



Sykes-Pickavant®

Workshop Solutions

ENGINE SERVICE TOOLS



www.sykes-pickavant.com



Sykes-Pickavant has been at the forefront of providing specialist Workshop Solutions for Vehicle Servicing, for more than 75 years, and this latest catalogue brings you up to date solutions for the 21st century workshop and the vehicle problems faced every day – from basic oil change servicing, through ignition and injection, to complex engine timing solutions.

Sykes-Pickavant believes strongly in providing on-going support for both our products and our customers, therefore you will find in this catalogue comprehensive spare parts and applications information, and we always encourage and welcome our customers to contact us for further advice whenever necessary. You can contact Sykes-Pickavant for Technical Help concerning any of the products in this catalogue:

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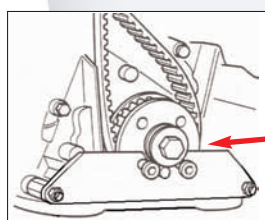
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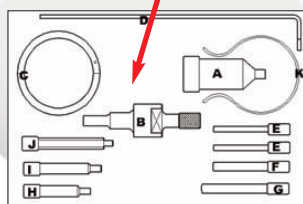
COMPREHENSIVE INFORMATION IS SUPPLIED WITH EVERY SP ENGINE TIMING KIT

• OEM Part No • Installation Drawing • Component ID • Applications by Engine Code • Tool Control System •

Ref.	OEM Ref.	Description	
A - SP 23164-05	KM 933	Timing Adjustment Wrench	
B - SP 23164-06	KM 933	Timing Adjustment Bracket Assembly.	
C - SP 23164-07	KM 927	Injection Pump Setting Pin.	



Crankshaft locking Tool



Timing Kit Component ID

SPARE PARTS & OEM X-REF
COMPONENT ID DRAWING IN EVERY KIT
INSTALLATION DRAWING & INSTRUCTIONS
APPLICATIONS
TOOL CONTROL SYSTEM



Model	Engine	Engine Code	Std. Kit.	Alt. Kit
Vectra-B	1.8/2.0	X18XE1/X18XE/Z18XE/X20XEV	07753000	07753100
Vectra-C	1.9DCDTI	Z19DT/Z19DTH	07751200	
Vectra-C	2.0D/DT/2.2DTI	Y20DTH/Y22DTR	07753000	07753300
Vectra-C	1.6/1.8	Z16XE/Z18XE/Z18XEL	07753000	07753100

Timing Kit Applications

Sykes-Pickavant encourages Safety In The Workplace, and has introduced this range of Safety Footwear for the benefit of our Automotive End-User customers:
Safe yet Stylish for the modern Technician – three styles to choose from

Safety Trainers

Oil & Heat Resistant Soles
 Steel Toe Cap & Mid-Sole

Sizes: UK 7 - 12

SPW303-SIZE



Trekker Safety Workboots

Oil Resistant Soles
 Steel Toe Cap & Mid-Sole
 Anti-static

Sizes: UK 7 - 12

SPWF50-SIZE



Hiker Waterproof Safety Workboots

Oil & Heat Resistant Sole
 Steel Toe Cap & Mid-Sole
 Waterproof Leather Uppers

Sizes: UK 7 - 12

SPWF5P-SIZE





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Valve Spring Compressor - Heavy Duty

03800000

Heavy Duty Valve Spring Compressor for use on Commercial Vehicle and Off-Road Engine Vehicles

Suitable for use on a wide range of medium and heavy commercial vehicles, buses, agricultural, marine and industrial plant engines
Reinforced frame made from rust-proofed steel
Geared hand wheel adjustment

- Supplied with straight & cranked off-set jaws

Spares Parts :

03801100 Straight Jaws
03801200 Cranked Jaws



Valve Spring Compressor - Multivalve engines

03950000

For the removal of valves on multivalve petrol & diesel engines

- Supplied with 25mm & 30mm & valve spring adaptors

Spare Parts and Optional adaptors :

03950100 Multivalve VSC adaptor - 30mm
03950200 Multivalve VSC adaptor - 25mm
03950400 Multivalve VSC adaptor - restricted access & BMW
03950500 Multivalve VSC adaptor - 21mm VAG & motorcycle



Valve Spring Compressor OHC engines

66043000

Valve spring compressor for OHC petrol & diesel engines.

Will also fit a wide variety of smaller OHV engines
Cam action provides parallel lift
Open collet type jaw provides good visibility for difficult access applications



Valve Spring Compressor - Small / Medium OHV engines

66021000

For the removal of valves on small / medium OHV engines

Cam action provides parallel lift
Automatic locking action

- Supplied with straight adjustable width jaws

Spare Parts :

03851100 Replacement jaws for 66021000 OHV VSC



Valve Spring Compressor - Ford CVH

03820000

For replacement of valve stem seals on Ford CVH

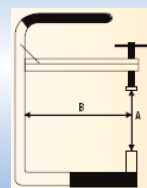
Fits Ford CVH engines - 1.1 / 1.3 / 1.4
Also fits 1.6 & 1.8 (with additional stud supplied)
Jaw opening - 21mm
Jaw depth - 35mm
1" hex drive



Technical: Valve Spring Compressors

	A Jaw mm		B Throat mm
03800000	Min	Max	
Offset	75	165	245
Straight	95	186	245
03950000	35	142	150
66021000	70	135	150
66043000	63	129	158

Dimensions quoted are with tool fully compressed.





'Valvemaster' Valve Service Centre 03990000

Air-assisted Valve Spring Compressing system

- Allows valve spring and stem seal work, without the need to remove the cylinder head
- Universal Mounting brackets for use on a wide variety of OHC & OHV petrol & diesel engines
- Reversible, multi-position lever arm and precise height adjustment for maximum flexibility
- Supplied on storage panel c/w vinyl overlay & hook / clip set

Contents 03990000

03960100	Adjustable Support Pillars (2) & Beam
03960800	Lever Arm
03950100	502 /504 /505 Valve Spring Adaptors (4)
03965000	Air Holding Adaptor
03970000	Valve Stem Seal Pliers
03980000	Valve Stem Seal Installer Set
67000600	Telescopic Magnetic Pick-up Tool



Air Holding Adaptor 03965000

14 / 18mm spark plug port adaptor c/w std airline connection

- Creates cylinder pressure which holds the valve in position whilst the spring is removed



Valve Stem Seal Pliers 03970000

Specially shaped long reach tips shaped for improved grip

- Range from 7mm upwards



Valve Stem Seal Installer Kit 03980000

Set of drive collets and pilots to accurately install valve stem seals without damaging the seal or the spring



Telescopic Magnetic Pick-Up Tool 67000600

To aid in the removal of valve collets - extends up to 490mm



Cylinder Head Bolt Tool - TX55 01610000

Six point key for the removal / installation of cylinder head bolts on Ford OHC & V6 engines

Specification : TX55 x 140mm x 1/2" sq. drive



Cylinder Head Bolt Tool - TX70 01610500

Six point key for the removal / installation of cylinder head bolts on Ford 1.8D / 1.8TD engines

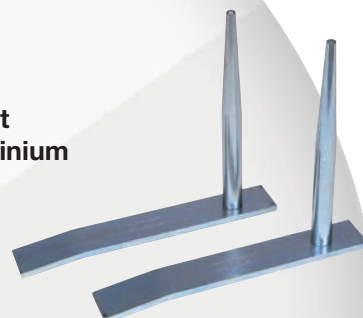
Specification : TX70 x 120mm x 1/2" sq. drive



Cylinder Head Stands 01780000

Set of 2, high quality steel pillar type stands, to support cylinder heads whilst carrying out repair work. Essential to avoid damage whilst working on aluminium cylinder heads. Can be used with most types of cylinder heads, inc OHC

Specification : Tapered pillars fit stud holes with diameter 8-19mm
Stand base 250 x 38 x 6mm



Valve Grinding Sticks

Wooden handled valve sticks for grinding and lapping valves

Valve Grinding Stick 66090200

Large 32mm cup diameter, ideal for HGV, agricultural and industrial plant engines
Single-ended valve grinding stick 32mm x 224mm



Valve Grinding Stick 66090300

Medium cupsize single-ended valve grinding stick, ideal for cars and light commercial vehicles
Single-ended valve grinding stick 22mm x 224mm

Valve Grinding Stick 66090400

Small cup size single-ended valve grinding stick, ideal for cars, motorcycles and generator engines
Single-ended valve grinding stick 19mm x 224mm

Valve Grinding Stick 66090500

Small / medium cup size double-ended valve grinding stick
Double-ended valve grinding stick 19 / 22mm x 224mm



Cylinder Honing Set (13 - 89mm) 02800000

- Complete honing and deglazing set, for 13 - 89mm diameter cylinder bores
- Flexible drive shaft, for use with air or electric drills
- Supplied with a set of medium grade 220 grit stones
- Suitable for use on brake and clutch cylinders, small bore engine cylinders, motorcycle engines etc

Replacement Stone Sets available: -

Reference	Grade	Grit
02800100	Fine	400
02800200	Medium	220
02800300	Coarse	100

- Each Stone Set consists of:-
3 x 19mm stones / 3 x 29mm stones /
3 x 50mm stones,
and 9 replacement spring clips



Cylinder Honing Tool (50 - 180mm) 02810000

- Large diameter honing and deglazing tool
- Flexible drive shaft, for use with air or electric drills
- Supplied with a set of medium grade 220 grit stones
- Suitable for use on large bore engine cylinders from 50 -180mm

Replacement Stone Sets available:-

Reference	Grade	Grit
02810100	Fine	400
02810200	Medium	220
02810300	Coarse	100

- Each Stone Set consists of:-
3 x 100mm stones and 3 x replacement cotter pins



Piston Ring Compressor - Ratchet Action 66037000

- Medium capacity piston ring compressor,
- Spring assisted ratchet type lock complete with square drive key
- Standard 80mm depth, 57 - 125mm capacity
- Suitable for Cars and Light Commercial Vehicles



Piston Ring Compressor - Ratchet Action 66037300

- Large capacity piston ring compressor
- Spring assisted ratchet type lock complete with square drive key
- Standard 80mm depth, 90 - 175mm capacity
- Suitable for Commercial Vehicles, industrial and agricultural engines



Piston Ring Compressor - Ratchet Action LARGE CAPACITY, LONG REACH 03220000

- Large capacity, long reach, piston ring compressor
- Spring assisted ratchet type lock complete with square drive key
- Double-depth 165mm, 90 - 175mm capacity
- Suitable for heavy Commercial Vehicles, industrial and agricultural engines



Technical: Piston Ring Compressors

	Depth	Capacity Ø mm
66037000	80	57-125
66037300	80	90 -175
03220000	165	90 -175

Viscous Fan Hub Spanner 03110000 - 32mm 03120000 - 36mm

- For removing thermo viscous fan hubs
- 32mm - applications - Ford / BMW
- 36mm - applications - Ford / GM
- Cranked with slim profile for ease of access



Hose Clamp Driver Set (3)

66077300

- Single hex drivers, for tightening and releasing hose clamp fasteners
- Ergonomic 'Megatorque' screwdriver handle



Contents 66077300

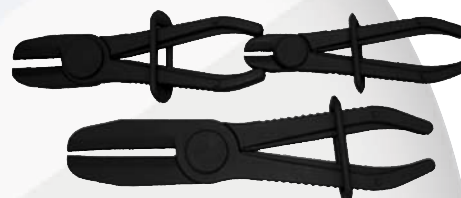
(also available individually)

Reference	Hex Drive
66076900	6mm hex
66077000	7mm hex
66077100	8mm hex

Plastic Hose Clamp Plier Set (3) 03575000

Set of three Hose Clamp Pliers - small / medium / large
Ideal for radiator hoses, fuel lines, brake and vacuum hoses.
Locking ring provides tight non-slip grip.
Special jaw design avoids damage to hoses.

Available October 2007



Ratcheting Hose Clamp Plier Set (3) 03579500

Set of three Ratcheting Hose Clamp pliers - small / medium / large
Patented ratcheting mechanism, provides secure and safe locking and release
Ideal for radiator hoses, fuel lines, brake and vacuum hoses.
Swivel jaws provide parallel clamping for improved grip
Locking ratchet mechanism prevents accidental damage to hoses.

Available October 2007



Exhaust Pipe Cutter 02180000

- Chain type pipe cutter, ideal for use with exhausts
- Suitable for aluminium, copper, brass, steel
- Capacity - 28 - 68mm diameter

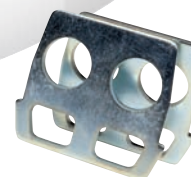


Spare part :

- Replacement chain available (ref. 02180100)

Exhaust Clamp Removal Plates 66040000

- For safe and quick removal and installation of exhaust retaining clamps on VAG vehicles



Exhaust Hanger Stretchers (2) 66100000

- For re-fitting of rubber mountings after exhaust replacement
- Short & long hooks for rubber rings and straps

Available individually :-

66100100 - short hook 66100200 - long hook



Spark Plug Thread Chasers

01410000 - 14 / 18mm 01440000 - 10 / 12mm

Cleans and reforms threads in cylinder heads



01440000



01410000

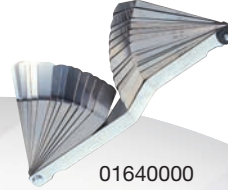
Professional Feeler Gauges

01620000 - 38 blades straight

- Thickness range 0.038mm - 0.889mm
- Inc. brass blades for electronic ignition
0.203mm / 0.254mm / 0.305mm

01640000 - 26 blades cranked

- Thickness range 0.005mm - 0.762mm
- 45° angle off-set allows for use where access is restricted



01640000



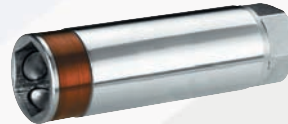
01620000

Magnetic Spark Plug Sockets - 3/8sq.dr. - 84mm deep

03342200 Magnetic Spark Plug Socket - 16mm Hex

03342400 Magnetic Spark Plug Socket - 18mm Hex

03342600 Magnetic Spark Plug Socket - 21mm Hex



Glow Plug Socket Wrenches - 3/8 sq.dr.

66066100 - 10mm Hex

66066200 - 12mm Hex

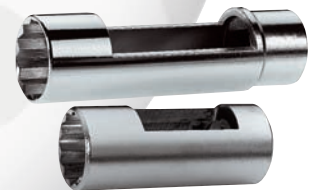
Hinged Socket Wrench for removal and installation of Diesel Glow Plugs



Individual Diesel Injector Sockets - 1/2 sq. dr., Bi-Hex sockets

- Specialist sockets designed for the safe, easy removal and replacement of diesel injectors on a wide range of European and Asian vehicles
- Open, long-reach design, thin wall, made from high quality chrome vanadium steel

Reference	Type of Socket	Injector Hex Size-mm
01510100	Open, long reach	21 mm
01510300	Open, long reach	22 mm
01510600	Open, long reach	27 mm



Diesel Injector Socket Set

01520000

Set of 4 specialist Diesel Injector Sockets - 1/2 sq.dr.

Size (mm)	Depth (mm)
22	80
22	100
27	80
28	80



Diesel Injector Puller 08570000

- For use with Lucas and Bosch type clamp-down injectors
- Slide hammer mechanism c/w M8, M12, & M14 adaptors
- For safe and damage free extraction of difficult to remove injectors

Universal tool with a wide variety of Car, LCV and HGV applications



Oxygen (Lambda) Sensor Socket 01650000

- Suitable for both heated and unheated oxygen sensors
- 1/2" sq. dr. x 22mm slotted deep socket



Oxygen (Lambda) Sensor Socket Set 01690000

- Set of 7 specialist sockets for the removal and installation of all common sizes of Oxygen Sensors and Pressure / Vacuum Sensors & Switches

	Part No.	Size (mm)	Depth (mm)	Slot (mm)	Offset (mm)
1	01690100	29	90	8	
2	01690200	22	90	21	
3	01690300	27	85	27(window)	
4	01690400	22	80	8	
5	01690500	1 1/16	75		
6	01690600	22	50	10	30
7	01690700	22	30	8	55



Oxygen (Lambda) Sensor Socket Wrench 01659000

- Swivel Handled 22mm Socket Wrench for Lambda Sensor removal
- Double sided (hex / bi-hex) 22mm socket
- Ideal for restricted access applications
- Handle Length 250mm

Available October 2007



Oxygen (Lambda) Sensor Thread Restorers

- Clean and restore threads on Oxygen (Lambda) Sensor fittings

01410500 - Lambda Sensor Thread Restorer - M18 x 1.5

01410600 - Lambda Sensor Thread Restorer - M12 x 1.25



Alternator Combination Socket Set - 12 pce 01675000

- Special set of Spline & Torx Socket Bits for the removal of Bosch type alternator free-wheel drive pulleys
- Locks the alternator, allowing the central locking bolt of the pulley to be released

Specifications

Size	Drive	Length
M10	1/2 sq	110mm
T50	1/2 sq	110mm
M10	10mm hex	75mm
M8	10mm hex	75mm
T50	10mm hex	75mm
T40	10mm hex	75mm
H10	10mm hex	75mm
H8	10mm hex	75mm

- Set contains both standard length and short length versions, for ease of access
- Selection of 33 tooth reaction nuts, and additional adaptors, widens the applications range available for this set.
- BMW / Ford / Mercedes / Renault / VAG - with Bosch type alternators

Available October 2007



Heavy Duty Strap Wrench

015500V2

- Multipurpose, heavy duty strap wrench, ideal for HGV oil filter removal, and industrial applications
- Capacity - up to 275mm diameter

Spare Part:

Replacement strap available (015512V2)



Adjustable Oil Filter Remover

038100000

- Spider-type wrench, c/w geared legs which automatically tighten as the force is applied
- Capacity - 62 to 93mm diameter
- 3/8" sq. dr c/w with adaptor for 1/2 sq.dr. / 19mm hex



Heavy Duty Chain Type Oil Filter Remover

03890000

- Heavy duty leaf type chain
- Capacity - up to 150mm diameter
- Ideal for HGV, plant and industrial applications, as well as Cars / LCV's etc
- 1" hex or 1/2" sq. dr



Strap Type Oil Filter Remover

03860000

- Multipurpose strap wrench, ideal for car oil filter removal
- Double ended 13/16" hex c/w 3/8" & 1/2" sq. dr



Spare Part :

Replacement strap available (03860500)

Adjustable Band Type Oil Filter Remover - (Standard - Car / LCV)

03840000

- Band type, adjustable, non-stretch steel band with die-cast screw mechanism
- Capacity - 65 to 100mm diameter for Cars / LCV's



Spare Part :

Replacement band available (03840100)

Adjustable Band Type Oil Filter Remover - (LCV / HGV)

03830000

- Band type, adjustable, non-stretch steel band with die-cast screw mechanism
- Heavy Duty Capacity - 110 to 155mm diameter



Spare Part :

Replacement band available (03830100)

Drain Plug Key Set 66041000

- For removal of square & hex drain and filler plugs on sumps, gearboxes, differentials etc
- Set of 6 double-ended, square and hex, sump and gearbox keys in a metal storage case
- 13/16" AF hex drive



Drain Plug Key Set 66041500

- 6 piece socket and double-ended bit set for drain plug removal



Contents available individually

Reference Dimensions

66039100	5/16" hex x 3/8"
66039200	8mm sq. x 3/8"
66039300	11mm sq. x 12mm sq.
66039400	13mm sq. x 14mm hex
66039500	17mm hex x 1/2" hex
66039600	8mm hex x 10mm hex

Contents

1/2" sq.dr Socket bit adaptor
8 x 10mm square bit
10 x 11mm hex bit
12 x 13mm hex bit
14 x 17mm hex bit
5/16" x 3/8" hex bit

Universal Flywheel Puller 08510100

- Universal Puller for flywheels with threaded holes, and with a pitch circle (or spread) diameter of 42 - 108mm
- Combination 2 / 3 way pulling beam
- Contains both Imperial (3/8" UNF) and Metric (M10) threaded pulling rods
- Ideal for use on Rover Mini and Metro models with Verto flywheel & clutch

Spare Parts :

08512500	Pulling Rod 3/8"UNF - set of 3
08512600	Pulling Rod M10 - set of 3
08512300	Force Screw 100mm reach



Mini Flywheel Puller 66030000

- Specialist flywheel remover for Mini / Metro models
- Supplied with both imperial (3/8" UNF) and Metric (M10) threaded pulling rods
- For Mini / Metro models with both traditional, and later (Verto) type clutches
- 80 - 110mm spread - 3 way pulling beam

Spare Parts :

08512500	Pulling Rod 3/8"UNF - set of 3
08512600	Pulling Rod M10 - set of 3



GM Clutch Retaining Clips (set of 3) 08130300

- For the retention of drive plates while servicing GM clutches



Protective Seat Cover 05160000

- 100% Nylon Seat Cover for protection of seats during service / maintenance work
- Grease and water resistant
- Fully washable
- Universal size fits most car / van seats



Heavy Duty Wing Covers

Manufactured from heavy duty vinyl cloth, with a soft, non-scratch backing. Wing covers have sewn-in magnets around the edge, to secure them in position. Designed to protect paintwork from dirt and accidental scratches.

05150000 - Protective Wing Cover - Standard Size
Dimensions : 800 x 600mm

05350000 - Protective Magnetic Wing Cover - Large
Protective Wing Cover c/w Tool Storage pocket.
Dimensions : 1050 x 600mm c/w tool storage pocket



Pulley Holding Tools

07740500 - V Belt Pulley Holding Tool

07741000 - Grooved Pulley Holding Tool

- Ideal tools for holding belt pulleys when removing or replacing the pulleys on water pumps, alternators, power steering pumps etc.
- Can also be used to rotate camshafts and crankshafts during engine timing service work.
- The hold is tighter than with a normal strap wrench, therefore these tools can also be used to remove oil & fuel filters where access permits.

Available October 2007



Specification

Handle length:	365mm
Belt length:	800mm

Cam Belt Pulley Puller 07742000

- Removes pulleys by using the holes in the pulley, to avoid risk of damage
- Special compact design allows for in-situ use
- Adjustable legs allow for variable diameters of pulley

Specification

Spread:	40 - 70mm
Reach:	40mm
Diameter:	90mm

Available October 2007

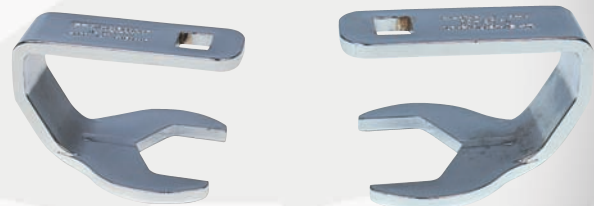


Cam Belt Tensioning Adjusters

03130000 - Cam Belt Tensioning Adjuster 41mm

03140000 - Cam Belt Tensioning Adjuster 46mm

- For tightening cam belts
- Made from strong alloy steel and chrome plated
- 41mm - applications - GM
- 46mm - applications - GM



Timing Belt Tension Gauge 316600V2

- For accurate tensioning of timing belts, minimising the risk of premature failure due to incorrect belt tension
- Features remote gauge for ease of access, with oil filled piston
- Gauge scale in Kg as recommended by VM's. Supplied with calibration strip
- Suitable for use on all Timing Belts, V Belts, Industrial Belts up to 12mm thick



BMW Master Kit for Petrol & Diesel Applications – 9 piece set 07758000

Master kit for Petrol & Diesel applications - 9 piece set

Applications:

Petrol BMW 1.6i up to 2.8i (M40, M42, M43, M44, M50, M52, M60)
 Diesel BMW 2.5D (M51) / Opel Omega / Range Rover

Ref.	OEM Ref.	Description	
A - SP 23048-01	11 2 300	Crankshaft TDC Setting Pin for all engines.	
B - SP 23048-02	11 2 240	Camshaft Locking Tool – exhaust	
C - SP 23048-03	11 3 190	Camshaft Locking Tool	
D - SP 23048-04	11 3 320	Camshaft Locking Tool	
E - SP 23048-05	11 4 220 11 3 390	Primary Timing Chain Pre-load Tool.	
F - SP 23048-06	11 5 490	VANOS Unit Engagement Wrench.	
G - SP 23048-07		Tensioner Pin (2)	



NB - kit ref 07758000 is also suitable for Opel Omega 2.5D & Range Rover 2.5D applications

BMW M47 / M57 Diesel Applications – 4 piece set

07758100

BMW M47 / M57 Diesel applications - 4 piece set

Applications:

Diesel BMW 2.0D, 3.0D (320D, 520D, 530D, X3, X5) / LR Freelander TD4 / Rover 75 2.0D

Ref.	OEM Ref.	Description	
A - SP 23048-01	11 2 300	Crankshaft TDC Setting Pin for all engines.	
B - SP 23048-09	11 6 320	Camshaft Locking Tool	
C - SP 23048-10	11 6 322	Locking Clamp.	
D - SP 23048-11	11 3 340	Tensioner Pin (2)	



NB - kit ref 07758100 is also suitable for Land Rover Freelander TD4 and Rover 75 2.0D applications

Fiat Group JTD Series Diesel Applications – 9 piece set 07751200

Fiat Group JTD series Diesel applications - 9 piece set

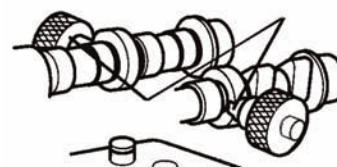
Applications:

Diesel Alfa / Fiat / Lancia 1.3JTD / 1.9JTD engines / Opel 1.3CDTi, 1.9CDTi

Ref.	OEM Ref.	Description	
A - 07751102	EN-46781	Camshaft Alignment Tool (2)	
B - 07751201	KM 6130 KM 6349	Auxilliary drive belt tensioner holding pin.	
C - 07751202	EN-46785	Crankshaft Alignment Pin c/w retention Spring.	
D - 07751203	EN-46788	Crankshaft Alignment Tool	
E - 07751204	EN-46789	Camshaft Alignment Tool (2)	
F - 07751205	EN-46789-100	Camshaft Alignment Screw for use when high pressure pump remains fitted.	
G - 07751206	1 860 898 000	Flywheel Locking Tool	



NB - kit ref 07751200 is also suitable for GM 1.3 & 1.9 CDTi applications



Camshaft Alignment Tools (A)

Refer to pages 22 - 23 for full Vehicle / Model / Engine Code applications list.

Full details of components and fitting instructions can be found on www.sykes-pickavant.com

Fiat Group Master Kit for Petrol & Diesel Applications - 24 piece set 07751000

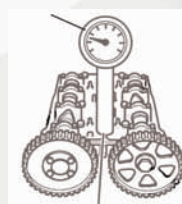
Master kit for Petrol & Diesel applications - 24 piece set

Applications:

Petrol Alfa / Fiat / Lancia 1.4, 1.6, 1.8, 2.0 Twinspark, 1.2, 1.4, 1.6, 1.8 16v

Diesel Alfa / Fiat / Lancia 1.6, 1.7, 1.9D / TD, 2.1TD, 2.4TTD

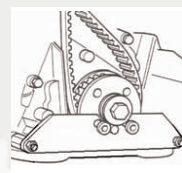
Ref.	OEM Ref.	Description	
A - SP 23072		Dial Test Indicator	
B - SP 23107-B	1 895 443 000	Adaptor - TDC Indicator.	
C - SP 23108	1 860 443 000	Tensioning Tool - Pry.	
D - SP 23110-B	1 825 041 000	Camshaft Alignment Tool (2)	
E - SP 23110-C	1 825 042 000		
F - SP 23110-D	1 860 847 000		
G - SP 23110-E	1 860 875 000		
H - SP 23110-F	1 860 892 000		
I - FSP23110-G	1 860 899 000		
J - SP 23111-01	1 860 703 000	Flywheel Locking Tool.	
K - SP 23111-02	1 860 161 000	Flywheel Locking Tool.	
L - SP 23111-03	1 860 766 000	Flywheel Locking Tool.	
M - SP 23111-04	1 860 771 000	Flywheel Locking Tool.	
N - SP 23111-05	1 860 846 000	Flywheel Locking Tool.	
O - SP 23111-06	1 860 898 000	Flywheel Locking Tool.	
P - SP 23111-07	1 860 901 000	Crankshaft Timing Tool.	
Q - SP 23111-08	1 860 905 000	Crankshaft Timing Tool.	
R - SP 23111-09	1 860 933 000	Crankshaft Timing Tool.	
S - SP 23112	1 860 874 000	Camshaft Alignment Tool (2)	
T - SP 23113	1 860 876 000	Tensioning Tool.	
U - SP 23114-01 /04	1 860 932 000	Camshaft Alignment Tool.	
W - SP 23169-01	1 822 154 000	Balancer Shaft Belt Tensioning Tool.	
X - SP 23169-02	1 860 845 000	Tensioning Tool.	



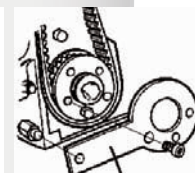
TDC Measurement



Camshaft Setting Blocks



Crankshaft Locking Tool (P)



Crankshaft Locking Tool (Q)

Fiat Group 1.2 16v Petrol Applications - 5 piece set

07751100

Fiat Group 1.2 16v engine applications - 4 piece set

Applications:

Petrol Alfa / Fiat / Lancia 1.2 16v engines

Ref.	OEM Ref.	Description	
A - 07751101	1 860 992000	Piston Height Adaptor (2).	
B - 07751102	1 860 985000	Camshaft Locking Tools (2)	
C - 07751103	1 860 987000	Tension Adjustment Wrench.	



Refer to pages 22 - 23 for full Vehicle / Model / Engine Code applications list.
Full details of components and fitting instructions can be found on www.sykes-pickavant.com

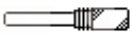
Ford Master Kit for Petrol & Diesel Applications – 16 piece set 077520V2

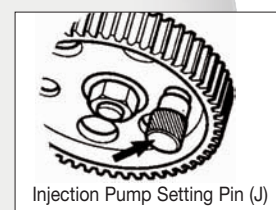
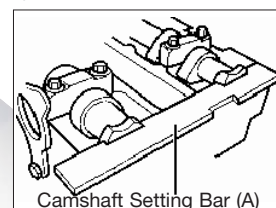
Master Kit for Petrol & Diesel applications - 16 piece set

Applications:

Petrol Ford 1.25, 1.3, 1.4, 1.6, SOHC, 1.6, 1.8, 2.0 16v

Diesel Ford 1.8D, 1.8TD, 1.9TDi, 2.5Di & Turbo

Ref.	OEM Ref.	Description	
A - SP 23054-01	21-162B 303-367	Camshaft Setting Strap.	
B - SP 23054-02	21-210	Crankshaft timing pin.	
C - SP 23054-03	21-163 303-620	Crankshaft timing pin.	
D - SP 23060-F		Shim Set. (2)	
E - SP 23060-S	21-104 303-193	Crankshaft timing pin.	
F - SP 23060-01	23-019	6mm. Injection Pump Setting Pin and Washer.	
G - SP 23060-04	21-123	9,5mm. Setting Pin.	
H - SP 23060-07	23-020	12,7mm. Setting Pin.	
I - SP 23060-10	21-168	Flywheel Locking Tool	
J - SP 23061-01	23-047	15,4mm. Injection Pump Setting Pin.	
K - SP 23062-B	21-105	Camshaft Setting Bracket.	
L - SP 23069-11	23-019	Injection Pump Pulley Timing Pin 6 mm.	
M - SP 23069-12	23-058 310-084	Tensioner Locking Tool.	
N - SP 23069-35	23-029	8,25 mm. Setting Pin.	
O - SP 23161-03	23-059 310-085	Crankshaft Locking Tool.	
P-SP 23060-10C		Tooth Block, Long – Flywheel Locking Tool	



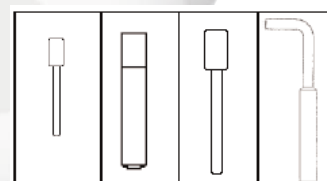
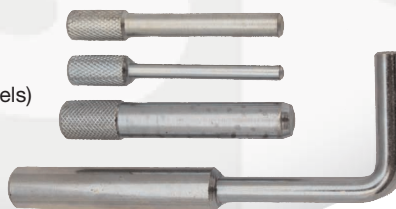
Ford Duratorq Diesel Applications (short set) – 4 piece set 07752100

Ford Duratorq Diesel applications short set- 4 piece set

Applications:

Diesel Ford Duratorq 1.4TDCi, 2.0TDCi, 2.4Di (belt & chain models)
/ PSA 1.4, 1.6Hdi

NB - kit ref 07752100 is also suitable for
PSA Group 1.4 - 1.6Hdi applications



Universal Sprocket Holding Wrench

07752400

A multi-application wrench, with variable adjustment.
Ideal for holding the sprocket whilst releasing and tightening
the fastener which retains the sprocket



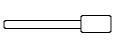
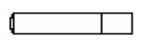
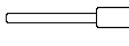
Refer to pages 22 – 23 for full Vehicle / Model / Engine Code applications list.
Full details of components and fitting instructions can be found on www.sykes-pickavant.com

Ford Duratorq Diesel Applications (full set) - 9 piece set 07752200

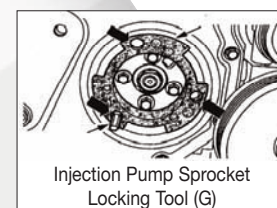
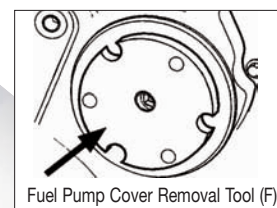
Ford Duratorq applications full set- 9 piece set

Applications:

Diesel Ford Duratorq 1.4TDCi, 2.0TDCi, 2.4Di (belt & chain models) / PSA 1.4, 1.6HDI

Ref.	OEM Ref.	Description	
A - SP 23060-02		Camshaft Sprocket Alignment Pin 6mm.	
B - SP 23069-04	0194A 21-260 303-732	Crankshaft / Fuel Pump alignment pin 5mm (2)	
C - SP 23060-11	0194C 21-262 303-734	Flywheel Locking Pin 11mm.	
D - SP 23069-25	0194B 21-263 303-735	Camshaft Sprocket Locking Pin 8mm	
E - SP 23060-12	21-234 /251	Flywheel Locking Pin 14mm	
F - SP 23175-01		Fuel Pump Cover Removal Tool.	
G - SP 23175-02	303-1151	Locking Tool, Fuel Injection Pump Sprocket	
H - SP 23002-45	310-083A	Key for TX45 Torx fasteners.	
I - SP 23161-06		Tensioner Pin	

NB – kit ref 07752200 is also suitable for PSA Group 1.4 / 1.6 HDi applications

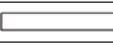
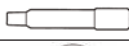


GM Vauxhall / Opel Ecotec Series applications – 5 piece set 07753200

GM Vauxhall & Opel Ecotec Series applications - 5 piece set

Applications:

Petrol GM 1.0, 1.2 12v (X10XE), 1.2 16v (X12XE)

Ref.	OEM Ref.	Description	
A - SP 23164-11	(KM 953)	Camshaft Timing Tool.	
B - SP 23164-12	KM 952	Crankshaft Locking Pin	
C - SP 23164-14	KM 954	Camshaft Position (CMP) sensor disc setting tool.	
D - SP 23164-15	KM 955	Tensioner Retaining Pin.	
E - SP 23164-16	KM 955	Tensioner Retaining Pin.	

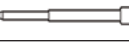


GM Vauxhall / Opel Diesel applications – 5 piece set 07753300

GM Vauxhall & Opel Diesel applications - 5 piece set

Applications:

Diesel GM 2.0D/2.2D Astra H & Vectra C

Ref.	OEM Ref.	Description	
A - SP 23164-05	KM 933	Timing Adjustment Wrench	
B - SP 23164-06	KM 933	Timing Adjustment Bracket Assembly.	
C - SP 23164-07	KM 927	Injection Pump Setting Pin.	
D - SP 23164-08	KM 929	Flywheel Locking Pin	
E - SP 23164-09	KM 932	Camshaft Timing Tool.	



**Additional GM Vauxhall / Opel applications :- 1.3 / 1.9 CDTi Diesel – refer to kit ref 07751200 (Fiat / Alfa) on p.12
2.2 / 2.5 Tdi Diesel – refer to kit ref 07755200 (Renault) on p. 18**

Refer to pages 22 – 23 for full Vehicle / Model / Engine Code applications list.
Full details of components and fitting instructions can be found on www.sykes-pickavant.com

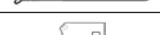
GM Vauxhall / Opel Master Kit for Petrol / Diesel Applications – 24 piece set 07753000

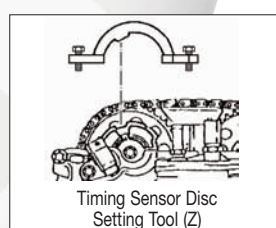
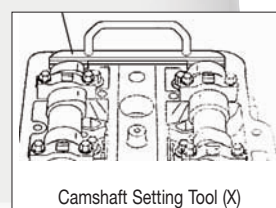
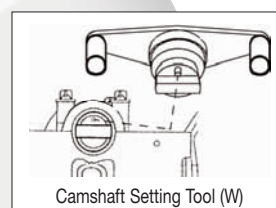
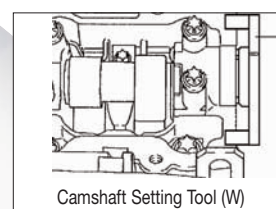
Master Kit for Petrol & Diesel applications - 24 piece set

Applications:

Petrol GM 1.0, 1.2, 1.3 12v / 1.2, 1.4, 1.6, 1.8, 2.0 16v

Diesel GM 1.5D/TD, 1.6D, 1.7TD, 2.0/2.2Di, 2.0/2.4TDi, 3.0/3.1TD, Isuzu 2.0D

Ref.	OEM Ref.	Description	
A – SP 23046	KM 666	Tensioner Adjuster	
B – SP 23052	KM 8070	Camshaft Setting Bracket.	
C – SP 23058-01	KM 852	Camshaft Setting Tool.	
D – SP 23058-02	KM 853	Camshaft Setting Tool.	
E – SP 23058-03	KM 517B	Flywheel Locking Tool	
F – SP 23060-04	KM 6011	Flywheel Locking Pin Ø9,5 mm.	
G – SP 23061-04		Locking Screw M8 x40 mm.	
H – SP 23061-08		Locking Screw M6 x 30 mm.	
I-L – SP 23064	KM 661-1	Camshaft Position Measuring Tool.	
M – SP 23070	KM 571-B	Dial Test Indicator 51 Dia. x 10 x 0,01 mm.	
N – SP 23163	KM 661-2	Camshaft Position Locking Tool.	
O – SP 23164-01	KM 851	TDC Indicator.	
P – SP 23164-02	KM 951	Flywheel Locking Pin	
Q – SP 23164-03	KM 652	Flywheel Locking Tool	
R – SP 23164-04	KM 911	Flywheel Locking Tool	
S – SP 23164-05	KM 933	Timing Adjustment Wrench	
T – SP 23164-06	KM 933	Timing Adjustment Bracket Assembly.	
U – SP 23164-07	KM 927	Injection Pump Setting Pin.	
V – SP 23164-08	KM 929	Flywheel Locking Pin	
W – SP 23164-09	KM 932	Camshaft Timing Tool.	
X – SP 23164-11	KM 953	Camshaft Timing Tool.	
Y – SP 23164-12	KM 952	Crankshaft Locking Pin	
Z – SP 23164-14	KM 954	Camshaft Position (CMP) sensor disc setting tool.	
AA – SP 23164-15	KM 955	Tensioner Retaining Pin.	
AB – SP 23164-16	KM 955	Tensioner Retaining Pin.	



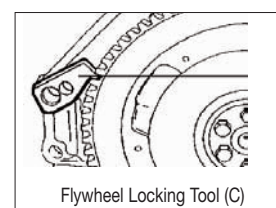
GM Vauxhall / Opel Ecotec Series applications – 4 piece set 07753100

GM Vauxhall & Opel Ecotec Series applications - 4 piece set

Applications:

Petrol GM 1.4, 1.6, 1.8, 2.0 Eco-Tec engines

Ref.	OEM Ref.	Description
A - SP 23058-01	KM 852	Camshaft Locking Tool
B - SP 23058-02	KM 853	Camshaft Locking Tool
C - SP 23058-03	KM 652	Flywheel locking tool
D - SP 23058-04	KM 911	Flywheel locking tool



Refer to pages 22 – 23 for full Vehicle / Model / Engine Code applications list.
Full details of components and fitting instructions can be found on www.sykes-pickavant.com

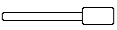
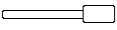
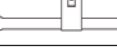
PSA Group (Peugeot / Citroen) Master Kit of Petrol & Diesel applications – 30 piece set 07754000

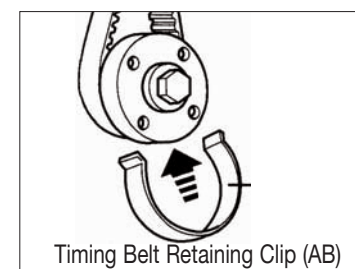
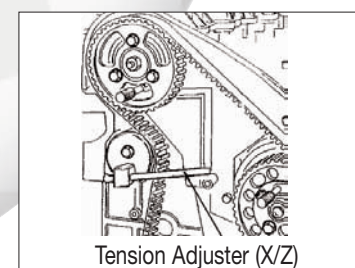
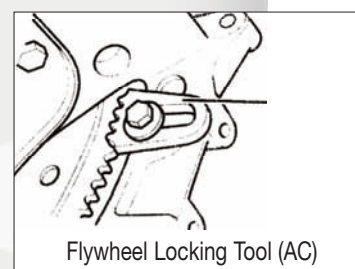
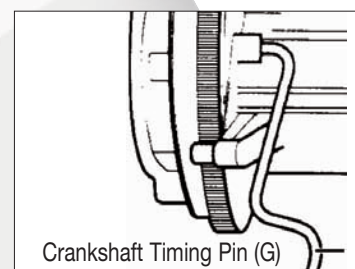
PSA Group Master Kit of Petrol & Diesel applications - 30 piece set

Applications:

Petrol PSA 1.0, 1.1, 1.4, 1.6, 1.8, 1.9, 2.0inc 12v & 16v models

Diesel PSA 1.4D, 1.7D, 1.8D, 1.9TD, 2.0Hdi, 2.2Hdi, 2.5TD

Ref.	OEM Ref.	Description	
A – SP 23053	0132-X 4507-TJ 9767.89	Tensioning Tool 8mm.Sq.	
B - SP 23055-01	0132-Q 5711-TA	Crankshaft Timing Pin 6mm.	
C – SP 23055-02	0132-R 4507-TB 9767.27	Camshaft Timing Pin (2)	
D – SP 23055-03	7014-TM	Camshaft Timing Pin (2)	
E – SP 23055-05	0132-QZ 4507-TA	Flywheel Locking Pin	
F – SP 23055-06	0189-C	Flywheel Locking Pin.	
G – SP 23061-02	0153--N 0188-D 7004-TG	Crankshaft Timing Pin 8mm.	
H-I – SP 23061-05		Locking Screw Set M8 (3)	
J – SP 23061-06	7017-TR	Crankshaft Timing Pin 7mm.	
K – SP 23061-07	0153-N D,0188-Y 0288-D 7099-TM	Crankshaft Timing Pin 8mm.	
L -SP 23061-09	0188-X	Setscrew M8x70mm.	
M - SP 23061-11	0118-X	Flywheel Locking Pin	
N - SP 23069-04	0132-AB 4527-T-S2 5711-TD	Camshaft Locking Pin 5mm. (2)	
O - SP 23069-07	0188-H	Injection Pump Tming Pin.	
P - SP 23069-25	0189-B	Crankshaft Tming Pin.	
Q - SP 23069-31	4527-T-S1	Injection Pump Timing Pin.	
R - SP 23069-32	0132.AJ1 4533-TAC1	Camshaft Timing Pin.	
S - SP 23069-33	0132.AJ2 0188-M 4533-TAC2	Camshaft Timing Pin.	
T - SP 23069-34	5711-TC 9041-TZ	Camshaft Timing Pin (2).	
U - SP 23069-36	0189-A	Camshaft Timing Pin.	
V - SP 23069-37	0189-AZ	Camshaft Timing Pin.	
W – SP 23069-38	0189-L	Inlet Camshaft Timing Pin (VTC)	
X - SP 23069-44	0178-E 0188-J/J1 5711-TE	Tensioner Adjuster	
Y - SP 23069-46	0134-AF 0188-F	Flywheel Locking Tool	
Z - SP 23069-49	0188-J2	Tensioner Adjuster	
AA – SP 23069-51	7017-TW	Tensioner Wrench 8 mm.	
AB - SP 23069-53	0132.AK 0189-K 4533-TAD	Timing Belt Retaining Clip.	
AC - SP 23111-02	0153-A 6012-T 9765-54	Flywheel Locking Tool.	
AD - SP 23069-57	0188-P/P2 7015-T	Crankshaft Pulley Remover.	



Refer to pages 22 – 23 for full Vehicle / Model / Engine Code applications list.

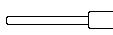
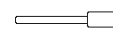
Full details of components and fitting instructions can be found on www.sykes-pickavant.com

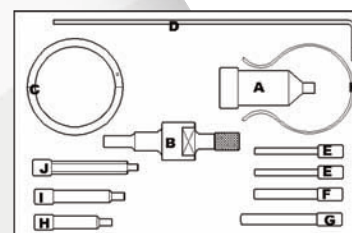
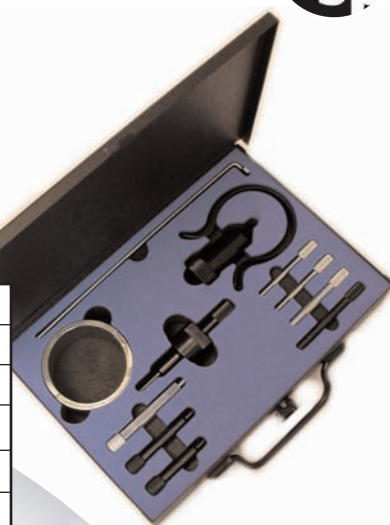
PSA Group (Peugeot / Citroen) Twin Cam Kit – 11 piece set 07754100

PSA Group (Peugeot/Citroen) EW Series 16v Petrol Engines – 11 piece set

Applications:

Petrol Peugeot 206,307,406,607,806,807 1.8 / 2.0 / 2.2 16v (EW Series)
Citroen Xsara / Picasso, C4, C5, C8 1.8 / 2.0 / 2.2 16v (EW Series)

Ref.	OEM Ref.	Description	
A - SP 23055-06	0189-C	Flywheel Locking Pin.	
B - SP 23061-12		Flywheel Locking Pin.	
C - SP 23061-14		Tensioner Adjusting Tool	
D - SP 23061-15		Tensioner Locking Tool	
E - SP 23069-04	0132-AB 4527-T-S2	Camshaft Locking Pin 5mm. (2)	
F - SP 23069-25	0189-B	Crankshaft Tming Pin.	
G - SP 23069-33	0132.AJ2 0188-M 4533-TAC2	Tensioner Setting Pin.	
H - SP 23069-36	0189-A	Camshaft Timing Pin.	
I - SP 23069-37	0189-AZ	Camshaft Timing Pin.	
J - SP 23069-38	0189-L	Inlet Camshaft Timing Pin (VTC)	
K - SP 23069-53	0132.AK/0153-AK 0187-J 0188-K/0189-K 4533-TAD	Timing Belt Retaining Clip.	



Renault dCi Diesel Engine Kit – 11 piece set 07755200

Renault dCi Diesel engine set – 11 piece set

Applications:

Diesel Renault 1.5dCi, 1.9dCi, 2.2dCi / Nissan 1.5dCi / Opel 2.2, 2.5 Tdi

Ref.	OEM Ref.	Description	
A - SP 23164-18	Mot 1536 KM 6203	Flywheel setting pin	
B - SP 23164-19	Mot 1537 KM 6204	Camshaft Locking Tool - Exhaust	
C - SP 23164-19E		Locking screw M8 x 60 mm (2)	
D - SP 23164-20	Mot 1534 KM 6205	Camshaft Locking Tool - Inlet	
E - SP 23164-17	Mot 1538	Hi-Pressure Fuel Pump Pulley Locking Pin	
I - SP 23054-04	Mot 1489	Crankshaft timing pin	
J - SP 23061-08		Tensioning screw M6 x 45 mm	
K - SP 23069-23	Mot 1054	Flywheel locking pin	
L - SP 23069-25	Mot 1430	Camshaft timing pin	
M - SP 23069-59	Mot 1543	Tension Pre-setting Tool.	



Exhaust Camshaft Locking Tool (B)

NB – kit ref 07755200 is also suitable for Nissan 1.5 dCi, Nissan Interstar / Primastar 1.9 / 2.2 / 2.5 dCi & Opel Vivaro / Movano 1.9 / 2.2 / 2.5 TDi applications

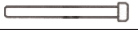
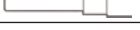
Refer to pages 22 – 23 for full Vehicle / Model / Engine Code applications list.
Full details of components and fitting instructions can be found on www.sykes-pickavant.com

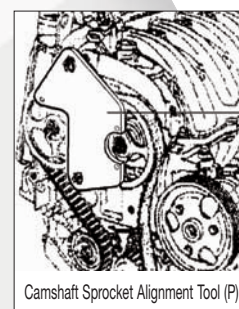
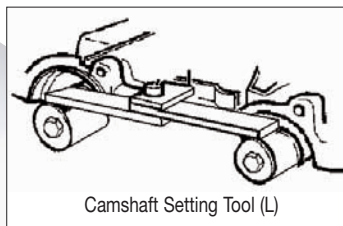
Renault Master Kit for Petrol & Diesel applications – 16 piece set 07755000

Master kit of Petrol & Diesel applications – 16 piece set

Applications:

Petrol Renault 1.2, 1.4, 1.7, 12v / 1.4, 1.6, 1.8, 2.0 16v / 2.2 8v / 2.5 20v
 Diesel Renault 1.6D, 1.9TD, 2.1D, 2.2TD, 2.5TD, 2.8D

Ref.	OEM Ref.	Description	
A - SP 23054-04	Mot. 1489	Crankshaft Timing Pin.	
B - SP 23061-08		Setscrew M6 x 30 mm.	
C - SP 23061-09		Setscrew M8x70 mm.	
D - SP 23069-21	Mot. 910	Crankshaft Timing Pin.	
E - SP 23069-22	Mot. 910	Injection Pump Timing Pin.	
F - SP 23069-23	Mot. 861/863	Flywheel Locking Pin.	
G - SP 23069-24	Mot. 1318	Crankshaft Timing Pin.	
H - SP 23069-41	Mot. 1340	Crankshaft timing pin.	
I - SP 23069-42	Mot. 1135-01	Tensioner Wrench.	
J - SP 23069-43	Mot. 1386	Tensioner Adjuster	
K - SP 23069-45	Mot. 1348	Tensioner Adjuster.	
L - SP 23069-47	Mot. 1337	Camshaft Setting Tool.	
M - SP 23069-48	Mot. 1312	Tensioner Adjuster.	
N - SP 23069-52	Mot. 1496	Camshaft Setting Tool.	
O - SP 23069-56	Mot. 1384	Tensioner Adjuster.	
P - SP 23069-58	Mot. 1490-01	Camshaft Sprocket Alignment Tool.	

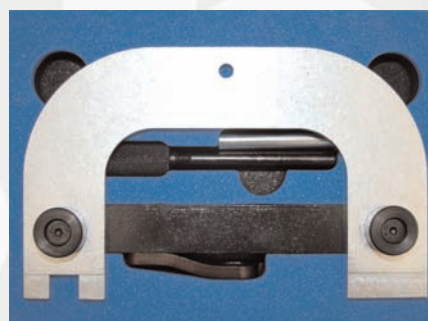
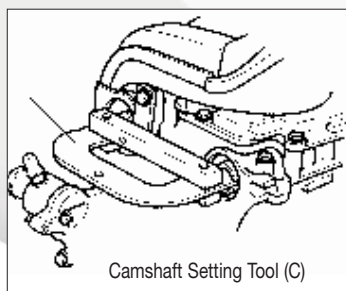


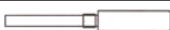
Renault 16v Petrol Engine Timing Kit – 4 piece set 07755100

Renault 16v Petrol engine set – 4 piece set

Applications:

Diesel Renault 1.4, 1.6, 1.8, 2.0 16v engines (K4, K4M, F4P, F4R)



Ref.	OEM Ref.	Description	
A - SP 23054-04	Mot 1489	Crankshaft Timing Pin.	
B - SP 23069-23	Mot 1054	Crankshaft Timing Pin.	
C - SP 23069-52	Mot 1496	Camshaft Setting Tool.	

Refer to pages 22 – 23 for full Vehicle / Model / Engine Code applications list.

Full details of components and fitting instructions can be found on www.sykes-pickavant.com

VAG Group Master Kit of Petrol & Diesel applications – 18 piece set

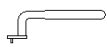
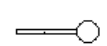
077560V2

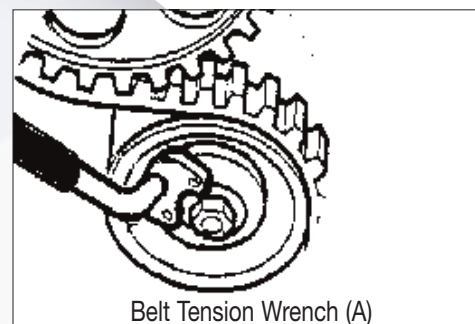
Master kit of Petrol & Diesel applications – 18 piece set

Applications:

Petrol VAG Group 1.4, 1.6, 1.8, 1.8T, 2.0, 2.2 / 1.8, 2.0 16v / 2.6, 2.8 24v

Diesel VAG Group 1.2, 1.4, 1.9TDi / 1.7, 1.9SDi / 2.5, 2.8TDi

Ref.	OEM Ref.	Description	
A - SP 23044-01	V.159 T 10020	Tension Wrench.	
B - SP 23044-03	3387 U-30009	Tension Wrench.	
C - SPT 23056-01	3242	Crankshaft locking tool.	
D - SP 23056-02	3458	Camshaft aligning tool.	
E - SP 23060-F		Shim Set. (2)	
F - SP 23061-01	2064 U-20003	Injection Pump Pulley Timing Pin.	
G - SP 23062-B	2065A U-40021	Camshaft Setting Bracket.	
H - SP 23069-11	3359 T20102 U-40074	Injection Pump Pulley Timing Pin.	
I - SP 23069-12	T10008 310-084 (23-058)	Tensioner Locking Tool.	
J - SP 23069-14	T10016	Camshaft Locking Tool.	
K - SP 23161-B	3418 T20038	Camshaft Setting Bracket.	
L - SP 23161-03	T10050 310-085 (23-059)	Crankshaft Locking Tool.	
M - SP 23161-04		Setscrew M5 x 60mm	
N - SP 23161-05	T20046	Stud and Nuts. M5 x 55mm	
O - SP 23161-06	T20046	Tensioner Pin.	
P - SP 23161-07	3369	Support Guides.	
Q - SP 23161-03C	T10100	Crankshaft Locking Tool	



VAG Group 1.2 6v & 12v 3 Cylinder Engines – 4 piece set

07756100

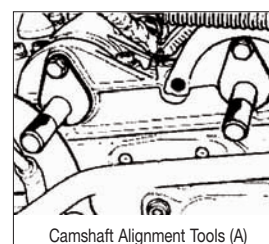
VAG Group 3 cylinder Petrol applications – 4 piece set

Applications:

Petrol VAG Group 1.2-3 cylinder engines (AWY & BMD 6v / AZQ & BME 12v)



Ref.	OEM Ref.	Description	
A - SP 23176-01	T10123	Camshaft aligning tool (2) 12v.	
B - SP 23176-02	T10120	Camshaft aligning tool 6v.	
C - SP 23176-03	T10121	Crankshaft locking tool	



Refer to pages 22 – 23 for full Vehicle / Model / Engine Code applications list.

Full details of components and fitting instructions can be found on www.sykes-pickavant.com

Diesel Fuel Pump Timing Kit – 11 piece set

07757000

Diesel Fuel Pump Timing Set – 11 piece set

Applications:

Diesel Bosch EP & VE Rotary / CAV Rotodiesel / Peugeot XUD / Nippon Denso / Kikki

Diesel Injection Pump Timing Tool Kit.

• For Bosch Rotary and Lucas, CAV Rotodiesel DPC Rotary Injection Pumps – Top Entry.

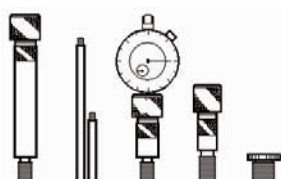
• With a special Top Dead Centre indicator for the Peugeot XUD engine range.

This set includes special purpose adaptors and extensions complete with an interchangeable Dial Test Indicator which measures upto 8 mm. with increments of 0.01 mm. Adjustable bezel for zeroing and limit tabs.

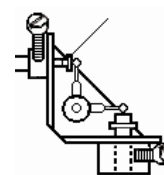
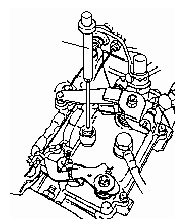
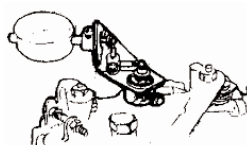
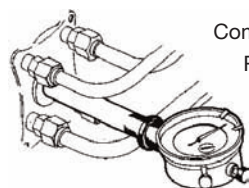


Ref.	Description	
A - SP 23065-01	M8 Adaptor, long.	
B - SP 23065-03	Extension, long 99mm.	
C - SP 23065-05	Thread convertor M8 – M12	
D - SP 23066-01	Piston Height Adaptor M14	
E - SP 23066-03	Extension	
F - SP 23067-02	Probe	
G - SP 23067-10	Mounting Bracket Assembly	
H - SP 23072	Dial Test Indicator, 41 dia x 8 x 0.01 mm.	
I - SP 23076-01	M8 Adaptor, short	
J - SP 23076-02	Extension, short 40.8mm.	
K - SP 23077-01	M10 Adaptor, short.	

07757000	1	1	1	1	1	1	1	1	1	1	1
Application	(A) SP 23065-01	(B) SP 23065-03	(C) SP 23065-05	(D) SP 23066-01	(E) SP 23066-03	(F) SP 23072	(G) SP 23076-01	(H) SP 23076-02	(I) SP 23067-02	(J) SP 23067-10	(K) SP 23077-01
Alfa Romeo	☐	☐				☐	☐	☐			
Audi	☐	☐				☐	☐	☐			☐
Bedford	☐	☐	☐			☐					
BMW	☐	☐				☐	☐	☐			
Citroën				☐	☐	☐			☐	☐	
Dacia						☐			☐	☐	
Daihatsu	☐	☐				☐	☐	☐			
Fiat	☐	☐				☐	☐	☐	☐	☐	
Ford	☐	☐				☐	☐	☐	☐	☐	☐
Isuzu	☐	☐				☐	☐	☐			
Iveco	☐	☐				☐					
Lancia	☐	☐				☐	☐	☐			
Landrover	☐	☐				☐	☐	☐			
Leyland/Daf						☐			☐	☐	
Mazda	☐	☐				☐	☐	☐			
Mitsubishi	☐	☐				☐	☐	☐			
Nissan	☐	☐				☐	☐	☐			
Opel						☐			☐	☐	
Peugeot				☐	☐	☐			☐	☐	
Renault	☐	☐				☐	☐	☐	☐	☐	☐
Rover	☐	☐				☐	☐	☐	☐	☐	
Seat	☐	☐				☐	☐	☐			
Volkswagen	☐	☐				☐	☐	☐			☐
Volvo	☐	☐				☐	☐	☐			



Timing Adaptor
Components for Bosch
Rotary VE Pumps



Pump Timing Components for Lucas, CAV Rotodiesel DPC Rotary Injection Pumps



Alfa Romeo			Kit 1	Kit 2	Citroen		Kit 1	Kit 2
145/146	1.4/1.6/1.8TS	335.03/676.01/322.01/671.06	07751000		Xsara/ 2	2.0 Hdi	RHY,RHZ	07754000
145/146	2.0TS	323.01/672.04	07751000		ZX	1.1/1.4/1.6	HDY/Z.KDX/Y.KFX.B4A.BDY.BFZ	07754000
147	1.6T/2.0TS	321.04/372.03/323.10	07751000		ZX	1.8/1.9	LFZ.LFY.D6E.DKZ	07754000
147	1.9 JTD/16V	182B9.000/371.01	07751200		ZX	1.8D/1.9D/T	A9A.XUD.D9B.DJY.DJZ.D8A.DHY	07754000
147	1.9 JTD/16V	937A2/3/4/5/7.000/192A5/192B1	07751200		ZX	2.0L16V	RFS.RFT.RFX.RFY	07754000
155/156	1.6/1.8/2.0TS	321.04/322.01/323.01	07751000		Fiat			
155/156	1.6/1.8/2.0TS	323.10/672.04/676.01/67.106	07751000		Brava/Bravo	1.2 16v	182B2.000/188A5.000	07751100
156/GT	1.9 JTD/16V	192A5/B1.000/323.02/371.01	07751200		Brava/Bravo	1.4i 12v	182A3.000/182A5.000	07751000
156/GT	1.9 JTD/16V	937A2/A4/A5	07751200		Brava/Bravo	1.6i 16v	182 A 4/6.000/182B6.000.	07751000
156	2.4 JTD	325.01/939A6.000/841C/G/M	07751200		Brava/Bravo	1.8i 16v	182 A 2.000	07751000
159/166	1.9 JTD/16V/JTDM/2.4JTD	939A1/A2/A3/A8/841C/G/M	07751200		Brava/Bravo	1.9D/TD	160A7.000/182A7/A8.000.	07751000
GTV/Spider	1.8/2.0/2.0TS	162.01/322.01/323.01/323.10	07751000		Brava/Bravo	1.9JTD	182B4/B9.000	07751200
Audi					Brava/Bravo	2.0 20v 155	182A1.000/175A3.000.	07751000
80/100	1.6/2.0/2.6/2.8	ABM.ADA.AAD.AAE.ABK.	077560V2		Coupe	1.8	183A1.000	07751000
80/100	1.6/2.0/2.6/2.8	ABT.ACE.ABC.AAH	077560V2		Coupe	2.0 16V	836 A3.000/175A1/A4.000	07751000
80	1.6D/T/1.9D/1.9TDI	JK.RA.SB.1.Y.1Z.AAZ	077560V2		Coupe	2.0 20v 155	175A3.000/182A1.000	07751000
100	2.4D/2.5D/T/2.5DTI	3D.ABP.AAT.ABP.	077560V2		Croma	1.9D JTD/ 16V	939A1/A2.000	07751200
A2	1.2/4 Tdi PD	ANY.AMF	077560V2		Doblo/Idea	1.3D JTD	188A9.000	07751200
A2	1.4/1.6	APF.AUA.BBY	077560V2		Doblo	1.6 16v	182B6.000	07751000
A3	1.6	AEH.AKL.APF.AVU.BFQ	077560V2		Doblo	1.9D/ JTD	223A6/7.000/182B9.00	07751000
A3	1.8/T	AGN.AGU.AJQ.APG.APP.AQA.	077560V2		Ducato	1.9D	149B1.000/230A2/A3/A4.000	07751000
A3	1.8/T	ARX.ARY.ARZ.AUM.AUQ	077560V2		Ducato	2.0L	RFW	07751000
A3	1.9 TDi	AGR.AHF.ALH.ASV.ASZ.ATD.AXR.	077560V2		Idea	1.9JTD	188B2.000	07751200
A4	1.6i	ADP.AHL.ALZ.ANA.ARM	077560V2		Marea	1.2	182B2.000	07751100
A4 /Quattro/A6	1.8/T	ADR.AEB.AJL.ANB.APT.APU.	077560V2		Marea	1.4i 12v	182 A 3.000	07751000
A4 /Quattro/A6	1.8/T	ARG.AVJ.AVV.AWT	077560V2		Marea	1.6i 16v	182 A 4/B6.000	07751000
A4/A6	1.9 Tdi/PD	1Z.AFF.AFN.AHH.AHU.AJM.	077560V2		Marea	1.8L 16v	182A2.000	07751000
A4/A6	1.9 Tdi/PD	ATJ.AVG.AVB.AVF.AWX	077560V2		Marea	1.9D/TD	182A7/A8.000/186A6.000	07751000
A4 /Quattro	2.0/2.4	ACE.ALT.AGA.AJG.ALF	077560V2		Marea	1.9 TD JTD	182B4/B9.000	07751200
A4	2.5 TDi	AFB.AKE.AKN.AYM.	077560V2		Marea	2.0i 20v	182 A 1.000	07751000
A6	1.8/T	ADR.AEB.AJL.ANB.APT.	077560V2		Marea	2.4D/T/JTD	185A2/A6.000	07751200
A6	1.8/T	APU.ARG.AVJ.AVV.AWT	077560V2		Multipla	1.6 16v	186A3.000	07751000
A6 /Quattro	2.0/2.4	AAE.ABK.ACE.ALT.	077560V2		Multipla	1.9JTD	182A6/B4.000	07751200
A6 /Quattro	2.0/2.4	AGA.AJG.ALF.ALW	077560V2		Pallo Weekend	1.2 16V	188A5.000	07751100
A6/A8	2.5 TDi	AFB.AKE.AKN.AYM.	077560V2		Pallo Weekend	1.6 16V	178B3.000/182B6000	07751000
TT	1.8	AJQ.APP.APX.APY.AUQ	077560V2		Pallo Weekend	1.7D	176A3.000/176B3.00	07751000
BMW					Pallo Weekend	1.9D	223A6.000	07751200
316/318	1.6/1.8	16 4E 1.18 4E 1	02270000		Panda/Punto	1.3D JTD	188A8/A9.000	07751200
316/318(E36)	1.6/1.8/1.9	16 4E 2.18 4E/4S1.19 4E/4S 1.	07758000		Punto	1.2 16V	176B9.000/188A5.000	07751100
318TD5(E36)	1.7D	17 4T 1	07758100		Punto	1.4 16V	843A1.000	07751100
320(E36)	2.0	20 6S 1.20 6S 2.20 6S 3	07758000		Punto	1.7D/DT	176B3.000/176A3/A5.000	07751000
323/325(E36)	2.5	25 6S 1.25 6S 2.25 6S 3	07758000		Punto	1.8	183A1.000	07751000
325TD/TDS(E36)	2.5D	25 6T 1/-L	07758100		Punto	1.9D/JTD	188A2/A3/A7.000	07751200
328/M3(E36)	2.8/3.0/3.2	28 6S 1.30 6S 1. 32 6S 1	07758000		Stilo	1.2	188A5.000	07751100
316(E46)	1.9	19 4E 1	07758000		Stilo	1.6 16v	182B6.000	07751000
318D/TD(E46)	2.0D	20 4D 1	07758100		Stilo	1.9 JTD	192A1/A3.000	07751200
320(E46)	2.0/2.2/2.5/2.8/3.0	20 6S 4.22 6S 1.25 6S 4/5.	07758000		Tempra/Tipo	1.9D/TD	160D1.000A/160A6/A7.000	07751000
320(E46)	2.0/2.2/2.5/2.8/3.0	28 6S 2.30 6S 3	07758000		Ford			
330D (E46)	3.0D	30 6D 1.30 6D 2	07758100		Cougar	2.0LZetec-E SEFI	EDBA/B/C/D	077520V2
518(E34)	1.8	18 4E 1	02270000		Courier/Fiesta	1.25	DHA/B/C/D/E/F/G	077520V2
518(E34)	1.8/2.0	18 4E 2.20 6S 2.	07758100		Courier/Fiesta	1.4/1.6/1.8	FHA/FHE/L1G/T/V.RDB/RQC	077520V2
524/525TD(E34)	2.4/2.5	24 6T 8.25 6T 1. 25 6T 1L	07758100		Courier/Fiesta	1.8D/TD	RTJ/RTK/C9DC/RTN/RTQ/RTF	077520V2
525/30/40(E34)	2.5/3.0/4.0	25 6S 1/2/3.30 8S 1.40 8S 1	07758000		Escort	1.6/1.8	L1E/L1H/L1K/RDA/RKC/RQB	077520V2
520/525D(E39)	2.0D/2.5D	20 4D 1.25 6T 1	07758100		Escort	1.8D/1.8TDCI	RTE/F/H/RFD/RFK/RFS/RVA	077520V2
520/523/528(E39)	2.0/2.2/2.5/2.8	20 6S 3/4.22 6S 1.25 6S 3.28 6S 1/2.	07758000		Fiesta	1.4D TDCI	F6JA/B/C	07752200
530D(E39)	3.0D	30 6D 1	07758100		Fiesta	1.25	F8JA/B/FUJA/B/M7JA/B	077520V2
530/35/40(E39)	3.0/3.5/4.4	30 6S 3.35 8S 1/2 2.44 8S 1/2	07758000		Fiesta	1.3/1.4/1.6	A9JA/B/BAJA/FXJA/B.FYJA	077520V2
730/40/50(E32)	3.0/4.0/5.0	30 8S 1.40 8S 1.50 12 A	07758000		Focus	1.4/1.6 Zetec-SE SFI	FXDA/B/C/D/FYDA/B/C/D	077520V2
725/30TDS(E38)	2.5D	25 6T 1.30 6D 1	07758100		Focus	1.8/2.0 Zetec-E SFI	EYDB/C/D/E/F/G/I/J/EDDB/C/D/F	077520V2
728/30/40/50 (E38)	2.8/3.0/3.5/4.0/4.4/5.4	28 6S 2.30 8S 1.35 8S 1.35 8S2.	07758000		Focus	1.8 DuraTorq-TDCI	F9DA/B/FFDA/BHDA/B/C9DA/B/C	077520V2
728/30/40/50 (E38)	2.8/3.0/3.5/4.0/4.4/5.4	40 8S 1.44 8 S1/2.54 12 1/2	07758000		Focus Cmax	1.6TDCI	DV6TED4	07752200
840/850 (E31)	4.0/4.4/5.4/5.0/5.6	40 8 S1.44 8 S1.54 12 1.56 12 1	07758000		Focus Cmax	1.8/2.0/1.8TDCI	CSDA/B/QUDA/B/C/AODA/B/KKDA	077520V2
X5 (E53)	3.0DT	30 6D 1	07758100		Fusion	1.25	F8JA/B/FUJA/B	077520V2
Z3 (E36)	1.8/1.9/2.0/2.2/2.8/3.2	18 4 E2.19 4 E1.20 6 S4.22 6S 1.	07758000		Fusion	1.4TDCI	F6JA/B/C	07752200
Z3 (E36)	1.8/1.9/2.0/2.2/2.8/3.2	28 6S 1/2.30 6S 3. 32 6S 1.	07758000		Galaxy	1.9 TDi	1Z/AFN/AHU/AVG/ANU/AUY	077520V2
Citroen					Mondeo	1.6 /1.8 16V Zetec-E	L1F/J/L/N/Q/RKA/B/F/H/J/K/	077520V2
AX	1.0/1.1/1.4	CDY.CDZ.HDY.HDZ.K6B.	07754000		Mondeo	1.8	CDBB/CGBA/CHBA/B	077520V2
AX	1.0/1.1/1.4	KDX.KDY.KDZ.KFY.KFZ.	07754000		Mondeo	1.8D TDCI	RFN/RFM	077520V2
AX	1.4/1.5D	K9ATUD3.VJY	07754000		Mondeo	2.0 16V Zetec SEFI	NGA/B/C/D/CJBA/B	077520V2
Berlingo	1.1/1.4	HDY.HDZ.KFW.KFX	07752200	07752100	Mondeo	2.0D DuraTorq-TDCI/DI	FMBAB/B/HJBA/B/C/N7BA/D5/6BA	07752200
Berlingo	1.4 Hdi 16V	8H9	07754000		Puma	1.4/1.6/1.7	FHD/FHF/L1W/MHA	077520V2
Berlingo	1.6/1.8	NFULFX	07754000		Transit Connect	1.8/1.8DCI	EYPA/C/HCPA/BHPA	077520V2
Berlingo	1.8D/1.9D/T	A9A.DJY.D9B.WJY.WJZ.	07754000		Ford	2.0/2.4D DI	ABFA/D3FA/F3FA/D0/2/4FA/F4FA	07752200
Berlingo	2.0HDI	RHZ.RHY	07754000		Transit	2.5D	4FA/B/C/D.4HB/C	077520V2
BX	1.4/1.6/1.7D/1.9	KDY.KDZ.BDZ.161A XUD.D6D.DKZ	07754000		Transit	2.5TD	4EB/C/D.4GA/B/C/D/E.4HB/4ED	077520V2
C15	1.0/1.1/1.4/1.9D	C/H1A.HDZ.K1G.K2D.K3A.KDY.WJZ	07754000		Land Rover			
C2/C3/C4/C5	1.4 /1.6 Hdi 8v	8HY/W/V/Y/X.9HX/Y/Z	07752200	07752100	Freelander	2.0D	TD4	07758100
C2/C3/C4	1.4/1.6	NFULFX	07754000		Range Rover	2.5DT	256T	07758000
C4	2.0 16V	RFK/RFN	07754100		Mazda			
C5/C8	1.8/2.0 16V	6FZ/RLZ/RFN	07754100		121	1.25	DHA	077520V2
C5/C8	2.0/2.2 Hdi	RHM/RHT/RYH/RHZ/4HW/4HX	07754000		Nissan			
C8	2.2 16V	3FZ	07754100		Micra/Kubistar	1.5DCI	K9K	07755200
Evasion	1.8/2.0	LFW/LFZ/RFU/RFV/RGX	07754000		Interstar/Primstar	1.9/2.5dci	F9Q 760/762/ G9U 730	07755200
Evasion	1.9/2.1D/TD 2.0HDI	D8B/DHX/P8C/RHW/RHZ	07754000		GM			
Evasion	2.0 16V	RFN.	07754100		Agila	1.3 Dti	Z13DT	07751200
Jumper/Relay	1.9/2.1/2.5D/TD/TDI	WJZ/D9B/DJY/DHX/D8C	07754000		Agila	1.0 12v	Z10XEZ10XEP	07753000
Jumper/Relay	1.9/2.1/2.5D/TD/TDI	P8C/T9A/THX/THZ	07754000		Astra-F	1.4/1.6	C14NZ/C14SE/C16SE/X16SZ/R	07753000
Jumper/Relay	2.0	RFW	07754000		Astra-F	1.7D/2.0	17DR/X17DTL/C20XE	07753000
Jumper/Relay	2.0/2.2HDI	RHV/RHZ/4HY	07754000		Astra-F	1.4/1.6/1.8/2.0 16V	X14XE/X16XEL/C/X18XE/X20XEV	07753000
Picasso	1.6/1.8/2.0HDI	NFZ/LFY/RHY	07754000		Astra-G	1.2	X12XE	07753000
Picasso	1.8/2.0 16V	6FZ/RLZ/RFN	07754100		Astra-G	1.4/1.6/1.8/2.0	Z14XE/X14XE/X16XEL	07753000
Saxo	1.0/1.1/1.4/1.6	CDY/Z..HDY/Z.KFW/X.NFX.NFZ	07754000		Astra-G	1.8/2.0	/X18XE/Z18XEL/Z18XE/X20XEV	07753000
Saxo	1.5D	VJY.VJX.VJZ	07754000		Astra-G	1.6/1.7 D/2.0	X16S2R/Y16XE/X17DTL/Z20LET	07753000
Synergie	1.8/2.0/2.0HDI	LFW/RHZ/RFU.RGX	07754000		Astra-G	2.0D/DT/2.2DTI	X200TL/Y20DTH/Y20DTL/Y22DTR	07753000
Xantia	1.6/1.8	BFZ.LFY.LFZ	07754000		Astra-H	1.8	Z18XE	07753000
Xantia	1.9D/1.9TD/2.1DT	DHX.D9B.DJZ.DHY.DHW.P8C	07754000		Astra-H	1.9DCTDI	Z19DTH	07751200
Xantia	2.0HDI	RHY.RHZ	07754000		Corsa-B	1.5/1.7D	15D/15DT17D/X17D	07753000
Xantia	2.0L16V	RFV.RFX.RFY.RGX	07754000		Corsa-B	1.0/1.2	X10XE/X12XE	07753000
XM	2.0L	R6A.RFZ.RGX.RGY	07754000		Corsa-B	1.2/1.4	12NZ/X12SZ/X14SZ/X14XE	07753000
XM	2.1/2.2/2.5DT	P8A.P8B.P8C.P9A..THY	07754000		Corsa-B	1.2/1.4	C12NZ/C14NZ/C14SE	07753000
Xsara	1.4 Hdi 8v	8H9	07752200	07752100	Corsa-C	1.3 Dti	Z13DT	07751200
Xsara	1.5D	VJY.VJZ	07754000		Corsa-C	1.0 12v	Z10XE/Z10XEP	07753000
Xsara	1.4/1.6 16V	KFX.KFW.NFZ.NFU	07754000		Corsa-C	1.8 16v	Z18XE	07753000
Xsara	1.8	LFX.LFY.LFZ	07754000		Frontera-A	2.2i 16V	X22XE	07753000
Xsara	1.8D/1.9D/T	A9A XUDWJY/ZDJY.DHV.DHX.DHY	07754000		Frontera-B	2.2D/2.2DT	X22DTH/Y22DTH	07753000
Xsara/ 2	2.0 16v	RFN.RFV.RFS.RFY.	07754000		Frontera-B	2.2	X22SE/Y22SE	07753000
					Meriva	1.3D CDTI	Z13DT	07751200



		Kit 1		Kit 2		Renault				Kit 1		Kit 2	
GM	Meriva	1.6/1.8	Z16XE/Z18XE	07753000	07753100	Master	2.2DCI	G9T 720/722		07755200			
	Monterey	3.0DT	4JX1/4JG2T/C	07753000		Master	2.5D	S8U720/722/730/742/748/750/752		07755000			
	Movano	1.9/DTI /CDTI	F9Q/772/774	07755200		Master	2.5D/T	S9U700/702/704/714/770/772		07755000			
	Movano	2.2D DTI	G9T 720/722/750	07755200		Master	2.5DCI	G9U 720/724		07755200			
	Movano	2.5D DTI	G9U A720/724/726/750/750	07755200		Master	2.8DTI	S9W 700/702		07755000			
	Movano	2.5D EGR/2.8DT EGR	S8U 772/S9W 700/702	07755000		Megane	1.4/16V	E7J 624/626/764.K4J714/750/		07755000			
	Omega-B	2.0/2.2D DTI	X20DTH/Y22DTH	07753000	07753300	Megane	1.6/ 16V	K4M 700/701 /720.K7M702/703/720		07755000	07755100		
	Omega-B	2.5D/DTI	Z5DT/X25DT	07758000		Megane	1.9D/DT	F8Q 620/622/624/784/786		07755000			
	Omega-B	2.0/2.2 16V	X20XEV/Y22XE/Z22XE	07753000		Megane	1.9DCI	F9Q 732		07755200			
	Signum	1.8L	Z18XE	07753000	07753100	Megane	1.9DTI	F9Q 730/731/734/736		07755000			
	Signum	1.9D CDTI	Z19DT/Z19DTH	07751200		Megane	2.0	F3R 750/51/791/796.F7R 710/714		07755000			
	Signum	2.0/2.2DTI	Y20DTH/Y22DTR	07753000	07753300	Megane II	1.4 16V	K4J 730		07755200			
	Sintra	2.2 Diesel	X22DTH	07753000	07753300	Megane II	1.5/1.9D DCI	K9K 722/728/729.F9Q 800/808		07755200			
	Sintra	2.2	X22XE	07753000		Modus	1.5D DCI	K9K 750/752/760		07755200			
	Speedster	2.0L	Z20LET	07753000		Safrane	2.0/16V /2.2	J7R 732/733/734/735. N7Q 710/711		07755000			
	Tigra	1.3D CDTI	Z13DT	07751200		Safrane	2.1/2.2DT	J8S 760.G8T740		07755000			
	Tigra	1.4/1.6/1.8	X14XE/X16XE/Z18XE	07753000	07753100	Safrane	2.2/2.5	J7T 760/761/762.N7U 700/701		07755000			
	Vectra-A	1.6/2.0/1.7D	C16NZ/E16NZ/C20LET/17DR	07753000		Scenic	1.5/1.9D DCI	K9K 722/728/729.F9Q732/733		07755200			
	Vectra-A	2.0i 16V	X20XEV	07753000	07753100	Scenic	1.9DTI	F9Q 731/734/736		07755000			
	Vectra-B	1.6/1.7DT	X16SZR/X17DT	07753000		Super 5 Express	1.4/1.7	E7J 720/724.F3N 702/716/717/722		07755000			
	Vectra-B	2.0/2.2DT/DTI	X20DTH/X20DTH/Y20DTH/Y22DTR	07753000	07753300	Traffic	2.1/2.5D	J8S 620/758.S8U 720/722/750/752/758		07755000			
	Vectra-B	1.6/1.8/2.0	X16XEL/Y16XE/Z16XE	07753000	07753100	Traffic	1.9/2.5DCI	F9Q 760/762. G9U 730		07755200			
	Vectra-B	1.8/2.0	X18XE1/X18XE/Z18XE/X20XEV	07753000	07753100	Twingo 2	1.2	D7F B700/C701		07755000			
	Vectra-C	1.9D CDTI	Z19DT/Z19DTH	07751200		Vel Satis	2.2 dci	G9T 702		07755200			
	Vectra-C	2.0D/DT/2.2DTI	Y20DTH/Y22DTR	07753000	07753300	Rover/MG							
	Vectra-C	1.6/1.8	Z16XE/Z18XE/Z18XEL	07753000	07753100		All Models	1.4/1.6/1.8	K16 SERIES		02240000		
	VIVARO	1.9/2.5TDI	F9Q760/G9U 730	07755200			Saab						
	Zafira	1.9D CDTI	Z19DTH	07751200		9-3		1.8i	Z18XE		07753000		
	Zafira	1.6/1.8/2.0	Z16YNG/Z16XE/X16XEL	07753000	07753100	9-3		1.9D TID	Z19DT/DTH		07751200		
	Zafira	1.8/2.0	X18XE1/Z18XE/Z20LET	07753000	07753100	Seat							
	Zafira	2.0D/DT/2.2DTI	X20DTH/Y20DTH/Y22DTR	07753000	07753300		Alhambra	1.8/2.0	AJH.AWC.ATM		077560V2		
Peugeot	106	1.4D/1.5D	K9Y/VJY/VJZ	07754000			Alhambra	1.9 Tdi	1Z.AFN.AHU.ANU.AUY.AVG		077560V2		
	106	1.0/1.1/1.4	CDY/Z/HD/Y/Z/KDX/Y/KFW/X/Z	07754000		Arosa	1.4 16V/1.4TDI/1.7SDI	AFK.AQQ.AUB/AMF/AMK		077560V2			
	106	1.6	NFW/NFX/NFY/NFZ	07754000		Cordoba	1.2	AZQ		07756100			
	205	1.1/1.4/1.9	HDZ/K1D/KDY/KDZ/KFX/BDY	07754000		Cordoba	1.4 16v/1.6	AFH.IF.AFT.ABS.ADL		077560V2			
	205	1.9/1.9D	DFZ/D6B/DKZ/DJZ	07754000		Cordoba	1.7SDI/1.9D	AKW.1.Y.		077560V2			
	206/206CC	1.1/1.4/1.6	HFZ/HFX/HTY.KFW/KFX.NFZ/NFU	07754000		Cordoba	1.9DT/1.9TDI	AAZ.AEY.1Z.AFN.AHU.ALH.AEY		077560V2			
	206/307/407/1007	1.4/1.6 HDI	8HX/9HY/9HZ	07752200		Cordoba	2.0/16V	2E.ABF.AGG.		077560V2			
	206	1.9D	WJY/WJZ	07754000		Ibiza	1.2	AZQ		07756100			
	206/307	2.0	RFR/RFN/RFK	07754100		Ibiza	1.4/1.6	AFH.1F.AEH.AFT.AKL.,		077560V2			
	306	1.1/1.4/1.6	HDZ/KDX/KFW/KFX/NFT/NFZ	07754000		Ibiza	1.7SDI/1.9D/1.9DT/1.9TDI	AKW.AGP.AQM.ATD.AEY		077560V2			
	306	1.8D/1.9D/2.0HDI	A9A/D8A/D9B/DJY/DJZ/DHY/RHY	07754000		Ibiza	1.9TDI	1Z.AFN.AGR.AHU		077560V2			
	306	1.8/2.0	LFY/LFZ/RFS/RFX	07754000		Ibiza	1.8/2.0	ADL.ABS.2E.ABF.AGG		077560V2			
	307/CC	1.4/1.6 2.0HDI	KFW/NFU/RHY/RHZ/	07754000		Leon	1.4/1.6/1.8	AHW.APE.AEH.AKL.AGN.		077560V2			
	309	1.1/1.4/1.6/	HDZ/KDY/KDZ/BDY/BDZ/B2A/	07754000		Leon	1.9SDI/TDI	AGP.AQM.AGR.ALH		077560V2			
	309	1.8D/1.9D	161A/162/D9A/DJZ	07754000		Terra	1Y	1W		077560V2			
	309	1.9/1.9GTI	DFZ/DDZ/D6C/DFW/DKZ	07754000		Toledo	1.4/1.6/1.8/2.0	1Y/AAZ.1Z.AGR.AFN.AHU.ALH.		077560V2			
	405	1.4/1.6/1.8/1.9	KDX/B1E/BDY	07754000		Toledo	1.9D/TDI	AHW.APE.1F.AEH.AFT.		077560V2			
	405	1.4/1.6/1.8/1.9	BFZ/LFZ/D2C/DFZ/DDZ/DKZ	07754000		Toledo	1.9D/TDI	AKL.ABS.AGN.ABF.AGG.2E		077560V2			
	405	1.8DT/1.9/1.9DT	A8A/AJZ/DJZ/DJY/D9B/DHY	07754000		Skoda							
	405	2.0	RFX/RFY/RGZ	07754000			Fabia	1.2	AWY.AZQ.BME		07756100		
	406	1.6/1.8/2.0	BFZ/LFY/LFX/RGX/RLZ	07754000			Fabia	1.4i 16v/2.0	AUA.AUB.BBY.BBZ.AZL		077560V2		
	406	1.9TD	DHW/DHX/DHY/DBB	07754000		Fabia	1.9D	AEF		077560V2			
	406/407/607/806/80	1.8/2.0/2.2	6FZ/RFN/RFR/3FZ	07754100		Octavia	1.9SDI/TDI/PD	AGP.AQM.AGR.AHF.ALH.ASV.ATD.		077560V2			
	406	2.0/2.2HDI.1TD	P8C/RHZ/RHY/4HX/4HZ	07754000		Octavia	1.4/1.6	AXP.BCA.AEH.AKL.BFQ		077560V2			
	605	2.0/2.1TD	R6A/RFZ/RGX/RGY/P8C	07754000		Octavia	1.8T/2.0	AGU.ARX.ARZ.AUM.AGN.		077560V2			
	607	2.0/2.2HDI	RHZ/4HX	07754000		Octavia	1.8T/2.0	AQY.AEG.APK.AZH.AZJ.		077560V2			
	806	1.9TD/2.1TD/2.0HDI	DHX/D8B/P8C/RHW/RHZ	07754000		Superb	1.9 TDI 130cv	AVF.AWX		077560V2			
	806	1.8/2.0	LFW/RFU/RGX	07754000		VW							
	Boxer	1.9D/1.9TD	D9B/DJY/DHX/D8C	07754000			Beetle	1.6/1.8/2.0	AWH.AYD.BFS.AVC.AQY.AZJ		077560V2		
	Boxer	2.2HDI/2.5D/2.5TDI	4HY/T9A/T8A/THX	07754000			Beetle	1.9TDI/PD	AGR.ALH.ATD.AXR		077560V2		
	Expert	1.9D/1.9TD/HDI	D9B/WJY/Z/DHX/D8B/RHW/X/Z	07754000		Bora	1.4/1.6	AHW.APE.AUA.BCA.AEH.AKL.		077560V2			
	Expert	2.0	RFN	07754100		Bora	1.4/1.6	AKS.APF.AVU.BFQ		077560V2			
	Partner	1.1/1.4/1.6/1.8	HDZ/HFX/KFX/KFW/NFU/LFX	07754000		Bora	1.8/2.0	AGN.APK.AQY.AZH.AZJ		077560V2			
	Partner	1.6HDI	9HW	07752200		Bora	1.9 SDI/TDI	AGP.AGR.AJM.ALH.ANU.		077560V2			
	Partner	1.8D/1.9D/2.0HDI	A9A/D8B/DJY/WJZ/WJY/RHY	07754000		Bora	1.9 SDI/TDI	AQM.ASV.ASZ.ATD.AUY		077560V2			
Renault	19	1.4/1.7	E7J 742.F3N740/741/742/743	07755000		Caddy	1.4/1.6	APE.1F.AFT.		077560V2			
	19	1.8/16V	F3P 700/4/5/6/7/8/760/682/764.	07755000		Caddy	1.7SDI/1.9SDI/1.9TDI	AKW.AEY.AQM.AFN.AHU.ALE.		077560V2			
	19	1.9D/DT	F8Q706/742/744	07755000		Fox	1.2	AWY.BMD		07756100			
	21	1.7	F2N710/712.F3N722/723/726	07755000		Golf 111	1.6.2.0	AEK.2E.ABF		077560V2			
	21	1.9D	F8Q710.	07755000		Golf 111	1.9SDI/1.9TDI	1Z.AEY.		077560V2			
	21	2.1D/DT	J8S 704/714/600/740/784/786/788	07755000		Golf IV	1.4 16V	AHW.AKQ.APE.AXP.BCA		077560V2			
	21	2.0/T/2.2	J7R 740/746/747/752/756.J7T 754	07755000		Golf IV	1.6/1.6 16V	AKL.AEH.APF.AVU.BFQ.		077560V2			
	25	2.0/16V /2.2	J7R 726.J6R 706/07/60.	07755000		Golf IV	1.6/1.6 16V	ATN.AUS.AZD.BCB		077560V2			
	25	2.2	J7T 708/732/733			Golf IV	1.8	AGN.AQU.AQA.ARZ.		077560V2			
	25	2.1D/DT	J8S 706/736/738	07755000		Golf IV	1.9SDI/1.9TDI	AGP.AGR.AJM.ALH.AQM.AUY.AXR		077560V2			
	Clio	1.2	D7F 730.E7F 700/706/708/750	07755000		Golf IV	2.0	APK.AQY.AZH.AZJ.BEH		077560V2			
	Clio	1.4/1.7	E7J 718/719/754.F2 770	07755000		LT	2.4D	1G.1.SDV.DW.ACL.ACT		077560V2			
	Clio	1.8/2.0	F3P 710/12/14/54/55/58.F7R 700	07755000		LT	2.5SDI /TDI	AGX.AHD.ANJ		077560V2			
	Clio	1.9D(LUCUS)	F8Q 730/732/630/632/662	07755000		Lupo	1.2/1.4 Tdi/1.7SDI	ANY.AYZ.AMF.AKU.		077560V2			
	Clio 2	1.2/1.4	D7F 720/726/746.E7J 634/635/80	07755000		Lupo	1.4 16V	AFK.AHW.AKQ.APE.AQQ.AUA.AUB		077560V2			
	Clio 2	1.4 16V	K4J 710/711/712/713/715	07755000	07755100	Passat	1.6i	ADP.AEK.AFT.AKS.ANA.ARM.		077560V2			
	Clio 2	1.6 16V	K4M744/745/748	07755000	07755100	Passat	1.8/T	ADR.AEB.AFY.ANB.		077560V2			
	Clio 2	1.5 dci	K9K 700/702/704/710	07755200		Passat	1.8/T	APT.APJ.ARG.AWT		077560V2			
	Clio 2 ph2	2.0 16V	F4R 730/732/736	07755000	07755100	Passat	1.9D/DT/DTI	1Y.IZ.AAZ.AFN.AHH.		077560V2			
	Clio 2 ph2	2.0	F3R 728/729/742/768/769	07755000	07755100	Passat	1.9D/DT/DTI	AHU.AJM.ATJ.AVF.AVG.AWX		077560V2			
	Espace	2.0	F4R 700/701 J7R 760/768	07755000	07755100	Passat	2.0TDI PD	BKP.BMR.BUZ.BVE.		077560V2			
	Espace	2.0	J8S 610/740/72/76/78B621.	07755000		Passat	2.0i	2E.ABF.AGG.APK.AZM		077560V2			
	Espace	2.1TD	G8T 714/716	07755000		Passat	2.5 Tdi	AFB.AKN.		077560V2			
	Espace	2.2DT	J7T770/772/773/776	07755000		Polo	1.2	AWY.AZQ.BME		07756100			
	Espace	2.2	G9T 710	07755200		Polo	1.4 16v	AFH.AFK.AHW.APE.		077560V2			
	Espace	2.2 DCI	F9Q 820.G9T742/743	07755200		Polo	1.4 16v	AQQ.AUA.AUB.BBY.BBZ		077560V2			
	Espace 1V	1.9D DCI	D7F 710/720/726/744/764/766	07755000		Polo	1.4D/1.4TDI	1W.AMF/		077560V2			
	Kangoo	1.2	E7J 634/325/780	07755000		Polo	1.6i	1F.AEH.AFT.AKL.AKS.APF.		077560V2			
	Kangoo	1.5 dci/1.9DCI	K9K 700/02/04/10/14/16.F9Q790/792	07755200		Polo	1.7D/1.7SDI	AHB.AHB.AKU.AKW		077560V2			
	Kangoo	1.9D	F8Q 630/632/662	07755000		Polo	1.9D/DT/SDI	1Y.AEF.AEY.AGD.AGP.AQM.ASX.		077560V2			
	Laguna	1.6 16V	K4M 720/4	07755000	07755100	Polo	1.9D TDI/PD	AGR.AHU.ALE.ALH.ASV.ATD.AXR.		077560V2			
Laguna	1.8/16V	F3P 670/720/724.F4P 760/770/771	07755000	07755100	Sharan	1.8T/2.0	AJH.AWC.ATM		077560V2				
Laguna	1.9D/DCI	F9Q 710/716/717/718/754	0777										

Flywheel Locking Tool

02200000

GM – Corsa, Nova, Astra, Vectra
Petrol – 1.2, 1.4, 1.6, 1.6 16v, 1.8, 2.0
Diesel – 1.6, 1.7, Isuzu 1.5D, 1.7 D



Camshaft Locking Tool

02240000

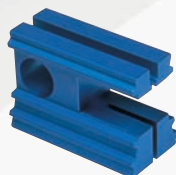
- Rover K series 16v engines



Camshaft Locking Tool GM

02280000

- GM Ecotec 1.4 & 1.6 16v engines



Precision DTI gauge

07712000

Enables fast and accurate timing of
rotary diesel injection pumps



BMW Vanos Wrench

07758006

Enables controlled clockwise turning of
the exhaust cam sprocket and
secondary chain



Crankshaft Pulley Puller

07754057

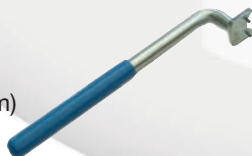
PSA Group (Peugeot / Citroen)
2.0 / 2.2 HDi engines



VAG Tensioner Wrench

07756002

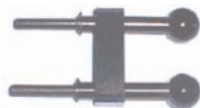
Similar specification to 07756001,
but with extra long handle (210mm)
for 1.9TD & 2.0 16v engines



Camshaft Locking Tool

07756014

For VW Lupo, Polo, Golf
models with 1.4 / 1.6 16v engines



Camshaft Locking Tool

022300V3

Ford 16v Zetec & TDi – inc TDC timing pin
Fiesta / Focus – 1.25, 1.4, 1.6, 1.8
Mondeo / Transit – 1.8, 2.0 16v



TDC Indicator GM Diesel

02310000

- GM 1.7d & 1.7td engines



Camshaft Locking Tool GM

02290000

- GM Ecotec 1.8 & 2.0 16v engines



Universal Sprocket Holding Wrench

07752400

A multi-application wrench
with variable adjustment



Crankshaft Timing Tool

07751008

Fiat Brava, Bravo, Marea
1.9D Turbo & 2.4D Turbo



VAG Tensioner Wrench

07756001

For holding the tensioner when
tightening the tensioner locking
nut on Petrol & Diesel VAG models
Handle length 140mm



VAG Tension Lever

07756003

For holding the tensioner on the
latest generation of VAG applications
– 1.2 / 1.4 / 1.9 TDi



Crankshaft Setting Tool

07756030

For VAG Lupo, Polo, Golf etc 1.9TDi

07756033

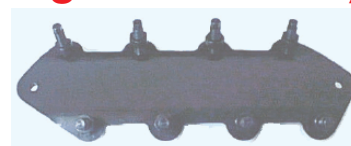
For VAG Golf, Passat etc 2.0 TDi



Valve Spring Compressor – PSA Group (Peugeot / Citroen)

07754500

Essential tool when changing the timing belt to ensure the valves are
cleared away from contact with the camshaft before setting the tension.
Peugeot / Citroen models with 1.4 / 1.6 8v Petrol engines



01410000	7	05160000	10	Alternator Tools		Exhaust Tools	
01410500	8	05350000	10	Alternator Removal Socket Set	8	Exhaust Clamps	6
01410600	8	07712000	24			Exhaust Pipe Cutter	6
01440000	7	07740500	11	Belt Adjusters & Holders		Exhaust Rubber Stretchet (pair)	6
01510100	7	07741000	11	Belt Pulley Holder V Belts	11	Exhaust Rubber Stretchet (singles)	6
01510300	7	07742000	11	Belt Pulley Holder Ribbed Belts	11		
01510600	7	07751000	13	Belt Tension Adjuster	11	Ignition Tools	
01520000	7	07751008	24	Cam Belt Adjuster 41mm	11	Feeler Gauges - cranked	7
015500V2	9	07751100	13	Cam Belt Adjuster 46mm	11	Feeler Gauges - straight	7
01610000	4	07751200	12	Cam Belt Pulley Puller	11	Glow Plug Wrenches	7
01610500	4	077520V2	14			Magnetic Spark Plug Sockets	7
01620000	7	07752100	14	Cylinder Head Tools			
01640000	7	07752200	15	Cylinder Head Stands	4	Hose Clamp Tools	
01650000	8	07752400	24	Cylinder Hone Set 4 in 1	5	Hose Clamp Driver Set + Singles	6
01659000	8	07753000	16	Cylinder Hone Tool Large	5	Plastic Hose Clamp Plier Set	6
01675000	8	07753100	16	Honing Tool Replacement Stone Sets	5	Ratcheting Hose Clamp Plier Set	6
01690000	8	07753200	15	Torx Key TX50	4		
01780000	4	07753300	15	Torx Key TX55	4	Oil Filter Removers	
02180000	6	07754000	17	Diesel Injector Tools		Oil Filter Remover - Band Type	9
02200000	24	07754057	24	Diesel Injector Sockets - Individual	7	Oil Filter Remover - Claw Type	9
022300V3	24	07754100	18	Diesel Injector Socket Set	7	Oil Filter Remover - Chain Wrench	9
02240000	24	07754500	24	Injector Puller	7	Oil Filter Remover - Strap Wrench	9
02280000	24	07755000	19	Drain Plug Keys		Strap Wrench - Heavy Duty	9
02290000	24	07755100	19	Drain Plug Key Set 6 piece	9		
02310000	24	07755200	18	Drain Plug Key Set 5 piece	9	Oxygen (Lambda) Sensor Tools	
02800000	5	07756001	24	Engine Timing Tools - Kits		Lambda Sensor Socket	8
02800100	5	07756002	24	Engine Timing Kit Applications	22 & 23	Lambda Sensor Wrench	8
02800200	5	07756003	24	Engine Timing Kits Alfa / Fiat	13	Lambda Socket Set	8
02800300	5	07756014	24	Engine Timing Kits Alfa / Fiat	13		
02810000	5	07756030	24	Engine Timing Kits Alfa / Fiat	12	Piston Tools	
02810100	5	07756033	24	Engine Timing Kits BMW	12	Piston Ring Compressor - Car / LCV	5
02810200	5	077560V2	20	Engine Timing Kits BMW	12	Piston Ring Compressor - HGV	5
02810300	5	07756100	20	Engine Timing Kits Ford	14		
03110000	6	07757000	21	Engine Timing Kits Ford	15	Protection - Vehicles	
03120000	6	07758000	12	Engine Timing Kits Fuel Pump	21	Seat Cover	10
03130000	11	07758006	24	Engine Timing Kits GM	16	Wing Cover - Large	10
03140000	11	07758100	12	Engine Timing Kits GM	16	Wing Cover - Standard	10
03220000	5	08130300	10	Engine Timing Kits GM	15		
03340200	7	08510100	10	Engine Timing Kits GM	15	Thread Restorers	
03340400	7	08570000	7	Engine Timing Kits PSA	17	Oxygen Sensor Thread Restorers	8
03340600	7	316600V2	11	Engine Timing Kits PSA	18	Spark Plug Thread Restorers	7
03575000	6	66021000	2	Engine Timing Kits Renault	19		
03579500	6	66030000	10	Engine Timing Kits Renault	19	Transmission Tools	
03800000	2	66037000	5	Engine Timing Kits Renault	18	Clutch Retaining Clips	10
03810000	9	66037300	5	Engine Timing Kits Renault	18	Flywheel Puller	10
03820000	2	66040000	6	Engine Timing Kits VAG	20	Mini Flywheel Puller	10
03830000	9	66041000	9	Engine Timing Kits VAG	20		
03840000	9	66041500	9	Engine Timing Tools - Individual		Valve Tools	
03860000	9	66043000	2	Timing ToolBMW Vanos Wrench	24	Valve Collet Installer Set	3
03890000	9	66066100	7	Timing ToolFiat Crankshaft Timing Tool	24	Valve Collet Pliers	3
03950000	2	66066200	7	Timing ToolFord Camshaft Locking Tool	24	Magnetic Pick-Up	3
03950100	2	66077300	6	Timing ToolGM Camshaft Locking Tool	24	Valve Holder - Air Operated	3
03950200	2	66090200	4	Timing ToolGM Diesel TDC Indicator	24	Valve Lappers	4
03950400	2	66090300	4	Timing ToolGM Flywheel Locking Tool	24	Valve Spring Adaptors	2
03950500	2	66090400	4	Timing ToolPSA Crankshaft Pulley Puller	24	Valve Spring Compressor - CVH	2
03965000	3	66090500	4	Timing ToolPSA Valve Spring Compressor	24	Valve Spring Compressor - Multivalve	2
03970000	3	66100000	6	Timing ToolRover Camshaft Locking Tool	24	Valve Spring Compressor - OHC	2
03980000	3	66100100	6	Timing ToolUniv DTI Gauge	24	Valve Spring Compressor - OHV	2
03990000	3	66100200	6	Timing ToolUniv Sprocket Holding Wrench	24	Valve Spring Compressor - HGV	2
05150000	10	67000600	3	Timing ToolVAG Camshaft Locking Tool	24	Valvemaster Kit	3
				Timing ToolVAG Crankshaft Setting Tool	24	Viscous Fan Spanner 32mm	6
				Timing ToolVAG Crankshaft Setting Tool	24	Viscous Fan Spanner 36mm	6
				Timing ToolVAG Tension Lever	24		
				Timing ToolVAG Tensioner Wrench	24		
				Timing ToolVAG Tensioner Wrench	24		

