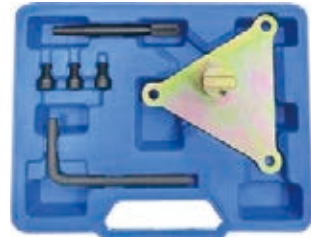


AT1390 Diesel Engine Timing Tool Kit**Application:****Model:****Alfa Romeo:** Myth (08-12)**Fiat:** 500 (07-12), Doblo /Charge (04-10), Fiorino (08-11), Large Point (05-11), Idea (04-11), Line (07-11), Panda (03-11), Point (03-11), Point Evo (09-12), Qubo (08-11), Strada Pickup (06-13)**Ford:** Ka (09-12)**Lancia:** Musa (04-11), Ypsilon (03-11)**Suzuki:** Ignis (03-09), Splash (08-11), Swift (06-10), Wagon R + (03-08)**Opel:** Agila (03-08), Agila-B (08-10), Astra-H (04-11), Astra-J (09-12), Combo-C (03-12), Corsa-C (03-07), Corsa-D(06-12), Meriva-A (04-10), Meriva-B (10-11), Tigra-B (04-10)**Engine Code:****Alfa Romeo:** 199A3.000, 199B1.000**Fiat:** 169A1.000, 169A5.000, 188A8.000, 188A9.000, 199A2.000, 199A3.000, 199A9.000, 199B1.000, 199B2.000, 223A9.000, 263A2.000**Ford:** 169A1.000 (FD4)**Lancia:** 188A9.000, 199A2.000, 199A3.000, 199B1.000, 843A2.000**Suzuki:** Dimension, Z13DT, Z13DTJ**Opel:** A13DTC, A13DTE, A13DTR, Dimension, LDV/A13DTC, LSF/A13DTE, Y13DTH, Z13DT, Z13DTH, Z13DTI, Z13DTJ, Z13DTR**AT1846 Engine Timing Tensioner Kit For Most Petrol And Diesel Engines****Introduction:**

Allow the crankshaft and the camshaft to be locked into the position for removal and replacement of the timing chain. Include crankshaft pulley locking pin to secure the crankshaft pulley for the center bolt removal.

Application:**Model:****Alfa Romeo:** MiTo (2012-2015)**Lancia:** Ypsilon (2011-2015)**Fiat:** 500/500C (2010-2015), Panda (2012-2015), Punto (2012-2015)**Engine Code:** 0.9 Twin Air Turbo: 312A2.000**AT1539 Engine Timing Tensioner Kit For Most Petrol And Diesel Engines****1. Introduction:**

A comprehensive range of the tension lever and the wrench require for changing the cam belt on most popular petrol and diesel engines.

2. Application:**Model:**

Alfa Romeo, Fiat, Citroen, Peugeot, Renault, Volkswagen



AT1499 Diesel Engine Setting/Locking Tool Kit For Alfa Romeo/Fiat/Lancia – 1.6d, 1.9d, 2.0d, 2.4d – Jtd/Multi – Jet (Belt)

Introduction:

Suitable for setting and locking on Alfa Romeo, Fiat and Lancia completed range of 1.6D, 1.9D, 2.0D JTD and Multijet engines as well as 2.4D 10v and 20v JTD.

The kit contains flywheel holding tool to remove/install crankshaft locking tools and camshaft tools.

Application:

Model:

Alfa Romeo: 145 (98-01), 146 (98-01), 147 (01-10), 156 (97-08), 159 (05-10), 166 (98-08), Brera (05-09), Crosswagon (04-08), Guilietta (10-12), GT (04-10), MiTo (08-12), Spider (06-09)

Fiat: Brava/Bravo (98-02), Bravo (07-12), Croma (05-11), Doblo/Cargo (02-10), Grande Punto (05-10), Idea (04-12), Linea (07-11), Marea/Weekend (99-03), Multipla (99-11), Palio Weekend (02-06), Punto (09-12), Punto Evo (09-12), Sedici (06-09), Stilo (01-08), Strada Pick-Up (03-06), Sedici (06-09), Stilo (01-08), Strada Pick-Up (03-06)

Lancia: Delta (08-12), Kappa (98-02), Lybra (99-07), Musa (04-12), Thesis (02-07)



AT1083 Petrol engine setting / locking master kit for alfa romeo/fiat/lancia – belt drive

Introduction:

The comprehensive set of timing tool is for Italian vehicle. Feature the inlet/exhaust camshaft locking tool enabling the camshaft to hold in the timed position when replacing the timing belt.

Application:

Model & Engine Code:

Fiat: Bravo, Brava

Lancia: Y10 (85 on) 1.4 12v, 5 cyl. VIS (96 on) 2.0 20v, 4 cyl. VIS 2.0, Delta

Fiat: Coupe, Barchetta 1.8 16v 130 bhp, Bravo, Brava, Marea 1.4/1.6 16v, Coupe, Barchetta, Punto, HGT 1.8 16v 132 bhp

Alfa Romeo: 145/146/155/156 (96-01) 1.8/2.0 16v & 1.4 16v Step A, 145/146/155 1.6 105 bhp, 147 1.6 105 bhp, 147/156/166/GTV/ Spider GT2.0 16v 165 bhp, 147 1.6 Eco 103 bhp

-1.8: 145/146 (96-01) 1.8/2.0 16v, 155/156 (96-06) Spider/GTV (98-01)

-2.0: 145/146 (96-01) 147 (01-07), 155/156 (95-02), Spider/GTV (96-03), 166 (98-01)



AT1668 Engine Timing Tool Set For Alfa Romeo/Fiat/Lancia

Introduction:

Repair to the cylinder head or the engine when replacing a timing belt. OXAT1668 set is needed to determine the top dead center point of cylinder 1 on the working stroke, to hold the camshaft in this position and to permit the adjustment of the tensioning pulley.

Application:

Alfa Romeo vehicle with 1.4; 1.6; 1.8; 2.0; 3.0L 4 and 6 cylinder engines

Alfa Romeo: 145, 146, 147, 155, 156, 164, 166, GTA, GTV, Spider GT

Fiat/Lancia vehicle with 1.2; 1.4; 1.6;

1.8; 2.0L 4 and 5 cylinder engines

Fiat: Panda, Punto, Palio, Siena, Bravo, Brava, Stilo, Marea, Multipla, Barchetta, Coupe

Lancia: Dedra, Delta, Kappa, Lybra



AT1515**Diesel Timing Kit For BMW, Land Rover, Rover & Mg 2.0/3.0****Introduction:**

Camshaft aligning and flywheel timing tools cover BMW, Land Rover, Rover & MG vehicles fitted with 2.0 and 3.0 chain drive diesel engines, and also include tensioner locking pins.

Application:

This set enables the correct timing to be made when servicing BMW M47 2.0 16 engine.

Model:

BMW: 318d (E46) 20 4D 1 M47 (00-05), 320d (E46) 20 4D 1 M47 (98-02), 330d (E46) 30 6D 1 M57 (99-03), 525d (E39) 25 6D 1 M57 (99-04), 530d (E39) 30 6D 1 M57 (98-03), 730d (E38) 30 6D 1 M57 (98-02), X5 3.0d (E53) 30 6D 1 M57 (00-03)

Land Rover: Freelander TD4 204D3 M47R (00-06), Range Rover TD6 3.0 M57 (02-06)

Rover/MG: 75 CDT/CDTi M47R (99-05), ZT/T 2.0 M47R (01-05)

**AT1312****Timing Kit For BMW, Land Rover & Vauxhall, Opel****Introduction:**

A comprehensive kit designed for setting the camshaft and the crankshaft timing position and suitable for 1.8, 2.0 & 2.5 chain drive diesel engines.

Timing chain compressor, timing chain tensioner locking pins, injection pump sprocket puller, injection pump lever and crankshaft holding tool are also included.

Application:**Model:**

BMW TD/TDS: 318E36 (94-99), 318E36 Compact (95-00), 325E36 (91-99), 525E34 (91-96), 525E39 (95-03), 725E38 (96-02)

Range Rover TD5/P38: 2.5D (94-02)

Vauxhall/Opel D: Omega-B 2.5 (94-01)

Engine Code: 174T1, 256T1, 256D, 25DT, X25DT

**AT1098****Engine Timing Tool Set For BMW****Introduction:**

This comprehensive set of tool enables the correct timing position to be achieved on the both camshaft and crankshaft whilst replacing the timing belt or the chain on the both petrol and diesel engines.

Include a special wrench for controlled turning of the exhaust camshaft sprocket when removing and installing the VANOS unit, and also include the primary timing chain pre-load tool for tensioning the timing chain on M50, M52, M42 and M60 engines.

Application:

M22 Threaded for M42/M60 engine; M26 Threaded for M50/M52 engine



AT1592 Petrol Engine Setting/Locking Kit For BMW N42/N46/N46t 1.8, 2.0 – Chain Drive

Introduction:

Suitable for setting and adjusting the timing on N42 and N46 engines with Valvetronic system. Include the tool to align the twin Vanos unit.



Application:

BMW: 118i E81/82/87/88 (04-12), 120i E81/82/87/88 (04-12), 316ti Compact E46 (01-07), 318i/ti Compact E46 (01-07), 318i E90/91/92/93 (05-12), 320i E90/91/92/93 (05-12), 520i E60/61 (07-10), Z4 2.0 E85/E86 (04-09), X1 sDrive 18i E84 (10-12), X1 xDrive 18i E84 (10-12), X3 2.0 E83 (05-10)

Engine Code: N42/N46/N46T : B18, B18A, B20, B20A, B20B, B20BD, B20BZ, B20Z

AT1674 Engine Timing Tool For BMW MINI 1.6 | 16v | N14, Peugeot | Citroen Ep6dt | Dts

Introduction:

This kit designs to replace the timing chain on N14 engine. The engine is 1.6 turbo charged petrol engine.

The tool designs to allow the camshaft and the crankshaft to be locked in the position to correctly check and set the camshaft timing.



AT1421 Petrol Engine Setting/Locking Kit For BMW Mini, Citroen, Peugeot – Chain Drive

Introduction:

The setting and locking kit is suitable for the timing 1.4 & 1.6 16v Valvetronic direct injection and chain drive petrol engines, fit in BMW Mini, Peugeot and Citroen vehicles.

Application:

BMW Mini:

Mini One R56 (07-10), Cooper R55 (06-10), Clubvan R55 (12-14), Clubman R55 (10-14), Countryman R55 (07-10), Cooper R56 (07-10), Cooper S R55/R56 (06-10), Mini R56/57 (07-15), R58 Coupe (11-15), R59 Roadster (12-15), Countryman R60 (10-16), Clubman R60 (10-14), Clubvan R60 (12-14), Roadster R61 (13-15), Paceman R61 (13-16)

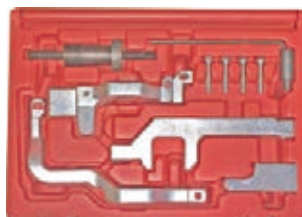
Citroen: C4, C4 Picasso

Peugeot: 207/CC (07-), 208 (12-), 308/CC (07-), 508 (11-), 3008 (09-), 5008 (09-), Partner (09-), RCZ (10-)

Engine Code:

1.4: N12B14, N12B14AB

1.6: EP3 (8FS), EP3C (8FR), EP6 (5FW), EP6C (5FS), EP6CDT (5FV), EP6DT (5FT), EP6DT (5FX), EP6DTS (5FY), N14B16A, N14B16CD, N14B16TO, N14B16CD/TO, N16B16A, N16B16K0, N16B16A/MO, N16B16A/MO, N16B16MO, N16B16U0



AT1473**Engine Timing Tool Set For BMW M42 / M44 / M50 / M52 / M54 / M56****Introduction:**

Installation, removal and timing of the variable camshaft timing unit. Checking and adjusting of the camshaft timing/belt changing.

Easily accessible operates the instruction, including the cross reference to the original part number.

Spare part is optionally available. Clear the arrangement of tool in high quality plastic case with the soft foam insertion.

**Application:**

E30: 318iS 16v Bj. 89-91 (M42)

E34: 518i Bj. 94-96 (M43), 520i Bj. 89-96, 525i Bj. 89-96, 525i Bj. 89-96 Single Vanos

E36: 316i Bj. 93-99, 318iS/Coupe Bj. 92-98, 318i Bj. 93-99 (M43), 318ti compact Bj. 94-98 (M42), 318iS/Coupe Bj. 96-99, 318ti compact Bj. 96-01 (M44), 320i Bj. 98-06 twin Vanos (M52), 323i Compact Bj. 95-01-Single Vanos, 325i bj. 91-97, 325i Bj.91-97 Single Vanos

E38: 328i Bj. 95-99 Single Vanos, 728i Bj. 95-98 Single Vanos, 728i Bj. 98-02 Twin Vanos

E39: 520i Bj. 95-99 Single Vanos, 520i Bj. 98-03 Twin Vanos, 523i Bj. 95-99 Single Vanos, 523i Bj. 98-01 Twin Vanos, 525i Bj. 00-03 Twin Vanos, 528i Bj. 96-00 Single Vanos, 528i Bj. 96-01 Twin Vanos (M52), 530i Bj. 00-03 Twin Vanos

E43: 520i Bj. 89-96 Single Vanos

E46: 316i Bj. 99-04, 316i Compact Bj. 94-01 (M43), 318i Bj. 98-04 (M43), 320i Bj. 98-06 Twin Vanos (M52), 323i Compact Bj. 95-01 Single Vanos, 323i Bj. 98-01 Twin Vanos (M52), 325i Compact Bj. 00-06 Twin Vanos, 328i Bj. 98-01 Twin Vanos, 330i Bj. 00-06 Twin Vanos

E53: X5-3.0i Bj. 99-05 Twin Vanos (M54), Z3-1.8i Bj. 96-99, 1.9i Bj. 99-03 (M43/M44), 2.0i Bj. 99-03 Twin Vanos (M52), 2.2i Bj. 00-03 Twin Vanos (M52), 2.8i Bj. 97-99 Single Vanos, 2.8i Bj. 00-03 Twin Vanos, 3.0i Bj. 00-03 Twin Vanos (M52)

E60/E61: Bj. 03-05 Twin Vanos, 525i Bj. 03-05 Twin Vanos, 530i Bj. 03-05 Twin Vanos

E65/E66: 730i Bj. 02-05 Twin Vanos

E83: X3-2.5i Bj. 03-06 Twin Vanos, X3-3.0i Bj 03-06 Twin Vanos

E85: Z4-2.2i Bj. 03-06 Twin Vanos, 2.5i 03-06 Twin Vanos, 3.0i Bj.03-07 Twin Vanos

AT1395**Fuel & Injection Line Clamp & Stopper Kit****Introduction:**

The engine service kit is for removing/installing the camshaft sprocket and installing the crankshaft pulley on BMW Mini R50/52/53 & Chrysler PT Cruiser 1.6 petrol engines. The kit includes the engine support bracket.

Application:**Model & Engine Code:****BMW Mini:**

1.6 One (01-09) W10B16BA, 1.6 Cooper (01-09) W10B16BA, 1.6 Cooper S (02-09) W11B16AA

Chrysler:

PT Cruiser (01-09) EJD



AT1483**Diesel Engine Timing Tool Kit for BMW/Opel****Introduction:**

Installation and removal of the camshaft / hydraulic chain tensioner. Checking and adjusting of the camshaft timing. Easily accessible operates the instruction, including the cross reference to the original part number. Spare part is optionally available.

Clear the arrangement of tool in high quality plastic case with the soft foam insertion.

Application:**Applicable:**

BMW - M41, M51, M47, M47TU/T2, M57TU/T2 engines and Land Rover - Range Rover, Freelander Locking Tool for Camshaft (M47/M57) 4 Cylinder Diesel Engine (M47), 6 Cylinder Diesel Engine (M57) e.g. in series E46 (318d, 320d, 330d) and E39 (525d, 530d) Retaining Pin for Tensioner - 4 Cylinder Diesel Engine (M41), 6 Cylinder Diesel Engine 2.5 (M51), and also for Opel/Vauxhall Omega 2.5TD Locking Pin (ψ 11.8/ ψ 8) - M21, M40, M41, M42, M43, M43TU, M44, M47, M47TU, M50, M51, M52, M52TU, M54, M60, M62, M70, M73, S50B30, S50B32, S54, S62
Camshaft Alignment Tool - Diesel - 4 Cylinder Diesel Engine M41 in E36 (318TDS), 6 Cylinder Diesel Engine M51 in E36 (325TD/TDS, E34/E39 (525TD/TDS)

Opel: Omega 2.5 TD

Reaction Wrench - 4 Cylinder Diesel Engine M41 in E36 (318TDS),
6 Cylinder Diesel Engine M51 in E36 (325TD/TDS), E34/E39 (525TD/TDS)

Opel: Omega 2.5 TD

Timing Pin (ψ 8 / ψ 8.2 36 mm L) - M47T2 Engine

Timing Pin (ψ 8 / ψ 8.2 30 mm L) - M57T2 Engine

Injection Pump Extractor - M47 Engine

Puller for Injection Pump - 4 Cylinder Diesel Engine (M41), 6 Cylinder Diesel Engine

- 2.5 (M51), and also for Opel/Vauxhall Omega 2.5TD Injection Pump Extractor
M47, M47T2, M47TU, M57, M57TU Engine on BMW 318D, 320D (E46) 1988-2005 and 318TD, 320TD, 525D, 530D, 530, 535 (E60-E61) 2000-2006

**AT1402****Petrol Engine Setting/Locking Kit For BMW N62/N62tu V8 & N73 V12 – Chain Drive****Introduction:**

Suitable for setting and adjusting the timing on BMW 3.6, 4.0, 4.4, 4.8 N62/N62TU V8 and N73 V12 engines. The kit includes camshaft setting plates, crankshaft locking pin and chain pre-tensioning tool.

Application:

BMW: 540i E60/61 (05-10), 545i E60/61 (03-06),
550i E60/61 (05-10), 645i E63/64 (03-06),
650i E63/64 (05-11), 735i E65/66 (02-05), 740i E65/66 (05-08), 745i E65/66 (02-05),
750iE65-66 (05-08), 760i E65/66 (02-08), X5 4.4 E53 (03-07), X5 4.8 E53/E70 (04-10)

Engine Code:

N62/N62TU V8: B36A, B40A, B44A, B48B

N73 V12: B60A



AT1120**Petrol Engine Camshaft/Carrier Removal/ Installation Kit For BMW 1.8, 2.0 N42/N46/N46t – Chain Drive****Introduction:**

Use in conjunction with the model number - petrol engine setting/locking kit - BMW N42/N46/N46T 1.8, 2.0 - chain drive the kit provides the special tool for removal and installation of the camshaft and dismantling/rebuilding the camshaft carrier bracket/ Valvetronic assembly. The essential tool for safe removal of the torsion spring.

**Application:**

Suitable for the following application the camshaft installation and removal as well as removal and installation of the inlet camshaft and the carrier assembly / Valvetronic system.

Easily accessible operates the instruction including the cross reference to the original part number. Spare part is optionally available.

Clear the arrangement of tool in high quality plastic case with foam insertion.

BMW: 118i E81/82/87/88 (04-12), 120i E81/82/87/88 (04-12), 316/ti Compact E46 (01-07), 318/ti Compact E46 (01-07), 318i E90/91/92/93 (05-12), 320i E90/91/92/93 (05-12), 520i E60/61 (07-10), Z4 2.0 E85/86 (04-09), X1 sDrive 18i E84 (10-12), X1 xDrive 18i E84 (10-12), X3 2.0 E83 (05-10)

Engine Code:

N42/N46/N46T: B18, B18A, B20, B20A, B20B, B20BD, B20BZ, B202

AT1413**Petrol Engine Setting/Locking Kit For BMW 1.6 N40/N45/N45t – Chain Drive****Introduction:**

Suitable for setting and adjusting the timing on 1.6 BMW N40, N45 and N45T chain drive petrol engines, and also for aligning VANOS unit on the inlet and the exhaust camshaft setting plates.

**Application:****BMW:**

116 E81/82/87/88(04-09), 316i/ti Compact E46(01-07), 316i E90/91/92/93(05-10)

Engine Code:

N40, N45, N45T - (B16), B16AC

AT1099**Engine Timing Tool Kit For BMW MINI One / Cooper(N14) / Cooper S****Introduction:**

This kit designs to replace the timing chain on N14 engine. The engine is 1.6 turbo charged petrol engine. The tool specifically designs to allow the camshaft and the crankshaft to be locked in the position to correctly check and set the camshaft timing.

**Application:**

Engine timing tool kit for BMW Mini One 2001-2006 (W10B16AA), Mini Cooper 2001-2006 (W10B16BA) and Mini Cooper S 2002-2006 (W11B16AA).

AT1678

Diesel Engine Setting/Locking Kit For BMW/ MINI N47/N57 1.6, 2.0, 3.0 – Chain Drive

Introduction:

The essential tool is for the timing BMW/Mini N47/N57 1.6, 2.0 and 3.0 diesel chain drive engines. The kit includes camshaft setting plate, flywheel locking pin and crankshaft turning tool, and also includes HP pump sprocket retaining tool required during the pump removal/ replacement application.

**Application:****Model:****BMW:**

116d E81/82/87/88 (08-12), 118d E81/82/87/88 (07-14), 120d E81/82/87/88 (07-14), 123d E81/82/87/88 (07-14), 316d E90/91/92/93 (09-12), 318d E90/91/92/93 (07-12), 320d E90/91/92/93 (07-12), 325d E90/91/92/93 (10-14), 330d/xd E90/91/92/93 (08-14), 520d E60/61 (07-10), 525d F10/11 (10-12), 530d F10/11 (10-13), 530dGT F07 (09-12), 535d F10/11(10-12), 535dGT F07 (10-12), 730d/Ld F01/02/04 (08-12), 740d F01/02/04 (09-12), 740d xDrive F01/02/04 (09-12), X1 sDrive 18d E84 (09-12), X1 sDrive 20d E84 (09-12), X1 xDrive 18d E84 (09-14), X1 xDrive 20d E84 (09-12), X1 xDrive 23d E84 (09-12), X3 2.0d E83 (07-10), X3 xDrive 18d E83 (08-10), X3 xDrive 30d E83 (11-12), X5 3.0d E70 (10-12), X5 xDrive 40d E70 (10-13), X6 xDrive 30d E71/72 (10-14), X6 xDrive 40d E71/72 (10-14)

Mini:

Clubman (10-14), Clubvan (12-14), Countryman (10-14), Mini (10-14), Paceman (13-14), Roadster (12-14)

Engine Code:

N47/N47S: C16K1, C16U1, C20K1, C20U1,D20A, D20B, D2000, D20T0, D20U0

N57: D3000, D3001, D30T0, D30U0

AT1687

Petrol Engine Setting/Locking Tool Kit For BMW 2.5, 3.0 N51/N52/N52K/N53/N54 – Chain Drive

Introduction:

Suitable for a wide range of BMW 2.5 & 3.0 chain drive, six cylinder, twin camshaft petrol engine. The kit covers N51/N52/N52K Valvetronic and N53/N54 direct injection engines, and includes Vanos alignment plates for these engines.

**Application:****BMW:**

125i E88 (07-13), 128i E82/88 (07-08), 130i E81/E87 (05-12), 135i/S E82 (07-11), M Coupe (11-12), 323i E90/91/92/93 (04-11), 325i/xi E90/91/92/93 (05-13), 328i/xi E90/91/92/93 (04-08), 330i/xi E90/91/92/93 (04-14), 335i/xi (05-11), 523/Li E60/61, F10/11 (04-11), 525i/Li/xi E60/61 (04-10), 528i/xi E60/61, F10/11 (06-11), 530i/Li/xi E60/61, F10/11 (04-13), 535i/xi E60/61 (06-08), 630i E63/64 (04-11), 730i E65/66, F01/02/04 (04-11), 740i F01/02/04 (08-12), X1 3.0 xDrive25i E84 (10-11), X1 3.0 xDrive28i E84 (09-11), X3 2.5Si E83 (06-10), X3 3.0i/Si E83 (06-10), X3 3.0 xDrive28i F25 (11-13), X5 3.0 Si/xDrive30i E70 (06-10), X6 3.0 xDrive35i E71/72 (08-10), Z4 2.5i/Si E85/86 (05-09), Z4 3.0i/Si E85/86 (05-09), Z4 2.5 sDrive23i E89 (09-11), Z4 3.0 sDrive30i E89 (09-11), Z4 3.0 sDrive 35i/is E89 (09-13)

Engine Code:

N51/N52/N52K/N53/N54

AT1864

Engine Timing Tool For PSA BMW MINI W16D**Introduction:**

BMW Mini and Peugeot & Citroen (PSA) develop a series of the engine as part of an ongoing collaboration.

The W16D diesel engine is developed as part of this collaboration to incorporate the latest technology giving the best performance, economy and emission possible.

This kit has designed to allow the user to replace the timing belt on the engine.

The W16D engine is a twin camshaft 16v engine that the camshaft is driven by the belt, and the another shaft is driven by a transfer chain situated in the head.

Application:**Model:**

BMW Mini: Mini / Mini Clubman

Citroen: C2 / C3 / Xsara Picasso / C4 / C5 MkII / C4 Picasso / Grand Picasso / C5 Mk III / Berlingo Mk III / C3 Picasso

Peugeot: 206 / 206cc / 207 / 1007 / 307 / 207cc / 308 / 308cc / 3008 / 5008 / Partner MK3



AT0309

Diesel Timing Kit For LAND ROVER & MG 2.0/3.0 & Diesel Engine Setting/Locking Kit For BMW/Mini N47/N57 1.6, 2.0, 3.0 – Chain Drive**Application:**

Camshaft Aligning Tool & Camshaft Aligning Tool Clamp & Tensioner Locking Pins & Flywheel Timing Pin & Flywheel Timing Pin ($\psi 8 / \psi 8.2$ 30 mm L)

This set enables the correct timing to be made when servicing BMW M47 2.0 16 engine.

Model:**BMW:**

118d (E87) (04-07), 120d (E87) (04-07), 318d/td Compact E46 (01-05), 318d/td E90/91 (05-08), 320d/td Compact E46 (98-05), 320d/cd E90/91 (05-08), 325d E90/91/92/93 (02-10), 330d/cd E46/90/91/92/93 (99-07), 335d E90/91/92 (06-11), 520d E39/60/61 (00-09), 525d/xd E39/60/61 (00-10), 530d/xd E46/60/61 (98-10), 535d E60/61 (04-10), 635d E63/64 (07-11), 730d/lld E38/65/66 (98-08), X3 2.0d E83 (04-07), X3 3.0d/sd E83 (03-10), X5 3.0d E53/E70 (00-10), X6 3.0d E71/72 (08-10), X6 3.5d E71/72 (08-10)

Land Rover: Freelander TD4 (00-06), Range Rover TD6 (02-06), Rover MG-ZT/T (01-05), Rover 75 CDT/CDTi (99-05)

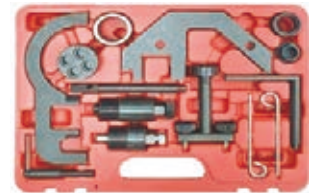
Vauxhall/Opel: Omega - B (01-03)

Diesel Engine Setting/Locking Kit - BMW/ MINI N47/N57 1.6, 2.0, 3.0 - Chain Drive

Model:**BMW:**

116d E81/82/87/88 (08-12), 118d E81/82/87/88 (07-14), 120d E81/82/87/88 (07-14), 123d E81/82/87/88 (07-14), 316d E90/91/92/93 (09-12), 318d E90/91/92/93 (07-12), 320d E90/91/92/93 (07-12), 325d E90/91/92/93 (10-14), 330d/xd E90/91/92/93 (08-14), 520d E60/61 (07-10), 525d F10/11 (10-12), 530d F10/11 (10-13), 530dGT F07 (09-12), 535d F10/11 (10-12), 535dGT F07 (10-12), 730d/Ld F01/02/04 (08-12), 740d F01/02/04 (09-12), 740d xDrive F01/02/04 (09-12), X1 sDrive 18d E84 (09-12), X1 sDrive 20d E84 (09-12), X1 xDrive 18d E84 (09-14), X1 xDrive 20d E84 (09-12), X1 xDrive 23d E84 (09-12), X3 2.0d E83 (07-10), X3 xDrive 18d E83 (08-10), X3 xDrive 30d E83 (11-12), X5 3.0d E70 (10-12), X5 xDrive 40d E70 (10-13), X6 xDrive 30d E71/72 (10-14), X6 xDrive 40d E71/72 (10-14)

Mini: Clubman (10-14), Clubvan (12-14), Countryman (10-14), Mini (10-14), Paceman (13-14), Roadster (12-14)



AT0305**Diesel Engine Setting/Locking Kit For BMW/ Mini N47/N57 1.6, 2.0, 3.0 – Chain Drive****Application:****Model:****BMW:**

114d F20/21 1.6D (12-14), 116d E81/82/87/88 (08-12),
 116d F20/21 2.0D (11-13), 118d E81/82/87/88 2.0D (07-14),
 118d F20/21 2.0D (11-13), 120d 2.0D E81/82/87/88 (07-14),
 120d/xDrive F20/21 2.0D (11-13),
 123d E81/82/87/88 2.0D(07-14), 125D F20/21 2.0D (12-13),
 316d E90/91/92/93 2.0D (09-12), 316d F30/31 2.0D (12-13), 318d E90/91/92/93 2.0D(07-12),
 318d F30/31 2.0D (12-13), 318D F30/31 2.0D (12-13), 320d E90/91/92/93 2.0D (07-12),
 320d/Efficient Dynamics E90/91/92/93 2.0D (10-12), 320d/xDrive F30/31 2.0D (12-13),
 325d E90/91/92/93 3.0D (10-14), 330d E90/91/92/93 3.0D (08-13),
 330d/xd E90/91/92/93 (08-14), 520d E60/61 2.0D (07-10), 520d F10/11 2.0D (10-13),
 520d/Efficient Dynamics F10/11 2.0D (11-13), 520d/xDrive F10/11 2.0D (11-13),
 525d F10/11 3.0D (10-12), 530d F10/11 3.0D (10-13), 530d/xDrive F10/11 3.0D (11-13),
 530dGT F07 (09-12), 530d/xDrive GT F07 3.0D (09-12), 535d F10/11 3.0D (10-12),
 535d/xDrive GT F07 3.0D (10-12), 535d/xDrive F10/11 3.0D (11-13), 535dGT F07 (10-12),
 640d/xDrive F12/13 3.0D (11-13), 730d F01/02/04 3.0D (08-12), 730d/Ld F01/02/04 (08-12),
 730d/xDrive F01/02/04 3.0D (09-12), 740d F01/02/04 (09-12), 740d xDrive F01/02/04 (09-12),
 M550d/xDrive F10/11 3.0D (12-13) X1 E84 2.0D (09-13), X1 F84 2.0D (09-13),
 X1 sDrive 18d E84 (09-12), X1 sDrive 20d E84 (09-12), X1 xDrive 18d E84 (09-14),
 X1 xDrive 20d E84 (09-12), X1 xDrive 23d E84 (09-12), X3 E83 2.0D (07-10), X3 F25 2.0D (11-13),
 X3 F25 3.0D (11-13), X3 xDrive 18d E83 (08-10), X3 xDrive 30d E83 (11-12), X5 E70 3.0D (10-12),
 X5 xDrive 40d E70 (10-13), X6 E71/72 3.0D (10-13), X6 xDrive 30d E71/72 (10-14),
 X6 xDrive 40d E71/72 (10-14)

Mini: Clubman (10-14), Clubvan (12-14), Countryman (10-14), Mini (10-14), Paceman (13-14),
 Roadster (12-14)

Engine Code:

N47/N47S: C16K1, C16U1, C20K1, C20U1, D16, D20A, D20A/OO, D20A/OUO, D20B, D20C,
 D20C/K1, D20C/O1, D20C/U1, D20D/T0, D20D/T1, D20O0, D20O1, D20C/O1,
 D20T0, D20U0, SD20B/D/T0, TD20K1, TD20U1

N57: D30A, D30A/OO, D30B/T0, D30C/S1, D30B/T0, D30O0, D30O1, D30T0, D30T0, D30UO,
 D30U0

**AT1011****BMW Camshaft Alignment Tool****Introduction:**

Suitable for setting the camshaft in the timed position on BMW M43 s.o.h.c. petrol engine.

Application:

- Removes lock the nuts on thermo-Viscous fans found on Ford and BMW many vehicles.
- Made from tempered pressed steel with PVC dipped handle

Model:

BMW: 316i 1.6E36 (93-99), 316i Compact 1.6 E36 (98-01), 316i Compact 1.9 E36 (98-01),
 316i 1.6 E46 (99-02), 318i 1.9 E46 (99-02), 318i 1.8 E46 (94-99), 318i 1.9 E46 (98-01),
 518i 1.8 E34 (94-96), Z3 1.8 E36 (96-99), Z3 1.9 E36 (98-03)



AT1106 Engine Timing Tool – BMW Twin Cam**Introduction:**

For using on the twin cam engine which both camshafts have to be locked in place whilst servicing the camshaft and replacement of the cam belt.

A reduced kit offering the twin camshaft engine timing components without the Vanos locking tool.

Application:

BMW: 316i, 318i, 318i S16v (S30), 318i S | Coupe (E36)
318Ti Compact (E36), 320i 24v (E36), 323i Compact (E36), 325i 24v (E36), 328i (E36),
518i, 520i 24v (E34 | E39), 523i, 525i 24v (E34 | E39), 528i (E39), 728i (E38), Z3 1.9i | 2.8i

**AT1105 BMW (M60/M62) Camshaft Alignment Tool****Introduction:**

Camshaft locking tool for BMW:

3.0, 3.5, 4.0, 4.4, 4.6 ~ 8 cylinder DOHC V32 petrol engines

Crankshaft locking tool for BMW:

3.0, 3.5, 4.0, 4.4, 4.6 ~ 8 cylinder DOHC V32 petrol engines.

Application:

BMW: 530i LCi (E34), 535i (E39), 535i LCi (E39), 730i (E32),
730iL LCi (E32), 730i (E38), 730iL (E38), 540i LCi (E34),
740i LCi (E32), 740iL LCi (E32), 740i (E38), 740i A (E38), 740iL (E38), 840Ci (E31), 735i (E38),
735iL (E38), 540i (E39), 540i (E39)

Engine Code: M60 B30, M60 B40, M62 B35, M62 B44, M62 B46, M62TU B35, M62TU B44

**AT0307 Timing Tool Kit for BMW Mini N13/N18****Applicable:**

BMW N13, N18 engine

Designed for fixing the camshaft in TDC position

To dismantle and assemble intake and exhaust camshaft

Engine no.: 117440,119590,496709,119340

**AT0303 BMW Timing Tool Set (N20, N26)****Introduction:**

The setting and locking kit covers a wide range of BMW 2.0 liter petrol engine. Include the necessary tools for setting and locking the camshaft and the crankshaft, a tool for setting the Vanos unit, and a tool for setting the timing chain pre - tension.

Application:**Model:**

BMW: 1 Series: 125i (12-14); 3 Series: 320i X-Drive (12-14), 328i (12-14), 328i X-Drive(12-14);
5 Series: 520i (11-14), 528i X-drive (11-14); X1: X-Drive 20i (11-14), S-Drive 20i (11-14),
X-Drive 28i (11-14); X3: 20i (11-14), X-Drive 20i (11-14), Z4: S-drive 20i (11-14),
S-drive 28i (11-14)

Engine Code: N20B20A, N20B20, N26B20, N20B20/UO



AT0303A BMW Flywheel Holder**Introduction:**

Special design to fix flywheel when replacing timing chain.

To release & tighten the central bolts on vibration damper

Application:**BMW :**

47T2/M47TU/M57T2/M57TU/M67/N45/N45T/N46/N46T/N51/N52/N53/N54/W17.

**AT1929** BMW Valve Pressure Spring Installer/Remover(N20, N26, N55)**Introduction:**

Special design removes and installs the pressure spring on intermediate lever.

Application:

BMW: N20, N26, N55

BM number: 117110

**AT8292** Crankshaft Locking Tool - BMW N20/N26/N53/N54/N55

1. For vehicles with automatic transmission
2. For locking the crankshaft with the starter ring gear
3. For loosening and tightening the crankshaft bolt
4. For timing chain replacement or engine repair
5. For engine codes :

N20B16A, N20B20, N20B20A, N20B20B, N26B20, N26B20A,
N53B25A, N53B30A, N54B30A, N54B30AA, N55B30A, N55B30M0

**AT1441** Injection Pump Extractor Tool Kit For BMW**Introduction:**

This tool requires when removing the injection pump. To lock the injection pump sprocket in position and to press out the injection pump shaft.

Application:

BMW M47, M47TU, M57, M57TU engines

**AT1899** BMW Fuel Injector Install & Removal Tool**Introduction:**

Special design installs and removes the injector in N55 engine

In order to remove BMW N55 fuel injector from the cylinder head must be utilized. Failure to use the special tool will result in damage to the injector.

Application:

BMW: N55 engine



AT0311 BMW Injector Remover/Installer**Introduction:**

Special design installs and removes the injector in N63 engine.

Application:

BMW: N63 engine

**AT0318** BMW Valve Pressure Spring Remover/ Installer(B38, B48)

1. Specially designed to remove and install the pressure spring on intermediate lever.

2. **Applicable:** BMW B38, B48 engine

3. **BM number:** 2359088

**AT0319** BMW Rear Drive Axle Differential Installer/Remover Set

1. This tool is designed for installing and removing the screw nut between rear drive axle and the differential, also can be used to replace the seal of the differential shaft.

2. **Applicable:** BMW RWD and 4WD series

3. **OEM number:** 335040. 335050.335060. 335080.230020.

**AT1403** Timing Tool Kit for BMW N51/N52**Introduction:**

The setting and locking kit is suitable for a wide range of BMW 2.5 & 3.0 chain drive, six cylinder, twin camshaft petrol engine. The kit covers N51/N52 Valvetronic engine, and includes the Vanos alignment plate for these engines.

Application:

Special design locates the camshaft in the TDC position.

BMW: N51/N52 engine

**CM0146** Front Crankshaft Cover Alignment Tool

1. Ensures the correct alignment of the front lower timing case cover on BMW B37 & B38 engines.

2. It also helps prevent damage to the new seal during fitting.

3. Applications include:

BMW 1 Series, 2 Series, 3 Series, 4 Series, X1, X2, Mini Clubman, Hatch, Countryman.

4. **Engine codes:** B37C, B37D, B38A & B38B.

5. **OEM No.** 2 357 900.



AT1264 Petrol Engine Twin Cam Setting/ Locking Tool Kit For Fiat 1.6 16v**Introduction:**

OXAT1264 includes camshaft setting plate, which locates at the rear of the camshaft to 'lock' in the timed position and the special tensioner adjuster.

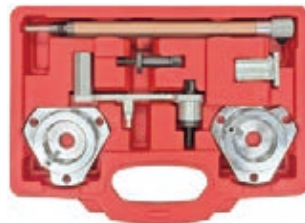
In addition, a flywheel holding tool is required to 'lock' the crankshaft whilst releasing/tightening the crank pulley bolt. The crank pulley must be removed in order to remove the timing belt. The flywheel holding tool is dependent upon

Application:

Fiat 1.6 16v twin cam petrol engine (95-) in:

Fiat: Brava, Bravo, Marea, Marea Weekend, Multipla, Palio, Stilo

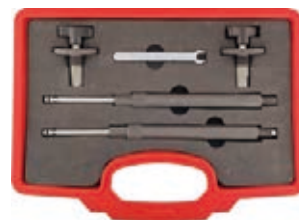
Engine Code: 178B3.000, 182A4.00, 182A6.000 & 182B6.000

**AT1534** Engine Timing Tool For Fiat 1.2 16V**Introduction:**

For using the latest 1.2 16v Fiat engine, including Bravo/Brava/Punto/Stilo with engine code 176 B9 000, 182B2.000 & 188 A5.000.

Application:

To determine the specified piston position and to prevent the camshaft from timing or holding in the position when changing the timing belt or during other engine repair.

**AT1547** Diesel Engine Setting/Locking Set For Fiat/Iveco/Citroen/Peugeot 2.2d, 2.3d Belt And Chain Drive**Introduction:**

Use for the timing 2.2D/3.0D belt and the chain drive engine, including later chain in the head version and usually found in the light commercial vehicle. Feature a water sensor installation socket, crankshaft pulley turning tool, timing cover centering plate, oil pump setting plate as well as camshaft and crankshaft locking tools. The engine is found in Ford Transit.

Application:**Model:**

Citroen: Relay/Jumper III (06-12)

Fiat: Ducato (02-13)

Iveco: Daily (03-10), Daily/Ecodaily (09-11)

Peugeot: Boxer III (06-12)

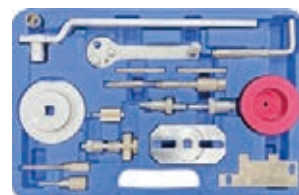
Engine Code:

2.2D HDi Chain: (P22DTE) 4HM, (P22DTE) 4HU, (P22DTE) 4HV

2.3D Belt: F1AE0481A, F1AE0481B, F1AE0481C, F1AE0481D, F1AE0481N, F1AE0481F, F1AE0481FA, F1AE0481G, F1AE0481H, F1AE0481HA, F1AE0481UA, F1AE0481VA, F1AE3481E, F1AE0481R, F1AE0481GA

3.0D Chain: F1CE0481A, F1CE0481B, F1CE0481D, F1CE0481F, F1CE0481H, F1CE3481M, F1CE3481E, F1CE3481N

3.0D HDi Chain: F30DTE (F1CE0481D), F30DTE (F1CE3481DM), F30DTE (F1CE3481N), F1CE3481E



AT1654

Engine Timing Tool For Fiat 1.9 D/Turbo Diesel**Introduction:**

For using on Fiat 1.9D/TD with Peugeot engine:
 Punto 1.9D | Brava | Bravo 1.9D Turbo | Marea
 | Weekend 1.9d Turbo, Punto 1.9 JTD | Brava
 | Bravo 1.9 JTD | Marea | Weekend 2.4 JTD |
 Multipla 1.9 JTD 1996 < Marea 2.4D Turbo |
 Marea Weekend 2.4D Turbo and Alfa Romeo/Fiat
 1.9 PSA derived D and TD engines.



AT1548

Timing Tool Set For Fiat & Alfa Romeo**Introduction:**

This tool kit contains the essential tool is required when replacing the cylinder head gasket, timing the tooth belt, and checking the engine timing on Fiat and Alfa Romeo engines.

Application:**Petrol Engine:**

Fiat: Brava, Bravo, Barchetta, Cargo, Coupe, Marea, Palio, Weekend, Punto, Multipla, Stilo, Idea Doble twin cam engine 1.2, 1.4, 1.6, 1.8 16v

Diesel Engine:

Fiat: Brava, Bravo, Marea/Weekend, Palio, Punto, Multipla, Doblo, Ulysse, Ducato, Stili JTD diesel engine 1.9D/TD, 1.9JTD, 2.4TD/JTD



AT1093

Diesel Engine Setting/Locking Kit 1.7d/ Dt, 1.9d/Dt For Alfa Romeo, Fiat – Chain Drive**Introduction:**

Suitable for the timing belt replacement on 1.7D/DT & 1.9D/TD engines in Alfa Romeo and Fiat vehicles. The kit includes camshaft setting plates and crankshaft locking tool.

Application:**Model:**

Alfa Romeo: 145(94-00), 146(94-00), 155 (93-98)

Fiat: Ducato (87-98), Fiorina (97-01), Punto(96-99), Strada Pickup(99-00), Talento(87-94), Tipo(90-95), Bravo (95-97)

Engine Code:

1.7D: 176B3.000

1.7D Turbo: 146D7.000, 176A3.000, 176A5.000

1.9D: 149B1.000, 160A7.000**, 230A2.000

1.9D Turbo: 336.01*, 675.01*, 160A6.000**, 160B6.046**, 160D1.000**, 230A3.000, 230A4.00, 280A1.000

* from code 1762798

* from 1723291



AT1690 Diesel Engine Setting/Locking Set For Fiat/Iveco/Citroen/Peugeot/Renault/ Vauxhall/Opel – 2.5d/Dt, 2.8d/Tdi/Dci/Hdi/ Jtd – Belt Drive

Introduction:

Kit includes locking pins for 2.5 and 2.8 conventional diesels and later 2.8JTD/HDi variants of this popular van engine. In addition to the injection pump and flywheel locking pins (non-JTD/HDi), the set also includes a tensioner retaining tool which retains the tension plunger in a retracted position during the belt change.



Application:

Citroen: Relay/Jumper (01-02), Relay/Jumper II (02-06)

Fiat: Croma (86-97), Ducato(86-06), Talento (87-94)

Iveco: Daily (91-06), Turbo Daily 2.5, 2.8(91-00)

Peugeot: Boxer(00-02), Boxer II (02-06)

Renault: Mascot (99-07), Master(89-98), Master II (98-01), Traffic (80-00)

Vauxhall/Opel: Arena (97-01), Movano-A (98-03)

AT1663 Diesel Engine Setting/Locking Set For Fiat, Iveco, Citroen, Peugeot – 2.3d, 3.0d Belt/Chain Drive

Introduction:

2.3D diesel engine has a timing belt - the crankshaft to the camshaft sprocket, and the twin camshaft connects by a chain located within the cylinder head at the rear of the engine. 3.0D diesel engine basically utilizes the same timing tool but the chain drive is from the crankshaft to the valve train.



Application:

Model:

Fiat: Ducato (02-11)

Iveco: Daily (03-10), Daily/EcoDaily (09-11)

Citroen: Relay/Jumper III (06-12)

Peugeot: Boxer III (06-12)

AT1683 Petrol Engine Setting/Locking Kit For Fiat, Ford, Lancia 1.2, 1.4 8v Belt Drive

Introduction:

The kit consists of crankshaft locking tool, camshaft setting tool and tensioner adjuster for 1.2 engine, and camshaft sprocket locking tool and the alignment fixture for the camshaft on 1.4 VVT engine.

Application:

Model:

Fiat: 500 (07-12), Doblo/Cargo (05-10)/Grande Punto (07-12)/Idea (04-12), Linea (07-11), Panda EVO2 (05-11), Punto EVO (09-12)

Ford: Ka (09-12)

Lancia: Ypsilon (06-11), Musa (05-12)

Engine Code:

Fiat: 1.2/1.2 Dualogic 169A4.000, 188A4.000 (EVO2 only), 199A4.000 1.4/1.4 Bi
- fuel LPG/1.4 Natural Power CNG 199A7.000, 350A1.000

Ford: 1.2 Duratec 169A4.000 (FP4)

Lancia: 1.4/1.4 Bi - fuel LPG 350A1.000



AT1672**Petrol Engine Setting/Locking Kit For Fiat, Ford, Lancia 1.2 , 1.4 8V – Belt Drive****Introduction:**

The kit consists of camshaft setting tool, crankshaft locking tool and tensioner adjuster for 1.2 engine, camshaft sprocket locking tool and the alignment fixture for the camshaft sensor on 1.4 VVT engine.

Application:**Model:**

Fiat: 500(07-12), Doblo/Cargo (05-10), Grande Punto (07-12), Idea (04-12), Linea (07-11), Panda EVO2 (05-11), Punto EVO (09-12)

Ford: Ka (09-12)

Lancia: Ypsilon (06-11), Musa (05-12)

**AT1287****Setting/Locking Tool Set For Ford Tdci, Mazda D 1.4, 1.6, Psa Hdi****Introduction:**

A special 4 piece kit contains the necessary special pin required to lock the camshaft sprocket and the flywheel; to align the crankshaft fuel pump when checking the valve timing on 2.0 and 2.4 liter chain drive engines and/or replacing the timing belt on 1.4 liter engine.

Application:**Model:**

Citroen: C1 (05-08), C2 (03-08), C3 (02-08), C4/C5 (04-08), Xsara (02-06), Xsara Picasso (04-07), Berlingo (05-08)

Ford: Fiesta/Fusion 1.4 (02-08), Focus/Fusion 1.6 (04-08), Focus/C-Max 1.6 (03-07)

Mazda: 2 (02-07), 3 (04-08)

Peugeot: 107/1007 (05-08), 206 (01-08), 207 (06-08), 307 (01-08), 407 (04-08)

Engine Code:

Citroen/Peugeot: DV4TD 8HT/8HW/8HX/8HZ, DV4TED4 8HV/8HY, DV6TED4 9HY/9HZ, DV6ATED4 9HW/9HX

Ford: F6JA, F6JB, F6JC, G8DA, G8DB, HHDA, HHDB, HHJA, HHJB

Mazda: F6JA, Y6

**AT1282****Engine Timing Tool Set For Ford & Mazda****Introduction:**

The comprehensive kit covers the current Ford 1.4, 1.6, 1.8 and the new 2.0 TDCi diesel giving extensive coverage of the modern Ford belt drive duratorq diesel engines.

Application:**Model:**

Ford: 1.4TDCi, 1.6TDCi, 1.8Di/TDDi/TDCi, 2.0TDCi, Fiesta/Courier, Fusion, Focus/C-Max, Mondeo, S-Max

Mazda: 2, 3



AT1374 Diesel/Petrol Engine Flywheel Locking Tool Set - Ford**Introduction:**

The associated tool uses with a number of Ford setting/locking kit is for locking the crankshaft in the timed position by locating into the flywheel. Suitable for counter - holding the crankshaft when releasing or tightening the crankshaft pulley bolts.

Use on a wide range of Ford engine, particularly 1.8 TDDi/TDCi and 2.0 TDCi diesel, 1.6 Ti-VCT and later 1.25/1.4 16v duratec petrol engines.

Application:

Ford: C-MAX(07-12), Fiesta/Fusion(08-12), Focus(98-12), Focus/C-MAX(03-07), Galaxy(06-12), Grand C-MAX(10-12), Kuga(08-12), Mondeo(07-12), S-MAX(06-12), Tourneo Connect(02-12), Transit Connect(02-12)

**AT1556 Diesel Setting/Locking & Injection Pump Tool Kit 2.0/2.2 & 2.4 Duratorq****Introduction:**

The comprehensive kit for the timing 2.0/2.2 and 2.4 Duratorq chain drive diesel engines.

Include sprocket retaining plate and access cover removal plate, for the injection pump removal/installation.

Prevent the engine shaft (e.g. camshaft, injection pump shaft, crankshaft) to keep in a specific position when changing a timing belt or during other engine repair, and to remove and to replace the injection pump.

Application:**Model:**

Ford: Mondeo 2.0/2.2 TDDi/TDCi (01-07), Transit 2.0/2.2/2.4 TDDi/TDCi (00-08)

Jaguar: X-Type 2.0/2.2 D (03-08)

LDV: Convoy 2.4 TD/TDi (02-06)

**AT1125 Petrol Engine Setting/Locking Kit For Ford 1.6 Vct – Ti****Introduction:**

The kit covers the timing belt replacement on Ford 1.6 duratec engine with the variable valve timing.

Camshaft, crankshaft and flywheel tools are suitable for many other petrol and diesel Ford engines.

Application:

Ford: Focus/C Max 1.6 VCT-Ti (03-09)

Engine Code: HXDA

**AT1169 Engine Timing Tool For Ford 1.8 Tddi/Tdci/ Fiesta/Focus/C – Max/Tourneo/Transit****Introduction:**

The timing tool is for Ford 1.8 TDDi / TDCi from 2000 to 2006 , including Fiesta / Focus / C-MAX / Tourneo/ Transit with the chain drive engine.

Application:

Ford: C-MAX(07-12), Fiesta/Fusion(08-12), Focus(98-12), Focus/C-MAX(03-07), Galaxy(06-12), Grand C-MAX(10-12), Kuga(08-12), Mondeo(07-12), S-MAX(06-12), Tourneo Connect(02-12), Transit Connect(02-12)



AT1648

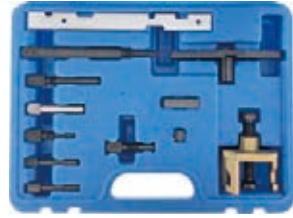
Engine Timing Locking Tool Set For Ford & Mazda**Introduction:**

Design for pulling off the camshaft timing belt wheel and locking or positioning the engine output shafts such as the camshaft and the crankshaft. Require for changing the timing belt or the engine repair.

Application:**Model:**

Ford: 1.8 D/TD/TDCi diesel and 1.25 - 2.0 16v Zetec petrol engines, e.g. Fiesta, Fscore /Oruon, Focus, Puma, Sierra, Mondeo, Cougar, Couier/Kombi, P100

Mazda: 121



AT1464

Petrol Engine Setting/Locking Kit For Ford**Introduction:**

The Kit covers later duratec petrol engine. Include the revised design camshaft setting plate and crank TDC location pin. This kit covers the completed range of Ford Duratec engine 1.25 through to 2.0 16v in the both belt and chain drive variant.

Application:

Ford 1.25, 1.4, 1.6, 1.7, 1.8 & 2.0 twin cam 16v duratec petrol engines (belt & chain) in : Fiesta/Courier, Fusion, Puma, Focus/C-Max, Mondeo, Cougar, S-Max, Galaxy, Tourneo Connect, Transit Connect



AT1376

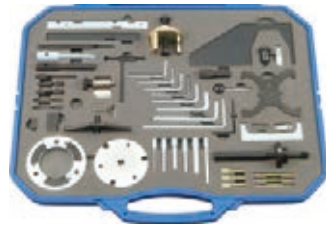
Engine Timing Tool For Ford**Introduction:**

A special 4 piece kit contains the necessary special pin required to lock the camshaft sprocket, flywheel and align the crankshaft and fuel pump when checking the valve timing on 2.0 and 2.4 liter chain drive engines and/or replacing the timing belt on 1.4 liter engine.

An essential engine timing tool kit is for the GM model, it uses with a number of Ford setting/locking kit for locking the crankshaft in the timed position by locating into the flywheel; Suitable for counter - holding the crankshaft when releasing or tightening the crankshaft pulley bolts.

Use on a wide range of Ford engine, particularly 1.8 TDDi/TDCi and 2.0 TDCi diesel, 1.6 Ti-VCT and later 1.25/1.4 16v duratec petrol engines. The comprehensive kit for the timing 2.0/2.2 and 2.4 duratorq chain drive diesel engines, it includes sprocket retaining plate locating pin and accesses cover removal plate tools for the injection pump removal/installation.

Prevent the engine shaft (e.g. camshaft, injection pump shaft, crankshaft) to keep in a specific position when changing a timing belt or during other engine repaired, removed, and replaced the injection pump.



AT1675 Crankshaft Pulley Remover & Installer Set For Ford**Introduction:**

The tool of removal and installation is for the maintenance and the replacement.

Application:**Model:**

Ford: Fiesta/Courier (-02) 1.25/1.4/1.6 16v, Puma 1.4/ 1.6 (-98)/1.7 (-02)16v

Mazda: 121/1.25 16v

**AT1333 Diesel/Petrol Engine Setting/Locking Combination Kit For Ford – Belt/Chain Drive****Introduction:**

The combination kit of setting and locking tool is suitable for a wide range of Ford petrol & diesel engines. Suitable for the engine fits in Land Rover, Mazda, PSA, Suzuki and Volvo vehicles. The kit consists of the camshaft, the crankshaft/flywheel and the tensioner locking tools, and plus camshaft sprocket remover.

Application:

Ford: C-MAX(07-12), Cougar(98-01), Courier(00-02), Fiesta(95-12), Focus(98-12), Focus C-MAX(03-07), Fusion(02-12), Galaxy(06-12), Grand C-MAX(10-12), Kuga(08-12), Maverick(01-07), Mondeo(93-12), Puma(97-02), SMAX(06-12), Tourneo Connect(02-12), Transit(06-11), Transit Connect(02-12)

**AT1887 Setting And Locking Kit For FORD/VOLVO 1.6 Ecoboost Petrol – Belt Drive****Introduction:**

Contain the tool required to set and lock the engine along with tensioner locking pin. Include the time saving crankshaft pulley alignment tool.

Application:**Model:**

Ford: Fiesta (08-15), Focus (04-15), Mondeo (07-15), B-Max (12-15), C-Max (03-15), Grand C-Max (10-15), Tourneo Connect (13-15), Grand Tourneo Connect (13-15), S-Max (10-15), Galaxy (10-15), Kuga (13-15), Transit Connect (13-15)

Volvo: S60 (11-15), S80 (10-15), V40 (10-15), V60 (11-15), V70 (10-15)

Engine Code:

Ford: HXJA, HXJB, RVJA, U5JA, HXDA, HXDB, JJMA, IQDA, IQDB, IQJA, JQDA, JQDB, JQGA, JQMA, JQMB, JTBA, JTBB, JTDA, JTDB, JTWB, KGBA, MUDA, PNBA, PNDA, RHBA, SIDA, XTDA

Volvo: B4164T, B4164T2, B4164T3, B4164T4

**AT0703 Ford, Mazda Rear Camshaft Pulley Installer And Remover**

Special designed to install and remove rear camshaft pulley which connect to the water pump on V6 engine.

Application range : FORD, MAZDA 2.5L ,3.0L ,V6 engine.



AT1900 Crankshaft Holding Tool For Ford**Introduction:**

Hand held crankshaft holding tool with a specially designed head profile which permits access via a deep socket to each of the pulley bolts in turn.

Application:

For using on Mondeo and Transit models with 2.0 | 2.2 | 2.4 | 3.2 duratorq Di | TDDi | TDCi diesel engines (01-) 2.3 duratec petrol HE.

Prevent the crankshaft moving when releasing and tightening the crankshaft pulley fastener.

**AT0503 Engine Timing Tool For Ford 2.2 TDCi Transit****Introduction:**

This kit had developed specifically for the chain drive 2.2 common rail diesel engine fitted in Ford. Transit from around 2006 with the engine number listed below.

The kit consists of the component required to lock the crankshaft and cam sprockets in the timed position to allow the removal and replacement of the cam chain and the associated component.

Application:

Ford Transit: 2.2 TDCi CYFA 2011, 2.2 TDCi CYFB 2011, 2.2 TDCi DRFA 2011, 2.2 TDCi DRFB 2011, 2.2 TDCi P8FA 2006, 2.2 TDCi P8FB 2006, 2.2 TDCi PGFA 2008, 2.2 TDCi PGFB 2008, 2.2 TDCi QVFA 2006, 2.2 TDCi QWFA 2006, 2.2 TDCi SRFA 2008, 2.2 TDCi SRFB 2008, 2.2 TDCi SRFC 2008, 2.2 TDCi SRFD 2008, 2.2 TDCi SRFE 2008, 2.2 TDCi UHFA 2011, 2.2 TDCi Econetic CYFC 2011, 2.2 TDCi Econetic DRFC 2011, 2.2 TDCi HDT USRA 2011

**AT0510 FORD 1.6 VVT Engine Timing Kit****Introduction:**

The kit covers the timing belt replacement on Ford 1.6 duratec engine with the variable valve timing.

The camshaft, the crankshaft and the flywheel pins are also suitable for many other petrol and diesel Ford engines.

Use to lock the camshafts in the timed position when the engine repair or the rebuild requiring the cam pulley to be removed and timed.

For locking the camshaft in the position to allow the variable valve timing pulley to be removed. The kit covers later duratec petrol engine, it include revised design camshaft setting plate and tensioner pulley locking pin, and also covers the completed range of Ford duratec engine 1.25 through 2.0 16v in the both belt and chain drive variant.

Application:

Tensioner Pulley Locking Pin & Crankshaft Locking Tool & Camshaft Sprocket Locking Tool & Flywheel Timing Pin & Camshaft/Crankshaft Pin

Ford: Focus/C Max 1.6 VCT-Ti (03-09)

Engine Code: HXDA



AT0500 Engine Timing Tool For FORD 2.0 EcoBoost**Introduction:**

Develop specifically for the chain drive 2.0 lt. direct injection petrol engine fitted with the variable valve timing.

Contents:

Camshaft Alignment Plate Up to May 2011 (303-1504)
Camshaft Alignment Plate May 2011 Onwards (303-1565)
Crankshaft Position Alignment Pin (303-1521)
Crankshaft Timing Pin (303-748)

**AT0502** Setting/Locking Tool Kit**Introduction:**

Introduced in 2011, Ford 1.0 turbo, 3 cylinder, EcoBoost (SCTi) petrol engine fits in the various car and the light commercial vehicle across Ford range.

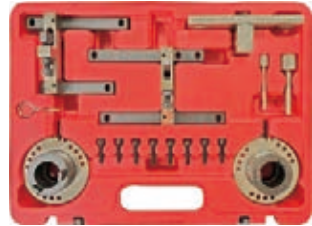
The engine features a wet timing belt (belt in oil) that runs between the crankshaft and the twin camshaft VVT sprocket. The timing belt is a conventional arrangement, the exception is being that the belt encases in the engine and runs in oil in a similar set up as a chain engine.

Application:

1.0 'EcoBoost' 3 cylinder (belt in oil) petrol engine in:

Ford: Fiesta, Ecosport, B-Max, Transit Courier, Focus, Transit Connect, C-Max, Tourneo Connect, Grand C-Max

Engine Code: M1DA, P4JA, XMJA, M1JA, P4JB, XMJB, M2DA, SFJA, M2GA, SFJB

**AT0511** Camshaft Pulley Alignment Pins - Ford 2.0 Diesel**Introduction:**

Camshaft pulley alignment pins Ford 2.0 Diesel DW10F. Designed to lock the belt driven camshaft pulley on the Ford 2.0L Duratorq TDCi engine. In order to avoid twisting of the camshafts, both adjusting pins must be pushed through the openings of the camshaft pulley into the respective alignment holes of the cylinder head.

Applications:

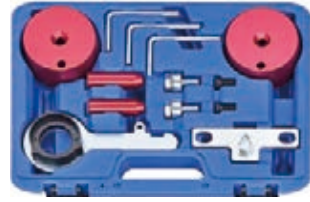
Ford C Max from 2015, Edge from 2015, Focus from 2014, Galaxy from 2015, Grand C-Max from 2015, Kuga from 2014, Mondeo from 2014, S-Max from 2015 with DW10F engine . Designed to lock and hold the camshaft while removing and fitting the high pressure fuel pump in accordance with Ford.

OEM instructions, ensuring the valve timing remains unchange Made up of 303-1667/1 (large diameter pin) and 303-1667/2 (small diameter pin) OEM# 303-1667 (pair)



AT0517 Diesel engine timing tool-FORD 2.0**Applications:**

Ford Transit, Transit Custom and Tourneo Custom with Ecoblue TDCi engines:
AWD, FWD, RWD 2016 onwards
Equivalent to **OEM tools 303-1637, 303-1650, 303-1643**


AT0516 Diesel Engine Setting/Locking & Injection Pump Removal/Installation Kit For Citroen/ Fiat/ Ford/ Jaguar/ Land Rover/ldv/ Peugeot & Fuel Charging And Control – 3.2l Duratorq – Tdci (Puma) Diesel – Fuel Pump
Introduction:

OXAT0516 is from OXAT1556 kit increases the application coverage to include 2.4 TDCi engine from 2006. A change in the diesel pump design on the engine prevents the pump removal using the tool from OXAT1556 kit.

Utilize the existing timing pin, it includes the updated tool for the H.P. pump replacement procedure (H.P. pump sprocket retaining and removal tool), and also includes the additional tool that is required when carrying out the engine timing or the crankshaft seal replacement procedure. The tool is the essential - it helps to ensure that the front crankshaft seal is correctly aligned and will not fail prematurely.



Application: Ford duratorq (puma) 2.0, 2.2, 2.4 & 3.2L diesel engines in:

Model:

Citroen: Relay (06-11), Jumper III

Fiat: Ducato(06-11)

Ford: Mondeo(00-07), Transit(00-11)

Jaguar: X-Type(01-10)

Land Rover: Defender(07-11)

LDV: Convoy(02-06)

Peugeot: Boxer III(06-11)

AT1872 Petrol Engine Setting/Locking Kit For Ford 1.6 Ti – Vct – Belt Drive**Introduction:**

The kit covers the timing belt replacement and the timing adjustment on Ford 1.6 Ti-VCT petrol engine. Include VCT setting plate, flywheel locking tools, crankshaft location pin and tensioner locking pin, and also include the camshaft setting plate for the timing adjustment application.

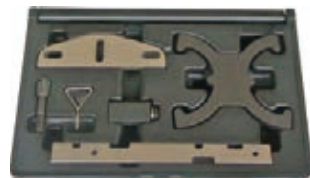
1.6 Ti-VCT petrol engine was first fitted in Focus 2003 and had been since appeared in Fiesta and Mondeo models including FFV variant.

Application:

Ford: C-MAX (07-12), Fiesta (08-12), Focus (04-12), Focus C-MAX (03-07), Grand C-MAX (10-12), Mondeo (07-10)

Engine Code:

1.6 Ti-VCT: HXJA, HXJB, HXDA, IQDA, IQDB, PNBA, PNDA, RHBA, SIDA



AT1303 Engine Timing Tool Set - Ford Focus 1.6TDI

1. For Ford Focus 1.4 /1.6 TDCI chain engines with codes G8DA / G8DB /HNDA 2004-2006
2. Includes camshaft alignment tool, crankshaft alignment tool and crankshaft locking tool

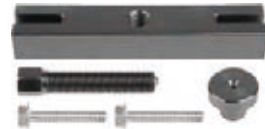
**AT1632 Timing Tool Kit - Ford TDDi/TDCi in 1.8 Fiesta Turbo/Focus/Transit**

1. For Ford TDDi/TDCi 1.8 engine
2. Includes locking strap, flywheel locking tool, TDC setting screw and camshaft sprocket puller
3. **Engine codes:**
C9DC, F9DA/B, C9DA/B, BHDA/BBHPA, HCPA

**CM0089 Crankshaft Pulley Puller (Ford Transit)**

1. The engine uses belt in oil (BIO) technology for both the camshaft and oil pump drive belts
2. Remove the crankshaft pulley for accessing to the timing belt
3. **Application:**

Transit 2016~, Transit Custom 2016~, Transit Custom Kombi 2016~, Tourneo Custom 2016~

**AT0520 Syringe Pump Removal/Installation Tool-For Ford 2.0****Introduction:**

This kit has been designed for the removal and replacement of the high pressure fuel pump from the drive gear for the applications listed. The gear will be maintained in its correctly timed position so that no adjustments to the timing are required when the pump is refitted.

Applications:

Ford Transit, Transit Custom and Tourneo Custom with 2.0lit Ecoblue TDCi **engines:**
AWD, FWD, RWD 2016 onwards

Engine codes: YLFS, YMFS, YNFS, YLF6, YMF6, YNF6, YLR6, YMR6, YNRS

OEM NO.: 303-1635

**AT1163A Diesel Engine Setting/Locking & Injection Pump Tool Kit 2.0d, 2.2d, 2.4d Duratorq – Chain Drive****Introduction:**

The comprehensive kit for the timing 2.0D, 2.2D & 2.4d duratorq chain drive diesel engines fit in Ford, Citroen, Fiat, Jaguar, Land Rover, LDV & Peugeot vehicles.

The kit includes sprocket retaining plates for both early and later types, and access cover removal plate for the injection pump removal/installation.



AT1681 Master Engine Timing Tool Kit**Introduction:**

This master timing tool kit specifically compiles to give a comprehensive range of the engine timing locking tool for the cam belt, the chain and the gear.

Application:

For Honda, Mazda, Daewoo, Hyundai, Subaru
Important kit is for working on the motor, e.g. the timing belt, the general motor setting, and the camshaft.

**AT1688 Honda & Acura Crankshaft And Harmonic Balancer Holder****Introduction:**

Allow the crankshaft pulley and/or the harmonic balancer bolt to be broken loosening. Include the tool necessary to properly counter rotation of the crankshaft pulley/harmonic balancer during removal and installation of the crank bolt.

Secure the pulley in the place does not rotate during removal and installation of the crank bolt. The special design works on Honda and Acura 1990 and the newer model, and Honda Civic 1980 and the newer model.

Application:

Utilizing this fine product allows the technician more easily that replaces the timing belt on most Honda & Acura engines from 1982 to current.

**AT1689 Crankshaft Pulley Holder - Honda**

1. Used to counter-hold the crankshaft pulley when loosening/tightening the retaining bolt
2. For most Honda vehicles fitted with hydraulic PAS
3. Length: 700mm
4. Head Diameter: 50mm

**AT1871 Belt Tensioner Tool Set For Hyundai /Mitsubishi /Proton****Introduction:**

The special tool provides in this set requires for refitting of the automatic tensioner after the timing belt replacement on Hyundai, Mitsubishi and Proton engines.

Application:**Model:**

Hyundai: Lantra/Elantra (91-96), Santa Fe (01-06), Sonata (93-98), Trajet (00-05), Sonata (93-01)

Mitsubishi: 3000GT (93-00), Carisma (96-05), Challenger (98-00), Colt (88-95), Galant (93-03), Grandis (04-10), L200 (97-06), 300 Series (96-05), 400 Series (96-05), Sapporo (81-90), Lancer (89-08), Outlander (03-07), Shogun/Pajero/Montero (91-07), Shogun Pinin/Pajero Pinin (99-06), Montero iO (99-06), Sigma (91-96), Space Gear (95-00), Space Runner (99-04), Space Star (99-06), Space Wagon (92-05)

Proton: Persona/Compact (96-05), Satria (96-05), Wira (96-05)



AT0011 Hyundai/Kia – High Pressure Pump Sprocket Remover

Introduction: Removal of high pressure pump.

OEM Number: 093312A010

Application:

Carens (UN), Ceed (ED), Ceed (JD), Optima (TF), Rio (UB), Soul (AM), Sportage (SL), Sportage (SLE), Venga (YN), Soul (PS), Cee'd JD

Engine Code:

D 1.1 TCI-U2, D 1.4 TCI-U2, D 1.6 TCI-U2, D 1.7 TCI-U2, 1.6 TCI-U2, 1.4 CRDi U2, 1.6 CRDi U2

**AT0015** High Pressure Fuel Pump Tool For Hyundai And Kia

Introduction:

The essential maintenance tool is for removing the high pressure fuel pump sprocket on Hyundai / Kia model.

Application:

Model:

Kia: Sorento BL (2003-2009)

Hyundai: iLoad (2007 – Present)

Engine Code:

Kia: D 2.5 VGT, D 2.5 WGT

Hyundai: D 2.5 TCI-A, D 2.5 TCI-A2

**CM0130** Engine Timing Kit - for Hyundai, Kia 1.6 Diesel

1. Allows the Hyundai & Kia 1.6 AdBlue® diesel engine to be locked in its timed position, when timing belt replacement and engine timing checks are to be accurately performed.
2. Hyundai applications include:
i30 (from 2019), i40 (from 2018), Kona (from 2018), Tuscon (from 2018).
3. Kia applications include:
Ceed (from 2018), Optima (from 2018), ProCeed (from 2019), Sportage (from 2018), Stonic (from 2018), XCeed (from 2019).

**AT0720** Diesel Injector Extractor Pump Sprocket Tool

Introduction:

An easy to use diesel injector removal tool specifically designed to extract the common rail injectors used on the Jaguar & Land Rover 2.7 TDi V6 & 3.6 TDi V8 diesel engines found across the Jaguar and Land Rover ranges.

Applications:

Land Rover Discovery 3, Discovery 4, New Range Rover, Rand Rover Sport.

Jaguar X200, S Type, X250(XF), X350(XJ)

OEM:303-1127



AT1543**Petrol Engine V8 Setting/Locking Tool Kit For Jaguar/Land Rover****Introduction:**

This V8 petrol engine was first introduced by Jaguar in 1997, and it is still in using today. Land Rover started to use later version of the engine in 2005. There have many changes that both engine capacity and component over the years, but the basic procedure is for checking and adjusting the engine timing and dis mantling, and assembling of front end gear, the timing chain, the camshaft, etc., applies across the engine range.

The timing application on the early and the later engines are included in 0XAT1543.

Application:

Land Rover: New Rang Rover(06-09), Range Rover Sport(05-09), Discovery III (05-09)

Jaguar: XJ8 (97-09), XJR (97-09), S-Type (99-08), XF (08-09), XK8 (97-09), XKR (98-09)

**AT1375****Diesel Engine Setting/Locking Kit For Land Rover 2.5d/Td5 – Chain Drive****Introduction:**

The set comprises flywheel locking pin (threaded) and camshaft locking pin to cover the engine timing in Land Rover TD5 engine in Defender and Discovery models.

Application:

The set includes crankshaft and camshaft locking pins for Land Rover with the chain timing engine.

Land Rover 2.5 TD5 Diesel Engine Chain Drive

Land Rover 90 / 110 / 130 Defender and Discovery

**AT1847****Jaguar, Land Rover Discovery, Range Rover Sport 2.7 Tdv6 Timing Tool Locking Setting Kit**

5pcs timing tool kit consisting of flywheel locking equipment and camshaft timing pins for Land Rover Discovery 2.7 TDV6, Range Rover Sport 2.7 TDV6 and Jaguar S Type TDVI with V6 engines with automatic and manual tensioners.

This is a top quality timing tool kit made to highest specifications.

**AT4364****Jaguar/Land Rover (V8) 5.0I Petrol Timing Tool****Introduction:**

The timing tool of the camshaft alignment locks the ring gear.

Tension VVT during the timing procedure A1484-4 to allow the camshaft to be locked.

Application:

X150–XK (10MY), X250–XF (10MY), X351–XJ (10MY)



AT1388 Diesel Injection & HP Pump Remover/Sprocket Retainer - for M47R Land Rover, Rover/MG

1. Removes the diesel pump and retains the pump sprocket in-situ
2. Sprockets/timing chain configuration remains undisturbed, minimizing the level of engine disassembly
3. **Applications:** Land Rover; Freelander (Td4), Rover; 75 2.0D(M47R Engine)



AT3401 Land Rover Fan Clutch Tool Set

Introduction:

Length: 650 mm

Replace fan clutch assembly in Land Rover vehicle.

Long and thin design is for easier working in the narrow space.

Application: Discovery 3, Discovery 4, New Range Rover, Range Rover Sport



AT0706 3pcs Fan wrench for Range Rover

1. Viscous fan wrench set 3pc
2. **Applications:** Land Rover Discovery 3 & 4, New Range Rover, Range Rover Sport (4.2/4.4 petrol and 2.7 TDV6)
3. Use in pairs according to application. Slim fit design to allow for limited under bonnet access
4. Equivalent to OEM 303-1142, 303-1143, 303-1167
5. Length: 650 mm



AT0702 12 PC Land Rover Diesel Engine Timing Tool kit

Description:

New EDC Manual Transmission Timing Pin.

200 TDI 300 TDI & 2.5 Diesel Engines.

Combuted Crankshaft Damper Puller And Fuel Pump Gear Locking Tool.



AT0718 JLR Fuel Pump Locking Tool

1. This product is specially designed to lock the high pressure fuel pump in its timed position and changing the high pressure pump drive belt.
2. **Applicable:**
Jaguar: XF (09-14), XJ (09-14)
Land Rover: Discovery 3 (04-09), Discovery 4 (09-17), Range Rover (12-17), Range Rover Sport (05-17)
3. **Engine Codes:** 3.0D TDV6: 306DT A
4. **JM number:** 310-212.



AT1393 Mercedes Benz (M271) Alignment Tool Kit**Application:****Mercedes Benz (M271)**

(A) - Use for drawing in the timing chain.

Retain the timing chain with the camshaft sprocket in mesh. Make it possible to position the camshaft in the installed position.

(B) - Make it possible to slacken and tighten the bolts attaching the camshaft gear.

(C) - To install the plug into the timing case covering (access to the chain tensioner).

(D) - For unloading the timing chain tensioning device.

Release the timing chain (1). To do this, (D) in the timing case and push back the tensioning rail (2).

(E) - For removal of the crankshaft front gear wheel. Release the timing chain (1).

To do this, insert (B) in the timing case and push back the tensioning rail (2).

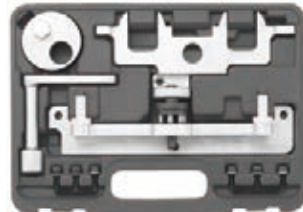
**AT0401 Timing Chain Guide Tool For Mercedes Benz****Introduction:**

Spring protection replaces the timing chain on the sprocket northwest while cranking the engine.

The wave transports sprocket of the camshaft is connected to the correct valve movement while turning the crankshaft to ensure.

The new timing chain can be connected to the old chain and pulled through without the skipping in an unexpected engine.

Application: Mercedes Benz: MC OM 651

**AT1865 Mercedes Benz AMG 156 Timing Tool Kit****Introduction:**

The basic position of the camshaft for a 40 crank angle after top dead center.

Application:

Mercedes Benz: AMG 156 ML 63, AMG S 63L, AMG S 63, AMG R63, AMG L 4 MATIC R63, AMG 4 MATIC E63, AMG CLS 63, AMG CLK 63, AMG CLK 63, AMG Black Series CLK 63, AMG Cabriolet CL 63

**AT0021 Injection Pump Lock Pin - Mercedes Benz Late Models**

1. For locking bosch incline diesel pump in mounting position

2. To be used as oem 601 589 05 21 00

3. Suitable for mercedes 200d / td, 250d / td, 300d / td

3. Engines:

601.912 / 602.912 / 602.962 603.913 / 606.910 / 603.963



AT1063 Timing Tool Kit For Mercedes Benz**Introduction:**

To assist in the timing chain work and to hold the camshaft in 40 degree TDC position (left / right side).

For using on:

C-Class (202) 2.4/2.6/2.8/3.2/4.3 (1998-2000), CLK (208) 3.2/4.3/5.4 (1997-2003), E-Class (210) 2.4/3.0

Application:

Camshaft locking tools and spanner for M112 and M113 chain engines Mercedes Benz:

C-Class 240/280 (202) (98-), C-Class 240/320 (203) (00-), CL 500 (215) (99-07), CLK 320/430 (208) (97-03), CLK 240/320/500/55 AMG (209) (97-), CLS 500/55 AMG (219) (05-), EClass 240/280/320/430 (210) (97-), E-Class 240/320/500/E55 AMG (211) (02-), M-Class ML320/350/430/500/55 AMG (163) (98-), MClass ML500 (164) (05-), S-Class 280/320/350/430/500 (220) ('98-), SL280/320/500 (129) (98-02), SL350/500/55 AMG (230) (02-), SLK 320K (170)(00-04), SLK 55 AMG (171) (04-), R-Class 500 (05-), Viano 3.0/3.2/3.5 (03-), Vito (639) (03-)

**AT0404** Camshaft Timing Tool For Mercedes Benz 1.8/2.1 Cdi**Introduction:**

Specifically design for Mercedes Benz vehicle fits with the chain drive 1.8/2.1 CDi diesel engine (engine code pre-fix 651).

The engine is found across Mercedes Benz range, including A, B, C, E, G, and S Class, and Sprinter, and Vito vans from 2007 to 2015.

The engine is also found in Jeep and Dodge ranges.

**AT1904** Timing Tool Set For Mercedes Benz (M270)**Introduction:**

Specifically design for vehicle fits with the chain drive 1.6/2.0 direct injection petrol engine. The engine is found in the latest A, B, CLA, C and E class vehicles.

Due to the type of construction uses on the engine that camshaft needs to be clamped in the place to allow dismantling and assembly of the cylinder head.

Design to allow removal and assembly of the camshaft.

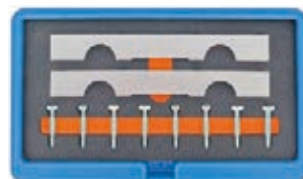
Application: Mercedes Benz: M133 2.0 AMG engine

**AT0405** Diesel Timing Tool Set (M642) For Mercedes Benz**Introduction:**

Special design aligns the camshaft timing angle for the correct position.

OEM Number: 642 589 00 31 00

Application: M642 CDI engine



AT0409

Flywheel Locking Tool - Mercedes BENZ (M133/ M270/ M607/ M651)

1. Used to fix the flywheel gear to remove & install crankshaft pulley center bolt.
2. BENZ OEM no. ref.: 270 589 00 40 00.
3. Application: M133/M270/M607/M651



CM0138

Belt Tensioner Wrench(Mercedes BENZ)

1. Fits For Mercedes Benz M270 Engine.
2. Used to turn the idler and replace the serpentine belt easily, helping you smoothly remove tension when dismantling the V-ribbed belt.
3. Featured top high quality solid steel, constructed with slick black finish and red handle, durable and anti corrosion, repeatedly tested and gradually optimized to ensure its excellent performance and lasting service time.



AT1286

Diesel Engine Setting/Locking Kit For Saab/ Vauxhall/Opel 2.0 Dti, 2.2 Dti, 2.2 Tid – Chain Drive**Introduction:**

The setting/locking kit is for the timing 2.0D and 2.2D Ecotec chain drive diesel engines in Vauxhall/Opel and Saab vehicles. The kit includes camshaft setting tool injection pump locking pin, and timing adjustment fixtures.

Application:**Model:**

Vauxhall/Opel: Astra - G (98-06), Vetra - B (97-02), Vetra - C (02-05), Signum (03-05), Omega - B (98-03), Zafira - A (99-05), Sintra (98-99), Frontera - (98-04)

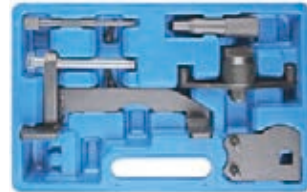
Saab: 9-3 (98-04), 9-5 (02-06)

Engine Code:

2.0D DTi: X20DTH, X20DTL, Y20DTH, Y20DTL

2.2D DTi: X22DTH, Y22DTH, Y22DTR

2.2D TiD: D223L



AT1442

Engine Timing Locking Tool Set**Introduction:**

A comprehensive 16 piece set of engine timing locking tool is for the camshaft, the crankshaft and the flywheel for Citroen/Fiat/Ford/Opel/Peugeot/Renault/Rover/Vauxhall/Volkswagen.



AT1289**Diesel Engine Timing Tool Kit For Vauxhall/ Opel 1.6/1.7d And Isuzu****Introduction:**

The 0XAT1289 kit covers a wide range of GM diesel engine from 1.5TD in Corsa to 3.1TD in Monterey. The kit includes cam setting plate and DTI for Opel 1.6 and 1.7D engines, flywheel TDC setting tool for X17DTL(-96), the superseding locking pin for 97- model, and injection pump locking pin introduced for 98 - engine, and also includes the locking bolts for Isuzu diesel engine.

**Application:**

The engine timing and the timing belt renewal on Vauxhall/Opel 1.6/1.7D diesel engines and Isuzu 1.5/1.7/2.0/2.2/2.3/2.4/2.5/3.0/3.1 engine.

Model:

Opel: Astra, Cavalies, Vectra - A (87-00), Isuzu, Nova, Corsa/Combo, Stra, Cavalier, Vectra, Frontera, Monterey, Midi, Brava(88-04)

Isuzu: 4EC1, 4EE1, 4JB1, 4XJ1, 4JA1, 4JG1, 4FC1, 4FD1, 4FG1, Z17DT, Y17DT/DTL

AT1283**Petrol Setting/Locking Tool Kit For Vauxhall/Opel 2.2 16v Twin Cam****Introduction:**

The kit consists of camshaft setting locking and tensioner locking tools for 2.2 chain drive Vauxhall/Opel engine. The essential tool for the engine timing when carrying out the cylinder head work.

**Application:**

Vauxhall/Opel: Astra-G(00-06), Vectra-B(00-02), Vectra-C/Signum(02-08), VX220/Speedster(00-06), Zafira-A/B(00-08)

AT1357**Diesel Timing Kit For Vauxhall/Opel & Suzuki 1.3 Cdti/D/Ddis****Introduction:**

Suitable for setting the camshaft and the crankshaft on Vauxhall/Opel and Suzuki chain drive 1.3 diesel engines. The set includes a tensioner locking pin. Prevent the engine shafts (e.g. camshaft, crankshaft) from turning or keeping in a specific position, and adjust the timing belt tensioner when changing a timing belt or during other engine repair.

**Application:****Model:**

Vauxhall/Opel: Agila/Corsa/Combo (03-08), Astra - H (05-08), Meriva/Tigra - B (04-08)

Suzuki: Ignis/Wagon R (03-08), Swift (04-08)

AT1358**Twin Cam Locking Set - Vauxhall/Opel EcoTec**

1. Fit Vauxhall/Opel EcoTec petrol engines
2. For timing belt replacement applications.
3. **Applications:** Vauxhall/Opel; EcoTec Petrol Engines
1.4, 1.6, 1.8, 2.0 & 2.2 16v Engines



AT1368 Water Pump Holding Tool For Vauxhall/Opel 2.2 16v**Introduction:**

Water Pump Holding Tool specifically designs for removing and refitting the water pump without disturbing the timing chain on 2.2 16v engine fitted to Astra-G, Vectra-B/C, Zafira-A, Signum and VX220.

Application:**Model:**

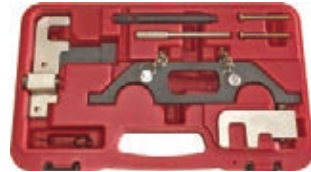
Vauxhall/Opel: Astra - G (00-06), Astra - H (06-11), Signum (03-08), Vectra - B (00-02), Vectra - C (02-08), VX220/Speedster (00-06), Zafira - A (00-05), Zafira - B (05-12)
Fiat: Croma (05-09)

**AT1369 Timing Tool Kit For Renault & Vauxhall/ Opel Engines****Introduction:**

Design to cater for DCi 2.2/2.5 diesel chain, the belt and the gear drive engine found in later Nissan light commercial vehicle.

Application:**Model:**

Renault: Espace 2.2 Dci, Master 2.2 Dci, Master 2.5 Dci
Vauxhall / Opel: Astra-G 2.2, Movano 2.2 DTi AB, Vectra-B 2.2, Zafira 2.2

**AT1500 Engine Timing Tool For OPEL/VAUXHALL/SAAB 1.3 (CHAIN) & 1.9 (BELT) CDTi ENGINES****Introduction:**

This timing tool kit specifically designs for Fiat chain drive engine fitted to Vauxhall/Opel/Saab 1.3 CDTi and 1.9 CDTi belt drive models.

**AT1553 Petrol Engine Setting/Locking & Coolant Pump Kit For Vauxhall/Opel/ Fiat 2.2 16v – Chain Drive****Introduction:**

The kit consists of camshaft locking tool, tensioner locking pin and coolant pump sprocket retainer for 2.2 chain drive Vauxhall/Opel engine, the engine also fits in Fiat model. The essential tool is for the engine timing when carrying out the cylinder head work and the coolant pump replacement.

Application:**Model:**

Vauxhall/Opel: Astra - G (00-06), Astra - H (06-11), Signum (03-08), Vectra - B (00-02), Vectra - C (02-08), VX220/Speedster (00-06), Zafira - A (00-05), Zafira - B (05-12)
Fiat: Croma (05-09)



AT1371 Diesel Engine Setting/Locking Kit For Vauxhall/Opel, Saab 1.9d Cdti/Tid/Ttid, 2.0d Cdti – Belt Drive

Introduction:

Suitable for the timing belt replacement on Vauxhall/Opel and Saab vehicles fitted with 1.9CDTi/TiD engine. The kit contains the camshaft alignment screw, the crankshaft pulley alignment tool and the tensioner pin.

Application:

Model:

Vauxhall/Opel: Astra - H (04-11), Astra - J (10-12), Insignia (08-12), Signum (04-08), Vectra - C (04-08), Zafira - B (05-12)

Saab: 9 - 3 (04-10), 9 - 5 (05-10)



AT1546 26 Pcs Timing Tool Set For OPEL / VAUXHALL (GM)

Introduction:

The kit consists of camshaft locking tool, tensioner locking pins and coolant pump sprocket retainer for 2.2 chain drive Vauxhall/Opel engine, the engine is fitted in Fiat model, the essential tool is for the engine timing when carrying out the cylinder head work and the coolant pump replacement.

Application:

Lock the camshaft and the crankshaft, removal and assembly of the fuel injection pump and the water pump, change the timing belt. Suitable for the identical engine, e.g. Saab, Renault, etc.

Diesel Motor

1.3 CDTi 16v, 1.9 CDTi, 2.0 DTi, 2.2 DTi

Pass end for Z.B.

Agila, Astra, Combo-C, Corsa, Frontera, Omega, Signum, Sintra, Tigra, Vectra, Zafira



AT1549 Timing Tool Set For OPEL/VAUXHALL (GM)

Introduction:

Changing the timing belt and suitable for the identical engine e.g. Saab, Renault, etc.

Locking the camshaft and the crankshaft.

Application:

Diesel engine 1.3CDTi 16v, 1.9CDTi, 2.0DTi, 2.2DTi

For Agila, Combo-C, Corsa, Frontera, Omega, Sintra, Tigra

Petrol engine 1.0 12v / 1.2 16v (since 97) 1.4 / 1.6 / 1.8 / 2.0 / 2.2 16v (since 95)

For Agila, Astra, Corsa, Frontera, Omega, Sintra, Speedster, Tigra, Vectra, Zafira



AT0610 Engine Timing Chain Tool- Vauxhall/Opel 1.0, 1.4 Petrol

Application:

Opel/Vauxhall: Adam, Adam Rocks, Astra-K, Corsa-E(2014-2017)

Engine No.:

1.0: LE1/B10XFL, LE1/B10XFT, LE1/B10XHL

1.4: LV7/B14XE, LE2/B14XHL, LE2/B14XHT

OEM No.: EN-51298, EN-51367, EN-51632



AT1037**Petrol Engine Setting/Locking Kit****For SAAB & VAUXHALL/OPEL 2.5, 2.6, 3.0, 3.2 V6 – BELT DRIVE****Introduction:**

The essential setting/locking tool is for the timing belt replacement on V6 2.5 - 3.2 multi - valve engine in Vauxhall/Opel and Saab models. The kit includes belt guide roller adjuster/socket required during the belt tensioning procedure.

Application:**Model:**

Vauxhall/Opel: Calibra (93-98), Cavailier/Vectra - A (93-95), Omega - B(94-03), Signum (03-05), Sintra (96-99), Vectra - B(92-02), Vectra - C(02-05)

Saab: 900(93-98), 9000(95-97), 9-5(98-03)

**AT1669****Petrol Engine Setting/Locking Kit****For ALFA ROMEO, CHEVROLET, FIAT, SAAB, VAUXHALL/ OPEL****Introduction:**

The kit comprises camshaft setting tools and tensioner locking pin. Suitable for the engine timing application on 1.4, 1.6 and 1.8 twin port engines - belt drive.

Application:**Model:**

Alfa Romeo: 159 (05-10)

Chevrolet: Aveo (08-11), Cruze (09-12), Orlando (11-15), Trax (13-15)

Fiat: Croma (06-11), Stilo (05-08)

Saab: 9-5 (10-12)

Vauxhall/Opel: Astra - G Classic II (03-10), Astra - H Classic (04-11), Astra - J(09-12), Corsa-D (07-14), Insignia (08-12), Meriva - A (06-10), Signum (06-08), Vectra - C (06-08), Zafira - B (05-12), Mokka (12-15)

**AT0711****Engine Timing Tool Kit – Vauxhall/Opel 1.6 Cdi****Introduction:**

This kit provides the essential tools required to set and time the main engine components when replacing the camshaft drive chain.

The new engine design has also meant the need for a new engine timing kit.

In 2013 Opel/Vauxhall launched a new 1.6 ecoFLEX diesel engine across their range.

Application:

VAUXHALL/OPEL: Astra-J/ Meriva-B/Mokka/Zafira-C Toure 1.6 CDi ecoFLEX CDTi (2013-2016)

Engine Code:

LVL/B16DTH/LVM/B16DTL/LVL/B16DTN/LVM/B16DTC/LWQ/B16DTE/LVL/B16LVL/B16DTJ



AT1265 Petrol Engine Setting/Locking Kit FOR VAUXHALL/OPEL/SUZUKI 1.0/1.2/1.4 – CHAIN DRIVE

Introduction:

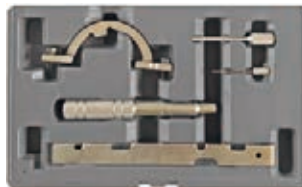
Include the locking tool is for 1.0, 1.2, 1.4 Ecotec/Ecoflex (code X and Z) chain engines, and also includes the timing disc position gauge for the timing sensor on the inlet camshaft.

Application:

Model:

Vauxhall/Opel: Agila (00-08), Astra - G (98-06),
Astra - G Classic II (03-10), Astra - H (04-11),
Combo(04-12), Corsa - B (97-00), Corsa - C (00-07), Corsa - D (06-12),
Meriva-A(04-10), Tigra - B(04-10)

Suzuki: Wagon R(05-08)



AT1867 Engine Timing Tool For VAUXHALL/OPEL

Introduction:

Design to lock the cam and the crankshaft in the position to allow removal and replacement of the timing chain fitted to Vauxhall/Opel twin cam engine.

Application:

Engine 1.0 | 1.2 and 1.4

Adam | Ampera | Astra-J | Aveo | Corsa-D | Insignia |
Meriva-B | Mokka | Zafira-C Tourer



AT1669A Petrol Engine Setting/Locking Kit FOR VAUXHALL/OPEL, CHEVROLET, SAAB, ALFA ROMEO, FIAT – 1.4, 1.6, 1.8 TWIN PORT – BELT DRIVE

Introduction:

The kit comprises camshaft setting plate and timing belt tensioner locking pin. Suitable for the timing application on 1.4, 1.6 and 1.8 twin port petrol engines with the belt drive.

Application:

Model:

Vauxhall/Opel: Astra - G (03-10), Astra - H (04-13),
Astra - J (09-13), Corsa - D (07-13),
Insignia (08-13), Meriva - A (06-10), Signum (06-08), Vectra - C (06-08),
Zafira - B (05-13), Zafira - C Tourer (11-15)

Chevrolet: Aveo (08-13), Cruze (09-12), Orlando (11-15)

Saab: 9-5 (10-12)

Alfa Romeo: 159 (05-10)

Fiat: Croma (06-11), Stilo (05-08)



AT1868

Petrol Engine Setting/Locking Kit For Vauxhall/Opel/Chevrolet 1.0, 1.2 & 1.4 Chain Drive

Introduction:

The setting & locking kit covers a wide range of Vauxhall/Opel and Chevrolet petrol engine. Include the necessary tool for setting and locking the camshaft and crankshaft for locking the timing chain tensioner.

Application:

Vauxhall/Opel/Chevrolet 1.0, 1.2, 1.4 petrol engines (chain) fit to:

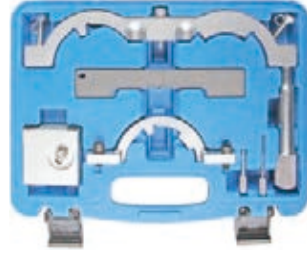
Model:

Cadillac: ELR (2014)

Chevrolet: Aveo (2011-2015), Cruze (2011-2015), Volt (2012-2014), Trax (2013-2015), Orlando (2011-2015)

Holden: Volt (2012-2014)

Vauxhall/Opel: Agila (2000-2003), Agila-B (2008-2010), Adam (2012-2015), Ampera (2011-2015), Corsa-C (2000-2014), Corsa-D (2006-2014), Insignia (2011-2015), Meriva-B (2010-2015), Mokka (2012-2015), Zafira-C Tourer (2012-2015), Cascada (2013-2015), Astra-J (2009-2015)



AT1266

Diesel Engine Locking Kit - Nissan, Renault dCi, Vauxhall/Opel - Belt Drive

1. For timing belt replacement on a wide range of Renault, Nissan & Vauxhall/Opel diesel engines

2. Applications:

Renault: Avantime (05-07), Clio II (01-06), Clio III (05-08), Espace (00-08), Kangoo (00-08), Laguna (99-01), Laguna II (04-07), Master (00-06), Megane (99-03), Megane II (02-08), Modus (04-08), Scenic (99-03), Scenic II (03-08), Trafic (01-08), wingo (07-08),

Nissan: Almera N16 (02-06), Interstar (02-06), Kubistar (03-08), Micra K12 (03-08), Note (06-08), Primastar (02-07), Primera P12 (03-07), Qashqai (08-09),

Vauxhall/Opel: Movano (00-08), Vivaro (01-08)



AT0602

Engine Timing Tool Kit – Vauxhall/Opel, Saab, Chevrolet

Introduction:

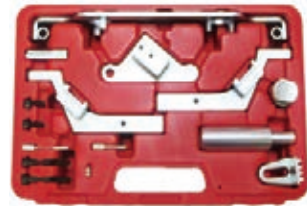
Provides 2.0 liter and 2.4 liter twin cam turbo charged petrol engines found across the GM, Saab and Chevrolet. This tool provides all the components required to set and hold the camshafts, crankshaft and chain tensioner components when performing major engine work or replacing the cam chain and associated components.

Application:

Vauxhall, Opel, Saab and Chevrolet 2008-2015

A comprehensive timing tool kit for the 2.0lt and 2.4lt turbo charged twin cam petrol engines

Engine codes: LHU/A20NFT, LTG/A20NHT, LDK/A20NHT, LE5/LE9, A24XE, A24XF



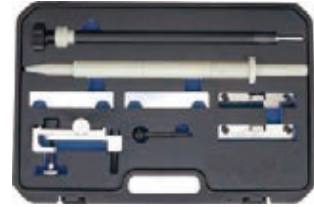
AT1862 Setting & Locking Kit For Porsche 911 & Boxster Chain Drive Petrol Engines

Introduction:

Setting and locking kit is for Porsche 911 and Boxster. Fit the range of Porsche 911 & Boxster series 986 and 996 engines. Some Boxster 987 and 997 series engines will be covered in this kit. Contain the essential tool to set and lock the engine for the timing purpose, and to refit the gauge on pin and cir - clip during reassembly after major engine work.

Application:

Porsche: 911 (97-01), Boxster (97-02)



AT1863 Porsche Cayenne Camshaft Alignment Timing Tool Kit 911

Introduction:

Comprehensive tool kit allows the proper camshaft timing on Porsche 997 series.

This product should be used with 0XAT1862

Application:

Alignment lock camshaft in top dead center so that the cam can be accurately aligned - 996, 997 as of 2005.

Camshaft Alignment Gauge for M97/01

TDC Locating Pin Short for 997

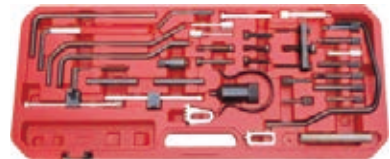
Porsche: 997



AT1263 Engine Timing Tool Set For Citroen & Peugeot

Application:

This comprehensive set of tool enables the correct engine timing to be made when replacing the timing belt. Suitable for using on the most recent cars with either HPi petrol or HDi diesel engines.

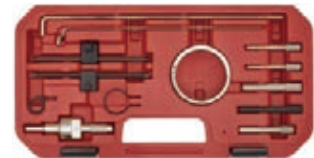


AT1533 Timing Kit For Citroen & Peugeot 1.8 & 2.0

Introduction:

The essential tool is for the timing belt replacement on 1.8 and the petrol "EW code" engines. Feature flywheel/drive plate locking tool, tensioner pulley adjusting and locking tool.

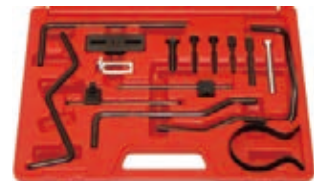
Many of the timing pins are also suitable for other petrol/diesel PSA engine.



AT1686 Timing Tool For Citroen/Peugeot Dw 8 – Dw 10 – Dw 12 (Hdi) Engine

Introduction:

This comprehensive tool kit uses for the correct engine timing when replacing the timing belt. Suitable for using on the most popular cars with the either petrol or diesel engine, as detailed below.



AT1541 Master Timing Tool Kit For Peugeot & Citroen**Introduction:**

This comprehensive set of tool enables the correct engine timing to be made when replacing the timing belt. Suitable for using on the most recent cars with either HPI (petrol) or HDi (diesel) engine.

Application:**Model:**

Citroen: Xsara | Berlingo, Dispatch 1.9D, Xsara | Picasso, Xantia C5 Synergie, Berlingo Dispatch Relay, 2.0 HDi, C4, C5, Evasion | Synergie, 2.0 Turbo, C8, Jumpy | Dispatch

Peugeot: 206 | 206CC, 307 | 307CC, 406 | Coupe, 406 | Coupe, 406 | 607, 407, 607, 806, 807, Expert, 206 306 Expert, Partner, 1.9D

**AT1756** Diesel Injector Puller For Citroen/Peugeot**Introduction:**

The comprehensive set is for removing Citroen/Peugeot 2.0/2.2 HDi fuel injector. Allow the removal of seized injector without the need to remove the cylinder head. Bridge fits perfectly on the cylinder head to prevent the damage to the area surrounding the injector.

**AT0709** Setting & Locking Kit For Peugeot/Citroen 1.0 Vti/1.2 Vti – Belt Drive Petrol Engine**Introduction:**

The setting and locking kit is for 1.0 VTI and 1.2 VTI Peugeot/Citroen three cylinder belt drive petrol engines.

Application:**Model:**

Citroen: C3 III (12-15), DS3 (12-15), C-Elysee (12-15), C4 Cactus (14-15)

Peugeot: 208 (12-15), 2008 (13-15), 308 (13-15)

**CM0028** Timing Tool for PSA

Application: Crossland X 1.2 Turbo 2018-2020

OEM code:

EN-52141, EN-52127-1, EN-52127-2, EN-52588, EN-52112-2, 16 431 900 80

**CM0139** Diesel Pump Sprocket Puller (PSA group)

1. Used to removal of the high pressure fuel pump sprocket on DV6/DLD-416 engine.
2. Suitable for Peugeot, Citroen, Ford, Volvo, Fiat, etc.



AT1394 Petrol Engine Setting/Locking Set For Renault 2.0 16v Ide – Belt Drive**Introduction:**

The set includes the crankshaft locking pin and the camshaft locking plate for the timing belt replacement. Suitable for Renault 2.0 16v IDE twin cam petrol engine found in Laguna II and Megane vehicles.

Application:

Renault: Megane (99-03), Laguna II (01-05),
Laguna 2.0 IDE (2001-2005) / F5R Engine
Include the camshaft setting bar, the TDC crankshaft timing pin

**AT1270** Petrol Engine Setting/Locking Kit For Renault/Nissan/Vauxhall/Opel 1.4, 1.6, 1.8, 2.0 16V**Introduction:**

Suitable for the timing belt replacement on 1.4, 1.6, 1.8 and 2.0 engines fits in Renault vehicle.

This kit of four tools enables the correct engine timing to perform on Renault K4J, K4M & F4P, F4R engines as changing the timing belt.

In addition to the above application coverage on 1.4, 1.6, 1.8 & 2.0 16v petrol engines, the locking pin A and B cover the crankshaft and the camshaft locking for the timing belt replacement on Renault 1.5 K9K diesel engine.

**AT1653A** Petrol Engine Setting/Locking Kit For Renault/Nissan/Vauxhall/Opel 1.4, 1.6, 1.8, 2.0 16v**Introduction:**

This kit of four tools enables the correct engine timing to perform on Renault K4J, K4M, F4P and F4R engines when changing the timing belt.

**AT1653B** Mounting Bracket- Renault

1. Clio III | Scenic/Grand Senic II 1.6 | Laguna II 1.6.
2. **Engine Codes:**
K4M 716/760/761/766/782/800/801/812/813
3. As a new part, can be installed on OXAT1653A,
Renault Timing Tool Set, OEM Tool Code: MOT1750.



AT1150**Engine Camshaft Sprocket Locking Device
For Renault/Nissan/Vauxhall / Opel 1.8, 2.0 16v****Introduction:**

Engine camshaft sprocket locking device updates the timing belt replacement procedure for the engine detailed below. Require the examination of the crankshaft to determine acceptance of the new crank gear with the integral Woodruff key, and release of the camshaft sprocket bolts required that use of the locking device.

**Application:****Model:**

Renault: Clio II (99-06), Clio III/Sport (06-09), Espace/Grand Espace (98-02), Espace/Grand Espace IV (02-10), Laguna (98-01), Laguna II (01-07), Laguna III (07-13), Megane (99-03), Megane II (02-10), Megane III/Sport (08-13), Megane/Scenic (99-00), Scenic/RX4 (99-03), Scenic/Grand Scenic II (03-09), Trafic II (01-11)

Nissan: Primastar X83 (02-11)

Vauxhall/Opel: Vivaro (01-11)

1.8 16v F4P: 720/722/760/770/771/772/773/774/775

2.0 16v F4R: 700/701/712/713/714/715/720/722/730/732/740/741/744/746/762/763/764/765/766/767/770/771/774/776/780/784/786/787/790/792/791/792/794/795/796/797/800/802/810/811/8 20/830/832/867/870/874/886/887/896/897

AT1759**Petrol Engine Setting/Locking Kit
For Renault/Nissan/Vauxhall/Opel 1.4/1.6/1.8/2.0 16v****Introduction:**

The updated kit is suitable for the timing belt replacement on 1.4, 1.6, 1.8 and 2.0 engines fits in Renault vehicle.

The engine requires use of the associated tool, the camshaft sprocket holding tool, to loosen the camshaft sprocket bolts and the timing belt guide roller wrench.

The kit features the updated camshaft setting plate which avoids the camshaft position sensor on later 1.4 and 1.6 engines.

**Application:****Model:**

Renault: Clio II(99-06), Clio III/Sport(05-12), Espace/Grand Espace (98-02), Espace/Grand Espace IV(02-10), Kangoo/Trekka (01-09), Laguna (98-01), Laguna II (01-07), Laguna III (07-10), Megane (99-03), Megane II (02-10), Megane III/Sport (08-13), Megane/Scenic (99-00), Modus (04-08), Modus/Grand Modus II (08-12), Scenic/RX4 (99-03), Scenic/Grand Scenic II (03-09), Trafic II (01-11), Twingo II/Sport (08-12)

Nissan: Kubistar X76 (03-09), Primaster X83 (02-11)

Vauxhall/Opel : Vivaro (01-11)

AT1298**Timing Tool Kit- Renault 1.5, 1.8, 1.9, 2.0 - Belt Drive**

1. Renault 1.5 and 1.9 DCi engines fitted to Laguna, Kangu and Clio models
2. Also Nissan Almera/Kubistar/Micra 1.5 Dci engines
3. Engine code K9K(2002-2010)
4. OEM Codes MOT1489/1054/1430



AT1563**Diesel Engine Setting / Locking Tool Kit****For Renault, Nissan, Vauxhall/Opel 2.0 & 2.3 Dci/ Cdti – M9r/M9t Chain****Introduction:**

Suitable for setting and locking 2.0 & 2.3 DCi/CDTi chain drive engines fit in Renault, Nissan and Vauxhall/Opel models with M9R/M9T engine code.

Application:**Model:**

Nissan: Primastar X83 (06-10),

Qashqai/Qashqai+2 J10 (07-10), X-Trail T31 (07-12)

Renault: Espace/Grand Espace IV (06-10), Kaleos (08-11), Laguna II (05-07), Laguna III (07-12),

Master III (10-12), Mengane II (06-10), Scenic/Grand Scenic II (06-09),

Scenic/Grand Scenic III (09-12), Trafic II (06-12), VelSatis (05-10)

Vauxhall/Opel: Movano-B (10-12), Vivaro (06-12)

**AT1702****Engine Timing Tool For Renault/ Volvo 2.0 16v****Introduction:**

The timing tool set is for Renault 16v engine. Include camshaft setting tool, tensioning tool for the auxiliary drive belt and crankshaft timing pin for Laguna | Safrane 2.0 | 2.5 16v 1996 - 2001 engines.

Application:

Volvo: 1.6/1.8/1.9/2.0/2.3/2.4/2.5 twin cam (belt) petrol engines

**AT1266****Diesel Locking Kit For Renault/Nissan Dci, Vauxhall/Opel Di/Dti/Cdti****Introduction:**

The essential tool for the timing belt replacement on a wide range of Renault, Nissan & Vauxhall/Opel diesel engine.

Application:**Model:**

Renault: Avantime (05-07), Clio II (01-06), Clio III (05-08),

Espace (00-08), Kangoo (00-08), Laguna (99-01),

Laguna II (04-07), Master (00-06),

Megane (99-03), Megane II (02-08),

Modus (04-08), Scenic (99-03), Scenic II (03-08), Trafic (01-08), Twingo (07-08)

Nissan: Almera N16 (02-06), Interstar (02-06), Kubistar (03-08), Micra K12 (03-08), Note (06-08),

Primastar (02-07), Primera P12 (03-07), Qashqai (08-09)

Vauxhall/Opel: Movano (00-08), Vivaro (01-08)

**AT1038****Cam Belt Tensioning Tool - Renault**

- 1. Applications:** Renault Megane II, Scenic II, Grand Scenic II.
- Suitable on K4M and some K4J 1.4/1.6 petrol engines.
- Equivalent to OEM MOT 1368.
- Overall length: 310mm.
- ½" square drive Star T50 (replaceable)



AT1160 RAM Timing Adjustment Set - Renault

1. With adjustable sprocket for pump timing "RAM" (Reglage Angulaire Micrometrique) System
2. Applicable to Renault 1.9 diesels F9Q
3. Does Mitsubishi and Volvo Mitsubishi Models Carisma (97-02) Engines:F8QT (Renault) Volvo Models: S40 (99-00) V40 (99-00)
4. Engines: 1.9TD D4192T2 (F8Q)

**AT1372 Petrol Engine Camshaft Sprocket Holding Tool - Renault 1.4, 1.6 - Belt Drive**

1. Renault 1.4 and 1.6 16v petrol engines require sprockets to be free to turn
2. Hold the camshaft sprocket whilst releasing the centre bolts
3. **Applications:**
Renault; Clio (98-06), Laguna (98-07), Megane (98-08), Scenic (98-08)

**CN4041 Crankshaft Pulley Locking Tool**

1. A bolt on crankshaft pulley holding tool designed to allow the pulley fixing to be undone and tightened without the pulley turning. Designed specifically for the Renault 0.9L and 1.2L petrol engines found in Renault, Dacia and Smart cars.
2. **Applications** include:
Renault Clio (2012 - 2019), Captur (2013 - 2019), Twingo (2016 - 2019), Scenic (2012 - 2018), Megane (2012 - 2018), Kangoo (2012 - 2017) and Kadjar (20015 - 2018).
Smart ForTwo (2014 - 2019) and ForFour (2014 - 2019).
Dacia Duster (2012 - 2019), Logan (2013 - 2020) and Sandero (2013 - 2020).
3. **Engines codes** include: 0.9L H4BT (281.910) petrol and 1.2L H5FT petrol engines.
4. Equivalent to OEM MOT.2054, MOT.2006 and 281589004000.

**AT1285 Diesel Engine Setting/Locking Kit For VAG 2.5 Tdi V6 – Belt Drive****Introduction:**

Suitable for VAG 2.5 V6 diesel engine was first introduced in 1997. Include front end support guides, crankshaft locking pin, camshaft setting plates, injection pump locking pin, tensioner socket and tensioner locking pin.

Application:**Model:**

Audi: A4 (97-09), A6 (97-05), A6 Allroad (00-05), A8 (97-02)

Skoda: Superb (02-08)

VW: Passat (98-05)



AT1262 Engine Timing Tool For VAG**Introduction:**

This new kit of twelve tools requires for petrol and diesel engine service, including the timing belt replacement on the recent model and also older 1.9 D model from 1976.

**AT1222 Camshaft Locking Tool For VAG****Introduction:**

This component part uses for locking the camshaft in the place whilst changing the cam belt. It has OEM number T10016 and T10074 allocated. The essential tool is for VAG petrol engine from 1996 onward.

Application:

Volkswagen /Audi 1.4 / 1.6L petrol engine

Model:

Volkswagen: Lupo, Polo, Golf IV, Bora

Audi: A2

**AT1223 Locking Tool Set For VAG/Ford****Introduction:**

For VAG 1.2D, 1.4D & 1.9D TDi PD (Pumpe Duse) engines with the hydraulic belt tensioner.

The kit includes crankshaft sprocket locking tool (round gear), plus injection pump locking pin and tensioner locking tool.

Crankshaft sprocket Locking Tool is for the round (T10050) at 12 o'clock position.

Application:**Model:**

Audi: A2 (01-06), A3 (01-03), A4 (99-04), A6 (98-05)

Ford: Galaxy (99-06)

Seat: Alhambra (99-10), Arosa (99-05), Leon (00-05), Toledo (00-05)

Skoda: Fabia (00-01), Octavia (00-06), Superb (02-08)

Volkswagen: Beetle (00-11), Bora (98-02), Golf (98-12), Lupo (99-05), Passat (98-02), Polo (99-02), Sharan (99-02)

**AT1391 Petrol Setting/locking Kit For VAG 1.2 3 Cylinder (6v/12v)****Introduction:**

The kit contains camshaft locking clamps, camshaft locking pin, and crankshaft locking pin for the timing 1.2 3 cylinder chain drive engine. The engine is found in Seat, Skoda and Volkswagen vehicles.

Application:**Model:**

Seat: Ibiza/Cordoba (02-08)

Skoda: Fabia (02-07)

Volkswagen: Eos (06-08), Fox (05-08), Polo (02-07)



AT1535 Engine Timing Tool For VW & AUDI**Introduction:**

This new kit of twenty seven tools requires for the petrol and the diesel engine service, including the timing belt replacement on the recent model and also older 1.9D model from 1976.

Application:**Model:**

Audi: A4, A6, A8, Allroad (97-04)

Volkswagen: Passat (98-04)

**AT1065 Engine Timing Locking Tool Set For VW/ AUDI 2.5 TDi V6, AUDI A8 3.3 TDi V8****Application:**

VW - Audi 2.5 TDi V6 and Audi A8 3.3 TDi V8 engines.

Audi V6 petrol and V6 / V8 diesel engines.

**AT1538 Petrol Engine Setting/Locking Kit FoR VAG 1.4, 1.6 Fsi – Chain Drive****Introduction:**

This kit covers VAG 1.4 and 1.6 twin camshaft petrol engines with the direct injection chain drive.

Application:

Volkswagen Audi Group (VAG) 1.4 and 1.6 FSi petrol engines with twin camshaft chain drive fit in:

Model:

Audi: A3 (03-07)

Skoda: Octavia (04-09)

VW: Polo(02-08), Golf (03-09), Golf Plus (05-09), Jetta (06-09), Passat (05-09), Touran (03-09)

**AT1538A Petrol Engine Setting/Locking Kit For VAG 1.2, 1.4 TFSi & 1.4,1.6 FSi – Chain Drive****Introduction:**

The timing kit is suitable for 1.2/1.4 TFSi and 1.4/1.6 FSi engines. The kit contains the essential tool for TDC position tool, camshaft setting plate and tensioner locking pin.

Application:**Model:**

Audi: A1 (10 - 12), A3 (03 - 12)

Seat: Altea/Altea XL (08 - 12), Cordoba/Ibiza (08 - 12), Leon (07 - 12), Toledo (07 - 09)

Skoda: Fabia II (07 - 12), Octavia II (04 - 12), Roomster (06 - 12), Superb II (09 - 12), Yeti (09 - 12)

VW: Caddy (10 - 12), Caddy Maxi (10 - 12), Eos(06 - 12), Golf (03 - 12), Golf Plus (03 - 12),

Jetta (06 - 2), Passat (05 - 11), Polo (02 - 12), Scirocco (08 - 12), Tiguan (07 - 12),

Touran (03 - 12)



AT1538B Petrol Engine Setting/Locking Kit For VAG 1.2/1.4 TFSi, 1.4/1.6 FSi – Chain Drive

Introduction:

The timing kit is suitable for 1.2/1.4 TFSi and 1.4/1.6 FSi engines, it contains the essential tool for TDC positioning tool, camshaft setting plate and tensioner locking pin.

Application:

Model:

Volkswagen: Polo / Golf / Golf Estate / Golf Plus / Jetta / Passat / Eos / Tiguan and Touran

Audi: A3 1.6

Skoda: Fabia II 1.6 / Octavia II and Roomster



AT1542 Timing Locking Tool Set For VAG

Introduction:

The engine timing tool is for Volkswagen/Audi with the chain drive engine.

Application:

The timing tool is for Audi / Volkswagen / Seat / Skoda 1.6/1.8/2.0L with the chain drive engine.

Audi: A3 1.6 FSi (03-07)



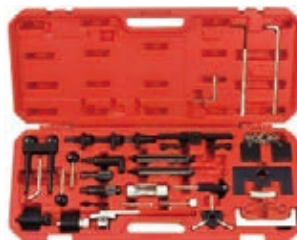
AT1537 Engine Timing Tool For Vw & Audi W/ 4 Groove And Alu Finish

Introduction:

This new kit of twenty eight tools requires for the petrol and the diesel engine service, including the timing belt replacement on the recent model and also older 1.9D model from 1976. Supplied with 2pce of "long type" Support Guides (OEM Code: 3369).

Applications:

- for 1,9/2,0 ltr. unit injector drive
- 1,9 ltr. TDI (normal diesel)
- 2,5 ltr. V6-TDI (no gasoline)
- 3,3 ltr. V8-TDI (no gasoline)
- 1,2 ltr. 3-cylinder and 1,4/1,6 ltr. gasoline engine



AT1068 Engine Timing Tool For VAG 2.0L TDi PD DOHC

Introduction:

The timing tool set is for VAG 2.0 Liter TDi PD DOHC engine fitted to Audi A4/A6, Skoda Octavia II and Volkswagen Golf, Golf Plus, Jetta, Passat and Touran models, and it is also found on Ford Galaxy model with ASZ and ASZ1 VAG engines. The set includes Crankshaft Setting Tool for the round (T10050) sprocket at 12 o'clock position and the oval sprocket (T10100) at 1 o'clock position.

Application:

Model:

Audi: A4, A6

Skoda: Octavia II

Volkswagen: Golf | Golf Plus, Jetta, Passat, Touran



AT1233**Petrol Engine Camshaft Setting Plate - VAG 2.3, 2.8, 2.9 - Chain Drive**

Applications on VAG 2.3, 2.8 and 2.9 chain drive engines in VW, Seat & Ford models

AT1233A - Metal sheet with nickel plated

AT1233B - Plastic

**AT1122****Timing Belt Double For Pin Wrench****Introduction:**

Use to adjust the belt tensioner on 1999 and later VW Golf, Jetta, Passat, and VW Beetle 1999 - 2003 with 2.0L petrol engine and 1.9L TDi diesel engine.

Application:

The special wrench is for adjusting the belt tensioner on the following:

Model:

Audi: A6 1.6 (96 and newer) ALZ

Volkswagen: Polo Classic, Golf, Bora, New Beetle 1.6 (97-) AEH / AKL / APF / AUR / AVU / AYD Golf, Bora, New Beetle, 2.0 (98 -) AQY / APK

**AT1090****3 Pcs Timing Belt Double Pin Wrench Tool Set For VAG****Introduction:**

The belt tensioner roller has two holes which the two pins of the double pin Matra V.159, VAG 3387, T10020 are inserted to turn the belt tensioner roller and tension the timing belt.

Application:**Model:****Diesel**

Audi: 80, 100, A3, A4, A6 1.9 Turbo D, 1.9TDi, 2.5TDi, A3, A4, A6 2.0TDi, A2, A3, A4, A6, 1.2TDi, 1.4TDi, 1.9TDi (99 on)

Ford: Galaxy 1.9TD,

Seat: Ibiza/Cordoba, Toledo, Leon, Alhambra, Inca 1.7SDi, 1.9D/TD/SDi/TDi

Skoda: Felicia, Octavia 1.9 D/TDi

Volkswagen: Polo, Polo Classic, Golf, Jetta, Vento, Bora, Beetle, Passat, Sharan, Caddy and Transporter 1.5D, 1.6D / Turbo, 1.7D/SDi, 1.9SDi/TDi, Golf Passat 2.0TDi

Petrol

Audi: 80,100, A3, A4, A6 1.6, 1.8 / Turbo, 2.0, 2.0 16v, A3, A4 1.6 (96 on)

Seat: Ibiza/Cordoba, Toledo, Alhambra, Inca 1.6, 1.8, 1.8 16v, 2.0, 2.0 16v, Ibiza/Cordoba, Leon, Toledo 1.6 (99 on), Alhambra 2.0 (00 on)

Skoda: Octavia 1.6 (97 on), 2.0 (99 on)

Volkswagen: Classic Polo, Scirocco, Corrado, Golf, Jetta, Vento, Passat, Sharan, Transporter 1.6, 1.8 / Turbo, 1.8 16v, 2.0, 2.0 16v, Golf, Bora, Polo Classic, Beetle 1.6 (97 on), 2.0 (99 on)



AT1657 Support Guide Set For VAG**Introduction:**

Access the tight in the engine bay, Volkswagen Audi Group designs the front end of certain vehicle to slide forward giving more room for the cam belt and the engine timing service.

The tool uses through the front panel to slide forward and hold in the service position.

Application:

Three sizes are available 17mm x 2(OEM:3369). The set is the popular on many engines.

8mm x 2 (OEM:3411). The set is the popular on Passat 1.9 TDi PD and 1.6/2.0, and Sharan 1.9 TDi PD.

10mm x 2 recently introduced on some of the later model.

Model:

Audi: A4, A5, A6, A8

VW: Passat

**AT1126** Crankshaft Pulley Puller

1. Crankshaft Pulley Puller for VW-Audi 4 and 5 Cylinder engines
2. Remove the front pulley from the crankshaft

**T1144** Diesel/Petrol Engine Setting/Locking Master Kit For VAG – Belt And Chain Drive**Introduction:**

The comprehensive setting/locking combination kit is for 1.2, 1.4, 1.6, 1.7, 1.8, 1.9, 2.0, 2.5 diesel and petrol engines fitted to Audi, Seat, Skoda and VW vehicles. Include service position, support guides, requires for the application on some VAG vehicles.

Application:**Model:**

Audi: 80 (91-96), A2 (00-06), A3 (96-12), A4 (94-09), A6 (94-05), A6 Allroad (00-05), A8 (97-02), S3 (99-03), TT (98-06)

Seat: Alhambra (96-10), Altea/Altea XL (04-12), Arosa (98-05), Cordoba (93-09), Exeo (09-10), Ibiza (93-15), Inca (95-04), Leon (99-13), Toledo (94-09)

Skoda: Fabia (99-07), Fabia II (07-12), Octavia/Octavia Tour (96-10), Octavia II (04-12), Roomster (06-12), Superb (02-08)

Volkswagen: Beetle (98-11), Bora (97-05), Caddy/Pick Up (95-14), Fox (05-12), Golf (93-12), Golf Plus (05-12), Jetta (05-11), Lupo (98-05), Passat (96-10), Polo (98-12), Sharan (95-10), Touran (03-10), Transpoter (90-13), Vento (94-98)

Ford: Galaxy (95-06)



AT1138

Engine Timing Tool Set For Volkswagen 2.4/2.5 Tdi**Introduction:**

The set of the engine timing locking tool is for using on Volkswagen Transporter 2.4D (95-03) with engine code AAB, AJA (02/95-03).

Application:

Volkswagen Diesel, Transporter 2.4D(AAB | AJA),
Transporter 2.5 Tdi (ACV | AHY | AJT | AUF | AXG | AXL | AYC)



AT1084

Petrol Engine For VAG 1.8/1.8T, 2.0 FSi/ TFSi/TSi, 2.0 S/R Belt Replacement Chain In Head Service Kit**Introduction:**

Suitable for the belt tensioning huge range of VAG 1.8/1.8T, 2.0 FSi/TFSi twin camshaft engines. The belt drive engine has a chain in head to connect two camshafts. The kit includes the tool for servicing the chain in head and establishing the correct valve/camshaft timing.

Application:**Model:**

Audi: A3 (96-09), A4 (94-08), A6 (95-11), S3 (99-08), TT (98-12)
Seat: Alhambra (97-10), Altea/Altea XL (06-09), Cordoba (99-02), Exeo (09-10), Ibiza (99-02), Leon (99-12), Toledo (99-09)
Skoda: Octavia/Octavia Tour (98-10), Octavia II (04-09)
Volkswagen: Beetle (99-11), Bora (97-04), Eos (06-10), Golf (97-12), Golf Plus (05-09), Jetta (05-09), Passat (96-10), Scirocco (09-12), Sharan (97-10), Touran (03-09)



AT1622

Diesel Engine Setting/Locking & Hp Pump Removal/Installation Kit For VAG 2.7/3.0 TDi V6 & 4.0/4.2 TDi V8**Introduction:**

This range of the quad cam engine has 4 chains, 4 tensioners, linking the oil pump, the crankshaft, the camshaft and the balance shaft together. The chain system is located at the rear of the engine (gearbox end). The high pressure diesel pump is driven by using a toothed belt from one of the camshafts.

Application:

VAG 2.7/3.0 TDi V6 and 4.0/4.2 TDi V8 chain drive diesel engines.

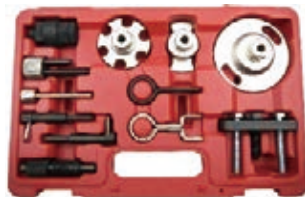
Model:

Audi: A4, A5, A6, A6 Allroad, A8, Q5, Q7

Volkswagen: Phaeton, Touareg

V6 Engine Code: ASB, BKN, BKS, BMK, BMZ, BNG, BPP, BSG, BUG, BUN, CAMA, CAMB, CANA, CANB, CANC, CAND, CAPA, CARA, CARB, CASA, CASB, CASC, CATA, CCMA, CCWA, CCWB, CDYA, CDYB, CDYC, CEXA, CGKA and CGKB

V8 Engine Code: ASE, BTR, BVN, CCFA



AT1760 Timing Tool Kit For VAG 1.6 /2.0 TDi CR**Introduction:**

This kit designs to fit the newest common rail diesel engine which is significantly different from the older PD engine.

The CR engine combines the belt and the gear drive by using a toothed belt to transfer the drive from the crankshaft to one of the cam shafts, use the gear to transfer the drive from one cam to the other.

Application:**Model:**

Audi : A3 | A4 | A6 | Q5

Seat : Exeo

Volkswagen : Golf / Golf Plus, Tiguan, Passat, Eos

**AT1123** Diesel Engine Setting / Locking Kit For VAG Pump Duse Engine – Belt Drive**Introduction:**

The comprehensive kit covers the engine timing and the belt replacement on VAG 1.2 to 2.0 TDi Pumpe Duse and 1.2, 1.6, 2.0 TDi common rail diesel engines and also covers the engine fitted in Ford, Dodge and Mitsubishi models.

The kit contains crankshaft locking tools for the both oval and round gears, camshaft locking pins and tensioner adjusters.

Application:**Model:**

Audi : A1 (10-12), A2 (01-06), A3 (01-12), A4/Allroad (99-12), A5 (08-12), A6/Allroad (98-11), TT (08-10), Q5 (08-12)

Dodge : Caliber (06-11)

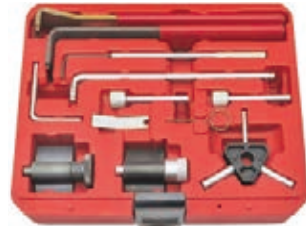
Ford : Galaxy (99-06)

Mitsubishi: Grandis (05-10), Lancer (05-10), Outlander (07-10)

Seat : Alhambra (99-10), Altea (04-12), Altea XL (04-12), Arosa (99-05), Cordoba (02-09), Ibiza (02-10), Leon (00-12), Toledo (04-11)

Skoda : Fabia (00-07), Fabia II (07-12), Octavia (00-10), Octavia II (04-12), Roomster (07-12), Superb (02-08), Superb II (08-12), Yeti (09-12)

Volkswagen: Amarok (10-12), Beetle (00-11), Bora (98-08), Caddy/Maxi (03-12), Eos (06-10), Fox (05-11), Golf (98-12), Golf Plus(05-12), Jetta(05-11), Lupo(99-05), Passat/CC (98-12), Polo(99-12), Scirocco(08-12), Sharan (99-10), Tiguan (07-12), Touran (03-12), Transporter (03-12)

**AT1238** Camshaft Locking Tool - VW 1.9 Tdi.

1. For VW's
2. Alignment with 2 ground shoulder screws
3. Knob/handle is incorporated in the tool with precision alignment
4. Used on 1.9 TDI engines
5. OEM Ref. T20038/3418
6. Use on Seat Cordoba/Ibiza/Inca/Leon/Toledo (1999-2006)



AT1621

Engine Locking Kit For Volkswagen/ Audi 2.7/3.0**Introduction:**

This kit specifically designs to suit the popular 2.7/3.0 TDi and TDi CR (Common Rail) chain drive diesel engines found in VAG range.

Application:

This kit includes the special adaptor for turning and aligning the crankshaft with the cylinder head.

Specifically design is for servicing V6, 4 valves, the common rail diesel engine, and the chain drive engine.

Model:

Audi: A4 2.7 TDi with engine code BPP (05-09); A4 Quattro 2.0 TDi with engine code BMZ(05-06)
Q7 3.0 TDi with engine code BUG, BUN(06-09)

Volkswagen: Touareg 3.0 V6 (08-); Phaeton 3.0 V6 TDi (06-)



AT1913

Engine Adjustment Tool Kit for VAG 1.2 TFSi**Introduction:**

Contain one camshaft setting tool device and one crankshaft locking pin fixed the mandrel.

For adjusting the timing, e.g. during replacement of the timing chain or during the engine repair.

Application:

For 1.2 TFSi engine from 0.8 with the timing chain from VAG engine

Engine Code: CBZA, CBZB, CBZC



AT1459

Timing Tensioner & Valve Timing Tools - VAG 1.8/T

1. Covering huge range of VAG 1.8 & 1.8T "Chain in Head" engines
2. Fitted in numerous Audi, Seat, Skoda and VW models
3. Covers timing belt automatic tensioner and valve timing - camshaft rear sprockets/chain.

4. Applications:

Audi; A3, S3, A4, A6, TT,

Seat; Ibiza, Cordoba, Leon, Toledo, Alhambra,

Skoda; Octavia,

VW; Beetle, Bora, Golf, Passat



AT1467

Diesel Engine Setting/Locking Kit For VOLKSWAGEN 2.5 TDi – Pumpe Duse – Gear Drive**Introduction:**

Suitable for the timing gear drive engine which the camshaft, the crankshaft and the auxiliary shaft use by a series of the inter-meshed cogs.

Application:

VAG 2.5 TDi Pumpe Duse diesel engine (gear) in:

Volkswagen: Transport (03-08), Touareg (03-08), Multivan(04-08)

Engine codes: AXD, AXE, BAC, BLJ, BLK, BNZ, BPC, BPD and BPE engines.



AT1840 Camshaft Locking Tool For Porsche/ Vw – V6 3.2l/W12 6.0**Introduction:**

To block the camshaft with respected to upper dead point (U.D.P.) of cylinder number 1.
Place the distributor point placement adjustment tool in the groove that the camshaft has at the end.

Application:

Use to set the camshaft position relative to TDC when reassembling the cylinder head application.

Model:

VW: Golf, Jetta, GTI, Passat 2002-2005, Golf 1998, Bora 1999, Passat 1997, Sharan 1996, Touareg 2003, Phaeton 2003, Transporter 1991

Audi: A8 1994, TT 1999

OEM code: T10068A

**AT1841** Camshaft CMP Setting Tool For AUDI V8 4.2L**Introduction:**

This tool set includes:

Two camshaft alignment fixtures secure and maintain the TDC timing alignment that the cam belt is serviced or removed for other front engine or the cylinder head service task.

Application:

Audi A4 2001, Audi A6 1998, 8-cyl. engine

For locking the camshaft when checking the valve timing 4.2L 40 valves (5 valves per cylinder) V8 engine (engine code: BAS, BBD, BHF, BNK, BFM, BGK)

Audi: B6 S4, B7 S4, A6, A8

OEM code: T40046

**AT1841A** Camshaft Timing Cmp Setting Tool For AUDI V8 4.2L**Introduction:**

This tool set includes:

Two camshaft alignment fixtures secure and maintain the proper alignment of the hall effect sensor rotor which are mounted to the intake camshaft.

Application:

Audi A4 2001, Audi A6 1998, 8 cyl. engine

For installing the hall sender screen 4.2L 40 valves (5 valves per cylinder) V8 engine (engine code: BAS, BBD, BHF, BNK, BFM, BGK)

Audi: B6 S4, B7 S4, A6, A8

OEM code: T40047



AT1842 Timing Tool Kit For AUDI A4/A6/A8 2.4/3.2 FSi Chain Engine**Introduction:**

A timing tool kit is for the latest Audi with FSi chain drive engine.

Application:

Contain the important tool, e.g. for following work on Audi with 2.4L/3.2L FSi V6, V8, V10 petrol engines.

- For locking the cam and the crankshaft
- For fixing the chain tensioning unit
- For replacing the timing chain
- For adjusting the timing during the engine repair

Suitable for: Audi A4, A6 model series B7 and C6

**AT1297** Diesel/Petrol Camshaft Sprocket Remover - VAG

1. Remove camshaft sprockets with 5 and 6 spokes from Audi, Skoda and VW vehicles
2. Features ball end thrust screw to reduce damage to camshaft bolt

3. Applications:**Diesel:**

Skoda; Octavia 1.9 SDi (97-05),
Octavia 1.9TDi (96-06),

VW; Beetle 1.9 TDi (97-05), Beetle 1.9 TDi(97-05),
Bora 1.9 SDi/TDi (97-05),Caddy 1.9 SDi/TDi (97-05),
Golf 1.9 SDi/TDi (97-05), Passat 2.5 V6 TDi (98-05), Polo 1.9 SDi/Tdi (97-05)

Petrol:

Audi; A4 2.4, 2.8 V6(97-06), RS4 2.7 V6 Turbo(97-06), S4 2.7 V6 Turbo(97-06),
A6 2.4, 2.7, 2.8 V6(97-06), A6 4.2 V8 (99-05),S6 4.2 V8 (99-05), A8 2.8 V6(97-06),
Allroad 2.7 V6 Turbo (97-06)

**AT1915** VW/AUDI 2.0L Turbo Timing Set**Introduction:**

The kit consists of 6 main components which includes the tool recommended by the manufacturer to set No.1 cylinder at TDC.

It is important that the correct process is followed when setting up the engine.

Application:

VW/Audi 2.0L Turbo Timing Set is applicable to VW and Audi vehicles with a 2.0L (turbo) engine

A T10355: Use for counter - holding the vibration damper when loosening or tightening the center bolt of the crankshaft

B T10368: Use removing and installing the lower timing chain cover

C T40196: Use for sliding pieces on the camshaft on 2.0L 4v turbo engine

D T40267: Locking clip for the chain tensioner

E T40271: Use to lock the camshaft sprocket in TDC position when installing the timing chain

F T10352: Use for removal and installation of 7/3 way the central valve for the camshaft adjustment. Comparable to factory tool number T10352 and T10352/1.



AT0007 Engine Timing Tool For VW/SKODA/SEAT**Introduction:**

This 1.0 MPI 3 cylinder engine was introduced in Volkswagen up to 2011, Seat Mii 2012, and Skoda Citigo. It is a 3 cylinder twin camshaft unit, equipped with variable valve timing (VVT) on the tri-lobed inlet camshaft sprocket with a conventional timing belt drive system.

Lock the camshaft when checking and adjusting the timing. The special tool for simple insertion of the camshaft fits when checking the valve timing.

Application: For checking and adjusting the motor control period, 1.0 (3 cylinder) petrol engine in:

Model:

Seat: Mii from Bj. 2011

Skoda: Citigo

Volkswagen: Up!

1.0 Petrol Engine: CHYA, CHYB, CPGA

Type /Model: Audi A3 2013 >, Golf 2013 >, Octavia 2013 >, Leon 2013 >

Assembly Group: 4 cylinder injection engine (1.4 L direct injection engine, turbo charger)
4 cylinder injection engine (1.2 L direct injection engine, turbo charger)

**AT0009 Engine Timing Tool For VAG 1.8/2.0 4v TFSi Chain Engine & 2.0l Turbo Timing Set****Introduction:**

The kit consists of 11 main components which includes the tool recommended by the manufacturer to set No.1 cylinder at TDC.

It is important that the correct process is followed when setting up the engine.

Application:

2.0L turbo timing set is applicable to VAG vehicle with a 2.0L (turbo) engine

T10355: Use for counter-holding the vibration damper when loosening or tightening the center bolt of the crankshaft

T10368: Use removing and installing the lower timing chain cover

T40196: Use for the sliding pieces on the camshaft on 2.0L 4v turbo engine

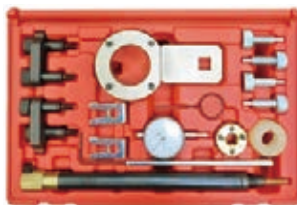
Model:

Audi : A4 (1.8), A4 Quattro (1.8, 2.0), A5 Coupe/Cabriolet (1.8,2.0), A5 Sportback (1.8,2.0), A6 (2.0), Q3 (2.0), Q5 (2.0), TT (1.8,2.0)

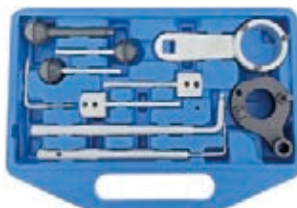
Seat : Alhambra (2.0), Altea/Altea XL (1.8,2.0), Exeo (1.8,2.0), Leon (1.8, 2.0), Toledo (1.8, 2.0)

Skoda : Octavia II (1.8, 2.0), Superb II (1.8, 2.0), Yeti (1.8)

Volkswagen : Eos (2.0), Golf VI (1.8,2.0), Golf VI Estate (2.0), Passat (1.8, 2.0), Passat CC (1.8), Sharan (2.0), Beetle (2.0), CC (1.8, 2.0), Passat Alltrack (1.8, 2.0), Scirocco (2.0), Tiguan (2.0)

**AT0029 VAG Year 2012 Adaptable To 1.6 – 2.0 CR TDi Engine Timing Kit****Introduction:**

An 8 piece kit consists of the component which requires to lock the crankshaft, the cam pulley and the fuel pump pulley in the timed position to removal and the replacement of the camshaft timing belt.



AT8707**VW/AUDI 7 Speed Dsg Clutch Installer & Remover****Introduction:**

The special design installs and removes the clutch of gearbox.

Application:**Model:**

VW: Golf 2004 > Golf Plus 2005 >

Audi: A3 2004 > with 7 speed gearbox (code 0 AM),
 Touareg 2003> with 6 speed gearbox (code 08 D)

**AT0004****Engine Timing Tool For VAG****Introduction:**

Use for correcting the camshaft and the crankshaft timing position.

4 cylinder EA888 petrol: 1.8 R4 16v TSi/TFSi, 2.0 R4 16v TSi/TFSi

Application:

2006 – 2013 VAG series TSi, TFSi EA888 engines
 (1.8 L, 2.0 L)

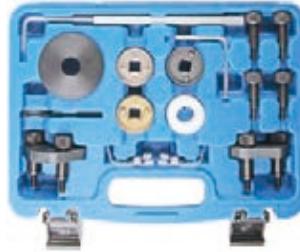
Model :

Audi : A4 (1.8), A4 Quattro (1.8,2.0), A5 Coupe/Cabriolet (1.8, 2.0), A5 Sportback (1.8, 2.0), A6 (2.0), Q3 (2.0), Q5 (2.0), TT (1.8, 2.0)

Seat : Alhambra (2.0), Altea/Altea XL (1.8, 2.0), Exeo (1.8, 2.0), Leon (1.8, 2.0), Toledo (1.8, 2.0)

Skoda : Octavia II (1.8, 2.0), Superb II (1.8, 2.0), Yeti (1.8)

Volkswagen : Eos (2.0), Golf VI (1.8, 2.0), Golf VI Estate (2.0), Passat (1.8, 2.0), Passat CC (1.8), Sharan (2.0), Beetle (2.0), CC (1.8), Passat Alltrack (1.8, 2.0), Scirocco (2.0), Tiguan (2.0)

**AT0014****Petrol Engine Setting/Locking Tool Kit 1.8/2.0 TFSi ENGINE****Introduction:**

The set of 3 assembly camshaft tools. For installation and removal 4/3 way the central valve for the camshaft adjustment. This set includes the original tool T10352 and the new version T10352/1 and T10352/2.

The set of 3 sockets, 3/8" drive, and outside diameter 34 mm.

Application:

1.8 & 2.0 TFSi petrol engines in:

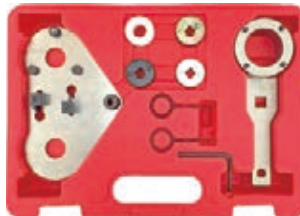
Model:

Audi: A3, A4, A5, A6, Q3, Q5, TT

Seat: Leon, Toledo, Altea, Altea XL, Exeo, Alhambra

Skoda: Yeti, Octavia II, Octavia III, Superb

Volkswagen: Golf, Beetle, Jetta, Scirocco, Eos, Passat, Passat, CC, Tiguan, Sharan, Amorok



AT0024A Pencil Type Ignition Coil Puller**Introduction:**

A special tool is for pulling the ignition that coils off the latest generation VAG petrol engine.

Use for removing the pencil type ignition coil on 4 cylinder direct injection generation III VAG petrol engine

OEM Number: T10530

Application:

Volkswagen Golf 2013 >, Audi A3 2013 >, Leon 2013 >, Octavia 2013 >

4-cyl. injection engine (1.2l direct injection engine, turbocharger)

4-cyl. injection engine (1.4l engine direct injection engine, turbocharger)

4-cyl. direct injection (2.0l engine, 4V, turbocharger, chain drive, Generation III)

Removing pencil-type ignition coil

**AT0026 VW/AUDI Drive Gear Fixing Tool****Introduction:**

Secure position of the high pressure pump chain drive sprocket using setting tool.

Use in vehicle without mechanical vacuum pump.

Application:

Use for adjusting the valve timing on 3.0, 3.6 liter 6 cylinder 4v engine.

Passat 2006>, Touareg 2003>, Audi Q7 2007>, and the diesel engine

**AT1558 Petrol Engine Setting/Locking Kit – AUDI 3.0 V6 – BELT DRIVE****Introduction:**

Suitable for 3.0 liter V6 petrol engine. Kit contains the camshaft and crankshaft setting, and the locking tool, plus the camshaft sprocket adjusting tool and the tensioner retaining pins.

Application:

Holding/Alignment the fixture, use to align and hold the camshaft

Model:

Volkswagen: Polo Diesel

Audi: 100 since 1991, A4 3.0 V6 (01-08), A6 3.0 V6 (01-08) with engine Z15L TDI

**AT1430 Twin Camshaft Locking Strap- Audi 2.6, 2.8 V6**

1. For Audi 100/80/A4/A6/A8/ Cabrio with 2.8/2.6

Turbo engines, V6 2 valve engines

2. OEM No 3243 / Engine code AAH,ABC

3. Used to lock the camshaft

4. Applications:

Audi 80 2.6/2.8, A4 2.6/2.8 100 2.6/2.8 A8 2.8

Cabrio 2.6 Coupe 2.6/2.8 1991-2000



AT0023**Petrol Engine Setting/Locking Kit – Belt Drive & Camshaft Alignment Kit****Introduction:**

Suitable for the latest VAG 1.2/1.4 TSi belt drive petrol engine, and 1.4 TSi ACT.

Contain the essential tool for the camshaft locking, the crankshaft replacement, and the timing belt replacement. Secure the camshaft when checking and adjusting the valve timing. Use for locking the camshaft on the vehicle equipped with 1.4 TFSi engine.

From 2012 VAG introduces a new version of 1.4 TFSi petrol engine. This new engine is equipped with CoD (Cylinder on Demand) technology that the engine switches between 2 and 4 cylinder running modes to maximize the efficiency. The new engine designs for the new camshaft locking tool.

**Application:****Model:**

Audi: A1 (12-15), A1 Sportback (12-15), A3 (13-15), A3 Sportback (12-15)

Seat: Ibiza (12-15), Leon (12-15), Toledo (12-15)

Koda: Fabia (10-13), Octavia II (10-13), Octavia III (10-15)

AT1621A**Diesel Engine Setting/Locking & Hp Pump Removal Kit****Introduction:**

The comprehensive kit requires for service work on the timing chain, the cylinder head, the HP pump and the engine timing application on VAG 2.7D - 3.0D TDi V6 and 4.2D TDi V8 common rail diesel engines.

The kit includes HP pump sprocket remover and requires the locking pin, it also includes the tool to cover later 3.0D TDi V6 and 4.2D TDi V8 common rail second generation engines.

**Application:****Model:**

Audi: A4 (05-13), A5 (07-13), A6 (04-13), A6 Allroad (06-11), A7 (10-13), A8 (03-13), Q5 (08-13), Q7 (06-13)

Volkswagen: Phaeton (04-13), Touareg (05-13)

AT1415**Water Pump Removal Kit - VW 2.5 TDI PD**

1. Removing the water pump on Pompe Duse, diesel, gear drive engines.
2. Align the engine in TDC position.

3. Applications:

VW; Touareg, Transporter (03-09)



AT1458A Camshaft Adjustment Tool For VAG**Introduction:**

The set of 3 assembly camshaft tools. For installation and removal 4/3 way the central valve for the camshaft adjustment. This set includes the original tool T10352 and the new version T10352/1 and T10352/2.

The set of 3 sockets, 3/8" drive, and outside diameter 34 mm.

Application:

4 cylinder injection engine (1.8 liter and 2.0 liter engines, chain drive)

Model:

Audi: A3 (2004), A3 (2012), A4 (2008), A5 Cabriolet (2009), A5 Coupe (2008), Q5 (2008)

Volkswagen: Passat (2006), Passat CC (2009)

Audi A3 with 4 cylinder petrol direct injection, 1.8/2.0 liter 4v TSi engine with the chain

**AT1461 VW/AUDI Tension Pulley Holding Wrench****Introduction:**

Tensioner wrench with five adjustable positions for use on many VAG models where access is restricted.

The adjustable key allows to tight the free roller in spaces even limited.

Application:

Five adjustable positions for use on many Volkswagen Audi Group models.

4 mm Hex Key to adjust the positioning

18 mm pin centers/3 mm pin

**AT0007A Engine Timing Tool Kit For VAG 1.0 1.2 1.4****Introduction:**

This kit is for the latest generation FSI VAG petrol engines fitted to Audi, Seat, Volkswagen and Skoda models include the new 1.4lt CoD engine. The CoD (Cylinder on Demand) feature is used in the modern turbocharged petrol engine that has a Cylinder Cut Off system which reduces from 4cylinders to 2 cylinders when cruising – giving better miles per gallon

Including:

Audi: A1/A Sportback, A3 Sedan, A3 Cabrio, A3 Saloon, A3, A3 Sportback, Q3 Seat Leon, Leon ST, Ibiza, MII, Skoda Fabia S111 and Estate, Octavia 111, Yeti, Outdoor, Citigo

Volkswagen: Golf V11, Golf V1 Cabrio, Up!, Jetta, Passat, Polo, Golf SV, Sportsvan, Golf V11, Estate

Application:

Audi: (2012-2016) TFSI/G-TRON/TFSI CoD A1/A1 Sportback A3 Cabrio /A3 Saloon/A3/A3 Sportback Q3

Seat: (2012-2016) TSI/LPG//TGI/TSI ACT Mii Leon /Leon ST

Skoda: (2013-2016) CNG Citigo/Fabia III/Fabia III Estate/Octavia III

Volkswagen: (2012-2016) GTE/HYBRID/BLUEMOTION/TSI/TSI ACT/BLUE GT Golf VII/Up/Jetta/Passat/Golf SV/Sportsvan/Golf VII/Golf VII Estate/Golf VII Wagon/Golf SV/Sportsvan/Golf VI Cabrio/Golf VII Estate/Golf VII Wagon/Polo



AT1431 Twin Camshaft Holding Bracket - VAG 2.4, 2.7, 2.8, 3.0 V6

1. Locating the camshafts and crankshaft during timing belt replacement and other service applications
2. **Applications:**
Audi; A4 (94-08),A6 (95-05), A8 (96-02),Allroad (00-05),
Skoda; Superb (02-08),
VW; Passat (96-05)

**AT1432 Twin Camshaft Holding Bracket - VAG 3.7, 4.2 V8**

1. For 3.7 and 4.2 V8 engines in Audi and VW models
2. **Applications:**
Audi; A6/Quattro(99-05), S6 (00-04), A8 (99-06),
 S8 (99-03),RS4 (03-05),RS6 (03-04),
VW;Touran (03-06),Phaeton (03-04)

**AT1468 Engine Timing Tool Kit - VW 2.5 TDI PD**

1. Work on Volkswagen Touareg and Transporter 2.5 TDI models
2. **Engine codes:**
 BAC/BLK/BPD/AXD/AXE/BLJ/BNZ/BPC (03-)
3. 4.9TDI models with engine code AYH (03-)
4. **Contents:**
 - 1 - Special Wrench, OEM Code: T10225
 - 1 - Puller, OEM Code: T10221A
 - 1 - Adjuster Puller, OEM Code: T10222A
5. **Applications:**VW; Touareg,Transporter (03-09)

**AT1469 Engine Timing Tool Kit - VAG 2.5 & 4.9 Tdi**

1. For VAG 2.5/4.9D TDi
2. Use on Volkswagen Touareg and Transporter 2.5 TDi models
3. **Engine codes:**
 BAC/BLK/BPD/AXD/AXE/BLJ/BNZ/BPC (03-)
4. Fits 4.9TDI models with engine code AYH (03-)

**AT1466 Crankshaft Locking Tool Kit - Volkswagen**

1. Lock the crankshaft at the tdc position while replacing the timing belt
2. Size: M14 x 1.5
3. **Applications:**
 Audi A6 2005 6 cylinder engine 2.4 liter and 3.2 liter FSI.



AT0010 Camshaft Adapter Socket - VAG

1. Special shape design to engage with camshaft gear pulley.
2. Used to rotate and hold intake camshaft during timing chain service on 4-cylinder 1.8 and 2.0 liter TFSI direct injection engine (generation III).
3. 1/2" Drive.

4. Applications:

Audi: A4 2008~, Cabriolet 2009~, A5 Coupe 2008~, Q5 2008~, A3 2012~

SEAT: Alhambra 2011~, Exeo 2009~, Altea 2009, Leon 2009~, Altea XL 2009~, Altea Freetrack 2009~

5. **OEM Ref:** T40266

**AT1220 Crank Pulley Holding Tool - VAG**

1. For VAG 1.4 & 1.6 16v twin cam petrol engines (970n)
2. Conjunction with AT1221 twin cam locking set or timing belt replacement

3. Applications:

Audi; A2 1.4 16v (00), **VW;** Lupo, Polo/Classic, Golf, Bora & Caddy

4. **Engine Codes:** AFK, AHW, AJV, AKQ, APE, AQQ, AUA, AUB, AXP, AFH.

**AT1221 Crank Pulley Holding Tool - VAG**

1. For VAG 1.4 & 1.6 16v twin cam petrol engines (970n).
2. Conjunction with AT1220 twin cam locking set or timing belt replacement

3. Applications:

VW; Lupo, Polo/Classic, Golf, Bora & Caddy.

4. **Engine Codes:** ARC, ATN, AUS, AVY, AZD.

**AT1203 Vibrator Damper Locking Tool - VW**

1. Lock the vibrator damper (pulley at the crankshaft) when the central bolt has to be loosened (e.g. changing of the timing belt)
2. **Application:** VW engines (e.g. VW T4Van with 5-Cyl. Diesel)

**AT1204 Crankshaft Pulley Puller**

1. For counter bearing of V-belt pulley/vibration damper while removing the crankshaft-centre bolt.
2. **Applications:** VW-Audi 5 cylinder diesel engines up to 1997

**AT1353 Vibration Damper/Crankshaft Reaction Wrench Set**

1. For VW-Audi 4- and 5-cylinder engines
2. Both with and without vibration damper; e.g. VW T4.
3. Lock the crankshaft pulley when loosening or tightening the crankshaft central retaining bolt



AT1354 Crankshaft Balance Wrench - VW/Audi

1. 1200 mm long
2. Extension handle to hold the crankshaft balancer (pulley) and loosen the main bolt, e.g. for timing belt replacement
3. Countering the wrench is inserted into the balancer
4. Suitable in restricted areas
5. **Applications:**
Audi 100, A6 5-cyl. Petrol and diesel engines VW T4 2.4I D and 2.5TDi Volvo 2.5TDi until '01, on S70, S80, V70, 850.

**AT1355 Crankshaft Grinder Wrench - VW/Audi**

1. Use crankshaft grinder on hard-to-access crankshafts
2. Material: Aluminium
3. Overall length: 600mm
4. For VW/Audi vehicles with transverse engine

**AT1433 Crank Locking Pin M12 x 1.5 - Audi**

1. Lock the crankshaft at TDC position when replacing the timing belt
2. Size: M12x1.5
3. **Applications:** Audi 3.0L, V6 5 Valve

**AT1439 Crank Locking Pin M18 x 1.5 - VW / Audi**

1. Lock the crankshaft at the tdc position while replacing the timing belt or removing the crankshaft bolt.
2. Size: M18x1.5
3. **Applications:**
VW/Audi models with 2.7 & 2.8 liter V6 engines.

**AT1440 Crank Locking Pin M14 x 1.5 - Audi**

1. Lock the crankshaft at the tdc position while replacing the timing belt
2. Size: M14 x 1.5
3. **Applications:**
Audi A6 2005 6 cylinder engine 2.4 liter and 3.2 liter FSI.

**AT1230 Pulley Wrench 32mm - VW/Audi**

1. Adjusting toothed belt at the automatic tensioning pulley
2. Size: 32mm
3. For Audi, Volkswagen 2.5 TDI engines and some Volvos
4. OEM Code: 3355



AT1679-01 Counter Hold Tool - VAG

1. This tool used for stopping the engines crankshaft pulley / vibration damper when center bolt for crankshaft is installation or disassembly.
2. 840mm (33" inches) long, with 4 pins, size 5mm with 42mm pin spacing.

3. Application:

Mainly used for car Audi A3 (2004 -up), engine 1.8 liter TFSI (chain drive), also fits Audi A4 / A5 Q5 (2009 -up), engine 2.0 liter TFSI (chain drive).

**AT1352A Crankshaft Seal Installation Tool- VAG 1.4 1.6 16V**

1. For Volkswagen and Audi Group models
16V 1.4/1.6 engines
2. OEM Code:T10017
3. Applications:VAG 1.4/1.6 16v engines
4. Use on Fiat engines

**AT1205 Tensioner Locking Pins - VAG**

1. Holding the tension on the cam belt and serpentine (auxiliary) belts
2. For VAG engines OEM Nos T10115, T40011
- Timing Belt Tension pins and T10060/A
- Serpentine Tension pin
3. Fitted to 1.4/1.9/2.5 Tdi PD/TFSI Petrol or diesel

**AT1081 Pulley Locking Tool VW / Audi**

1. Suitable for holding the water pump pulley on VAG vehicles
2. For vehicles fitted with air conditioning
3. Applications: VAG - Vehicles with Air Conditioning

**AT1082 Pulley Locking Tool VW / Audi**

1. For locking the water pump pulley on Audi 80 & A4 and VW Golf, Passat, Polo when air conditioning is not fitted
2. Applications: VAG - Vehicles with Air Conditioning

**AT1739 Auxiliary Belt Tensioner Tool - VAG**

1. Auxiliary belt tension tool for V-ribbed belts
2. Compatible with variety of VAG engines
3. Use with standard 1/2" drive ratchet or extension bar



AT1225 1/2" DR. VW Reaction Wrench

1. For tensioning multi-vee belts
2. Equipped with hardened and milled pins
3. Allow belt tension achieve the alternator
4. Designed not to slip out of the holes in the alternator
5. For VW-engines on which the multi-vee belts can tightened at alternator
6. Drive:1/2"
7. Diameter (pin to pin): 157 mm

**AT1460** Timing Tool Kit - VAG 1.8, 1.8T, 2.0 Petrol

Suitable for VAG 1.8/1.8T and 2.0 petrol engines with an adjustable tension roller as fitted to early Pumpe Duse diesel engines. Kit includes tension adjuster, locking and setting tools.

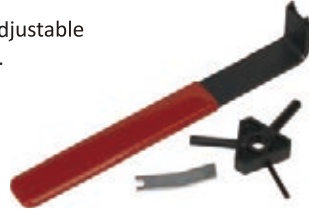
Applications:

VAG; 1.8/1.8T, 2.0 20v Petrol Engines with adjustable belt tension roller.

Audi; A4, Cabriolet, A6. Seat; Ibiza. Skoda;Superb.

VW; Polo, Eos, Passat.

Engine Codes; ALT, AMB, AUG*,AVJ, AWM*, AWT*, BBU, BEX, BFB, BJX, BKV, BLZ (*08/2000 on)

**AT0039** VW, AUDI Flywheel Holder

1. This tool screws into the bell housing and slide in-between the teeth on the flywheel to keep it from rotating.
2. For removing and installing pulley.
3. Applicable: VW, AUDI
4. VM code: 3067

**CM0122** New Flywheel locking tool (PAT.)**Feature:**

This new flywheel locking tool with patented design allow the user to quickly and conveniently lock the flywheel via the ring gear when the engine has been separated from the gearbox. This design allow the removal of flywheel or front pulley retaining bolt, as well as keeping the crankshaft locked during the inspection of the dual mass flywheel.

1. Designed to fit a wide range of engines.
2. Supplied with M10 and M12 mounting bolts, and a selection of spacers for gear alignment.
3. Material S45C Steel.



AT0726 Engine Timing Kit & Fuel Pump Locking/Removal Tool JLR 2.0 Ingenium Diesel Engines

1. Application:

Jaguar F pace, XE, XF (2015 onwards)
Land Rover Discovery Sport, Range Rover Evoque (2015 onwards)

- For locking the engine into the timed position so the engine timing chain can be removed/replaced and the engine timing checked
- Locks the fuel pump sprocket and chain in a fixed position while the pump is removed and replaced.



AT0733 Camshaft Pulley Remover Installer for Subaru

- It's designed to prevent the camshaft pulley from rotating when releasing the fixing bolt.
- Suitable:**
 - Subaru Impreza GT 1999
 - Impreza 1600/1800/ 2000cc
- OEM No.:** 499207400A



AT0616 Engine Timing Chain Tool Kit - Opel/Vauxhall 2.0 CDTi

This product is Opel/Vauxhall 2.0 CDTi timing chain cylinder head tool. Used to lock the camshaft of the vehicle listed in its assigned position for extracting and replacing the camshaft drive chain and camshaft extraction.

OEM NO.: EN-51415. EN-51418

Application(s):

Opel/Vauxhall: Cascada(15-17), Insignia(14-17),
Insignia Country, Tourer(14-17), Zafira C Tourer(14-17)

Engine Codes: 2.0 D:LFS/B20DTH



AT1080 Universal Pulley & Fan Clutch Holder Set

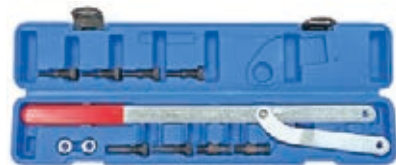
Introduction:

Design to remove and install fan clutch and rotate or restrain the camshaft pulley. Adjust the jaw spread and the interchangeable pins.

Application:

Adjust from 40mm to 220mm plus the set of four pins ranging from 6mm to 16mm in diameter.

- Pin sizes: 5.5x 34.7mm long (2)
7.5x 34.3mm long (2)
9.7 x 35mm long (2)
15.8 x 35.10mm long (2)



AT1008**Cam Belt Tension Gauge****Introduction:**

This tension gauge can use to adjust tension on the cam belt that movement of the timing belt is measured by load (Nm).

Suitable for using on the cam belt with the various belt width. Easy to use with clear incremental marking and knurled knob for the precise measurement. Dual scale allows reading from the top or the bottom of tool.

**AT1041****Auxiliary Stretch Belt Removal/ Installation Tool****Introduction:**

Design for recommended removal and installation of the elasticated or the stretch drive belt fitted to the modern auxiliary drive system such as the alternator or the power steering. Prevent damaged to the pulley and prolonged life of the belt. Two tools are included, one for installation and one for removal.

Fit the crankshaft pulley device.

Application:

Suitable for engine of the elastic ribbed belt such as Alfa Romeo, BMW, Chrysler, Fiat, Ford, Mercedes Benz, PSA, Seat, Skoda, Smart, Volvo, VW-Audi, etc.

The tool set is quick and easy removal and installation of the new elastic ribbed belt required.

**AT1319****Universal Flywheel Holder****Introduction:**

Necessary for dismantling or re-assembling the flywheel, the clutch pressure plate and the belt pulley.

Application:

Require when installing and removing the flywheel, the clutch plate and the pulley.

Length: 250mm(L)

Weight: 0.5kg

**AT1680****Diesel Engine Setting/Locking Kit
For CHRYSLER/JEEP, LDV – 2.5D, 2.8D CRD****Introduction:**

The kit covers the engine timing and the balancer shaft setting on 2.5 & 2.8 CRD diesel engines in Chrysler, Jeep, and LDV models.

Contain the camshaft, the flywheel and the balancer shaft locking pin plus the tensioner adjuster.

Application:**Model:**

Chrysler: Voyager(01-08), Grand Voyager(01-08)

Jeep: Cherokee(01-08)

LDV: Maxus(05-09)



AT1334

Diesel Engine Setting/Locking Kit For CHRYSLER/JEEP/MERCEDES BENZ – 2.1D, 2.2D, 2.7D/3.2D CDI/CRD – CHAIN DRIVE

Introduction:

Suitable for the timing of Chrysler 2.2D & 2.7D CRD diesel engines and a huge range of Mercedes Benz diesel chain drive engine. The kit includes flywheel plate locking tools with M6 90mm bolts and camshaft locking pins.

Application:

A timing tool set which covers a large of model in Mercedes Benz range, including the petrol and the diesel engines. The set includes flywheel plate locking tools and camshaft locking pins. Suitable for Chrysler PT Cruiser 2.2 CRD and Jeep Grand Cherokee 2.7 CRD

Model:

Chrysler: PT Crusier (02-09)

Jeep: Grand Cherokee (01-05)

Mercedes Benz: C-Class (98-10), CLC-Class (08-12), CLK (02-09), E-Class (98-10), G-Wagen (01-09), M-Class (99-05), SClass (99-06), Sprinter (99-10), V-Class (99-03), Viano (03-10), Vito (99-10)

**AT4370**

Engine Timing Tool Set For CHRYSLER 2.8D 3PCS

Introduction:

A kit consists of the component required to lock the crankshaft and the camshaft in the timed position to allow removal and replacement of the cam belt and the associated component.

Application:**Model:**

Jeep: Cherokee (2008-2011)

Chrysler: Grand Voyager (2008-2011)

MC: ENS (51C), VM64C

**AT1288**

Diesel Pump Timing Set

Introduction:

Suitable for the timing distributor type diesel fuel pump on the engine fits with Bosch VE Rotary, Kiki, Nippon Denso, CAV Roto - diesel - top entry port. These systems are mainly found on the car and the light commercial vehicle.

Application:**Model:**

Alfa Romeo, Audi, BMW, Saihatsu, Fiat, Ford, Isuzu, Iveco, Lancia, Land Rover, Mazda, Mitsubishi, Nissan, Renault, Rover and Volkswagen



AT8710**Volvo / Ford Crankshaft Holding Tool (Petrol & Diesel)**

Designed to counter-hold the vibration damper while loosening / tightening the crankshaft central screw. Suitable for Volvo 1.6, 1.8, 1.9, 2.0, 2.3, 2.4, 2.5, 2.8, 2.9 and Ford 2.5, 4- and 5-cylinder petrol engines 2.0 and 2.4, 5-cylinder diesel engines.

Volvo : C30, C70, S40, S60, S70, S80, V40, V50, V60, V70, XC60, XC70, XC90

Ford : Focus, Galaxy, Kuga, Mondeo, S-MAX

**AT1682****Volvo / Ford Crankshaft Holding Tool (Petrol & Diesel)****Introduction:**

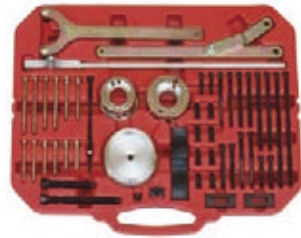
This comprehensive tool kit includes a large number of crankshaft pulley holding tool for using on a wide range of Toyota vehicle.

The OEM reference is included possible but the kit includes a variety of different sized struts and adaptors to cover any variation.

This master engine timing tool kit specifically compiles to give a comprehensive range of the engine timing locking tool for the cam belt, the chain and the gear.

Application:

For Toyota, Mitsubishi Important kit is for working on the motor, e.g. the timing belt, the general motor setting and the camshaft.

**AT1851****Petrol Engine Setting/Locking Kit
For VOLVO 3.0 & 3.2, LAND ROVER FREELANDER II****Introduction:**

This setting and locking kit contains the tool required when replacing the timing chain or carrying out the engine work required removal of the cylinder head and/or the camshaft. The kit is suitable for a wide range of Volvo vehicle fitted with 3.0 liter turbo charged and 3.2 liter naturally aspirated chain drive engines, and also Land Rover Freelander 3.2 i6 variant.

Application:**Model:**

Volvo: S80 (07-15), XC60 (08-15), XC70 (06-14), XC90 (10-14)

Land Rover: Freelander II (11-14)

**AT1559****Water Pump Sprocket Holder - GM Ecotec****Specification:**

1. For GM Ecotec - Europe
2. Holds the timing chain & gear in place while removing or installing water pump on Ecotec Engines.
3. Simply remove access plate from front cover and install the tool.
4. OEM Ref. EN-43651



AT0513 VOLVO B4204 (8 Speed Transmission) Camshaft Alignment Tool Kit**Introduction:**

Special design to align the engine camshaft and the crankshaft position, and to correct into the side cover.

Application:**Position Setting**

Model: S60L, S80 (07-), V40 (13-), V40 Cross Country, V541, V60, V60 Cross Country, V70 (08-), XC60, XC70 (08-), XC90 (16-), S60 (11-)

Puller

Model: S60 Cross Country, S60L, S80 (07-), V40 (13-), V40 Cross Country, V541, V542, V60, V60 Cross Country, V70 (08-), XC60, XC70 (08-), XC90 (16-), S60 (11-)

Counter-hold

Model: S60L, S80 (07-), V40 (13-), V40 Cross Country, V541, V542, V60, V60 Cross Country, V70 (08-), XC60, XC70 (08-), XC90 (16-), S60 (11-)

Drift

Model: S60L, S80 (07-), V40 (13-), V40 Cross Country, V541, V542, V60, V60 Cross Country, V70 (08-), XC60, XC70 (08-), XC90 (16-), S60 (11-)

Counter-hold

Model: S60L, S80 (07-), V40 (13-), V40 Cross Country, V541, V542, V60, V60 Cross Country, V70 (08-), XC60, XC70 (08-), XC90 (16-), S60 (11-)

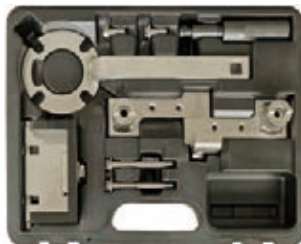
**AT0514 Petrol Engine 2.5 Turbo (Euro 4) Timing Belt For VOLVO/FORD****Introduction:**

A set of locking tools and camshaft of the regulatory device for engine: Volvo 2.5 Turbo Petrol / Ford. Enable the crank to be held whilst doing up the center pulley nut which is very tight. Remove for the pulley mounting bolts, then the tool on using the original bolts with the roll pin slots lined up with the roll pin and held with 1/2" D bar.

Application:**Model:**

Volvo: C30 (06-10), C70 (98-10), S40 (96-10), S60 (00-09), S70 (97-07), S80 (98-06), V40 (96-10), V50 (04-10), V70 (97-07), XC70 (02-07), XC90 (02-10)

Ford: Focus, Mondeo, S-Max 2.5 ST, Galaxy 2.5 ST (2005-)

**AT1600 VOLVO Crankshaft Camshaft Cam Engine Alignment Timing Locking Tool Set****Introduction:**

For alignment of the cam and the crankshaft, and also alignment of the cam and the crankshaft with the cam cover. This tool uses for alignment of the camshaft & the crankshaft on in-line 4, 5 & 6 cylinders. Twin cam motor through 2006. Maybe use to align the camshaft w/ the cam cover.

Application:**Model:**

Volvo: 850, 960, S40, S70 and S90



AT0604

VOLVO Timing Tool Set**Introduction:**

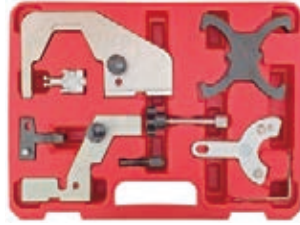
Comprehensive the setting and locking kit covers the engine which is fitted to a large range of Ford, Volvo and some Mazda vehicle. Contain the time saving tool to correctly align the timing cover on Ford and Volvo engines and the crankshaft pulley holder for Mazda engine.

Application:**Model:**

Ford: Fiesta (08-15), B-Max (12-15), C-Max (03-07), C-Max (07-10), C-Max (10-15), Focus (04-11), Focus (11-15), Grand CMax (10-15), Touneo Connect (13-15), Grand Touneo Connect (13-15), S-Max (10-15), Galaxy (10-15), Kuga (13-15), Transit Connect (13-15)

Volvo: S80 (09-14), V40 (09-14), V40 Cross Country (10-14), XC60 (09-14), S80 (09-14), V60 (10-14), V70 (09-14), S60 (11-11)

Mazda: Mazda 5 (CW) (10-15), Mazda 6 (GH) (10-13)



AT1695

Crankshaft Pulley Holder Tool - Volvo B230

1. Keep the crankshaft pulley from turning when removing it to change the timing belt and/or the crankshaft seal on your B230 Engine.
2. On Volvos with automatic transmissions or when you don't have air tools
3. Fits over the tensioner stud for secure hold
4. Withstands torque specs specified by Volvo for crank bolt



AT1800

Camshaft Fixing Tool Set - Buick (GM HFV6)**Applications :**

Easy tool for fixing camshaft for High Feature V6 (2.8L / 3.0L / 3.6L) From mid 2007 -

Engines: GM 2.8 / 3.0 / 3.6L

OEM No. EN-48383



AT1734

Twin Cam Adjustable Timing Locking Tool

1. Design for twin cam locking tool
2. Adjusting the pin to lock the cam



AT1709

Universal Camshaft Locking Tool Kit 2 Pcs

1. For toothed pulleys spaced between 0mm to 60mm apart
2. Universal, Adjustable, TwinCam and Diesel engines
3. Ensured the driver pulleys do not lose the relationship to the crankshaft during repair or changing the timing belt
4. **AT1709-01-** Twin Cams
AT1709-02- Single Cams

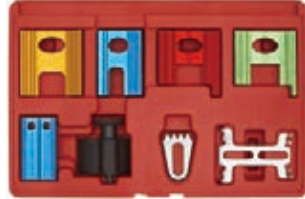


AT1423 Camshaft Holding/Rotating Tool

1. For positioning of camshafts when timing engine or rebuilding cylinder head
2. Adjustable peg
3. Suitable for a range of pulley and belt thicknesses
4. Overall length: 320mm

**AT1015 Camshaft & Crankshaft Locking Kit 8 Pcs**

1. Anodised aluminum chocks suitable for locking camshaft pulleys on twin cam engines
2. Includes flywheel locking tools for selected PSA (Citroen /Peugeot) and GM (Vauxhall/Opel) petrol and diesel engines
3. **Applications:**
Citroen, Fiat,Isuzu, MG, Peugeot,Rover, Saab, Vauxhall/Opel, VW

**AT1102 Universal Timing Belt Fitting Tool**

1. Help position timing and auxiliary belts
2. On pulleys set deep in the engine bay
3. Overall length: 725mm

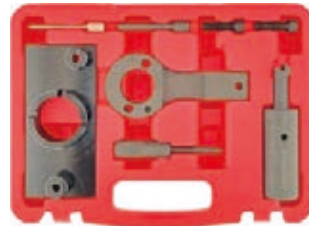
**AT1152 Flywheel Locking Tool**

1. The bottom pulley bolt can be loosened or tightened, when replacing the timing belt
2. Removal of the starter motor or gearbox
3. For fitment of the tool
4. Adjustment the tool
5. Allows to fit most vehicles
6. Use the vehicle's original bolts
7. Length: 130mm

**AT0614 Engine Timing Tool -Opel/Vauxhall**

2.OCDTi timing belt tool kit for OPEL/vauxhall for removal and replacement of the camshaft drive belt.. the kit also contains the tool required lock the Flywheel on vehicles fitted with Automatic Transmission.

N.B: for replacement of the camshaft drive chain in the cylinder head additional tooling will be required – AT0616

**AT0705 Toyota Timing Belt Tensioner Tool**

Effectively compresses hydraulically activated timing belt tensioners on 1995 and later Toyota T-100, Tacoma, and 4-Runner trucks. Also works on Toyota 5VZ-FE, 3.4L V-6 and 4.0L, 4.3L, 4.7L V-8 engines.



AT1181 Pulley-Extractor and Reaction Tool**Contents:**

- 1 - Puller Plate
- 3 - Hook Φ 20mm
- 3 - Hook Φ 26mm
- 3 - Shoulder Nut M10
- 1 - Pressure-Unit

**Applications:**

VW-Audi, Seat ,Skoda, Opel/Vauxhall, Ford, BMW, Mercedes, Peugeot, Citroen, Renault, Fiat & most of Japanese.

AT0022 Socket Set for Bosch distributor injection Pumps**Include:**

- Governing pressure wrench
- Triangular wrench for central closing plug
- Triangular wrench for bearing screws governing lever

**AT0020** Sockets for Bosch Injection Pumps | 3-pt | 7 / 12.6 mm

1. For loosening the triangle head screws in the flow controller cover
2. suitable for Bosch common rail and TDI injection pumps
3. sizes: 7 and 12.6 mm

**AT0712** Engine Timing Chain Kit For Jeep**Introduction:**

The cam and crankshaft locking tools required for chain replacement for (2011 on) Jeep Grand Cherokee.

Application :

Jeep Grand Cherokee CRD 3 Litre EXF VM23D
2011-2015/ Grand Cherokee Multijet 3 Litre EXF
VM44D 2011-2015

**CM0136** Timing Belt Tool Kit

1. Full set of timing belt tools for the 2015 4-cylinder TDI models with engine code CVCA or CRUA.
2. These include the 2015 JETTA TDI, GOLF TDI, BEETLE TDI, SPORTWAGEN TDI and PASSAT TDI.
3. This kit includes all the tools required to properly lock and time the EA288 engine.
4. Including:
 - Crankshaft lock
 - Locking pins for camshaft sprocket and HPFP sprocket
 - Camshaft sprocket counter holding tool (choose standard or metal/red green bar)
 - HPFP sprocket counter holding tool
 - Timing belt tensioner locking pin

