 (p.160) 304714 (p.158) 304715 (p.154) 304725 (p.159) 304728 (p.156)	Various kits suitable
Transporter	2.5 T4	01/93	08/07	2.5L (AAF, ACU, AET)	SOHC 10V (Petrol)	304722 (p.198)	
Transporter	2.4 TDi (T4)	01/95	12/99	2.4L (AAB, AJA)	SOHC 10V (Diesel)	304722 (p.198)	
Transporter	2.5 TDi (T4)	10/99	06/05	2.5L (ACV, AUF, AYC, AVR)	SOHC 10V (Diesel)	304722 (p.198)	
Transporter	2.5 TDi (T4) Syncro	10/99	12/04	2.5L (AUF)	SOHC 10V (Diesel)	304722 (p.198)	
Transporter	1.9 TDi (T5)	07/04	05/10	1.9L (AXB, AXC, BRR, BRS)	SOHC 8V (Diesel)	304715 (p.154) 304725 (p.159)	Various kits suitable
Volvo							
740	2.3	01/89	12/90	2.3L (B234F)	DOHC 16V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable
850	2.3T	05/96	01/97	2.3L (B5234FT)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable, some may require additional tools
850	2.5	01/93	09/96	2.5L (B5252S)	SOHC 10V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable
850	2.5 Incl. Turbo	01/92	01/97	2.5L (B5254S, FT)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable, some may require additional tools
940	2.3	04/91	12/95	2.3L (B234F)	DOHC 16V (Petrol)	304738 (p.201)	May require additional tools
960	2.9	11/91	01/97	2.9L (B6304F)	DOHC 24V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable, some may require additional tools
C30	2.4	03/07	08/10	2.4L (B5244S)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
C30	2.5T	03/07	12/12	2.5L (B5254T7)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
C30	1.6 TDi	05/10	12/12	1.6L (D4164T)	DOHC 16V (Diesel)	304704 (p.188) 304706 (p.173) 304708 (p.174) 304726 (p.191) 304729 (p.172)	Various kits suitable
C30	2.0 TDi	11/09	08/10	2.0L (D4204T)	DOHC 16V (Diesel)	304706 (p.173) 304708 (p.174)	Various kits suitable
C30	2.4 TDi	01/07	10/09	2.4L (D5244T)	DOHC 16V (Diesel)	304738 (p.201)	



TIMING TOOLS

Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Volvo cont.							
C70	2.3T	09/99	09/04	2.3L (B5234T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
C70	2.4T	09/99	03/03	2.4L (B5244T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
C70	2.4	12/06	08/10	2.4L (B5244S4)	DOHC VVT 20V (Petrol)	304738 (p.201)	May require additional tools
C70	2.5T	09/99	04/01	2.5L (B5244T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
C70	2.5T	12/06	12/12	2.5L (B5254T7)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
Cross Country	2.4	09/00	03/03	2.4L (B5244T3)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S40	1.8	02/97	08/00	1.8L (B4184S)	DOHC 16V (Petrol)	304738 (p.201)	May require additional tools
S40	1.9T	10/97	08/00	1.9L (B4194T)	DOHC 16V (Petrol)	304738 (p.201)	May require additional tools
S40	2.0	01/97	02/04	2.0L (B4204S)	DOHC 16V (Petrol)	304738 (p.201)	May require additional tools
S40	2.0T	02/98	05/04	2.0L (B4204T)	DOHC 16V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
S40	2.4	02/04	08/10	2.4L (B5244S)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S40	2.5T	02/04	10/09	2.5L (B5254T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
S40	2.5T (R)	11/09	12/12	2.5L (B5254T7)	DOHC 20V (Petrol)	304737 (p.200)	
S40	2.0 TDi	11/09	08/10	2.0L (D4204T)	DOHC 16V (Diesel)	304706 (p.173) 304708 (p.174)	Various kits suitable
S40	2.4 TDi	03/07	10/09	2.4L (D5244T)	DOHC 16V (Diesel)	304738 (p.201)	
S60	1.6T	10/11	12/12	1.6L (B4164T)	DOHC 16V (Petrol)	304737 (p.200)	
S60	2.0T	02/11	12/12	2.0L (B4204T)	DOHC 16V (Petrol)	304737 (p.200)	
S60	2.3T	12/00	07/03	2.3L (B5234T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S60	2.4	12/00	09/09	2.4L (B5244S)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S60	2.4T	12/00	09/09	2.4L (B5244T3)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S60	2.0T	01/00	01/02	2.0L (B5204T5)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S60	2.5T	06/02	09/09	2.5L (B5254T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
S60	3.0T	12/10	12/12	3.0L (B6304T)	DOHC 24V (Petrol)	304737 (p.200)	
S70	2.3T	02/97	05/03	2.3L (B5234T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable
S70	2.3	02/97	05/03	2.3L (B5234S)	DOHC 20V (Petrol)	304737 (p.200)	
S70	2.4	02/97	10/98	2.4L (B5244S)	DOHC 20V (Petrol)	304737 (p.200)	
S70	2.4	02/97	10/98	2.4L (B5252S)	DOHC 10V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable, some may require additional tools
S70	2.4	02/97	09/00	2.4L (B5254S)	DOHC 20V (Petrol)	304737 (p.200)	
S70	2.4T	02/97	04/01	2.4L (B5244T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S70	2.4T	02/97	09/00	2.4L (B5254T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
S80	2.0T	01/99	01/00	2.0L (B5204T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S80	2.5T	10/04	12/06	2.5L (B5254T2)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
S80	2.8T	05/98	02/03	2.8L (B6284T)	DOHC 24V (Petrol)	304738 (p.201)	May require additional tools
S80	2.8T	10/04	07/05	2.8L (B6294T)	DOHC 24V (Petrol)	304737 (p.200)	
S80	2.9	05/98	06/03	2.9L (B6304S)	DOHC 24V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
S80	2.9	08/01	07/05	2.9L (B6294S)	DOHC 24V (Petrol)	304738 (p.201)	May require additional tools
S80	2.9T	05/98	07/05	2.9L (B6294T)	DOHC 24V (Petrol)	304738 (p.201)	May require additional tools
S80	3.0T	09/10	12/12	3.0L (B6304T)	DOHC 24V (Petrol)	304737 (p.200)	
S80	2.4 TDi	01/07	08/10	2.4L (D5244T)	DOHC 20V (Diesel)	304738 (p.201)	
S90, V90	2.9	02/97	12/98	2.9L (B6304F)	DOHC 24V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable, some may require additional tools
V40	1.8	02/97	03/01	1.8L (B4184S)	DOHC 16V (Petrol)	304737 (p.200)	
V40	1.9T	10/97	05/03	1.9L (B4194T)	DOHC 16V (Petrol)	304737 (p.200)	
V40	2.0	01/97	05/04	2.0L (B4204S)	DOHC 16V (Petrol)	304737 (p.200)	
V40	2.0T	02/98	01/03	2.0L (B4204T)	DOHC 16V (Petrol)	304737 (p.200)	
V50	2.4	01/04	08/10	2.4L (B5244S)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
V50	2.5	03/04	10/09	2.5L (B5244S4)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools



Vehicle Application List

Make & Model		Start	Finish	Engine		Part Number (page no.)	Notes
				Size & Model	Cam & Valves		
Volvo cont.							
V50	2.5T	03/04	10/09	2.5L (B5254T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
V50	2.5T	11/09	12/12	2.5L (B5254T)	DOHC 20V (Petrol)	304737 (p.200)	May require additional tools
V50	2.0 TDi	11/09	08/10	2.0L (D4204T)	DOHC 16V (Diesel)	304706 (p.173) 304708 (p.174)	Various kits suitable
V50	2.4 TDi	03/07	10/09	2.4L (D5244T)	DOHC 20V (Diesel)	304738 (p.201)	
V60	1.6T	10/11	12/12	1.6L (B4164T)	DOHC 16V (Petrol)	304737 (p.200)	
V60	2.0T	03/11	12/12	2.0L (B4204T)	DOHC 16V (Petrol)	304737 (p.200)	
V60	3.0T	03/11	12/12	3.0L (B6304T)	DOHC 24V (Petrol)	304737 (p.200)	
V70	2.0T	01/97	01/00	2.0L (B5204T5)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
V70	2.3T (R)	03/97	05/03	2.3L (B5234T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
V70	2.4	01/00	01/08	2.4L (B5244S)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
V70	2.4	03/97	09/00	2.4L (B5252S)	DOHC 10V (Petrol)	304737 (p.200) 304738 (p.201)	Various kits suitable, some may require additional tools
V70	2.4	05/98	08/00	2.4L (B5254S)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
V70	2.4T	02/97	09/00	2.4L (B5254T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
V70	2.4T	01/99	05/03	2.4L (B5244T)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
V70	2.5T	01/03	01/06	2.5L (B5254T)	DOHC 20V (Petrol)	304737 (p.200) 304738 (p.201)	May require additional tools
V70	3.0T	09/10	12/12	3.0L (B6304T4)	DOHC 24V (Petrol)	304737 (p.200)	
XC60	2.0T	02/11	12/12	2.0L (B4204T)	DOHC 16V (Petrol)	304737 (p.200)	
XC60	3.0T	09/10	12/12	3.0L (B6304T2)	DOHC 24V (Petrol)	304737 (p.200)	
XC60	3.2	09/10	12/12	3.2L (B6324S)	DOHC 24V (Petrol)	304737 (p.200)	
XC60	2.4 TDi	03/09	09/09	2.4L (D5244T10)	DOHC 24V (Diesel)	304738 (p.201)	May require additional tools
XC70	2.3T	01/00	01/01	2.3L (B5234T7)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
XC70	2.4T	01/00	01/04	2.4L (B5244T3)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
XC70	2.5T Incl. Cross Country	04/03	11/07	2.5L (B5254T2)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
XC70	3.2	09/10	12/12	3.2L (B6324S)	DOHC 24V (Petrol)	304737 (p.200)	
XC70	2.4 TDi	01/05	12/12	2.4L (D5244T)	DOHC 20V (Diesel)	304738 (p.201)	May require additional tools
XC90	2.5T	06/03	09/06	2.5L (B5254T2)	DOHC 20V (Petrol)	304738 (p.201)	May require additional tools
XC90	2.9T	06/03	09/06	2.9L (B6294T)	DOHC 24V (Petrol)	304738 (p.201)	May require additional tools
XC90	3.2	09/10	12/12	3.2L (B6324S)	DOHC 24V (Petrol)	304737 (p.200)	
XC90	2.4 TDi	10/06	12/12	2.4L (D5244T4)	DOHC 20V (Diesel)	304738 (p.201)	May require additional tools