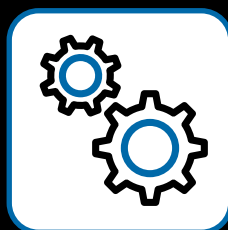


TIMING TOOLS

Solutions





AUDI/PORSCHE/SEAT/SKODA/VOLKSWAGEN

TIMING TOOLS PORSCHE 4.5 - 4.8 V8

OM 5050



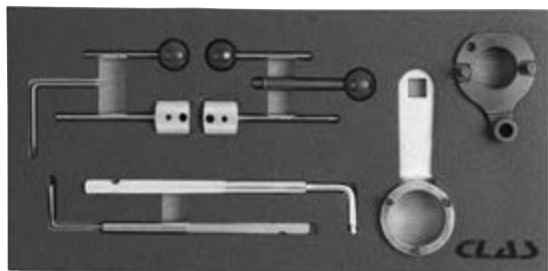
Models:
Porsche Cayenne, Cayenne S, GTS, Turbo (9PA), Panamera >2008, Panamera S, 4S, GTS, Turbo, Turbo S
Engines: 4.5-4.8L V8



TN

TIMING TOOLS VAG 1.4 - 1.6 - 2.0 CR TDI

OM 4057



Models:
Audi: A1, A3 Cabrio, A3, A3 Sportback, A4, A4 Allroad, A4 Quattro, A5 Coupé, A5 Cabrio, A5 Sportback, A6, TT, Q5
Skoda: Octavia III
Seat: Leon, Leon ST
Volkswagen: Polo, Golf VII, Golf VII Estate, Golf VII Wagon, Golf SV, Golf Sportsvan
Engines: 1.4 CR TDI, 1.6 CR TDI, 1.6 CR TDI GreenLine, 1.6 CR TDI Ecomotive, 1.6 CR TDI BlueMotion, 2.0 CR TDI, 2.0 CR TDI Ultra, 2.0 RS CR TDI, 2.0 CR GTD



TN

TIMING TOOLS VAG 2.5 TDI

OM 4055



Models: Touareg, Transporter
Engines: 2.5 TDI PD



TN

TIMING TOOLS VAG 2.7 - 3.0 - 4.0 TDI

OM 4032



Models:
Audi: A4, A5, A6, A8, Q7
VW: Touareg
Engines: 2.7TDI-3.0TDI



TN

BMW - MINI

TIMING TOOLS PSA / BMW / MINI 1.4 - 1.6 N13 - N18 - EP6

OM 4077



Delivered in a suitcase

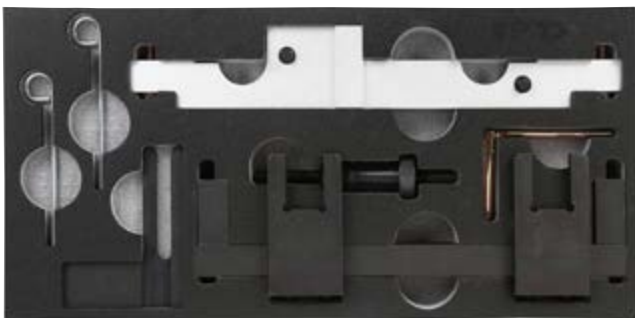
Models:
BMW: all vehicles equipped with the N13 engine
Mini: all vehicles equipped with the N18 engine
Citroën: 1.6
Peugeot: 1.6



TN

TIMING TOOLS BMW 1.6 - 2.0 N43

OM 3767



Models: 116i, 118i, 120i (E81/82/87/88), 316i, 318i, 320i (E90/91/92/93), 520i (E60/61)
Engines: 1.6, 2.0



TN

CRANKSHAFT LOCKING TOOL BMW / MINI B38 - B48 - B58 - B37 - B47 - B57

OM 5063



Applications:
- BMW: series: 1, 2, 3, 4, 5, X1, X3, X4, X5
- MINI: Hatch, Clubman, Cabriolet



TN

TIMING TOOLS BMW / MINI B37 - B47 - B57 1.5 - 2.0 - 3.0

OM 5062



Models :
BMW: 1, 2, 3, 4, 5 Series, X1, X3, X4, X5
Engines :
1.5 B37C15A, B37D15A,
2.0 B47C20A, B47C20B, B47D20A,
B47B20B
3.0 B57D30A

Models :
MINI: Hatch, Clubman, Cabriolet
Engines :
1.5 B37 C15A
2.0 B47 C20A



TN

Delivered in a suitcase



BMW - MINI

TIMING TOOLS PSA / MINI 1.4 - 1.6 VTI - THP 16V

OM 3748

Models:

Mini: One (R56), Mini Cooper (R55/R56), Clubman, Clubvan, Countryman, Coupe, Paceman, Roadster
Citroën: C3 III, C4, C4 Picasso, C5III, DS3, Berlingo III,
DS: DS3, DS4, DS5
Peugeot: RCZ, 207, 308, 2008, 3008, 5008, Partner III
Engines: 1.4 VTI, 1.5 VTI, 1.6 THP

Codes moteurs :

5F01 , 5F03 , 5F05 , 5F08 , 5FG , 5FG , 5F08 , 5FH , 5FH , 5F01 , 5FK , 5FK , 5F01 , 5FP , 5FP , 5F05 , 5FS , 5FS , 5F01 , 5FU , 5FU , 5F03 , 5FW , 5FW , 5F05 , 5G04 , 5G05 , 5G06 , 5GF , 5GF , 5G06 , 5GM , 5GM , 5G04 , 5GN , 5GN , 5G05 , 5GP , 5GR , 5GR , 5G04 , 8F01 , 8F02 , 8FN , 8FN , 8F02 , 8FP , 8FP , 8F01 , 8FR , 8FR , 8F01 , 8FS , DGX , DGX , 5G06 , DGY , DGY , 5G06 , EP3 , EP3C , EP6 , EP6C , EP6CB , EP6CDTR , EP6CDTX , EP6FADTXHPD , EP6FADTXHPE , EP6FDTR , EP6FDTX , N16B16A



Delivered in a suitcase



5 WARRANTY

TIMING TOOLS BMW / MINI B38 - B46 - B48

OM 4195



Delivered in a suitcase



2 WARRANTY

Models :

BMW: 1 Series (F20/F21) 2015-2017, 2 Series (F22/F23/F45/F46) 2014-2017, 3 Series (F30/31/F34/F36) 2015-2017, 4 Series (F32/F33/F36) 2015-2017, 7 Series (G11/G12) 2015-2017, i8 (I12) 2014-2017, X1 (F48) 2015-2017
Mini: Clubman (F54) 2015-2017, Mini Hatch (F55/F56) 2014-2017, Convertible (F57) 2016-2017, Cooper S, Cooper (One/Ray)

Codes moteurs :

B38 A12A , B38 B15A , B38 A15A , B38 K15A , B48 B20A , B48 B20B , B48 A20A , B48 A20B, B48 , B58 B30A



TIMING TOOLS BMW N20 - N26

OM 4193



Delivered in a suitcase



2 WARRANTY

Models :

BMW: 1 Series (F20/21) 2012-2014, 3 Series (F30/31) 2012-2014, 5 Series (F10/11) 2010-2014, X1 (E84) 2011-2014, X3 (F25) 2011-2014, Z4 (E89) 2011-2014
Engines: 2.0 xDrive, 2.0 sDrive

Codes moteurs :

N20 , N20 B20 , N20 B20A , N20 B20B , N26 B20



BMW - MINI

PSA/BMW INTERMEDIATE SHAFT SPRING INSTALLATION AND REMOVAL TOOLS

OM 3755

Models:

BMW/MINI: Mine one, Clubman, Clubvan, Countryman, Coupe, Paceman, Roadster
PSA: C3, C3 Picasso, C4, C4 Picasso, C5, DS3, DS4, DS5, 207, 208, 2008, 3008, 508, 5008, RCZ



2 WARRANTY

CAMSHAFT LOCKING TOOL BMW CHAIN DRIVE N47 - N57 2.0 - 3.0

OM 5064

Applications:

BMW: 1 Series (E81/82/87/88), 1 Series (F22), 3 Series (E90/91/92/93), 5 Series (E60/61), 5 Series (F10/11), 5 Series (F07), 7 Series (F01/02/04), X1 (E84), X3 (E83), X5 (E70), X6 (E71/71)



5 WARRANTY

TIMING TOOLS PSA / BMW / MINI W16D

OM 4758

Models:

Mini: Mini, Clubman
Citroën: C2, C3, C3 Picasso, C4, C4 Picasso, Grand Picasso, Xsara Picasso, C5 II, C5 III, Berlingo III
Peugeot: 206, 206 CC, 207, 207 CC, 307, 308, 308 CC, 1007, 3008, 5008, Partner III
Engines: 1.6 diesel



5 WARRANTY

TIMING TOOLS BMW / ROVER / OPEL / TOYOTA WITH CHAIN DRIVE

OM 3858

Models:

BMW: 116 E81/82/87/88 (08-12), 118 E81/82/87/88 (04-14), 120 E81/82/87/88 (04-14), 123 E81/82/87/88 (07-14), 316 E90/91/92/93 (09-12), 318 Compact E46 (01-05), 318 E90/91/92/93 (05-12), 320 Compact E46 (98-05), 320 E90/91/92/93 (05-12), 325 E90/91/92/93 (02-14), 330 E46/90/91/92/93 (99-14), 335 E90/91/92 (06-11), 520 E39/60/61 (00-10), 525 E39/60/61 F10-11 (00-12), 530 E46/60/61 F10/11 (98-13), 530GT F07 (09-12), 535 E60/61 F10-11 (04-12), 535GT F07 (10-12), 635 E63/64 (07-11), 730 E38/65/66 F01/02/04 (98-12), 740 F01/02/04 (09-12), 740 xDrive F01/02/04 (09-12), X1 sDrive E84 (09-12), X1 xDrive E84 (09-14), X3 E83 (03-10), X3 xDrive E83 (08-12), X5 E53/70 (00-12), X5 xDrive E70 (10-13), X6 E71/72 (08-10), X6 xDrive E71/72 (10-14)
Mini: Mini (10-14), Clubman (10-14), Clubvan (12-14), Countryman (10-14), Paceman (13-14), Roadster (12-14)
Land Rover: Freelander TD4 (00-06), Range Rover TD6 (02-06)
Rover-MG: MG-ZT/T (01-05), 75 CDT/CDTI (99-05)
Opel: Omega B (01-03)
Toyota: Verso, Auris, Avensis 1.6D4D
Engines: 1.6, 1.8, 2.0, 2.3, 2.5, 3.0, 3.5, 4.0 diesel



Delivered in a suitcase



5 WARRANTY



CITROËN/DS/PEUGEOT

MASTER TIMING TOOL SET PSA GENERATION 1

OM 6200



Models:
Fiat/Lancia: Ulysse, Scudo, Ducato, Zeta, Phedra
Ford: Fiesta, Fusion, Focus, Focus C-Max
Citroën: C15, C1, C2, C3 Pluriel, C4, C4 Picasso, C5, C6, C8, DS3, DS4, DS5, Xantia, Xsara, Xsara Picasso, Evasion, Berlingo, Jumpy, Jumper, Saxo, ZX, XM, Evasion, AX
Peugeot: 107, 1007, 206 cc, 207, 208, 306, 307 cc, 308, 406, 407, 508, 607, 806, 807, Partner, Expert, Boxer, 206, 106, 605, 205, 405

Engines:
Fiat/Lancia: 2.0, 2.2 JTD
Ford: 1.4, 1.6 Duratorq TDCI
PSA: 1.0, 1.1, 1.4, 1.6, 1.6 16V, 1.4, 1.6 HDI, 1.8, 1.8 16V, 2.0, 2.0 turbo, 1.9 D, 2.0 HDI, 2.2 HDI, 1.8 16V, 2.0 16V

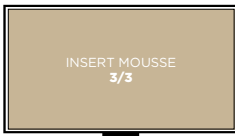
Codes moteurs :
4H01, 4HP, 4HP, 4H01, 4HR, 4HR, 4H01, 4HW, 4HX, AHY, AHY, RH02, DW10ATED, DW10ATED4, DW10BTED, DW10BTED+, DW10CE, DW10TD, DW10TUD, DW12BTED4, DW12TED4, RH02, RHS, RHV, RHW, RHX, RHY, RHZ



Components available for retail purchase at clas.com



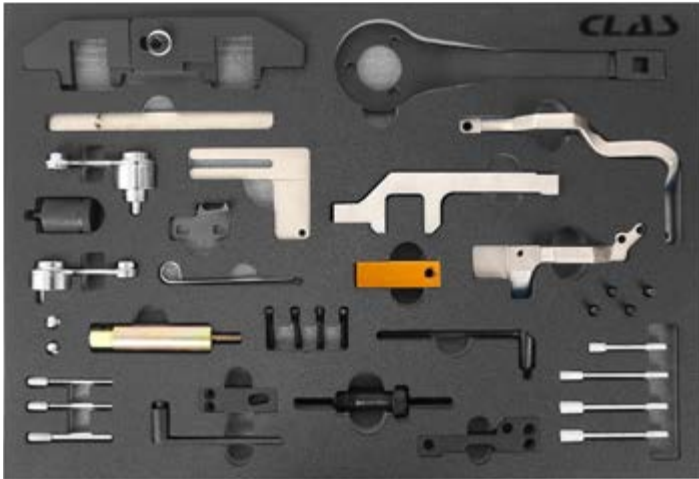
Delivered in a suitcase



TN

COMPLETE PSA / TOYOTA TIMING TOOL SET GENERATION 2©

OM 6210



Models:
PSA: 1007, 108, 206, 206 CC, 207, 207cc, 208, 2008, 301, 307, 308, 308cc, 308, 3008, 407, 407 Coupé, 5008, 607, Partner III
C2, C3, C3 Picasso, C3, C3111, C4, C4 Picasso, C4, C4 Picasso, Grand Picasso, C5 II, C5 III, C6, Berlingo III, DS3, DS3 Cab, C-Elysée, Xsara Picasso
Mini: One (R56), Mini Cooper (R55/R56), Mini Cooper S (R55/R56), Cooper/S, Mini One, Clubman
Jaguar: S-Type, XF, XJ, XJ6
Land Rover: Range Rover Sport, Discovery 3 and 4
Toyota: Aygo, Proace City

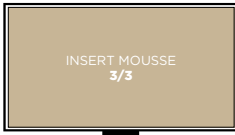
Engines: 1.0, 1.2i, 1.4, 1.4 VTI, 1.6, 1.6 VTI, 1.6 THP, 1.6 diesel, 1.8, 2.0, 2.5, 3.0 L, 2.7 D/TDV6/HDi/TDVi



Components available for retail purchase at clas.com



Delivered in a suitcase



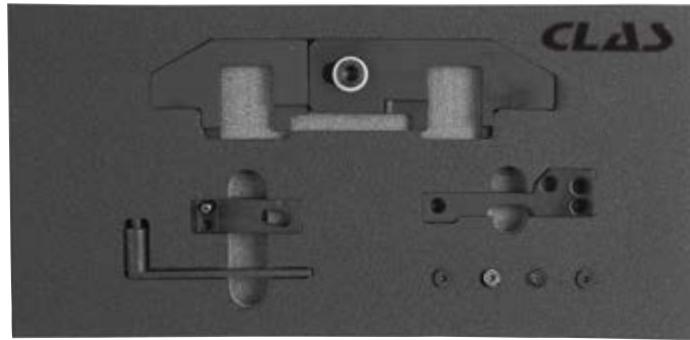
TN

CITROËN/DS/PEUGEOT

TIMING TOOLS PSA 1.0 - 1.2 3 CYLINDERS PURETECH

OM 4041

Accessory for OM 4058



Code moteur, code OEM

Find products associated with your engine code or OEM code by entering them in the search bar on clas.com.

Models:
Peugeot: 108, 208, 2008, 301, 308, 3008, 5008
Citroën: C3111, DS3, DS3 Cab, C-Elysée
Toyota: Aygo, Proace City
Opel: Grandland
Engines: 1.0, 1.2i



Delivered in a suitcase



TN

TIMING TOOLS PSA 1.2 PURETECH 12V TURBO

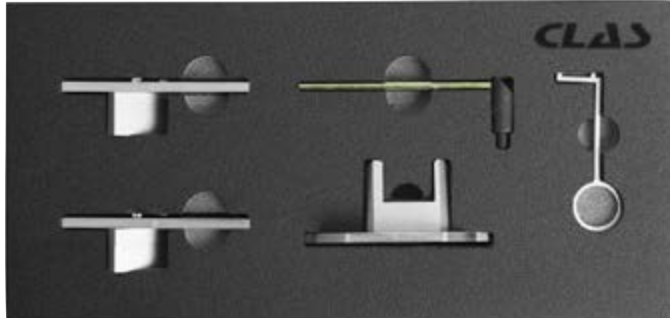
OM 3797

With this kit, you don't have to remove the following Engine components:

- fuel pump
- injectors
- fuel rail
- second aluminum cylinder head cover

No need to replace the original gasket on the aluminum cylinder head cover, and no need to replace any O-rings or copper gaskets. The Puretech Turbo engine is equipped with a vacuum pump, so you can go directly to the camshaft via the drive flat.

Also available for naturally-aspirated engines: PSA 1.0-1.2 VVT 3-cylinder Puretech OM 4041 timing set.



Models:
- Citroën: Berlingo II, Berlingo III, C3 IV, C3 Aircross, C3 Picasso, C4 Cactus, C4 III, C4 Picasso, C4 Space Tourer, C5 Aircross
- Peugeot: 208 I, 208 II, 2008, 2008 II, 308 II, 3008 I, 3008 II, 5008, 5008 II, Partner
- Opel: Combo-E (X19), Combo-E Life (X19), Crossland X (P17), Grandland X (A18), Corsa VI, Mokka II
- DS: 4, 3, 3 Crossback
- Toyota: Proace City



Delivered in a suitcase



TN

TIMING TOOLS PSA 1.2 PURETECH 12V TURBO EURO 6.3 VERSION

OM 3798

On new versions of 1.2L PURETECH EURO 6.3 engines, according to the manufacturer's recommendations, the camshaft previously fitted in place of the vacuum pump must be replaced by a new one.

Applications:

- Citroën: Berlingo II, Berlingo III, C3 IV, C3 Aircross, C3 Picasso, C4 Cactus, C4 III, C4 Picasso, C4 Space Tourer, C5 Aircross
- Peugeot: 208 I, 208 II, 2008, 2008 II, 308 II, 3008 I, 3008 II, 5008, 5008 II, Partner
- Opel: Combo-E (X19), Combo-E Life (X19), Crossland X (P17), Grandland X (A18), Corsa VI, Mokka II
- DS: 4, 3, 3 Crossback
- Toyota: Proace City



TN



CITROËN/DS/PEUGEOT

1.2 PURETECH PETROL OIL
CRANKCASE ALIGNMENT PLATE

OM 3796

CRANKSHAFT SEAL ASSEMBLY TOOL
1.0-1.2 PURETECH

OM 4142

Accessory for OM 3747/OM 4041/OM 3797

STRETCH BELT INSTALLATION
AND REMOVAL TOOL PSA

OM 4058

Accessory for OM 3797/OM 4041

Models:
Peugeot: 108, 208, 301, 308, 408,
2008, 3008, 5008, Partner
Citroën: C1, C3, C3 Picasso, C3
Aircross, C4, C4 Picasso, C4
Cactus, C-Elysée, Berlingo, DS3,
DS4, DS4 S, DS5 LS
Opel: CrosslandX

Engines: PureTech 1.0, 1.2L from
2012.

BELT GAUGE PSA 1.0/1.2
PURETECH

OM 4141

CRANKSHAFT LOCKING TOOL PSA
1.2 PURETECH 12V TURBO

OM 3799



CAMSHAFT LOCK PIN

SA 3797

Component of OM 3797

Accessory for OM 3747

FEMALE CYLINDER HEAD
SOCKET TYPE E12X140

OM 4552

PURETECH CAMSHAFT
SPROCKET RETAINING TOOLS

OM 3795

PURETECH BALANCING
SHAFT TOOL

OM 4144

All 1.2 type EB2
submerged-belt
petrol engines
fitted to Citroën,
Peugeot, Opel
and Vauxhall
vehicles.



CITROËN/DS/PEUGEOT

PSA/BMW INTERMEDIATE SHAFT SPRING
INSTALLATION AND REMOVAL TOOLS

OM 3755

Models:
BMW/MINI: Mine one, Clubman, Clubvan, Countryman, Coupe, Paceman,
Roadster
PSA: C3, C3 Picasso, C4, C4 Picasso, C5, DS3, DS4, DS5, 207, 208, 2008,
3008, 508, 5008, RCZ



TIMING TOOLS PSA / MINI 1.4 - 1.6 VTI - THP 16V

OM 3748

Models:
Mini: One (R56), Mini Cooper (R55/R56), Clubman, Clubvan, Countryman,
Coupe, Paceman, Roadster
Citroën: C3 III, C4, C4 Picasso, C5III, DS3, Berlingo III,
DS: DS3, DS4, DS5
Peugeot: RCZ, 207, 308, 2008, 3008, 5008, Partner III
Engines: 1.4 VTI, 1.5 VTI, 1.6 THP

CAMSHAFT CARRIER REMOVAL AND INSTALLATION GUIDE
DV4 DV5 DV6

OM 4106

Accessory for OM 4105

TIMING TOOLS PSA / FORD / TOYOTA /
OPEL 1.5 BLUEHDI 1.4 - 1.6 HDI

OM 4105

Models:
Citroën: Berlingo III, C3 III, C3 Aircross, C4 Cactus, C4 Spacetourer, C5 Aircross, Berlingo III
Van, Traveller, Jumpy
Mazda: 2, 3, 5
Peugeot: 208 II, 2008 II, 308 II, 308 III, 508 II, 3008 II, 5008 II, Rifter, Partner, Expert
Opel: Corsa (F) VI, Mokka, Crossland, Grandland, Combo, Combo Cargo, Zafira, Vivaro
Suzuki: Liane (RH), SX4 (RW)
Toyota: Proace City, Proace City Verso, Proace, Proace Verso
Engines: 1.5 Blue HDI



TIMING TOOLS 1.4 - 1.6 HDI - TDCI 1.8 - 2.0 D

OM 3777

Models:
Fiat/Lancia: Scudo, Zeta, Phedra
Ford: Fiesta, Fusion, Focus, Focus C-Max
Citroën: C1, C2, C3, C3 Pluriel, C4, C4 Picasso, C5,
C6, C8, DS3, DS4, Xantia, Xsara, Xsara Picasso,
Evasion, Berlingo,
Jumpy, Jumper, Saxo, ZX, XM, Evasion, AX
Peugeot: 107, 1007, 206 cc, 207, 208, 306, 307
cc, 308, 406, 407, 607, 806, 807, Partner, Expert,
Boxer, 206, 106, 605, 205, 405
Engines:
Fiat/Lancia: 2.0 16V
Ford: 1.4 -1.6 Duratorq TDCI
PSA: 1.4 -1.6 HDI, 1.8, 1.8 16V, 2.0, 2.0 turbo, 1.8 16V,
2.0 16V



Delivered in a suitcase





CITROËN/DS/PEUGEOT

TIMING TOOLS PSA / FIAT
OM 4102

TN



Engine code, OEM code

Find products associated with your **engine code** or **OEM code** by entering them in the search bar on clas.com.

Models:
Fiat/Lancia: Ulysse, Ducato, Scudo, Zeta, Phedra
Citroën: C1, C2, C3, C3 Picasso, C3 Pluriel, C4, C4 Picasso/Grand Picasso, C5, C6, C8, C-Crosser, DS3, DS4, DS5, Berlingo, Jumpy/Dispatch, Jumper/Relay, Nemo, Xantia, Xsara, Xsara Picasso, Evasion/Synergie, Saxo, ZX, XM, AX, C15
Ford: Focus, C-Max, Focus C-Max, Kuga Transit
Land Rover: Evoque, Defender
Mitsubishi: ASX, Outlander 2, Lancer
Hyundai: Genesis Coupé, IX55, Vera Cruz, Azera, Grandeur, Sonata, Sonica
Kia: Opirus, Sorento
Peugeot: 107, 1007, 206, 206+, 206 cc, 207, 207 cc, 208, 306, 307, 307 cc, 308, 308 cc, 3008, 406, 406 coupé, 407, 407 coupé, RCZ, 4007, 4008, 508, 5008, 607, 806, 807, Partner, Bipper, Expert, Boxer, 106, 605, 205, 405
Toyota: Proace, Verso
Engines: 1.4 HDI, 1.6 HDI, 2.0 HDI, 2.0 TDCI, 2.2 HDI, 2.2 TDCI, 3.3 V6 Petrol, 3.8 V6 Petrol



INSERT MOUSSE
3/3



TIMING TOOLS PSA / BMW / MINI W16D
OM 4758

TN



Models:
Mini: Mini, Clubman
Citroën: C2, C3, C3 Picasso, C4, C4 Picasso, Grand Picasso, Xsara Picasso, C5 II, C5 III, Berlingo III
Peugeot: 206, 206 CC, 207, 207 CC, 307, 308, 308 CC, 1007, 3008, 5008, Partner III
Engines: 1.6 diesel



TIMING TOOLS PSA / LAND ROVER / JAGUAR 2.7 - 3.0 V6 TDV6

TN



OM 4070



Models:
Citroën: C6, C5
Peugeot: 407, 607, 407 coupé
Land Rover: Range Rover Sport, Discovery 3, Discovery 4
Jaguar: S-Type, XJ Series
Engines: 2.7 TDV6, 2.7 D, 2.7 HDI, 3.0 SDV6/TDV6



DACIA/RENAULT/NISSAN

TN



MASTER TIMING TOOL SET RENAULT / NISSAN / OPEL / VOLVO GENERATION 1
OM 6100



Components available for retail purchase at clas.com

Models:
Renault: Clio 1-2-3-4, Clio Sport 1-2-3, Mégane 1-2-3, Master 1-2, Mégane Scénic 1-2-3, Vel Satis 1-2, Avantime, Kangoo 1-2-3, Laguna 1-2-3, Espace 1-2-3, Trafic 1-2, Wind, Modus, Twingo, Koleos
Dacia: Logan, Duster, Sandero, Dokker
Nissan: Note, Qashqai, Micra, Interstar, Primastar, Kubistar, Almera, Primera
Opel: Vivaro, Movano
Volvo: S 40, V 40
Engines: 1.2, 1.2 16V, 1.4, 1.4 16V, 1.5 DCI, 1.6, 1.6 16V, 1.6 D, 1.7, 1.8, 1.8 16V, 1.9 TD, 1.9, 1.9 DCI, 1.9 DTI, 1.9 CDTI, 2.0, 2.0 16V, 2.1 TD, 2.2, 2.2 DCI, 2.2 DTI, 2.2 TD, 2.5 DCI, 2.5 CDTI, 2.5 TD, 2.8 D



INSERT MOUSSE
3/3



COMPLETE RENAULT / NISSAN / OPEL / VOLVO
TIMING TOOL SET GENERATION 2©

OM 6110

TN



Components available for retail purchase at clas.com

Models:
Renault: Clio II, Espace 4 and 5, Fluence, Koleos, Laguna, Laguna 2, Latitude, Master, Megane, Megane 2, Scenic, Scenic RX4, Scenic 2, Grand Scenic 2, Trafic 2, Vel Satis
Mercedes: Class C, Vito
Mitsubishi: Carisma
Nissan: Navara NP300, Primastar X83, Qashqai 1 and 2, X-Trail
Opel: Arena, Vivaro-B

Engines: 1.4, 1.6, 1.8 16v, 2.0 16v, 1.6, 2.0, 2.3, 2.5, 3.5, 1.9DTI/TD, 2.3DCI/CDTI



Delivered in a suitcase

INSERT MOUSSE
3/3





DACIA/RENAULT/NISSAN

CRANKSHAFT LOCKING TOOL RENAULT / DACIA / SMART 0.9 - 1.2 TCe

OM 5070

Designed to enable the fastener to be loosened and tightened while immobilizing the pulley.
The kit is designed for Renault 0.9 L and 1.2 L gasoline engines used in Renault, Dacia and Smart cars.

Models:
Dacia: Dokker, Duster, Lodgy, Logan, Sandero
Renault: Capture 2013>2019, Clio IV 2012>2019, Kadjar 2015>2018, Kangoo II 2013+, Mégane III 2012>2017, Mégane IV 2016>2020, Scénic/Grand Scénic III 2012>2017, Scénic/Grand Scénic IV 2016>2018, Twingo II >2004
Smart: Fortwo, Forfour 2014>2019
Engines: 0.9, 1.2 TCe



TN



TIMING TOOLS RENAULT / DACIA / MERCEDES / NISSAN 1.3 TCe

OM 3697

Models:
Renault: Arkana (XJC) (19-), Capture (J87) (13-19), Captur II (XJB) (19-), Clio V (XJA) (19-), Kadjar (HFE), Koléos II (HZG) (17-),
Mégane IV (BFB/KFB/LFF) (16-), Scénic/Grand Scénic IV (JFA/RFA) (16-), Talisman (KFD/LFD)(15-).
Mercedes: A-Class (177) (18-), B-Class (247) (19-), CLA Coupé (118) (19-), CLA S/Frein (118) (19-), GLA (247) (20-), GLB (247) (19-).
Nissan: Qashqai (J11) (14-), X-Trail (T32)(14-).
Dacia: Dokker (F/K67), Plumeau (HJD) (17-), Lodgy (J92).
Engines: 1.3 TCe



TN



Delivered in a suitcase



**TOOLS DACIA NISSAN MERCEDES 0.9-1.6 ET 1.3 TCe
ENGINE WHEEL BLOCKING**

OM 4160

Models:
- Dacia: Dokker (2019), Duster (2018), Lodgy (2019), Logan (2013), Sandero (2013)
- Mercedes: A-Class (2018), B-Class (2019), CLA (2019), GLA (2019), GLB (2019)
- Nissan: Qashqai (2018), X-Trail (2018)
- Renault: Arkana (2019), Captur (2018), Clio V (2019), Kadjar (2018), Megane IV (2017), Scenic/Grand Scenic (2018), Talisman (2018)



TN



DACIA/RENAULT/NISSAN

TIMING PINS RENAULT / OPEL / NISSAN

OM 3666

Engines: 1.6D, 1.9D, 1.9TD, 1.9TDI, 1.9DCI, 1.5DCI, 1.2, 1.4, 1.6, 1.8, 1.4 16V, 1.6 16V, 1.8 16V, 1.5 Blue DCI



TN



TIMING TOOLS RENAULT / NISSAN

OM 4005

Models:
Renault: Clio 2-3-4, Clio Sport 2-3, Mégane 2-3, Mégane Scenic 1-2-3, Vel Satis 1-2, Avantime, Kangoo 2-3, Laguna 1-2-3, Espace 2-3, Modus, Koleos
Dacia: Logan, Duster, Sandero, Dokker
Nissan: Note, Qashqai, Micra, Kubistar, Almera, Primera
Engines: 1.4 16V, 1.6 16V, 1.8 16V, 2.0 16V, 2.0 16V turbo, 1.5 DCI



TN



Delivered in a suitcase



**TIMING TOOLS RENAULT / OPEL / NISSAN
/ SUZUKI DCI**

OM 3674

Models:
Renault: Clio, Kangoo, Laguna, Espace, Master, Mégane/Scénic, Trafic
Nissan: Kubistar, Interstar, Qashqai
Opel: Vivaro, Movano
Suzuki: Grand Vitara
Engines: 1.5 DCI, 1.9 TD, 1.9 DCI, 2.2 DCI, 2.5 DCI



Delivered in a suitcase





DACIA/RENAULT/NISSAN

TIMING TOOLS RENAULT 2.0D BLUE DCI

OM 5071

TN



Engine code, OEM code

Find products associated with your **engine code** or **OEM code** by entering them in the search bar on clas.com.

Applications:
Renault: Talisman, Espace V, Trafic III (>2020)
Engines: 2.0 Blue DCI



TIMING TOOLS RENAULT / NISSAN / OPEL 1.6 - 2.0 - 2.3 DCI - CDTI

OM 3686

TN



Delivered in a
suitcase



Models:
Fiat: Talento 2
Renault: Megane, Scenic, Laguna, Latitude, Fluence, Espace, Trafic,
Koleos, Vel Satis
Nissan: Primastar, Qashqai, X-trail, NV 400
Opel: Vivaro, Movano
Mercedes: C180, Vito
Engines: 1.6,1.7, 2.0, 2.3 DCI and CDTI



TN

TO CONSIDER

COOLING SYSTEM FILLING/ DRAINING DEVICE

AC 1020

This mobile device can drain, check for leaks, clean, create a vacuum to purge the cooling circuit and refill it, thanks to its venturi system coupled with a pressure gauge.
Ensures environmentally-friendly operation, since virtually all the used coolant is recovered, enabling the user to dismantle any Engine component without draining coolant.



Quick response
No soil pollution



Specifications:

- 2 independent 15-liter tanks for storing polluted liquid and new liquid
- 2 manometers for tank control
- connection to expansion vessel via conical adapter
- 3 dip tubes of different lengths
- 4 swivel wheels
- dimensions: L.430xW.610xH.1350mm
- weight: 43kg

Functions:

- used liquid extraction
- vacuum leak test
- new liquid filling
- used liquid tank draining
- new liquid tank draining

Compatible with gasoline, diesel, hybrid and electric vehicles (ethylene glycol)

Options:

- AC1021: Cooling system filling/draining hose adapters
- AC1022: Gravity cooling system drain adapter



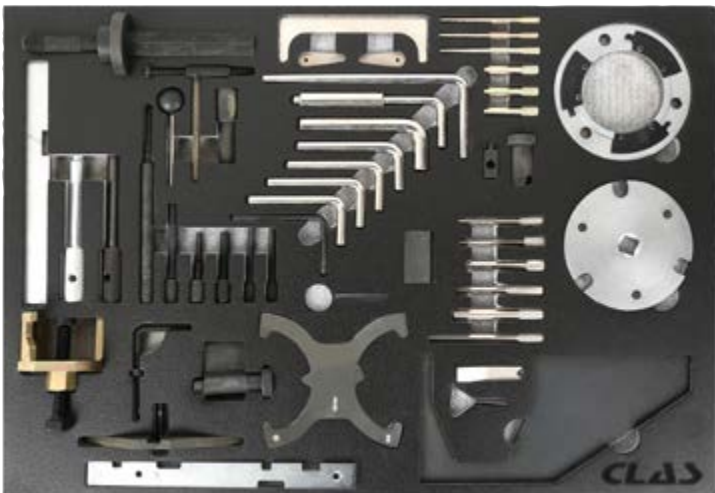


FORD

MASTER TIMING TOOL SET FORD/MAZDA/VOLVO

OM 6600

Models:
Ford: Fiesta, Fusion, Courier, Escort, Focus, Focus C Max, Puma, Mondeo, Sierra, Transit, Connect, Cougar, Courier, Courier Kombi, Galaxy, C-Max, Orion, Tourneo Connect, Transit, Transit Connect
VW: Sharan
Seat: Alhambra
Mazda: 121
Volvo: S40, V50 petrol, 1.8 D, 1.8 TD, 240 D, 740 D, 760 D, 940 D, 960 D Turbo
Engines: 1.2, 1.4, 1.6, 1.6 16V, 1.7 16V belt, 1.8-2.0 16V (belt and chain), 1.4, 1.6 16V Focus and Mazda 121, 1.6 Duratorq TDCI, 1.8 D, 1.8 TD (88-00), 1.8 DI(belt) (98-04), 1.8 TDCI (belt) (01-04), 1.6 D, 1.9 TDI, 2.5 D/TCI (belt), 1.9 TDI, 2.5 D/TCI (belt), 1.25, 1.6 TI-VCT, 1.6 SCTi, 1.4 D TDCI, 1.6 D TDCI, 1.8 D, 1.8 D TCI, 1.8 D TDDI, 1.8 D TDCI, 1.8 D Turbo, 1.8 D Turbo, 1.9 D TDI PD, 1.9 D TDI PD, 2.0 D TDCI, 2.2 TDCI, 2.5 D, 2.5 D Turbo, 2.0, 2.2, 2.4 Duratorq TDCI 16V, 1.4 D TDCI, 1.6 D 8V, 1.6 D 16V



Components available for retail purchase at **clas.com**

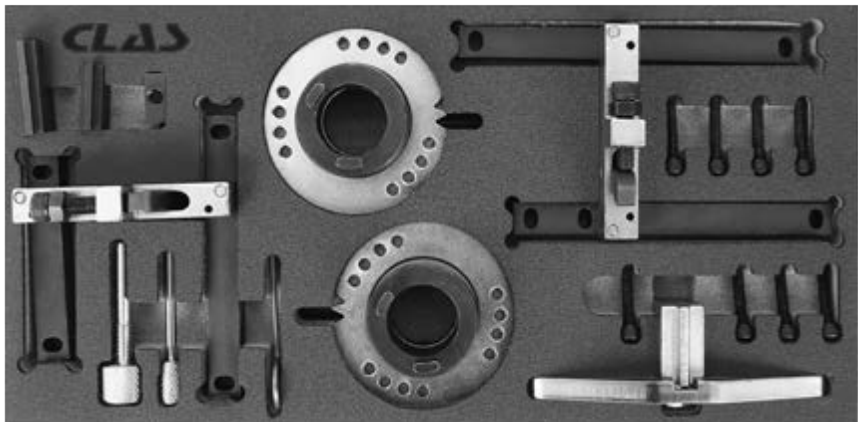


TN



TIMING TOOLS FORD 1.0 ECOBOOST

OM 4117



Models:
Ford: B-Max (2013-2017), C-Max (2012-2017), Connect (2013-2016), Courier (2012-2016), EcoSport (2013-2017), Fiesta (2013-2017), Focus (2012-2017), Grand C-Max (2012-2017), Grand-Tourneo Connect (2013-2015), Mondeo (2015-2017), Transit Connect (2015-2017).
Engine: 1.0 EcoBoost



TN



Delivered in a suitcase



TIMING TOOLS FORD 1.0 ECOBOOST

OM 4108



Models :
FORD: C-Max >2018, Grand C-Max >2018, Fiesta >2018, Focus >2018, Focus Active >2018, Puma >2019, Transit Connect >2018
Engines: 1.0 EcoBoost



Delivered in a suitcase



FORD

FORD 1.0 & 1.1 ECOBOOST TORQUE MULTIPLIER

OM 4109

Specifications:

- Torque ratio 5:1 (corresponds to manufacturer's specifications)
- max. input torque 300 Nm - per 1/2" female drive
- max. output torque 1500 Nm - per 3/4" male drive
- 21mm/24mm A/F hexagon sockets included.

Models:
Ford: Ford B-Max (2012-2018), Ford C-Max (2012-2018), Ford Grand C-Max (2017-2018), Ford EcoSport (2015-2019), Ford Fiesta (2012-2019), Ford Focus (2012-2018), Ford Mondeo (2015-2018), Ford Transit Courier (2014-2020), Ford Transit Connect (2013-2018), Ford Grand Tourneo Connect (2013-2018), Ford Tourneo Courier (2014-2020)



TN



CAMSHAFT AND FLYWHEEL TIMING TOOLS FORD 1.5 ECOBOOST ENGINE

OM 4111

Specific to Ford 1.5L EcoBoost 3-cylinder and Duratec engines since 2018

Applications:

- Ford: Focus (2018), Focus ST (2018), Fiesta (2018), Kuga (2019)

Codes moteurs :
Y1DA , Y2DA , YZDA , YZJA



TIMING TOOLS FORD 1.6 ECOBOOST 1.8 - 2.0 DURATEC VOLVO 1.6

OM 5016

Applications:

- Ford: B-MAX (>2010), C-MAX (2003>2012), Fiesta (>2013), Galaxy (>2010), Focus (2004>2015), Grand C-MAX (>2010), Kuga (>2013), Mondeo (>2010), S-MAX (>2010), Tourneo Connect (>2013), Transit Connect (>2013)
- Volvo: S60 Cross Country T4 (2011>2015), S80 GTDi T3 (2010>2015), V40 GTDi T4 (2012>2015), V60 GTDi T4F (2011>2015), V70 T2/T3/T4 (2010>2015)

Engines:

Volvo: 1.6 gtdi
Ford: 1.6 SCTi / Ti-VCT Ecoboost petrol
Ford: 1.8 Duratec-HE petrol M14
Ford: 1.8 Duratec-SCI petrol
Ford: 2.0 Duratec-HE petrol



TN



Delivered in a suitcase





FORD

TIMING TOOLS FORD / VOLVO 1.2 - 1.5 - 1.6 Ti-VCT
ECOBOOST

NEW

TN

OM 4135

Models :
FORD: B-Max, C-Max, Ecosport, Fiesta,
Focus, Galaxy, Grand C-Max, Grand
Tourneo Connect, KA+, Kuga, Mondeo,
S-Max, Tourneo Connect, Transit Connect
VOLVO: S60, S80, V40, V60, V70

Engines: 1.2 , 1.5 , 1.6 Ti / VCT / SCTi
EcoBoost



Delivered in a suitcase

2
WARRANTY

INJECTION PUMP LOCKING FORD DURATORQ 2.3 - 3.2 TDCi

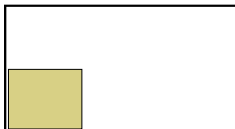
NEW

TN

OM 4138

Models :
FORD: Transit, Ranger, Duratorq

Engines: 2.3 TDCi, 3.2 TDCi

2
WARRANTY

TIMING TOOLS FORD / JAGUAR 2.0 - 2.2 - 2.4 DURATORQ

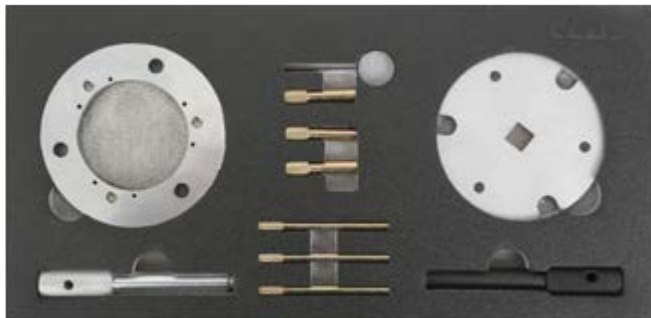
TN

OM 4230

Allows fuel injection pump removal and replacement on
Ford 2.0, 2.4 Duratorq Di/TDDi and 2.2, 2.4 Duratorq TDCi
diesel engines.
Also suitable for timing belt replacement on 1.4/1.6L
engines used on Ford and PSA cars.

Models:
Citroën: Jumper
Fiat: Ducato
Ford: Focus, Mondéo, Transit, ranger
Hyundai: Accent, Getz, I10, I20
Kia: Cerato, Picanto, Rio
Land Rover: Defender
Peugeot: Boxer

Engines: 2.0 , 2.2 , 2.4 , 2.8 , 3.2 TDdi/TDCi/HDI
For Engines built between 2002 and 2010



Delivered in a suitcase

5
WARRANTY

TIMING TOOLS 2.0 - 2.2 - 2.4 - 3.2 TDCi

NEW

TN

OM 4139

Models :
Ford: Focus, Mondeo, Ranger, Tourneo
Custom, Transit, Transit Custom
Peugeot: Boxer III
Citroën: Relay, Jumper
Fiat : Ducato
Mazda : BT-50
Jaguar : X-Type
Land Rover : Defender

Engines: 2.0, 2.2, 2.4, 3.2 TDCi / TDdi



Delivered in a suitcase

2
WARRANTY

FORD

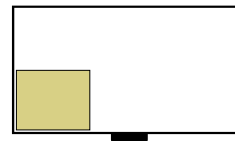
TIMING TOOLS FORD TRANSIT
2.2 TDCi

NEW

TN

OM 4137

Models :
Ford: Transit 2.2 TDCi, ECONetic
Codes moteurs :
SRFE , UHFA , CYFC , DRFC , USRA , CYFA , CYFB , DRFA , DRFB , P8FA ,
P8FB , PGFA , PGFB , QVFA , QWFA , SRFA , SRFB , SRFC , SRFD

2
WARRANTYTIMING TOOLS FORD 2.0 TDCi
ECOBULE WITH PUMP INJECTION TOOL

OM 4131

Models:
FORD: Bord (18-21), Connect (18-),
Galaxie (18-21), Kuga (19-), Mondeo (19-
21), Ranger (19-), S-MAX (18-21), Transit
(16-)

Codes moteurs :
6G72 , BC2X , BCCA , BCCB , BCCC ,
BCCD , BCDA , BCFA , BCFB , BCFC ,
BCFD , BCRA , BJFA , BJFB , BJFC ,
BJFD , BJRA , BJRB , BKFA , BKFB ,
BKFC , BKFD , BKRA , BKRB , BLFA ,
BLFB , BLFC , BLFD , BLHA , BLRA ,
BLRB , YL2X , YLCA , YLCB , YLCC ,
YLDA , YLF6 , YLFA , YLFB , YLFS ,
YLR6 , YLRA , YMCA , YMCB , YMCC ,
YMF6 , YMFA , YMFB , YMFS , YMHA ,
YMR6 , AMRA , YN2X , YNCA , YNF6 ,
ANFA , YNFB , YNFS , YNR6 , YNRA



Delivered in a suitcase

5
WARRANTYBELT PULLEY PULLER FORD ECOBLUE
2.0L

TN

OM 4132

Applications:

- Ford: Kuga, Ranger and
Transit Custom (>2019), FWD
Transit (>2018), RWD Transit
(>2018)

5
WARRANTYDAMPER PULLEY EXTRACTOR FORD
2.0 ECOBLUE

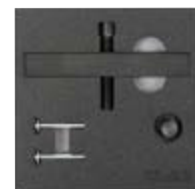
NEW

TN

OM 4133

Models :
FORD: Edge, Focus,
Focus Active, Galaxy,
Mondeo, S-Max, Tourneo,
Custom, Transit, Transit
Custom

Engines: 2.0 EcoBlue

2
WARRANTY

TIMING TOOLS VW / SEAT / FORD / VOLVO / MAZDA

TN

OM 4056

Models:
Ford: B-MAX, C-MAX, Courier, EcoSport, Edge, Escort,
Fiesta, Focus, Focus C-Max, Fusion, Galaxy, Grand
C-MAX, Grand Tourneo Connect, Kuga, Mondeo, S-MAX,
Tourneo Connect, Transit Connect
Mazda: 2 (DY)(02-07), 3 (BK)(03-09), 3 (BL)(09-14), 5
(CR), 5 (CW), 6 (GG/GY)(02-07), 6 (GH)(07-13), CX-7
(ER)(07-13, MPV (LW)(99-05), MX-5 (NC)(05-15), Tribute
(EP)(01-06)
Peugeot: 307, 308, 407, 5087, 807, Expert
Citroën: C4, C5, Jumpy
Volvo: C30, S40, S80, V50, V70
VW: Sharan
Seat: Alhambra
Engines:
1.4, 1.6 16V, 1.7, 1.8 16V, 2.0 16V, 2.3, 2.5 (also Zetec)
1.4, 1.6, 1.8, 1.9, 2.0, 2.2 D/TD/TDCi

2
WARRANTY

Delivered in a suitcase





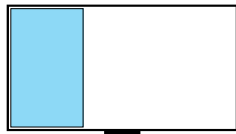
HYUNDAI - KIA

TIMING TOOLS KIA / HYUNDAI 1.6 CRDi

OM 4180



Delivered in a suitcase



2
WARRANTY

Models :
Hyundai: Kona >2018, Tucson >2018, i40 2018-2020
KIA: Ceed >2018, ProCeed >2019, XCeed >2019, Sportage >2018, Optima 2018-2020, Stonic >2018
Engines: 1.6 CRDi

Engines codes :
D4FE , D4FE (U3)



HIGH PRESSURE PUMP REMOVAL TOOL HYUNDAI/KIA

OM 4471



Models:
Kia: Carens, Ceed, Optima, Rio, Soul, Sportage, Venga
Engines: 1.1 TCI, 1.4 TCI, 1.4 CRDi, 1.6 TCI, 1.6 CRDi, 1.7 TCI

Engines codes :
D3FA , D4FB , D4FC , D4FD



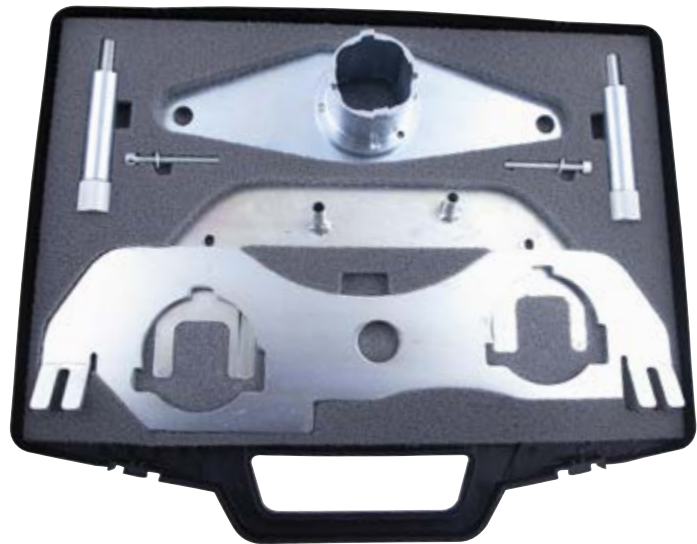
5
WARRANTY

JAGUAR/LAND ROVER

TIMING TOOLS LAND ROVER 2.0 T

OM 4240

Models:
Land Rover: Discovery Sport, Range
Rover Evoque (2015-)
Jaguar: F-PACE , XE , XF (2015-)
Engines codes :
204PT , 204PT , PT204 , PT204



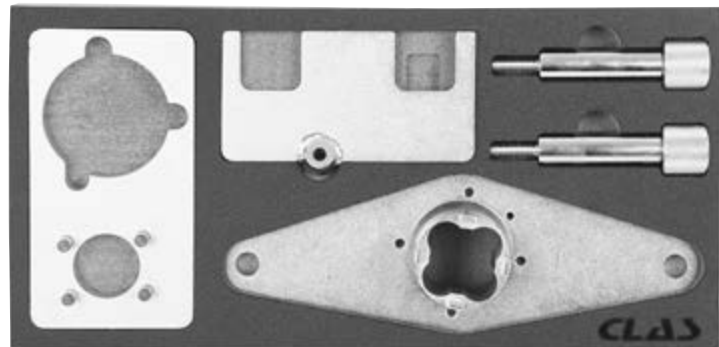
5
WARRANTY

TIMING TOOLS LAND ROVER 2.0 D

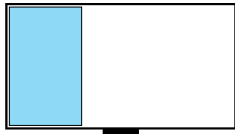
OM 4245

Models:
LAND ROVER: Discovery, Discovery Sport, Range
Rover Evoque, Range Rover Evoque Cabriolet,
Range Rover Sport, Range Rover Velar
JAGUAR: E-Pace, F-Pace, XE, XF

Engines codes :
204DTA , 204DTD , 204DTH , 204DTY



Delivered in a suitcase



5
WARRANTY

TOOLS FUEL PUMP LAND ROVER / JAGUAR 2.0 D

OM 4243

Accessory of OM 4240

Models :
Land Rover: Discovery 2017-2020, Discovery
Sport 2015-2019
Range Rover: Evoque 2015-2019, Sport 2016-
2018, Velar 2017-2020
Jaguar : E-Pace 2017-2020, F-Pace 2016-2020,
XE 2015-2020, XF 2015-2020

Engines: 2.0 D

Engines codes :
IAJ-200D/204DT , AJ-200D/204DTA , AJ200D ,
AJ200/204DTA, AJ200/204DTD



INSERT
MOUSSE
1/6

2
WARRANTY



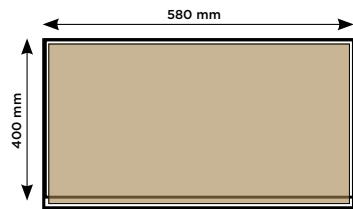
MAZDA/SUZUKI/TOYOTA

COMPLETE PSA / TOYOTA TIMING TOOL SET GENERATION 2©

OM 6210



Delivered in a suitcase



Cabinet drawer size

Models:

PSA: 1007, 108, 206, 206 CC, 207, 207cc, 208, 2008, 301, 307, 308, 308cc, 308, 3008, 407, 407 Coupé, 5008, 607, Partner III

C2, C3, C3 Picasso, C3, C3111, C4, C4 Picasso, C4, C4 Picasso, Grand Picasso, C5 II, C5 III, C6, Berlingo III, DS3, DS3 Cab, C-Elysée, Xsara Picasso

Mini: One (R56), Mini Cooper (R55/R56), Mini Cooper S (R55/R56), Cooper/S, Mini One, Clubman

Jaguar: S-Type, XF, XJ, XJ6

Land Rover: Range Rover Sport, Discovery 3 and 4

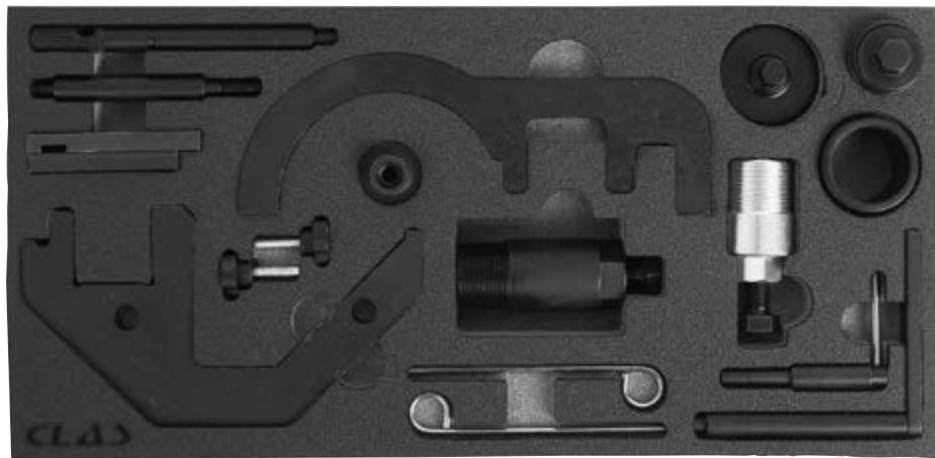
Toyota: Aygo, Proace City

Engines: 1.0, 1.2i, 1.4, 1.4 VTI, 1.6, 1.6 VTI, 1.6 THP, 1.6 diesel, 1.8, 2.0, 2.5, 3.0 L, 2.7 D/TDV6/HDi/TDVi

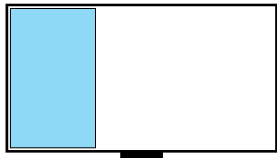


TIMING TOOLS BMW / ROVER / OPEL / TOYOTA WITH CHAIN DRIVE

OM 3858



Delivered in a suitcase



Models:

BMW: 116 E81/82/87/88 (08-12), 118 E81/82/87/88 (04-14), 120 E81/82/87/88 (04-14), 123 E81/82/87/88 (07-14), 316 E90/91/92/93 (09-12), 318 Compact E46 (01-05), 318 E90/91/92/93 (05-12), 320 Compact E46 (98-05), 320 E90/91/92/93 (05-12), 325 E90/91/92/93 (02-14), 330 E46/90/91/92/93 (99-14), 335 E90/91/92 (06-11), 520

E39/60/61 (00-10), 525 E39/60/61 F10-11 (00-12), 530 E46/60/61 F10/11 (98-13), 530GT F07 (09-12), 535 E60/61 F10-11 (04-12), 535GT F07 (10-12), 635 E63/64 (07-11), 730 E38/65/66 F01/02/04 (98-12), 740 F01/02/04 (09-12), 740 xDrive F01/02/04 (09-12), X1 sDrive E84 (09-12), X1 xDrive E84 (09-14), X3 E83 (03-10), X3 xDrive E83 (08-12), X5 E53/70 (00-12), X5 xDrive E70 (10-13), X6 E71/72 (08-10), X6 xDrive E71/72 (10-14)

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

Land Rover: Freelander TD4 (00-06), Range Rover TD6 (02-06)

Rover-MG: MG-ZT/T (01-05), 75 CDT/CDTI (99-05)

Opel: Omega B (01-03)

Toyota: Verso, Auris, Avensis 1.6D4D

Engines: 1.6, 1.8, 2.0, 2.3, 2.5, 3.0, 3.5, 4.0 diesel



MERCEDES - SMART

CRANKSHAFT LOCKING TOOL RENAULT / DACIA / SMART 0.9 - 1.2 TCe

OM 5070



Models:

Dacia: Dokker, Duster, Lodgy, Logan, Sandero

Renault: Capture 2013>2019, Clio IV 2012>2019, Kadjar 2015>2018, Kangoo II 2013+, Mégane III 2012>2017, Mégane IV 2016>2020, Scénic/Grand Scénic III 2012>2017, Scénic/Grand Scénic IV 2016>2018, Twingo II >2004

Smart: Fortwo, Forfour 2014>2019

Engines: 0.9, 1.2 TCe



TIMING TOOLS MERCEDES 1.8 - 2.1 - 2.2 CDi BLUETEC

OM 3696



TN



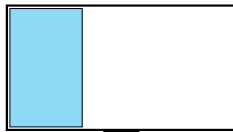
Models :

Mercedes: A-Class 2012-2018, B-Class 2012-2019, C-Class 2009-2015, C-Class 2014-2018, CLA Coupe 2013-2019, CLS 2011-2018, E-Class 2009-2016, GLA 2014-2020, GLC 2015-2019, GLE 2015-2019, GLK 2008-2015, M-Class 2011-2015, S-Class 2010-2013, S-Class 2013-2017, SLC 2016-2017, SLK 2012-2016, Sprinter 2009-2018, Sprinter 2018-2020, Vito/Viano 2010-2015, Vito/V-Class 2014-2020

Engines: 1.8, 2.1, 2.2 CDI Blue Efficiency / BlueTEC,



Delivered in a suitcase



TIMING TOOLS RENAULT / DACIA / MERCEDES / NISSAN 1.3 Tce

OM 3697



TN



Models:

Renault: Arkana (XJC) (19-), Captur (J87) (13-19), Captur II (XJB) (19-), Clio V (XJA) (19-), Kadjar (HFE), Koléos II (HZG) (17-), Mégane IV (BFB/KFB/LFF) (16-), Scénic/Grand Scénic IV (JFA/RFA) (16-), Talisman (KFD/LFD) (15-).

Mercedes: A-Class (177) (18-), B-Class (247) (19-), CLA Coupé (118) (19-), CLA S/Frein (118) (19-), GLA (247) (20-), GLB (247) (19-).

Nissan: Qashqai (J11) (14-), X-Trail (T32)(14-).

Dacia: Dokker (F/K67), Plumeau (HJD) (17-), Lodgy (J92).

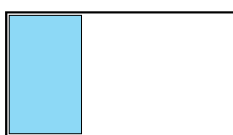
Engines: 1.3 TCe

Engines codes :

282.914 , H5H_4 , H5H450 , H5H470 , H5H480 , H5H490 , H5H498 , HR13DDT



Delivered in a suitcase



TOOLS DACIA NISSAN MERCEDES 0.9-1.6 ET 1.3 TCe ENGINE WHEEL BLOCKING

OM 4160



Models:

- Dacia: Dokker (2019), Duster (2018), Lodgy (2019), Logan (2013), Sandero (2013)

- Mercedes: A-Class (2018), B-Class (2019), CLA (2019), GLA (2019), GLB (2019)

- Nissan: Qashqai (2018), X-Trail (2018)

- Renault: Arkana (2019), Captur (2018), Clio V (2019), Kadjar (2018), Megane IV (2017), Scenic/Grand Scenic (2018), Talisman (2018)

Engines codes :

H4BT 400 , H4BT 408 , H4BT 410 , H4BT 411 , H5H 470, H5H 480 , H4M 730 , H4M 738 , H4M 740 , 282.914 , HR13DDT , H5H 450 , H5H 470



CHAIN RIVET EXTRACTOR

OM 4150

Specifications:

- frame opening: 42mm
- rivet flush length: adjustable up to 25mm
- hexagonal drive 22 and 14mm

Contents:

- chain drift
- 4 chain drift Nozzles: 3, 3, 4, 5mm
- 1 chain nozzle
- 2 mounting plates



TN





OPEL - VAUXHALL

MASTER TIMING TOOL SET OPEL/CHEVROLET/SAAB/FIAT/LANCIA/SUZUKI/FORD

OM 6500



Retail components available on clas.com

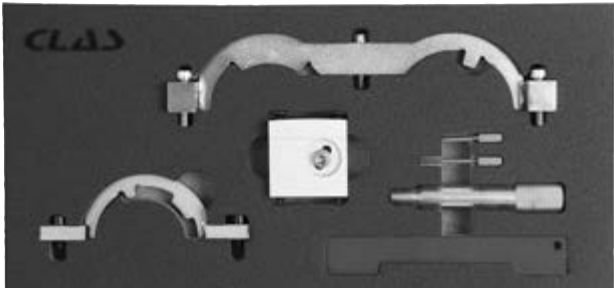
Models:
Opel: Corsa B,C, Combo, Tigra, Agila,Tigra B, Meriva, Astra F,G , H, Astravan ,Speedster/VX220, Zafira A , B, Vectra B , C, Signum, Omega B, Sintra, Frontera A , B , Astravan, Kadett, Ascona, Omega, Monterey, Antara ,Croma ,Speedster/VX220
Chevrolet/Daewoo: Epica, Captiva, Nubira, Lacetti, Evanda
Saab: 9-3, 9-5 (98-04)
Alfa: 145, 146, 147, 156, 159, 166, GT, Crosswagon Q4
Fiat: Punto, Grande Punto, Bravo/Brava, Marea, Weekend, Stilo, Doblò/Cargo, Multipla, Idea, Panda150
Lancia: Ypsilon, Musa, Lybra, Thesys
Suzuki: Ignis, Swift, Wagon R+
Ford: Ka
Engines: 1.0 12V, 1.0 16V, 1.2 16V, 1.4 1.6, 1.2-1.4 16V (Chain), 2.0, 2.0 Turbo, 2.2 DI, 2.0-2.2 16V, 1.6 16V, 1.8 16V, 2.0 16V, 2.2 16V, 1.3 JTD MultiJet, 1.3 CDTi, 1.3 TDCI, 1.6 MultiJet, 1.9 JTD, 1.9 MultiJet, 2.4 JTD, 1.9 CDTi, 2.0 MultiJet,1.5 D, 1.5 TD, 1.7 D, 1.7 TD, 1.6-1.7 D, 3.0 TD, 3.1T D, 2.0-2.2-2.4 TD, 2.0-2.2 DI, 2.0 TDCI, 2.0 D VCDI, 2.2 16V (double camshaft)

Engines codes :
169A1.000 , 16DA , 17D , 17DR , 182B4.000 , 182B9.000 , 185A2.000 , 185A6.000 , 186A6.000 , 186A8.000 , 186A9.000 , 188A2.000 , 188A3.000 , 188A7.000 , 188A8.000 , 188A9.000 , 188B2.000 , 192A1.000 , 192A3.000 , 192A5.000 , 192A8.000 , 192A9.000 , 192B1.000 , 192B4.000 , 194A1.000 , 198A2.000 , 198A3.000 , 198A6.000 , 199A2.000 , 199A3.000 , 199A5.000 , 199A9.000 , 199B1.000 , 199B2.000 , 223A7.000 , 223A9.000 , 323.02 , 342.02 , 350A2.000 , 350A3.000 , 362.02 , 371.01 , 4EC1 , 4EC1T , 4EE1 , 4EE1T , 4FC1 , 4FC1T , 4FD1 , 4JX1 , 7DTL , 841G.000 , 841H.000 , 841P.000 , 937A2.000 , 939A1.000 , 939A2.000 , 939A3.000 , 940A3.000 , 955A3.000 , 955A4.000 , C18XEL , C20SEL , C20XE , D223L , JG2T , RA420 , X10XE , X12XE , X14XE , X16SEJ , X16SZR , X16XE , X16XEL , X17DT , X17DTL , X18XE , X18XEI , X20DTH , X20DTL , X20XEV , X22DTH , X22SE , X22XE , Y16XE , Y17DT , Y17DTi , Y17DTL , Y20DTH , Y20DTL , Y22DTH , Y22DTR , Y22SE , Y22XE , Z10XE , Z10XEP , Z12XE , Z13DT , Z13DTH , Z13DTJ , Z14XE , Z14XEP , Z16SE , Z16XE , Z16YNG , Z18XE , Z18XEL , Z19DT , Z19DTH , Z19DTJ , Z19DTL , Z20DM , Z20DMH , Z20LEH , Z20LEL , Z20LER , Z20LET , Z20S1 , A20DTH , B20DTH , Z22SE , Z22XE , Z22YH



TIMING TOOLS OPEL / VAUXHALL 1.0 - 1.2 - 1.4 TURBO

OM 4214



Delivered in a suitcase



Models:
Adam, Ampera, Astra-J, Aveo, Corsa-D, Insignia, Meriva-B, Mokka, Zafira-C Tourer
Engines: 1.0, 1.2, 1.4 Turbo

Contents:
• camshaft sensor disc adjustment tool
• input camshaft adjustment tool
• camshaft sensor locating tool
• 4 mm chain tensioner pin
• 2.5 mm belt tension pin
• camshaft locking plate
• crankshaft locking pin



OPEL - VAUXHALL

TIMING TOOLS OPEL 1.3 CDTi

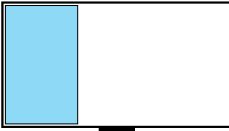
OM 4170

Models :
Opel: Corsa-E (2015-2018)
Engines: 1.3 CDTi

Engines codes :
LKU B13DTE , LKV B13DTC



Delivered in a suitcase



TIMING TOOLS 1.3 HDI - TDCI - CDTi - JTD - MULTIJET

OM 4012

Models:
Alfa: 145, 146, 147, 156, 159, 166, GT, Crosswagon Q4
Fiat: Punto, Grande Punto, Bravo/Brava, Marea, Weekend, Stilo, Doblò/Cargo, Multipla, Idea, Panda, Ducato
Lancia: Ypsilon, Musa, Lybra, Thesys
Opel: Corsa, Agila, Meriva, Combo Tour, Astra, Zafira, Vectra
Suzuki: Ignis, Swift, Wagon R+
Ford: Ka
Jeep: Renage
Citroën: Nemo
Engines:
1.3 JTD MultiJet, 1.3 CDTi, 1.3 TDCI, 1.6 MultiJet, 1.9 JTD, 1.9 MultiJet, 2.4 JTD, 1.9 CDTi, 2.0 MultiJet



Delivered in a suitcase



TIMING TOOLS RENAULT / OPEL / NISSAN / SUZUKI DCI

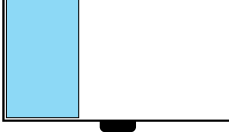
OM 3674

Models:
Renault: Clio, Kangoo, Laguna, Espace, Master, Mégane/Scénic, Trafic
Nissan: Kubistar, Interstar, Qashqai
Opel: Vivaro, Movano
Suzuki: Grand Vitara
Engines: 1.5 DCI, 1.9 TD, 1.9 DCI, 2.2 DCI, 2.5 DCI

Engines codes :
F9Q_6 , F9Q650 , F9Q664 , F9Q670 , F9Q674 , G9T_6 , G9T_7 , G9T600 , G9T605 , G9T606 , G9T606 , G9T607 , G9T642 , G9T644 , G9T645 , G9T700 , G9T702 , G9T702 , G9T703 , G9T707 , G9T710 , G9T712 , G9T720 , G9T722 , G9T742 , G9T743 , G9T750 , G9U_6 , G9U_7 , G9U630 , G9U632 , G9U650 , G9U720 , G9U724 , G9U730 , G9U750 , G9U754 , K9K_7 , K9K_8 , K9K700 , K9K702 , K9K706 , K9K710 , K9K712 , K9K714 , K9K716 , K9K718 , K9K722 , K9K724 , K9K728 , K9K729 , K9K732 , K9K734 , K9K750 , K9K752 , K9K760 , K9K764 , K9K766 , K9K768 , K9K792 , K9K830 , K9K832 , K9K834 , K9K836



Delivered in a suitcase

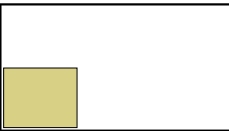


TIMING TOOLS 1.6 CDTi ECOFLEX

OM 4171

Models :
Opel: Astra-J 2013-2018, Astra-K 2015-2019, GTC 2015-2018, Insignia-A 2015-2017, Insignia-B 2017-2020, Meriva-B 2013-2017, Mokka 2014-2016, Mokka X 2016-2020, Zafira C tourer 2013-2019
Engines: 1.6 CDTi EcoFlex

Engines codes :
B16DTC , B16DTE , B16DTH , B16DTJ , B16DTL , B16DTN , B16DTR , B16DTU





OPEL - VAUXHALL

TIMING TOOLS FIAT 2.3 JTD

OM 4025

Applications:

- Peugeot: Boxer III 3.0L HDI
- Citroën: Jumper III 3.0L HDI
- Fiat: Ducato 2.3L JTD - MULTIJET
- Opel: Arena, Movano
- Renault: Mascott, Master, Trafic
- Vauxhall: Movano
- Ivéco: Daily 2.3 HPI



TN

TIMING TOOLS FIAT / ALFA / LANCIA / OPEL / CHEVROLET

OM 4036

Models:

- Alfa: 145, 146, 147, 156, 166, GT
- Fiat: Punto, Grande Punto, Brava/Bravo Marea, Weekend, Stilo, Doblo/Cargo, Multipla, Ducato
- Lancia: Lybra, Thesys
- Opel: Vectra, Zafira, Astra, Insignia, Signum
- Chevrolet: Malibu

Engines: 1.6 MultiJet, 1.9 JTD, 1.9 MultiJet, 2.4 JTD, 1.9 CDTi, 2.0 MultiJet, 2.0 VCDI



TN

TIMING TOOLS OPEL 2.0 CDTi B20 - D20

OM 4173



Models :

- Opel: Antara, Cascada, Insignia-A, Insignia-B, Zafira-C Tourer

Engines: 2.0 CDTi

Engines codes :

- B20DTH/LFS, D20DTH/LFS, D20DTJ/LFS, D20DTR/LFO



Delivered in a suitcase



TN

TIMING TOOLS RENAULT / NISSAN / OPEL 1.6 - 2.0 - 2.3 DCI - CDTi

OM 3686

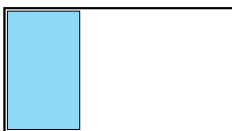
Models:

- Fiat: Talento 2
- Renault: Megane, Scenic, Laguna, Latitude, Fluence, Espace, Trafic, Koleos, Vel Satis
- Nissan: Primastar, Qashqai, X-trail, NV 400
- Opel: Vivaro, Movano
- Mercedes: C180, Vito

Engines: 1.6, 1.7, 2.0, 2.3 DCI and CDTi



Delivered in a suitcase



TN



VOLVO

CAMSHAFT LOCKING VOLVO

OM 4265



Models :

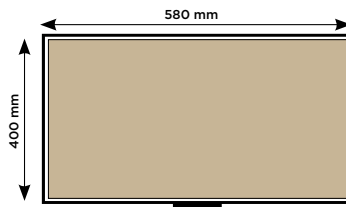
- VOLVO: S60 >2011, S60L >2007, S80 >2007, V40 >2013, V40 Cross Country >2008, V60 >2008, V60 Cross Country >2008, V70 >2008, XC60 >2008, XC70 >2008

Engines codes :

- B4204



Delivered in a suitcase



Cabinet drawer size



TN

TIMING TOOLS VW / SEAT / FORD / VOLVO / MAZDA

OM 4056

Models:

- Ford: B-MAX, C-MAX, Courier, EcoSport, Edge, Escort, Fiesta, Focus, Focus C-Max, Fusion, Galaxy, Grand C-MAX, Grand Tourneo Connect, Kuga, Mondeo, S-MAX, Tourneo Connect, Transit Connect
- Mazda: 2 (DY)(02-07), 3 (BK)(03-09), 3 (BL)(09-14), 5 (CR), 5 (CW), 6 (GG/GY) (02-07), 6 (GH)(07-13), CX-7 (ER)(07-13), MPV (LW)(99-05), MX-5 (NC)(05-15), Tribute (EP)(01-06)
- Peugeot: 307, 308, 407, 5087, 807, Expert
- Citroën: C4, C5, Jumpy
- Volvo: C30, S40, S80, V50, V70
- VW: Sharan
- Seat: Alhambra

Engines:

- 1.4, 1.6 16V, 1.7, 1.8 16V, 2.0 16V, 2.3, 2.5 (also Zetec)
- 1.4, 1.6, 1.8, 1.9, 2.0, 2.2 D/TD/TDCi



TN

TIMING TOOLS FORD 1.6 ECOBOOST 1.8 - 2.0 DURATEC VOLVO 1.6

OM 5016

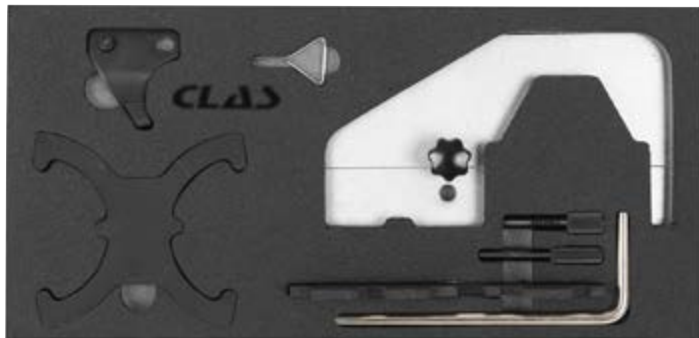
Applications:

- Ford: B-MAX (>2010), C-MAX (2003>2012), Fiesta (>2013), Galaxy (>2010), Focus (2004>2015), Grand C-MAX (>2010), Kuga (>2013), Mondeo (>2010), S-MAX (>2010), Tourneo Connect (>2013), Transit Connect (>2013)

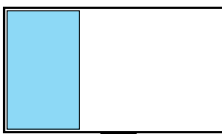
- Volvo: S60 Cross Country T4 (2011>2015), S80 GTDi T3 (2010>2015), V40 GTDi T4 (2012>2015), V60 GTDi T4F (2011>2015), V70 T2/T3/T4 (2010>2015)

Engines:

- Volvo: 1.6 gtdi
- Ford: 1.6 SCTi / Ti-VCT Ecoboost petrol
- Ford: 1.8 Duratec-HE petrol MI4
- Ford: 1.8 Duratec-SCI petrol
- Ford: 2.0 Duratec-HE petrol



Delivered in a suitcase



TN



**FLYWHEEL ROTATOR TOOL FOR RENAULT
MAGNUM ENGINES**

OM 0328



**FLYWHEEL ROTATOR TOOL FOR VOLVO
ENGINES**

OM 0325



ENGINE CRANK ROTATOR TOOL DAF

OM 0347



LIEBHERR ENGINE ROTATION TOOL

OM 0366



**FLYWHEEL ROTATOR TOOL FOR RENAULT
/ VOLVO ENGINES**

OM 0327



**FLYWHEEL ROTATOR TOOL FOR IVECO
ENGINES**

OM 0339



**FLYWHEEL ROTATION TOOL 9 TEETH MAN
/ MERCEDES**

OM 0348



**CRANKSHAFT FRONT SEAL INSTALLATION TOOL
IVECO/ASTRA 10-11-13-16L**

OM 0521



**CRANKSHAFT REAR SEAL INSTALLATION TOOL
IVECO/ASTRA 10-13L**

OM 0522



**CRANKSHAFT FRONT SEAL INSTALLATION TOOL
IVECO STRALIS 10L (F2C)**

OM 0523



**CRANKSHAFT REAR SEAL INSTALLATION TOOL
IVECO DAILY/FIAT DUCATO**

OM 0527



IVECO

TN



SCANIA

CRANKSHAFT REAR SEAL INSTALLATION TOOL
SCANIA Ø175-185mm
OM 0494



TN
2 WARRANTY

CRANKSHAFT REAR SEAL INSTALLATION TOOL
SCANIA Ø175mm
OM 0492



TN
2 WARRANTY

CRANKSHAFT REAR SEAL INSTALLATION TOOL
SCANIA Ø185mm
OM 0493



TN
2 WARRANTY

CRANKSHAFT SEAL INSTALLATION RING SCANIA
OM 0499



TN
2 WARRANTY

CRANKSHAFT REAR SEAL INSTALLATION TOOL
SCANIA Ø185mm
OM 0484



TN
2 WARRANTY

CRANKSHAFT FRONT SEAL INSTALLATION TOOL SCANIA 12L Ø119
OM 0491



TN
2 WARRANTY

CRANKSHAFT FRONT SEAL INSTALLATION TOOL
SCANIA 9-13L Ø119mm
OM 0481



TN
2 WARRANTY

CRANKSHAFT FRONT SEAL INSTALLATION TOOL SCANIA Ø149mm
OM 0482



TN
2 WARRANTY

CRANKSHAFT FRONT SEAL INSTALLATION TOOL SCANIA Ø119-138mm
OM 0483



TN
2 WARRANTY

DPF ASSEMBLY/DISASSEMBLY SCANIA
OM 7051



TN
2 WARRANTY

DOUBLE FAP SCANIA MOUNTING/DISMOUNTING TOOL
OM 7052



TN
2 WARRANTY



TIMING BELT

MECHANICAL TENSION GAUGE (in NEWTONS)

OM 3494

For checking timing belts and accessories.
Can also be used on K4 K5 K6 belts, alternators, air-conditioning compressors, power steering, fans.
Mandatory manufacturer data in Newton



5 WARRANTY

CHAIN RIVET EXTRACTOR

OM 4150

For bypassing and riveting timing chains on most vehicles, transmission chains on quads and motorcycles ...

- Specifications:**
- frame opening: 42mm
 - rivet flush length: adjustable up to 25mm
 - hexagonal drive 22 and 14mm
- Contents:**
- chain drift
 - 4 chain drift Nozzles: 3, 3, 4, 5mm
 - 1 chain nozzle
 - 2 mounting plates



5 WARRANTY

DIGITAL STROBE LIGHT

AC 5048

The strobe lamp is connected to a candle wire via an induction sensor. It produces a flash synchronized with the ignition point. This powerful flash, directed at the ignition marks engraved on the flywheel rim or damper pulley, "freezes" the position of these marks in relation to the fixed index, making it easy to check whether the ignition advance setting is correct or not. The exact ignition point can therefore be set with great precision by varying the phase shift from the device.

+
Integrated phase shifting

CAUTION: The exact parameters for setting the Engine's ignition timing can usually be found in the manufacturer's technical manual.



2 WARRANTY



INJECTION PUMP

INJECTION PUMP ADJUSTMENT KIT DIESEL

AC 2017

Suitable for diesel engines with Bosch, EP/VE Rotary, Niki, Nippon Denso, CAV Rotodiesel pumps

Range of use from 0 to 5mm.



3 SIDED SOCKET SET FOR BOSCH INJECTION PUMP 5PCS

OM 3793

This kit enables the triangular-head screws on Bosch EDC (1996-2003), CR, VE (VP) and TDI pumps to be removed. These 3-sided sockets are required if you need to replace gaskets, disassemble the fuel temperature sensor or carry out repairs or adjustments to the injection pump.



VW, AUDI, Skoda, Seat TDI

Contents:

- 4 hexagon sockets of different diameters
Ø7.7mm 1/4" and 15mm drive
Ø13.7mm 1/4" and 1/2" drive
Ø14.3mm 1/2" drive
Ø26.4mm 1/2" drive
- 1 Ø12.2mm oval socket 1/2" drive



EPIC PUMP TIMING PIN DIESEL

OM 3730

Timing pin for EPIC injection pumps
Mercedes/Renault/PSA



Timing pin for EPIC injection pumps
Mercedes/Renault/PSA

Engines codes :
F8Q_6 , F8Q622 , F8Q630 , F8Q632

Codes OEM :
MOT 1520



INJECTION PUMP PULLEY EXTRACTOR BMW/ OPEL/ROVER

OM 3736

Designed to hold the sprocket and chain when disassembling the injection pump.



Ring dimensions: Ø40x1.5mm and Ø42x1.5mm
Extractor diameter: 29.8mm

Models: E87, E46, E90, E39, E60, E61, E63, E38, E65, E83, E53, E70, Land Rover TD4
Series: 1, 3, 5, 6, 7, X3

Engines codes :
204D1 , M47 , M47T2 , M47TU , M47D20 , M57 , M57TU

Codes OEM :
13-5-190 , 13-5-192 , 13-8-191





PULLEYS

RIBBED PULLEY PULLER WITH INTERCHANGEABLE ARMS

OM 9879BL
Universal extractor for multi-groove pulleys from 33mm to 160mm

- Contents:**
- 1 x extractor
 - 1 x BTR wrench



TN



EXTRACTEUR POULIES UNIVERSEL APPROCHE RAPIDE Ø48-Ø82mm

OM 4046

For extraction of 2, 3, 6 and 9-leg pulleys.



Limited space



TN

Not suitable for 1.5DCI (see SA4046 and OM4047).

OM 4047	UNIVERSAL BELT PULLEY PULLER QUICK APPROACH+ 1.5 DCI CLAW	
SA 4046	UNIVERSAL BELT PULLEY PULLER JAWS SET FOR 1.5DCI	Spare part of OM 4047/OM 4048/OM 4044 Accessory of OM 4046/OM 4045



EXTRACTEUR POULIES UNIVERSEL APPROCHE RAPIDE Ø47-110mm

OM 4044

For extraction of 2, 3, 4, 6 and 9-leg camshaft pulleys. Also suitable for crankshaft/damper pulleys with M8x1.25 and M10x1.5 threads and some Engine flywheels.



TN



- Supplied with:
- set of 1.5DCI claws (SA4046)
 - set of M8x1.25 L.50mm screws
 - set of M10x1.5 L.50mm screws



UNIVERSAL CAMSHAFT BELT PULLEY LOCKING LEVER TOOL

OM 3678



Delivered in a suitcase



Contains the special phasing tool for Renault petrol engines.



UNIVERSAL PULLEY LOCK WRENCH

OM 3653



Codes OEM :
T10172



SEAL TOOL KIT 24PCS

OM 5038

This box allows the replacement of spinnaker seals from Ø21.5 to Ø64mm. Thanks to its claw extractor, it enables the gasket to be removed without damaging the bearing surfaces. Contents are designed for guided reassembly of the gasket for perfect positioning. 2 pairs of claws L.70 and L.115mm for greater versatility.

