

11

**SPECIAL TOOLS
FOR AUTOMOTIVE**

Oil filter cup wrench



CODE	Side	Ø mm	
FG 175/B1	14	65	
FG 175/B2	14	65/67	
FG 175/B3	14	68	
FG 175/B4	14	73	
FG 175/B5	15	74	
FG 175/B6	15	74/76	
FG 175/B7	15	75/77	
FG 175/B8	14	76	
FG 175/B9	8	76	
FG 175/B10	15	78	

CODE	Side	Ø mm	
FG 175/B11	15	80	
FG 175/B12	15	80/82	
FG 175/B13	16	86	
FG 175/B14	15	90	
FG 175/B15	10	92	
FG 175/B16	15	93	
FG 175/B17	15	95	
FG 175/B18	15	100	
FG 175/B19	15	106	
FG 175/B20	15	108	
FG 175/B21	15	107	

Oil filter cup wrench Purflux model

PURFLUX



CODE	Side	Ø mm	
FG 175/PF66	6	66	
FG 175/PF76	6	76	
FG 175/PF76-12	12	76	
FG 175/PF76-30	30	76	
FG 175/PF86	9	86	

CODE	Side	Ø mm	
FG 175/PF86-18	18	86	
FG 175/PF93-36	36	96	
FG 175/PF93-45	45	93	
FG 175/PF96	9	96	
FG 175/PF96-18	18	96	
FG 175/PF108-18	18	108	
FG 175/PF135-18	18	135	



Set 28pcs oil filter cup wrench

CODE	
FG 175/S30	

CONTENT:

FG 175/B1 - FG 175/B20
FG 175/PF66 - FG 175/PF108-18
01 Adjustable oil filter wrench 60-120mm
01 Adaptor 1/2"x3/8"



Set 4pcs oil filter cup wrench - Purflux model

CODE	
FG 175PF/S4	

CONTENT:

FG 175/PF66, FG 175/PF76
FG 175/PF86, FG 175/PF96

Oil filter cartridge wrench

27mm

CODE	Side	Ø mm	
FG 175/C1	6	24	
FG 175/C2	6	27	
FG 175/C3	6	30	
FG 175/C4	6	32.5	
FG 175/C5	6	36	
FG 175/C6	6	38	



Set of 6pcs oil fileter cartridges wrenches

CODE	
FG 175/S6	

Oil filter cup wrench

CODE	Side	Ø mm	Ø mm
FG 175/FO8	8	74	78
FG 175/FO10	10	92	95
FG 175/FO14	14	92	75
FG 175/FO15	15	105	105



1/2"

Oil filter cup wrench - Multijet

CODE	Side	Ø mm
FG 175/MJ16	16	76



3/8"

Oil filter cup wrench - Mercedes CDI

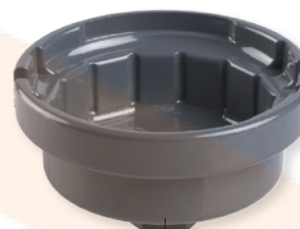
CODE	Side	Ø mm
FG 175/FO14M	14	74



1/2"

Oil filter cup wrench - Toyota

CODE	Side	Ø mm
FG 175/FO14T	14	79



1/2"

NEW

Oil filter cup wrench - Hyundai TUCSON

CODE	Side	Ø mm
FG 175/Hi	14	81



1/2"

Special wrench for plastic seats of oil filters engines TDCi-HDi (Ford/PSA)

CODE	Ø mm
FG 175/A27	27

Special wrench for plastic seats of oil filters engines OPEL

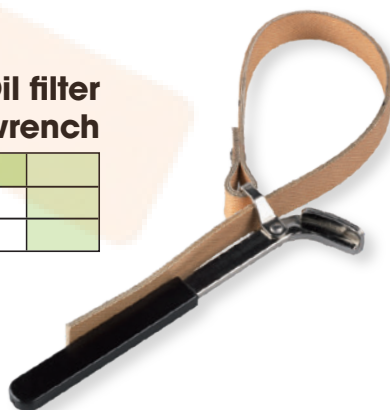
CODE	Ø mm
FG 175/A32	32



1/2"

Oil filter strap wrench

CODE	Ø mm
FG 176/NA1	160
FG 176/NA2	240



Spare tape

CODE	FOR:
FG 176/NA1-R	FG 176/NA1
FG 176/NA2-R	FG 176/NA2



Adjustable oil filter wrench

CODE	Ø mm
FG 176/RP	65 - 110
FG 176/RP2	110 - 150



Adjustable oil filter wrench

CODE	Ø mm
FG 176/RE	65 - 110



Spare metal tape for FG 176/RE and FG 176/RP

CODE
FG 176/RE-SP



Oil filter wrench - double chain

CODE	Ø mm
FG 177/FO1	60-115



Oil filter wrench - double chain

CODE	Ø mm
FG 176/FO1	60-110
FG 176/FO2	60-160

Spare chain

CODE	FOR:
FG 176/FO1-C	FG 176/FO1
FG 176/FO2-C	FG 176/FO2
FG 177/FO1-C	FG 177/FO1



Adjustable oil filter pliers

CODE	Ø mm	■	
FG 178/SD	95 - 165	1/2"	



Adjustable oil filter pliers

CODE	Ø mm	■	
FG 178/3L	60-120	1/2"	



Adjustable self-locking oil filter pliers

CODE	Ø mm	
FG 176/CJ	53 - 118	



Oil drain plug socket with XZN profile

CODE	M	
FG 175/XZN16	16	



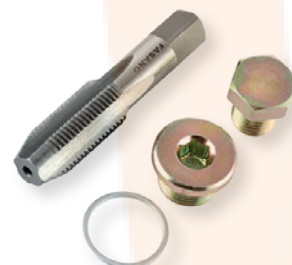
Set for oil drain repair

CODE	
FG 175/S114	

- M13x1.25 - M17x1.5
- M13x1.5 - M20x1.5
- M15x1.5 - M22x1.5

Oil drain plugs

CODE	
FG 175/OD13x1.25	
FG 175/OD13x1.5	
FG 175/OD15x1.5	
FG 175/OD17x1.5	
FG 175/OD20x1.5	
FG 175/OD22x1.5	



Washers

CODE	
FG 175/W13x1.25	
FG 175/W13x1.5	
FG 175/W15x1.5	
FG 175/W17x1.5	
FG 175/W20x1.5	
FG 175/W22x1.5	

Taps

CODE	
FG 175/M13x1.25	
FG 175/M13x1.5	
FG 175/M15x1.5	
FG 175/M17x1.5	
FG 175/M20x1.5	
FG 175/M22x1.5	



Set of 18 oil drain plugs

CODE	
FG 175/S18B	

	CONTENT
■	5/16", 3/8" 7, 8, 10, 11, 12, 13, 14 mm
▲	10 mm
●	8, 9, 10, 12, 14, 17 mm
XZN	16 mm
□	10 mm



Set of 18 oil drain plugs - magnetics

CODE	
FG 175/S15	

	CONTENT
⬢	8, 10, 12, 14, 17 mm
○	13, 14, 17, 18, 19, 21 mm
⊗	TX45





Tool set for plastic oil drain plugs

CODE	
FG 175/S4	



Valid for::
 - VAG TFSI e TDI
 - FORD
 - BMW
 - CITROEN/PEUGEOT

Tool for plastic oil drain plugs

CODE	
FG 175/AT	

Valid only for
 VAG TFSI and TDI



Set to 3pcs plastic oil drain plugs for VAG TFSI and TDI

CODE	
FG 175/PO	

VAG 1.8, 2.0 TSI/TFSI
 VAG 1.6, 2.0 TDI



Oil drain plug for FORD/PSA

CODE	
FG 175/PO1	

FORD 2.0 TDCI
 PSA 2.0 HDI



Oil drain plug for FORD

CODE	
FG 175/PO2	

FORD 1.5, 1.6 TDCI
 FORD 1.0, 1.6 EcoBoost
 FORD 1.5 - 5.2 benzina
 FORD 6.2, 6.7, 6.8 diesel



Oil drain plug for BMW

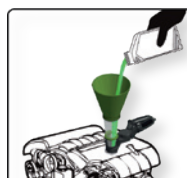
CODE	
FG 175/PO3	

BMW 1.6 N13/N20
 BMW 1.6, 2.0 N26



Universal oil funnel

CODE	
FG 178/UF	



Special funnel for oil and fluids

CODE	
FG 178/20L	

20 Liters



Camshaft and Crankshaft seal remover/installer set

Misure contenute:

28, 34, 42, 46, 48, 49, 52, 56, 58, 60, 64, 68 Ø/mm

CODE	
FG 178/S25	



Special tools for installing bearings and oil seals

CODE	Ø/mm	
FG 178/P1	9.5 - 50	
FG 178/P2	18 - 90	

Transmission filling system, for gearboxes and differentials

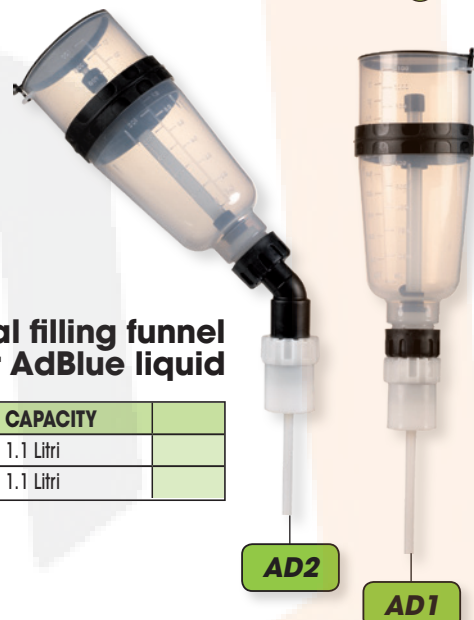
CODE	CAPACITY	
FG 176/S13	7.5 Litri	

- Supplied with 12 adaptors
- Equipped of non-Return valve



Special filling funnel for AdBlue liquid

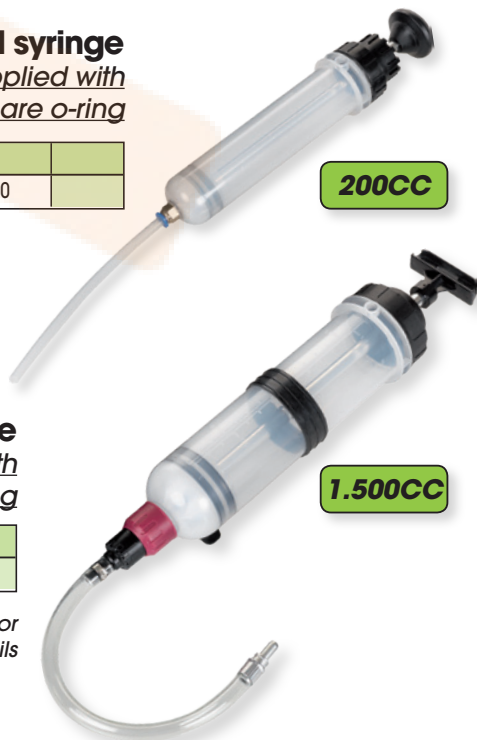
CODE	CAPACITY	
FG 491/AD1	1.1 Litri	
FG 491/AD2	1.1 Litri	



Fluid syringe Supplied with 2 spare o-ring

CODE	
FG 491/200	

200CC



Fluid syringe Supplied with 2 spare o-ring

CODE	
FG 491/1500	

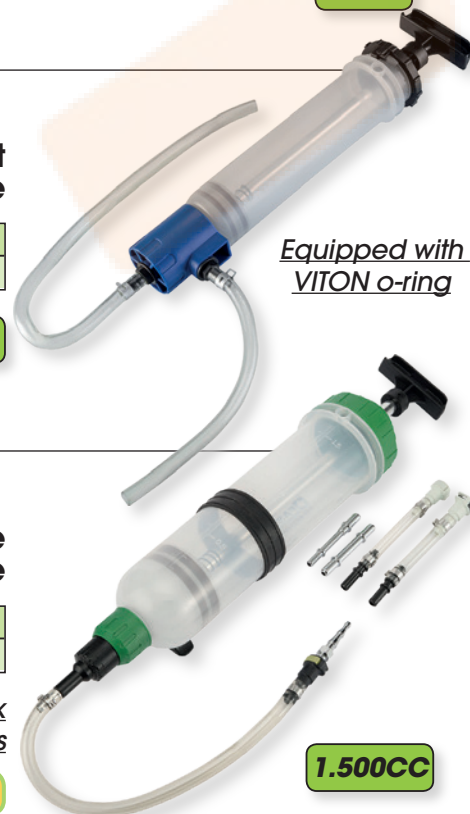
Not suitable for
fuels and mineral oils

1.500CC

In & Out fluid syringe

CODE	
FG 491/AD550	

550CC



Equipped with
VITON o-ring

Fuel line extraction syringe

CODE	
FG 491/DF1500	

Equipped with quick
release connectors

NEW

1.500CC

Pressure and depressure tester

CODE	
FG 202/PV	



Airvac coolant refiller

- Purge tapped air from cooling system to eliminate possibility of engine damage due to overheating

CODE	
FG 203/S7	



Radiator cap pressure kit

CODE	
FG 203/S20	



21Pz

OPTIONAL CAPS



FG 203/BW1
BMW



FG 203/FO1
FORD Fiesta from 2008



FG 203/FO2
FORD



FG 203/OP1
OPEL



FG 203/TO1
TOYOTA

NEW

CODE	
FG 203/BW1	
FG 203/FO1	
FG 203/FO2	
FG 203/OP1	
FG 203/TO1	

Radiator cap pressure kit for truck

CODE	
FG 203/S8	



Diesel fuel priming set

CODE	
FG 201/S7	



- New pump with double directions mode



Set of adaptors for injectors' removal suitable for Bosch, Delphi, Denso and Siemens

CODE	
FG 191/S21	



CODE	DESCRIPTION		APPLICATION
FG 191/ES-1	Adaptor M14X1.5		Delphi
FG 191/ES-2	Adaptor M16X1.5		Denso
FG 191/ES-3	Adaptor M25X0.5		Denso
FG 191/ES-4	Adaptor M25X0.75		Bosch
FG 191/ES-5	Adaptor M27X1.0		Denso
FG 191/ES-6	Adaptor M16X1.0		Bosch
FG 191/ES-7	Adaptor M17X1.0		Denso
FG 191/ES-8	Adaptor M20X1.0		Siemens
FG 191/ES-9	Adaptor M25X1.0		Siemens
FG 191/ES-10	Adaptor M27X1.0		Bosch
FG 191/ES-11	Fork extractor 12 mm		Bosch
FG 191/ES-12	Fork extractor 13.5 mm		Bosch
FG 191/ES-13	Fork extractor 16 mm		
FG 191/ES-14	Fork extractor 26 mm		
FG 191/ES-15	Universal joint		
FG 190/A25	Electronic injector's connection socket 25mm		Siemens
FG 190/A27	Electronic injector's connection socket 27mm		Siemens
FG 190/A29	Electronic injector's connection socket 29mm		Bosch
FG 190/A30	Electronic injector's connection socket 30mm		Bosch
FG 190/EL	Puller for injector's electrodes ø 7.5mm		
FG 190/EL1	Puller for injector's electrodes ø 6.9mm		



Universal injector removal set suitable for Bosch, Delphi, Denso and Siemens

- with hand sliding hammer 4.8KG

CODE	
FG 191/S22	

M18



Universal injector removal set suitable for Bosch, Delphi, Denso and Siemens

- with pneumatic hammer

CODE	
FG 191/S23	





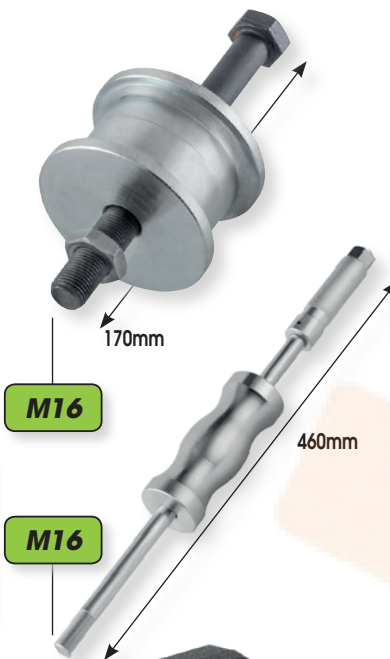
Piezo Diesel injector's puller

CODE	
FG 190/AD1	



Bosch Diesel injector's puller

CODE	
FG 190/AD2	



Massa battente a percussione

CODE	
FG 190/MI	

Massa battente a percussione

CODE	
FG 190/MI2	



Injector puller - special for VAG group

CODE	
FG 190/VW	



Injection nozzle extractor

CODE	
FG 190/IP	

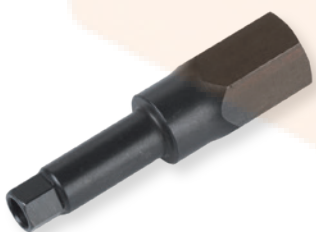


Injectors' pullers for BMW N54/MINI N14

CODE	
FG 190/RI	

Injector washer extractor

CODE	
FG 190/RI	



Special puller for Diesel injector electrodes

CODE	Ø mm	
FG 190/EL	7.5	



Electronic injector connections sockets for Bosch and Siemens

CODE	Ø mm		
FG 190/A25	25	Siemens	
FG 190/A27	27	Siemens	
FG 190/A29	29	Bosch	
FG 190/A30	30	Bosch	

Device for testing Common Rail diesel electrical injectors

- 6 bottles
- for BOSCH, SIEMENS, DENSO e DELPHI

CODE	
FG 201/CR	





Diesel injection seat cutter set

CODE	
FG 190/S6B	

CONTENT:

- 01 flat cutter 17x19mm
- 01 flat cutter 15x19mm
- 01 flat cutter 17x17mm
- 01 conical cutter 17x21mm
- 01 conical cutter 17x17mm

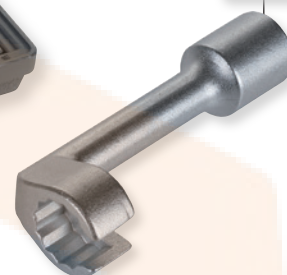


Set of 6 open end ring wrenches for fuel injection connections

CODE	
FG 190C/S6	

- 12, 14, 16, 17, 18, 19mm

1/2"



Cleaning set for diesel injection seat and diesel spark plugs seat

CODE	
FG 190/S21	

1/4"dr. flexible long bit holder

Brush holder - 1/4"dr.

Brush - ø 19mm

Long brush - ø 7mm

Universal brush

Caps for central hose

Caps-holder

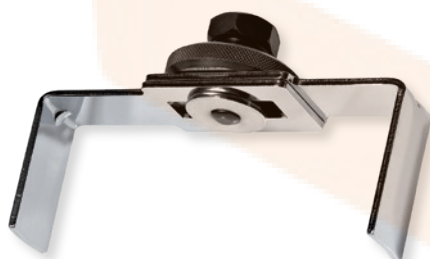
Universal tool for copper seal

Main tool

Centering cones

Side milling tool

Injector adaptor



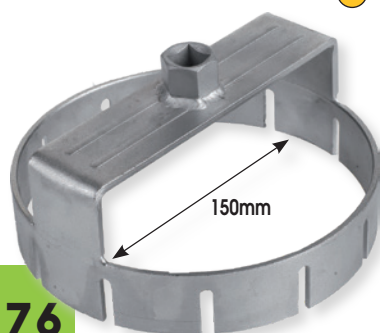
Adjustable wrench for fuel tank floating ring nuts - Ø 85-120mm

CODE	
FG 173/SC1	



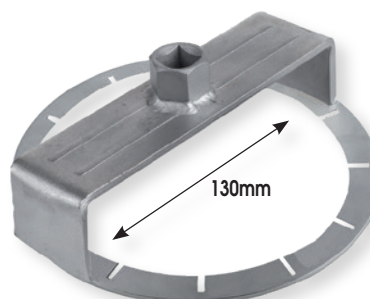
Adjustable wrench for fuel tank floating ring nuts Ø 88-170mm

CODE	
FG 174/SC	



Wrench for fuel tank floating ring nuts - FCA group

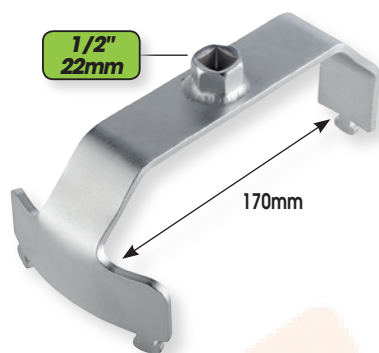
CODE	
FG 174/F1	



Wrench for fuel tank floating ring nuts - FCA group

CODE	
FG 174/F2	

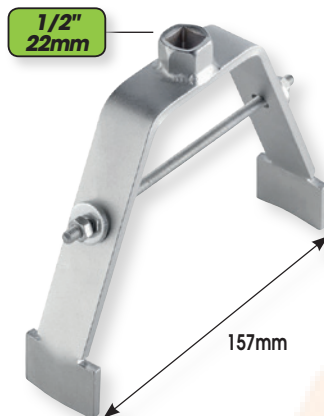
NEW



Wrench for fuel tank floating ring nuts

CODE	
FG 175/FT1	

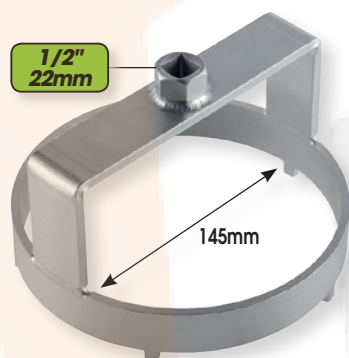
for Fiat, VW, Opel, Mercedes, BMW



Wrench for fuel tank floating ring nuts

CODE	
FG 175/FT2	

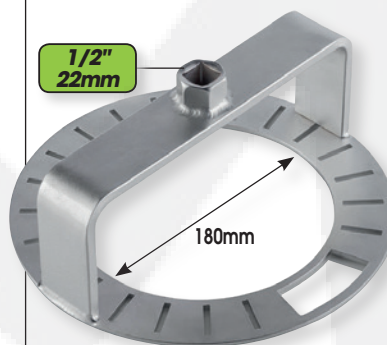
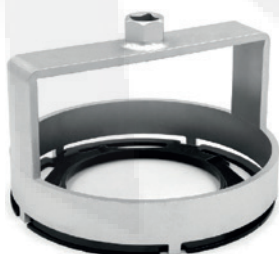
for Citroen and Peugeot



Wrench for fuel tank floating ring nuts

CODE	
FG 175/FT3	

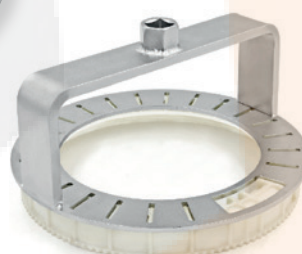
for FCA (Fiat Freemont, 500L, 500X, Jeep Renegade, ecc)



Wrench for fuel tank floating ring nuts

CODE	
FG 175/FT4	

for VAG group



Wrench for fuel tank floating ring nuts

CODE	
FG 175/FT5	

for OPEL group



Diesel fuel filter wrench for HDI

- Ø 27mm
- 1/2" drive

CODE	
FG 175/FG3	



Multijet fuel filter Diesel wrench

- Ø 90mm
- 1/2" drive

CODE	
FG 175/FG2	





Glow plug remover and repair kit

CODE	
FG 182/S16	

M8, M9, M10

Titanium
drills



Centering cone
and puller



Repairing set damaged spark plug threads

CODE	
FG 182/S33	

M8x1,0 - M10x1,0
M10x1,25 - M12x1,25

Bushes:

CODE		
FG 182/S33-12	M8x1.0	
FG 182/S33-13	M10x1.0	
FG 182/S33-14	M10x1.25	
FG 182/S33-15	M12x1.25	



Set of Diesel engine glow plug socket wrenches

CODE	
FG 183/S5	

8, 9, 10, 12, 14mm

1/4"

CODE	Ø mm	
FG 183/B8	8	
FG 183/B9	9	
FG 183/B10	10	
FG 183/B12	12	
FG 183/B14	14	



Spark plug sockets

3/8"

CODE	Ø mm	
FG 181/A14	14	
FG 181/A16	16	
FG 181/A18	18(11/16")	
FG 181/A21	21(13/16")	

1/2"

CODE	Ø mm	
FG 181/B14	14	
FG 181/B16	16	
FG 181/B18	18(11/16")	
FG 181/B21	21(13/16")	

Spark plug sockets - special for BMW

CODE	
FG 181/C14	

NEW

14mm

3/8"



3/8"

Spark plug sockets - 12PT

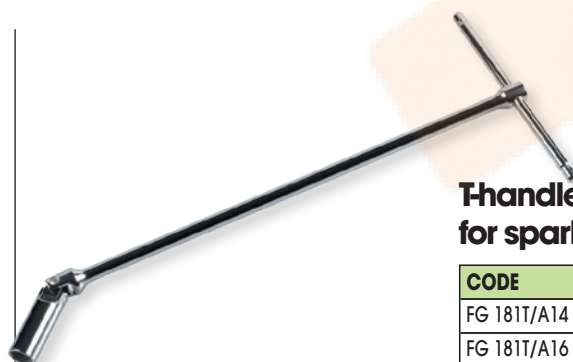
CODE	Ø mm	L/mm	
FG 181/RE1	14	250	
FG 181/RE2	16	250	

- 14mm: BMW Mini, Citroën, Peugeot, Renault e Mercedes
- 16mm: BMW, Vauxhall/Opel, Jaguar e giapponesi



Set of 2pcs spark plug sockets - 12PT

CODE	CONTENT	
FG 181RE/S2	14, 16 mm	



T-handle wrenches for spark plugs

CODE	Ø mm	
FG 181T/A14	14	
FG 181T/A16	16	
FG 181T/A21	21	

Set of 3 T-handle wrenches for spark plugs

CODE	
FG 181/S3	



- 14mm
- 16mm
- 21mm

Threaded coil insert repair set

- M14 - 1.25x1.5

CODE	
FG 181/S17	

Insert coils

CODE	Ø mm	Min.
FG 193/M5	M5x0.8x1.5	50
FG 193/M6	M6x1.0x1x15	50
FG 193/M8	M8x1.25x1.5	50
FG 193/M10	M10x1.5x1.5	50
FG 193/M12	M12x1.75x1.5	25
FG 193/M14	M14x1.25x1.5	25

CODE	
FG 181/S130	

- M5 - 0.8x1.5
- M6 - 1.0x1.5
- M8 - 1.25x1.5
- M10 - 1.5x1.5
- M12 - 1.75x1.5

CODE	
FG 181/S115	

- M6 - 1.0x1.5
- M8 - 1.25x1.5
- M10 - 1.5x1.5
- M12 - 1.75x1.5
- M14 - 1.25x1.5

Metric feeler gauges

CODE	Lame	mm
FG 188/1	13	0.05 - 1.00
FG 188/2	20	0.05 - 1.00

Sockets for lambda probe

CODE	mm	L/mm
FG 183/B85	22	85
FG 183/B110	22	110

Piston ring pliers

CODE	Ø mm
FG 197/B1	50-100
FG 197/B2	80-120
FG 197/B3	110-160

Piston ring compressors

CODE	Ø mm
FG 197/A3	50-100 x 76H
FG 197/A4	80-120 x 10H
FG 197/A6	110-160 x 152H

Impact extra-long socket bit - XZN9

CODE	
FG 152L/RM9	

For cylinder head bolts

Valve spring compressor

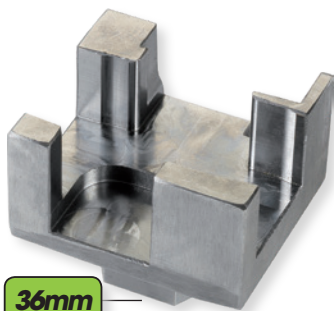
CODE	
FG 190/SV2	

FOR BMW, MINI, CITROEN, PEUGEOT

Valve spring compressor kit

CODE	
FG 190/SV	

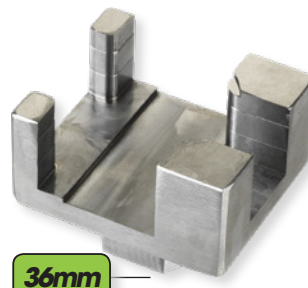




Socket for CNG valve tank

CODE	
FG 800/2	

FIAT MULTIPLA e PUNTO
(VBE 517, VBE 520, VBE 474 e VALE 110)



Socket for CNG valve tank

CODE	
FG 800/5	

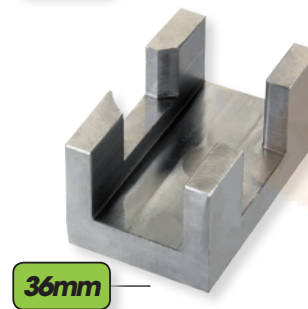
For Opel ZAFIRA



Socket for CNG valve tank

CODE	
FG 800/3	

FIAT PANDA, PUNTO EVO,
VOLKSWAGEN



Socket for CNG valve tank

CODE	
FG 800/6	

For MCR 110 valves



Socket for CNG valve tank

CODE	
FG 800/7	

FIAT PANDA



Socket for CNG valve tank

CODE	
FG 800/8	

For Citroen C4 Picasso



Battery liquid tester

CODE	
FG 172/BL	



Universal tools for expanding air bag

CODE	
FG 185/S12	



Special tester kit for TURBO system control

CODE	
FG 189/S13	



Fuel and air condition line disconnect set

CODE	
FG 185/S27	

- 31, 38 46, 51, 55, 60, 65, 70, 75, 80, 85, 90mm



Set of 04pcs ignition pullers

CODE	
FG 195/S4B	

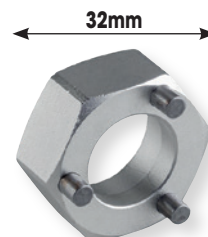
Ignition puller - Volkswagen group

CODE	
FG 195/VW	



Alternador pulley free wheel wrench - Renault

CODE	
FG 179/H28	



Alternador pulley free wheel wrench - Nippodenso

CODE	
FG 179/H32	



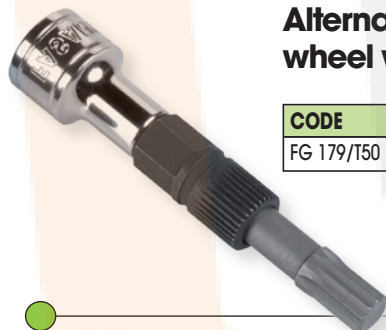
Alternador pulley free wheel wrench - BOSCH

CODE	DENTI	•	
FG 179/PA20	33	17mm	



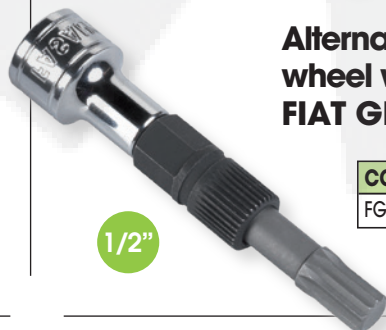
Alternador pulley free wheel wrench

CODE	
FG 179/H10	



Alternador pulley free wheel wrench

CODE	TX	
FG 179/T50	TX50 - 31 DENTI	



Alternador pulley free wheel wrench FIAT GRANDE PUNTO

CODE	
FG 179/GP	



Tool set for alternators pulley free wheels

CODE	
FG 179/S16	

Universal clutch alignment tool

CODE	
FG 180/CF	

Ø14-18, 18-21, 22-25mm



Universal clutch alignment kit

CODE	
FG 180/S12	

Centerings' sizes: 12-20mm



Clutch alignment tools for SAC

- 01 3-Arm Plate
- 01 4-arm plate
- 06 conical centers (15x23, 15x28, 15x34, 15x26.5, 15x32.5, 15x32.5mm)
- 09 centering pins (12, 14, 15, 15/22, 16, 17, 18, 19, 22/28mm)

CODE	
FG 180/S38	

Dual mass flywheel special tool set (DMF)

CODE	
FG 180/S17	

NEW


12V extractor for brake fluid

- 12V power supply via battery cables
- equipped with rear compartment door and oil recovery container

CODE	
FG 178/SF	



2 universal caps included


42mm

44,45,46mm

Specific caps for FORD motors (no included)


FG 178SF/AD13

Fiesta 2011-2016


FG 178SF/AD14

 Mondeo dal 2014
 Fiesta dal 2016
 Mazda CX3/CX5

CODE	
FG 178SF/AD13	
FG 178SF/AD14	

Equipped with end liquid sensors

Tank capacity: 5 Litros

Anti-scratch rubber wheels

Adjustable pressure till 2 Bar

Stainless steel body



Pneumatic extractor for brake fluids

CODE	
FG 178/BF	

- Capacity: 2 Liters
- Equipped with universal couplings



Manual/Pneumatic fluid extractor

CODE	
FG 492/AL	

- Capacity: 9 Liters
- Equipped with universal couplings





Pneumatic wind back kit for disc brake pistons

CODE	
FG 199/PF	



For left and right calipers



Adaptor for worn calipers

CODE	
FG 199/PFP	



FG 199/PM3

FG 199/PM2

FG 199/PM1

Drum brake spring pliers

CODE	L/mm	
FG 199/PM1	210	
FG 199/PM2	330	
FG 199/PM3	540	

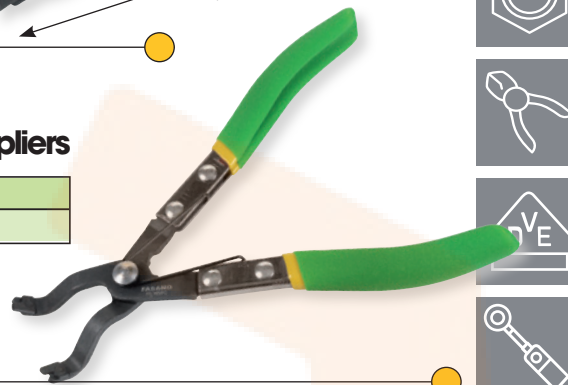
Drum brake spring clamp pliers

CODE	
FG 199/FM	



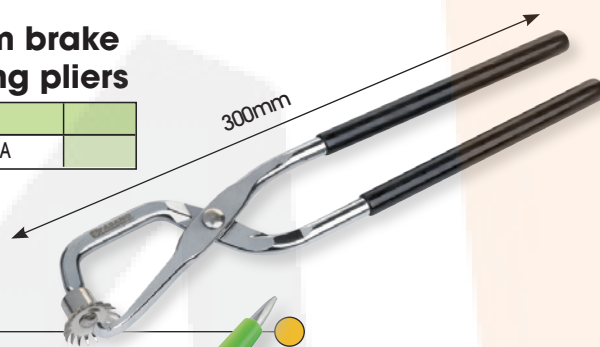
Locking ring pliers

CODE	
FG 165/FC	



Drum brake spring pliers

CODE	
FG 199/A	



Wheel balancing weight pliers

CODE	
FG 65/SR250	



Brake caliper tool set

CODE	
FG 198/S11	

BMW, Ford, VAG
Mercedes

NEW



Special socket for PORSCHE brake caliper

CODE	
FG 198/B9	

- M9

NEW



Digital depth gauge for tyre threads

CODE	
FG 198/DG	



Hydraulic wheel hub puller

CODE	
FG 198/DF	

- Plate with 10 holes
- Usefull till M12





Hub impact socket bits

CODE	mm	
FG 152/RM12	12	
FG 152/RM14	14	
FG 152/RM16	16	
FG 152/RM18	18	

1/2"



Set of 4pcs hub nut socket bits

CODE	
FG 152RM/S4	

- M12, M14, M16, M18



Hub nut sockets

CODE	mm	Ø OUTSIDE	
FG 198/A30	30	42mm	
FG 198/A32	32	44mm	
FG 198/A34	34	47mm	
FG 198/A35	35	49mm	
FG 198/A36	36	50mm	

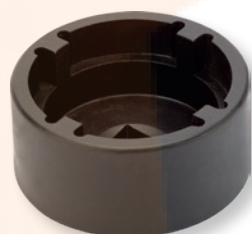
1/2"



Hub nut sockets for Iveco Daily

CODE	mm	Ø OUTSIDE	
FG 630/B65	65	87	

1"



Hub nut socket IVECO

CODICE	
FG 198/B4	

NEW

3/4"

Hub nut socket 6PT

CODE	mm	
FG 197/A36	36	

3/4"

Hub nut socket 12PT

CODE	mm	
FG 197/B36	36	

3/4"



Deep impact sockets for aluminum wheels

CODE	mm	
FG 628/R15	15	
FG 628/R17	17	
FG 628/R19	19	
FG 628/R21	21	
FG 628/R22	22	

1/2"

CODE	Pz	CONTENT	
FG 628/S3	3	17, 19, 21mm	
FG 628/S5	5	15, 17, 19, 21, 22mm	



Deep impact sockets for aluminum wheels

CODE	mm	
FG 628R/L17	17	
FG 628R/L19	19	
FG 628R/L21	21	

1/2"



CODE	Pz	CONTENT	
FG 628L/S3	3	17, 19, 21mm	

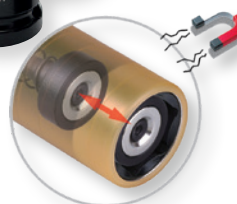


Deep impact sockets for aluminum wheels

CODE	mm	
FG 627/R17	17	
FG 627/R19	19	
FG 627/R21	21	

NEW

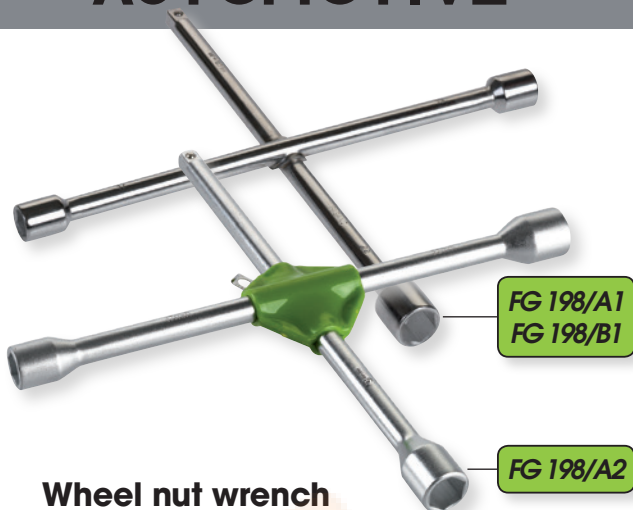
1/2"



CODE	Pz	CONTENT	
FG 627/S3	3	17, 19, 21mm	

NEW



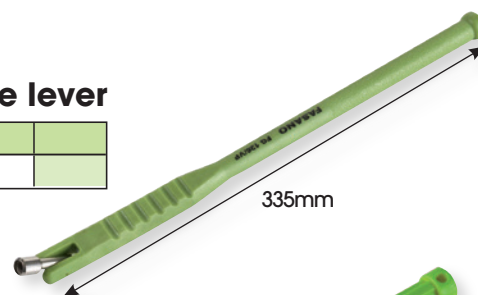


Wheel nut wrench

CODE	Ø/mm	
FG 198/A1	17x19x22x1/2"	
FG 198/B1	24x27x32x3/4"	
FG 198/A2	17x19x22x1/2"	

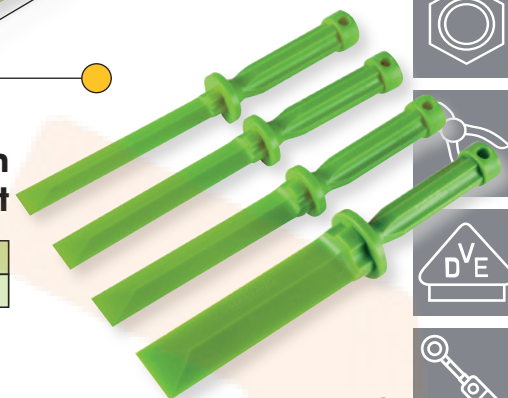
Tyre valve lever

CODE	
FG 126/VP	



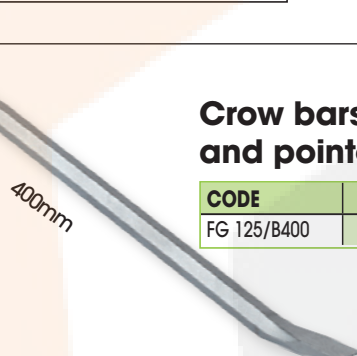
4pcs nylon levers set

CODE	
FG 186P/S4	



Crow bars with closed and pointed edges

CODE	
FG 125/B400	



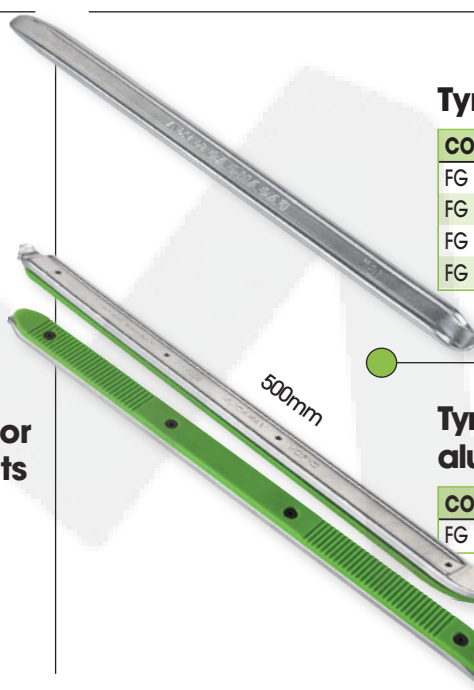
Universal desmounting set for antitheft wheel nuts

CODE	
FG 164/S10	



Tyre lever

CODE	L/mm	
FG 126/A300	300	
FG 126/A400	400	
FG 126/A500	500	
FG 126/A600	600	



Tyre lever for aluminum wheels

CODE	
FG 126/P500	



ANTITHEFT WHEEL NUTS TOOL SET



CODE	APPLICATION	
FG 164/A	BMW	
FG 164/B	Volkswagen	

CODE	APPLICATION	
FG 164/C	BMW	
FG 164/D	Volkswagen	
FG 164/E	Audi	

Desmounting socket for MERCEDES antitheft wheel nuts

CODE	
FG 164/M17	



1/2"

18V - 50A**Brushless impact wrench, 18V**

CODE

FG 166/LT2

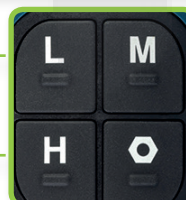
**Max
Torque****2.900****(650)
Nm**

CE

**BRUSHLESS
MOTOR***Supplied with 2 battery packs and 1 charger***Brushless impact wrench, 18V with 1 battery pack**

CODE

FG 166/LT

Front shell in impact-resistant steel**Pointing led****Bi-material handle for a perfect grip****Reinforced hook****Quick release system****Lithium battery 5.0 Ampere and 18 Volt****L mode:****-900RPM****-1.200 strokes for minutes****H mode:****-1.900RPM****-2.400 strokes for minutes****M mode:****-1.200RPM****-1.600 strokes for minutes****Soft mode:****allows a controlled speed to be applied until the bolt is still locked****Li-Ion battery pack 5.0Ampere, 18 Volt**

CODE

FG 166/BA

**Charger for FG 166/BA**

CODE

FG 166/CB





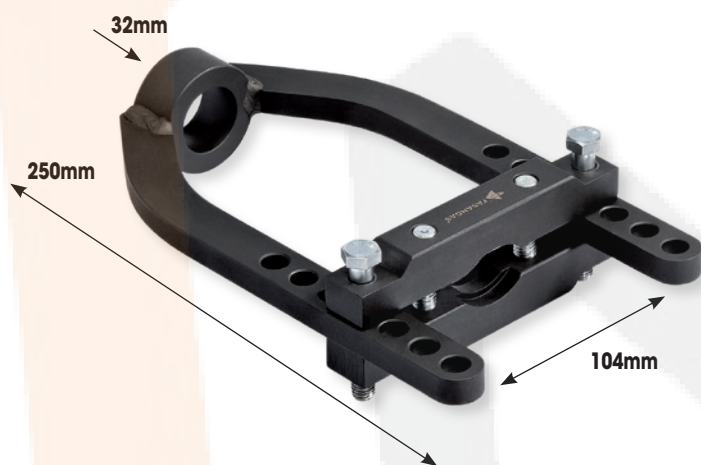
Shock absorber spring compressors - with 2 extra bars

CODE	L/mm max
FG 159/PM	65 - 200mm / 65 - 370mm

Set of 5 sockets for shock absorber nuts

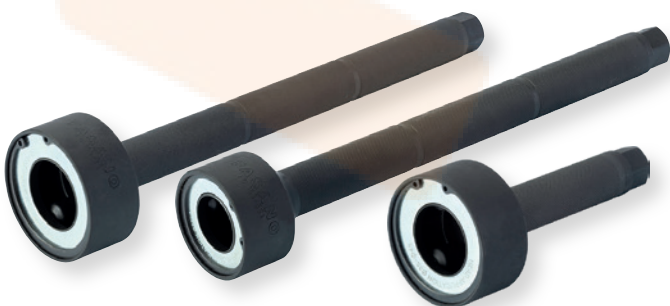
CODE	
FG 159/S5	

- 10.5x3.5
- 12.5x3.5
- 14x2.5
- 14x3
- 14.5x5



Homokinetic joint puller

CODE	
FG 165/GO1	



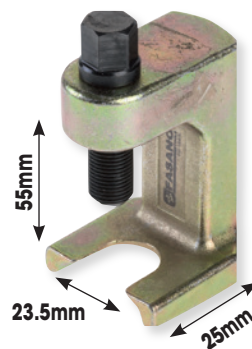
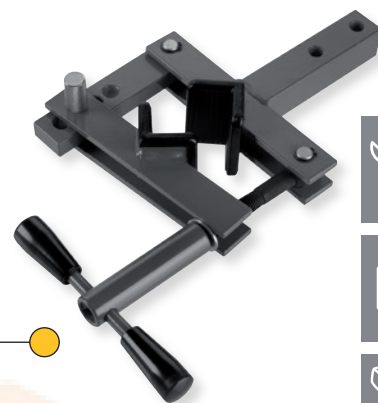
Special tool for installing and removing steering arms

CODE	Ø/mm	Ø mm ESTERNO	•/mm	L/mm
FG 169/BS	35 - 45	89	1/2" o 27mm	400
FG 169/BS1	28 - 35	73	1/2" o 27mm	400
FG 169/BS3	35 - 45	89	1/2" o 27mm	400

Shock absorber spring vice

- with rubber grips

CODE	
FG 159/MB	



Ball joint puller

CODE	
FG 168/E	

Ball joint pullers

CODE	Ømm
FG 168/1	18
FG 168/2	25
FG 168/3	30
FG 168/4	40



Ball joint pullers

CODE	
FG 169/FO1	
FG 169/FO2	
FG 169/FO3	



Ball joint puller

CODE	Ømm
FG 169/1	19



Ball joint pullers

CODE	Ømm
FG 169/2	22
FG 169/3	20





Special tool set for installing and removing SILENT BLOCK

CODE

FG 165/S26

- sockets for $\varnothing$ 44-82mm
- 4 threaded bars M10, M12, M14, M16



Special tool set for installing and removing SILENT BLOCK Fiat Panda 4x4 and Panda CNG

CODE

FG 165/S7

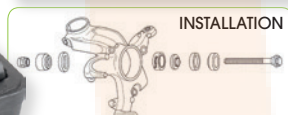
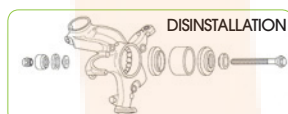


Special tools for installing and removing wheel bearings

CODE

FG 166/S28

- installation $\varnothing$ 34-45mm
- disinstallation $\varnothing$ 60-84mm



Inner bearing puller set

CODE

FG 166/S7

- Pliers: $\varnothing$ 40-45mm, 45-51mm, 50-55mm, 55-61mm
- Wrenches: $\varnothing$ 82.7mm, 58.9mm



Crimping pliers set + Weather pack terminals

CODE

FG 185/S190

For connectors and terminals check the Spare Parts List

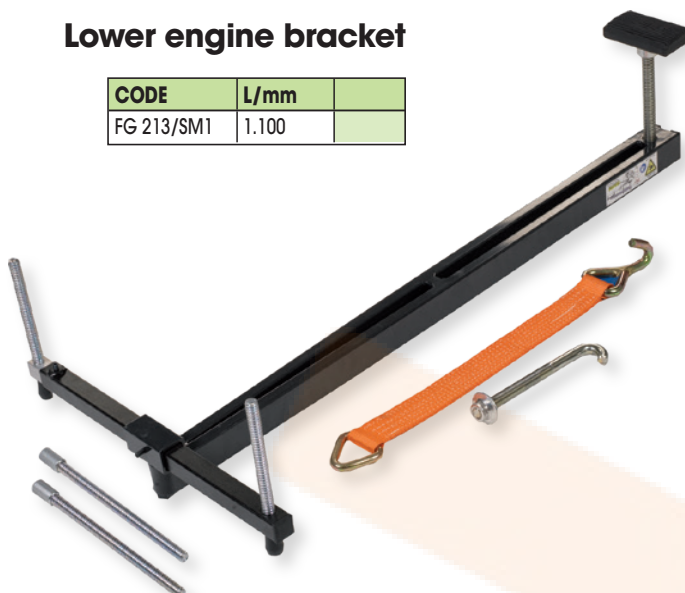
Lower engine bracket

CODE	L/mm	
FG 213/SM	1.050	



Lower engine bracket

CODE	L/mm	
FG 213/SM1	1.100	



Useful to support the engine or gearbox during maintenance work (shift belt, clutch, alternator, water pump, etc.) of car and commercial vehicles.

Special extended version, which can also be used on gearboxes particularly wide



Extensions included



Lever for pulling arm and shock absorbers

CODE	L/mm	
FG 213/LT	750	

Transmission support

CODE	
FG 213/SU	



Equipped with adaptor for under bridge jack Ø 25-30-35-45mm

Suitable for passenger cars and commercial vehicles



Chain pin remover&installer

CODE	
FG 172/TC	

NEW

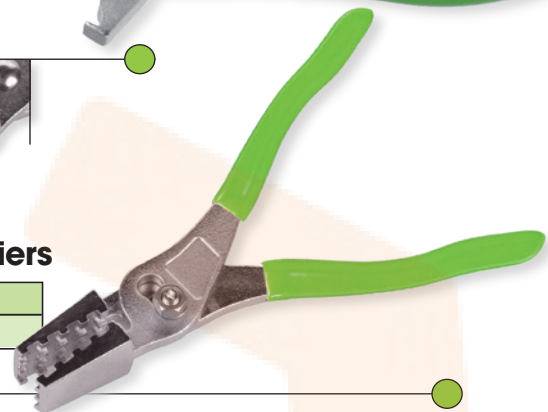
Hose clip pliers

CODE	
FG 172/CL	



Hose clip pliers

CODE	
FG 172/FA	



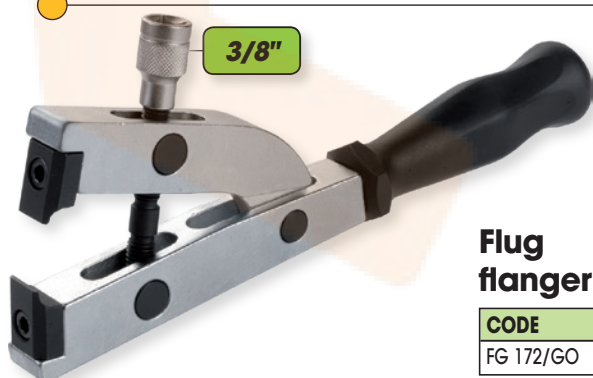
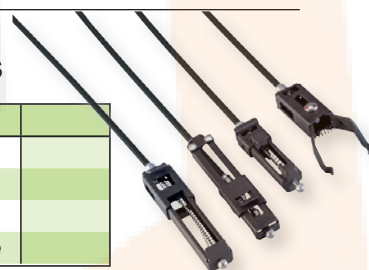
Automatic hose ring pliers with interchangeable cables

CODE	CAPACITY	
FG 172/AS2	3 - 52mm	



Interchangeable cables

CODE	CAPACITY	
FG 172/AS2-A	3 - 52mm	
FG 172/AS2-B	0 - 75mm	
FG 172/AS2-C	0 - 24mm	
FG 172/AS2-D	Per connettori carburante	



3/8"

Flug flanger pliers

CODE	
FG 172/GO	



3/8"

Flug flanger pliers

CODE	
FG 172/GO2	

NEW

Pneumatic assembly tool for CV joint boots

CODE	
FG 172/CV	

Capacity: 20-200mm

CE



1/4"

Flug flanger pliers

CODE	
FG 172/OT	



CV clamp banding tool with cutter

CODE	Ø/mm	
FG 172/PA	4.7 - 9.5	

For Panduit ties



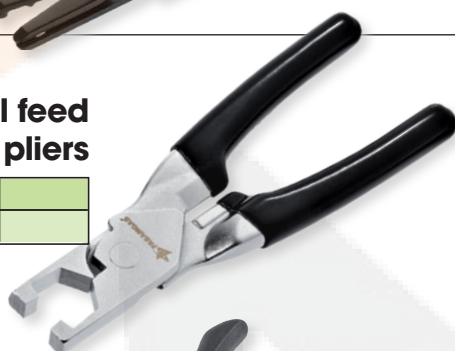
Hose removal pliers

CODE	
FG 172/TG	



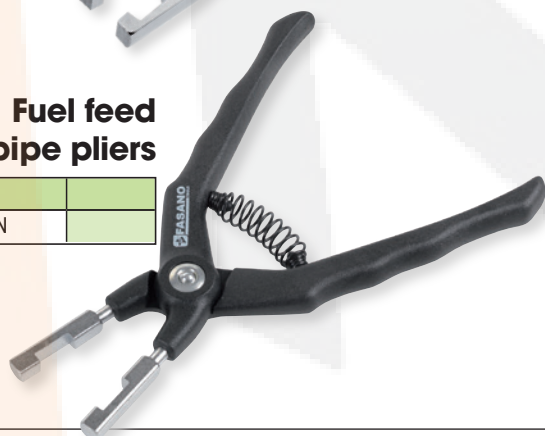
Fuel feed pipe pliers

CODE	
FG 171	



Fuel feed pipe pliers

CODE	
FG 171/N	



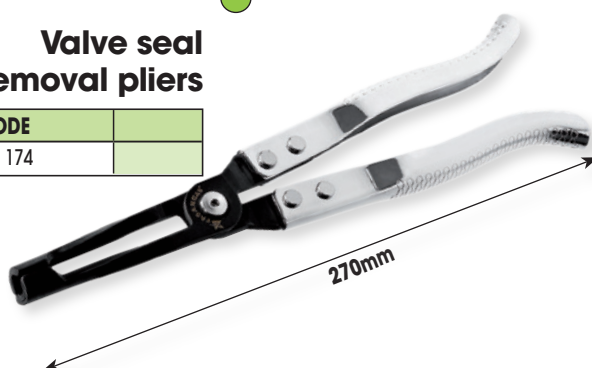
Wedges for releasing diesel fuel filter fittings

CODE	
FG 172/S4	



Valve seal removal pliers

CODE	
FG 174	



Plastic hose pliers

CODE	Ø mm	
FG 170/1	8-15	
FG 170/2	15-25	
FG 170/3	25-45	



Set of 3 plastic hose pliers

CODE	
FG 170/S3	

Fuel feed pipe pliers

CODE	
FG 171/B	



Fuel feed pipe pliers

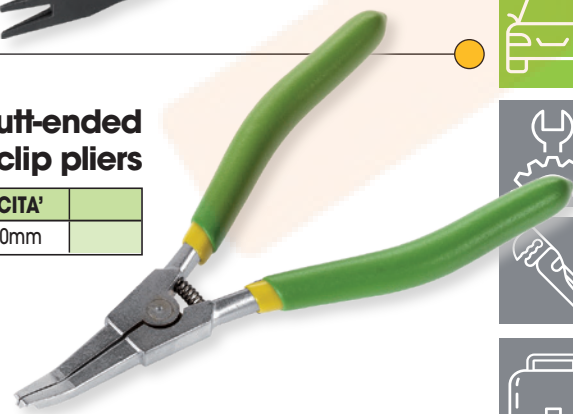
CODE	
FG 172/MJ	

For MULTIJET



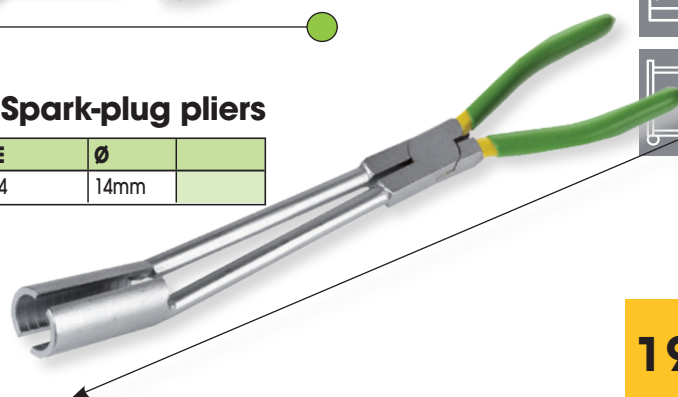
External butt-ended circlip pliers

CODE	CAPACITA'	
FG 55/SP	30 - 100mm	



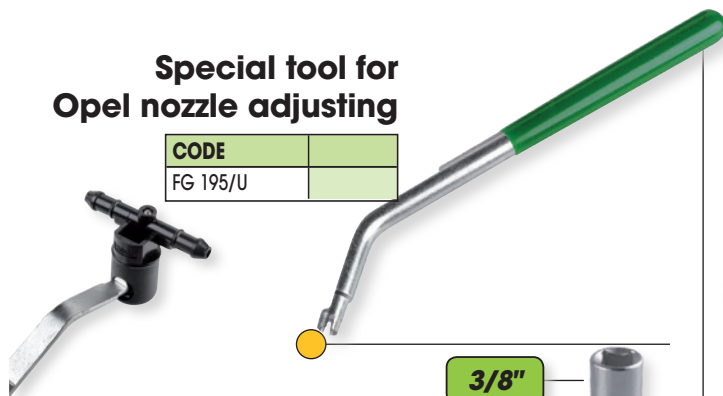
Spark-plug pliers

CODE	Ø	
FG 174	14mm	



Special tool for Opel nozzle adjusting

CODE	
FG 195/U	

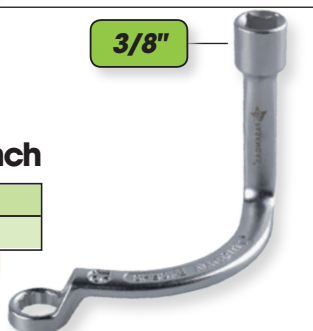


3/8"

Turbo charger wrench

CODE	
FG 196/A12	

22mm



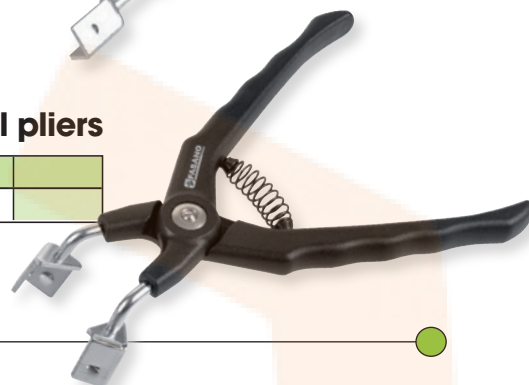
Relay removal pliers

CODE	Ø	
FG 172/RL1	15 - 50mm	



Relay removal pliers

CODE	Ø	
FG 172/RL2	15 - 50mm	



Avviatori

CODE	VOLT	PICKUP CURRENT	
FG 99	12	1.800A	
FG 99/B	12	2.500A	
FG 99/C	12 - 24	5.000A (α 12V)-2.500A (α 24V)	

TECHNICAL FEATURES

- Sealed lead acid battery (AGM)
- Current: 220V and 12V



Set service for garage

CODE	
FG 141010	



Parts:

CODE	DESCRIPTION	
FG 141015	50pcs set seat covers 20MC	
FG 141065	50pcs set carpet covers - 45x35mm	
FG 141060-BO	Steering wheels film cover	
FG 141060-MA	Lever	

Magnetic fender cover

CODE	
FG 141090	





Timing chain splitting and fitting tool kit

CODE	
FG 184/S24	



Set for locking of pulley puller

CODE	
FG 184/BP	

Damper pulley puller holder wrenches

CODE	Ø/mm	
FG 184/B13	13	
FG 184/B15	15	
FG 184/B16	16	
FG 184/B17	17	
FG 184/B19	19	



Set of damper pulley puller holder wrenches

CODE	CONTENT	
FG 184/S5	13, 15, 16, 17, 19mm	
FG 184TX/S5	E10, E12, E14, E16, E18	



Belt tensioner wrench FIAT, Ford, Citroen, Peugeot

CODE	
FG 184/FT1	

Set of damper pulley puller holder wrenches

CODE	
FG 184/S6	

NEW

Content:
- TX40, TX45, TX60
- H8, H10



Ribbed drive pulley puller

CODE	
FG 181/PS	

- Capacity: 40 -90mm
- Depth: 100mm
- Ultra slim jaws

Ribbed drive pulley puller

CODE	
FG 181/PM	

- Capacity: 30 -157mm
- Step throat: 3.56mm





Digital compression tester

Technical features:

- precision: 1%FS
- software in 7 languages (IT, EN, DE, FR, ES, PT, GR, PL)
- touch screen LCD display, 4.3"



CODE	
FG 215	

Accessories included:

- 0-80 bars sensor
- Terminals for 12V battery connection
- kit of couplings + hose for petrol system
- hose for Diesel system

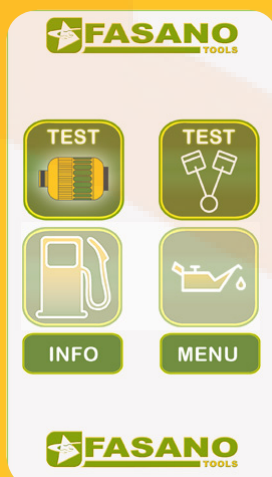


Accessories included

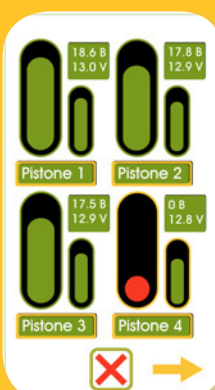


FG 215 allows to test the compression power of **Diesel** and **Petrol** systems.
Designed, engineered and manufactured entirely in **Italy**!

Principal menu of FG 215



ALTERNATOR TEST FUNCTION



COMPRESSION TEST & BATTERY TENSION TEST

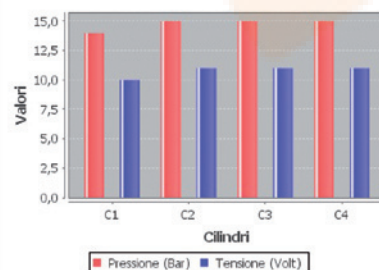
PROVE DI PRESSIONE SU CILINDRI

Dati Cliente
Nome: FLORIANO Cognome: CAMPA Luogo e Data di Nascita:

Dati Autoveicolo
Marca: Modello: Anno: Targa:

Dati Misurazioni

	Misure Eseguite - I valori minimi sono evidenziati in rosso			
N. Cil.	C1	C2	C3	C4
P.(BAR)	14.0	15.0	15.0	15.0
Tens.(V)	10.0	11.0	11.0	11.0



Data: 05/12/2014 11:54:50

Firma e Timbro

Able to download and store datas into PC,
personalizing the data sheet with the
informations of own garage and
own customers



Set of fake glow plugs, injectors and fake adaptors for Petrol system

CODE	
FG 215/S39	

Glow plug adaptors

CODE	SIZE	L/mm	
FG 215/CA1	12x1.25	17.5	
FG 215/CA2	12x1.25	20.0	
FG 215/CA3	10x1.25	28.5	
FG 215/CA4	10x1.25	42.0	
FG 215/CA5	10x1.25	45.0	
FG 215/CA6	10x1.25	44.0	
FG 215/CA7	10x1.0	54.0	
FG 215/CA8	10x1.0	43.0	
FG 215/CA9	12x1.25	26.0	
FG 215/CA10	10x1.25	32.0	
FG 215/CA11	10x1.0	35.0	
FG 215/CA12	12x1.25	58.0	
FG 215/CA13	10x1.0	71.0	
FG 215/CA14	10x1.0	59.0	
FG 215/CA15	8x1.0	61.0	



CODE	SIZE	L/mm	
FG 215/CA16	10x1.25	85.0	
FG 215/CA17	10x1.0	80.0	
FG 215/CA19	10x1.25	102.0	
FG 215/CA20	9x1.0	88.0	
FG 215/CA21	10x1.25	85.0	
FG 215/CA22	10x1.0	73.0	

90° adaptor

CODE	
FG 215/AD90	



High pressure hose complete of quick coupling

CODE	
FG 215/TU	

Injector adaptors



CODE	SIZE	L/mm	
FG 215/FI23	22x1.5	43.0	
FG 215/FI24	24x1.5	28.0	
FG 215/FI25	20x1.5	29.0	
FG 215/FI26	24x2.0	26.0	



Adaptors for truck, marine and agriculture

CODE	
FG 215MP/S9	

Hose for petrol vehicles

CODE	
FG 215TU/BE	



Fake spark plugs for petrol vehicles



CODE	SIZE		CODE	SIZE	
FG 215BE/M10	M10		FG 215BE/M14F	M14 - FORD ZETEC	
FG 215BE/M12	M12		FG 215BE/M16	M16	
FG 215BE/M14	M14		FG 215BE/PR	Prolunga universale	



Digital fuel pressure tester

Technical features:

- precision: 1%FS
- software in 7 languages (IT, EN, DE, FR, ES, PT, GR)
- touch screen LCD display, 4.3"

CODE	
FG 216	

Accessories included:

- 0-80Bars and 0-2.500Bars sensors
- Terminals for 12V battery connection
- kit of couplings + hose for Diesel and Petrol systems

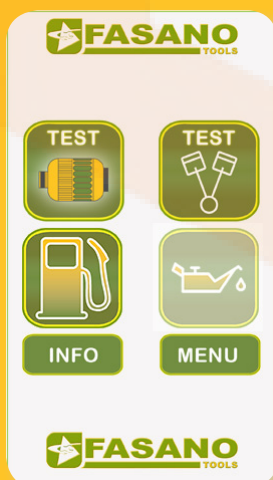


As part of continuous development of specific Automotive tester, **FASANO TOOLS** launch the new **FG 216**, a digital tester capable of measuring fuel pressure of **Diesel** and **Petrol** systems. For Diesel system, **FG 216** is capable to measure **LOW PRESSURE** and **HIGH PRESSURE**.

Accessories included



Principal menu of FG 216



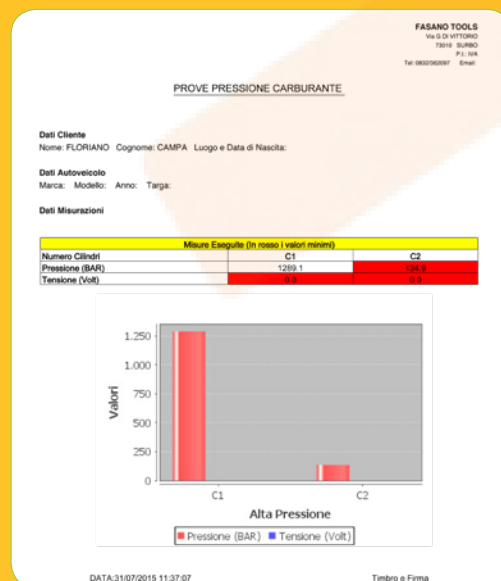
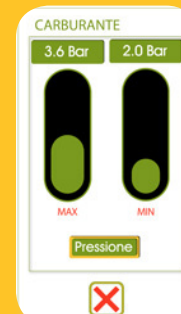
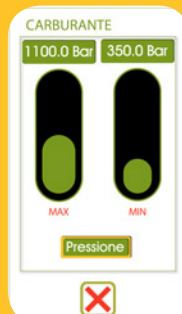
LOW PRESSURE function



COMMON RAIL PRESSURE function



Display screens tests



Able to download and store data into PC, personalizing the data sheet with the informations of own garage and own customers



Multi-function digital tester for engine compression, fuel pressure and engine oil pressure

Technical features:

- precision: 1%FS
- software in 8 languages (IT, EN, DE, FR, ES, PT, GR, PL)
- touch screen LCD display, 4.3"
- sensors 0-80Bar and 0-2.500Bar

CODE	
FG 219/S	

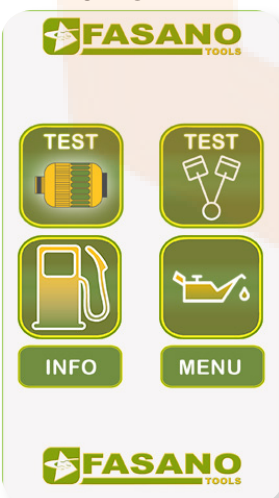


NEW



Able to download and store datas into PC, personalizing the data sheet with the informations of own garage and own customers

Principal menu of FG 219



**ALTERNATOR TEST
ENGINE COMPRESSION TEST
BATTERY TEST**



**FUEL PRESSURE TEST
(HIGH and LOW PRESSURE)**



OIL PRESSURE TEST



TIMING TOOLS SET

INSTRUCTIONS

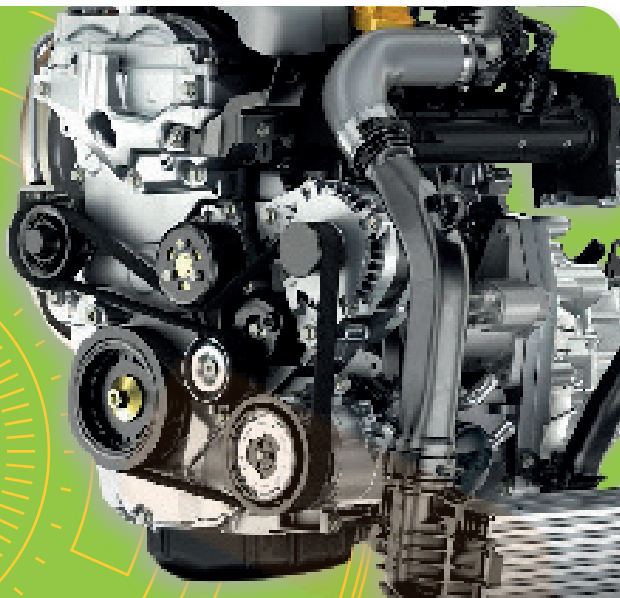
In each User Manual there's the correspondence between **FASANO tools** and OEM tools. This feature permits a fast research and using of each individual tools

SPARE PARTS

FASANO Tools permits to buy the complete set available on the Catalogue and also individual tools which compose each set

TOOL FINDER

In the home of website **www.fasanotools.com** it's possible to use a fast research tool only writing the most important datas of vehicle.



IN COOPERATION WITH:

Autodata

It's what we know

Autodata non è responsabile per l'uso improprio di informazioni tecniche allegate ai prodotti FASANO Tools



Timing tool set for BMW 2.0 N47, N47S, N57 - chain

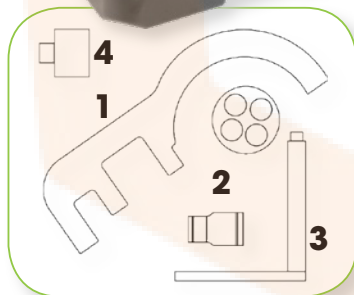
Models:

118D(E81/E87); 120D(E81/E82/E87);
123D(E81/E82/E87); 318D(E90/E91);
320D(E90/E91/E92); 520D(E60/E); X3 2.0D(E83)

Engines: 1.6D, 2.0D, 3.0D

Motor codes: N47, N47S, N57

CODE	
FG 192/BW4	



CÓDIGO	DESCRIZIONE	
1: FG 192/BW4-1	Camshaft alignment tool	
2: FG 192/BW4-2	Crankshaft pulley turning tool	
3: FG 192/BW4-3	Flywheel/drive plate timing pin	
4: FG 192/BW4-4	High-pressure fuel pump sprocket removal tool	



CODE	
FG 192/BW16	



Balance alignment tool for BMW e MINI B47, B48

BMW: Serie 1, Serie 2 Active Tourer, Serie 2 Cabriolet, Serie 2 Coupe, Serie 2 Gran Tourer, Serie 3, Serie 3 Gran Turismo, Serie 4 Cabriolet, Serie 4 Coupe, Serie 4 Gran Coupe, Serie 5, X1, X3, X4, X5

MINI: Clubman, Mini Hatch, Clubman, Convertible, Countryman

Engines:

2.0 D; 2.0 benzina

Motor codes:

2.0 D: B47; B47 C20A; B47 C20B; B47 D20A; B47 D20B

2.0 benzina: B48 A20A; B48 A20B; B48 B20A; B48 B20B

Puller for injection pump pulley - BMW

Motor codes: M41, M51

CODE	
FG 192/BW1	



Puller for injection pump pulley - BMW

Motors: M47, M47TU, M57, M57TU

CODE	
FG 192/BW2	



NEW



Crankshaft holding tool for N47/N47S/N57 BMW engines



Models:

118D(E81/E87); 120D(E81/E82/E87); 123D(E81/E82/E87);
318D(E90/E91); 320D(E90/E91/E92); 520D(E60/E); X3 2.0D(E83)

Engines: 1.6D, 2.0D, 3.0D

Motor codes: N47, N47S, N57

CODE	
FG 192/BW3	



Balancer shaft timing tools suitable for BMW (N47/N47S)



Models:

118D(E81/E87); 120D(E81/E82/E87); 123D(E81/E82/E87);
318D(E90/E91); 320D(E90/E91/E92); 520D(E60/E); X3 2.0D(E83)

Engines: 1.6D, 2.0D

Motor codes: N47, N47S

CODE	
FG 192/BW4B	



Timing tool set for BMW-MINI B37/B47 1.5, 2.0 Diesel (Timing chain)



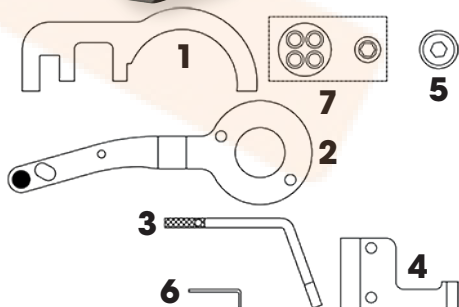
Models:

BMW: 214d; 216d; sDrive 16d; 114d; 116d; xDrive25d; 218d;
220d; sDrive 18d; xDrive 18d; xDrive 20d; 316d; 318d; 418d;
420d; 518d; 225d;
MINI: Mini Hatch; One D; Convertible; Cooper D; Cooper SD

Engines: 1.5, 2.0

Motor codes: B37 C15A; B37 D15A; B47
C20A; B47; B47 D20A; B47 D20B

CODE	
FG 192/BW9B	



CÓDIGO	DESCRIZIONE	
1: FG 192/BW4-1	Attrezzo di allineamento albero a camme	
2: FG 192/ BW9B-2	Attrezzo di bloccaggio albero motore	
3: FG 192/ BW9B-3	Perno di fasatura volano/piastra di comando	
4: FG 192/ BW9B-4	Cambio automatico: Adattatore per perno di fasatura piastra di comando	
5: FG 192/BW4-4	Attrezzo smontaggio pignone pompa carburante ad alta pressione	
6: FG 192/ BW9B-6	Perno di bloccaggio tendicatena	
7: FG 192/BW4-2	Attrezzo di rotazione puleggia albero motore	



Crankshaft turning tool & flywheel holding tools for BMW-MINI B37/B47 1.5, 2.0 Diesel

CODE	
FG 192/BW4C	





Timing tool set for BMW M47/M57 LAND ROVER 2.0 - 3.0 Diesel TD4/TD6; OPEL 2.5 D



Models:

BMW M47/M47TU: 120d, 318d, 318td Compact, 320d, 520d, X3

BMW M57/M57TU: 330d, 335d, 530d, 535d, 635d, 730d, X3, X5, X5D Turbo, X6

LAND ROVER: Freelander (Td4) 2000-2006; **Range Rover:** Td6 (02-13)

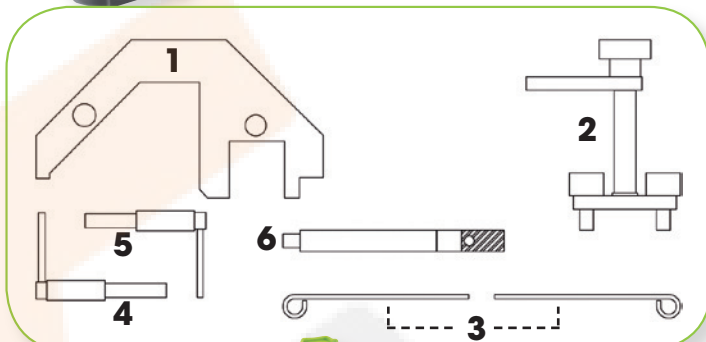
VAUXHALL/OPEL: Omega-B (01-03)

Engine: 2.0; 2.5; 3.0 Diesel

Engine code: M47: 20 4D 1; M47TU: 20 4D 4 / M57: 306D1;

M57: YD30T2, 204D3TD4 / M57TU: 306D2, 306D5, 306D1 / TD6: Y25DT

CODE	
FG 192/BW5	



CODE	DESCRIPTION	
1: FG 192/BW5-1	Camshaft alignment tool	
2: FG 192/BW5-2	Camshaft locking tool	
3: FG 192/BW5-3	Tensioner locking pins (2 pcs)	
4: FG 192/BW5-4	Flywheel timing pin 1	
5: FG 192/BW5-5	Flywheel timing pin 2	
6: FG 192/BW5-6	Flywheel timing pin	



Timing tool set for BMW-MINI B38/B48/B58 1.5, 2.0, 3.0 (Timing chain)



Models:

BMW: 116i; 118i; 225xe; 218i; 220i; 225i; 120i; 125i; 320i; 330i; 420i; 430i; 530i; 520i; 730i; 740e iPerformance; sDrive 20i; xDrive 25i; 214d; 216d; sDrive 16d; 114d; xDrive 25d; 218d; 220d; sDrive 18d; xDrive 18d; xDrive 20d; 316d; 318d; 418d; 420d; 518d; 225d;

MINI: Mini Hatch; One D; Convertible; Cooper D; Cooper SD

Engine: 1.5, 2.0

Engine code: B38 A15A; B38 B15A; B38 K15A; B48 A20B; B48 B20A; B48 B20B; B48 A20A; B38 A12A

CODE	
FG 192/BW15	

Camshaft adjuster control valve socket for BMW/MINI B38/B48 engines

NEW

CODE	
FG 192/BW15A	



Crankshaft holding tool BMW/MINI N47/N47T/N47S (from May 2013 on)

Models:

BMW: 123d; 116d; 316d; 118d; 120d; 220d; 118d xDrive; 120d xDrive; 218d; 316d; 318d; 420d; 520d; sDrive 16d; sDrive 18d

MINI: Clubvan; Countryman; Mini; Paceman; Roadster; Clubman; Coupe;

Engine: 1.6 Diesel; 2.0 Diesel

Engine code:

1.6 Diesel: N47 C16U1, N47 C16K1, N47 C16A/U1, N47 D16C, N47 D16

2.0 Diesel: N47 C20K1, N47 C20U1, N47 C20A/K1, N47S D20B/D/T0, N47 D20C/K1, N47 D20C, N47 D20C/U1, N47 D20C/O1, N47 D20D, N47 D20D/T1, N47T D20O1, N47 D20C/O, N47 D20A, N47 D20C/O1, N47 D20U0

CODE	
FG 192/BW4E	

NEW





Timing tool set for BMW N40, N45

Modelli:

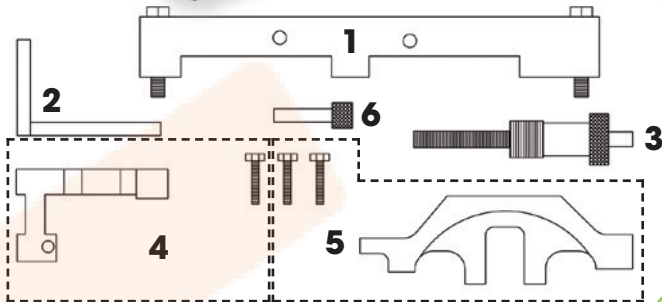
N40: (E46) 316i/316ti/316Ci

N45: (E81/E87) 116i; (E90) 316i

Cilindrata: 1.6

CODE motore: N40 B16A; N45TB16AC, N45B16A

CODE	
FG 192/BW6	



CODE	DESCRIPTION
1: FG 192/BW6-1	Sensor gear alignment tool
2: FG 192/BW8-2	Flywheel timing pin
3: FG 192/MI10-4	Timing chain pre-tensioning tool
4: FG 192/BW6-4	Camshaft alignment tool
5: FG 192/BW6-5	Camshaft alignment tool
6: FG 192/BW6-6	Camshaft alignment tool



Timing tool set for BMW N42, N46, N46T

Models:

N42: (E46) 316i / 316ti / 318ti/318i

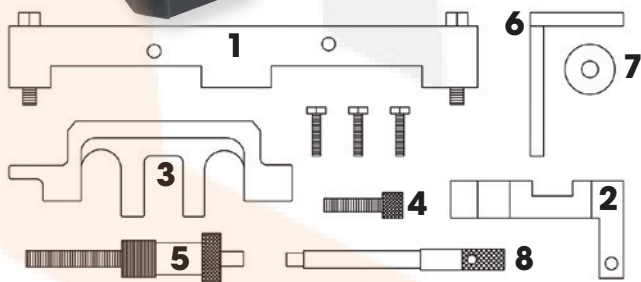
N46: (E87) 118i / 120i; (E90/E91) 318i/320i; Z4 (E85)

Engine: 1.8, 2.0

Engine code: N42 B18A; N42 B20A

N46 B18; N46 B20; N46 B20B

CODE	
FG 192/BW8	



CODE	DESCRIPTION
1: FG 192/BW8-1	Sensor gear alignment tool
2: FG 192/BW8-2	Inlet camshaft alignment tool
3: FG 192/BW8-3	Exhaust camshaft alignment tool
4: FG 192/BW8-4	Camshaft alignment tool
5: FG 192/MI10-4	Timing chain pre-tensioning tool
6: FG 192/BW8-6	Flywheel timing pin 2
7: FG 192/BW8-7	Flywheel timing pin 1
8: FG 192/BW8-8	Inlet camshaft turning tool



Timing tool set for BMW VALVETRONIC

Models:

N42: (E46) 316i / 316ti / 318ti/318i

N46: (E87) 118i / 120i; (E90/E91) 318i/320i; Z4 (E85)

Engine: 1.8, 2.0

Engine code: N42 B18A; N42 B20A

N46 B18; N46 B20; N46 B20B

CODE	
FG 192/BW18	





Timing tool set for BMW N62/N73



Models:

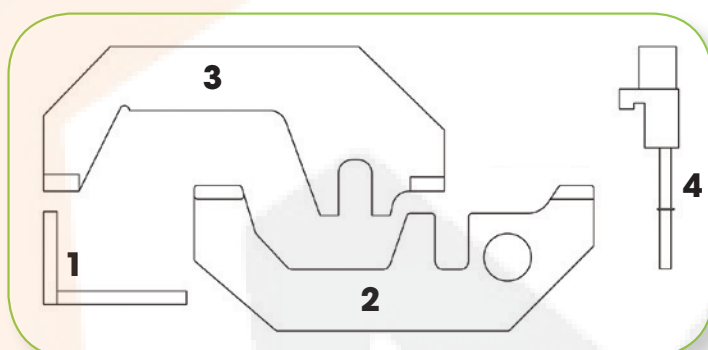
N62: 540i, 545i, 550i (E60/61); 645i, 650i (E63864), 735i, 740i, 745i 750i (E65/66), X5 (E53/E70)

N73: 760i (E65/66)

Engine: 3.6-4.0-4.4-4.8

Engine code: N62 B40A; N62 B44A; N62 B48B; N62 B36A
N73 B60A

CODE	
FG 192/BW7	



CODE	DESCRIPTION	
1: FG 192/BW8-6	Crankshaft pulley alignment tool	
2: FG 192/BW7-2	Inlet camshaft alignment tool	
3: FG 192/BW7-3	Exhaust camshaft alignment tool	
4: FG 192/BW7-4	Camshaft locking tool	



Timing tool set for BMW N43 1.6 & 2.0



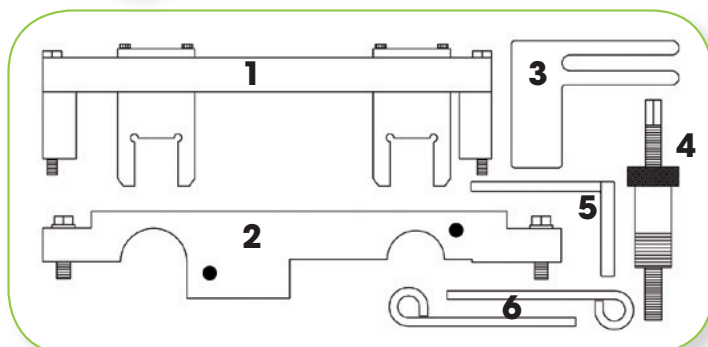
Models:

116i; 118i; 120i; 316i; 318i; 320i; 520i

Engine: 1.6; 2.0

Engine code: N43 B16A/AA; N43 B16AA; N43 B20K0;
N43 B20AY; N43 B20A; N43 B20AA;
N43 B16AA/OO; N43 B20U0

CODE	
FG 192/BW9	



CODE	DESCRIPTION	
1: FG 192/BW9-1	Camshaft alignment tool 1, 2, 3	
2: FG 192/BW9-2	Camshaft position (CMP) sensor disc setting tool 1 & 2	
3: FG 192/BW9-3	Balancer shaft alignment tool	
4: FG 192/MI10-4	Timing chain pre-tensioning tool	
5: FG 192/BW8-6	Flywheel timing pin	
6: FG 192/BW5-3	Tensioner locking pin	



Timing tool set for BMW N13 e N18



Models:

BMW: Serie 1 (114i; 116i; 118i); Serie 3 (316i; 320i)

MINI: Clubman (Cooper S (R55)); Clubman (JCW (R55)); Countryman (Cooper / Cooper S (R60), JWC (R60)); Coupe (Cooper S / JCW (R58)); Mini (Cooper S (R56/R87); Paceman (Cooper / JCW (R61)); Roadstar (Cooper S/JCW(R59))

Engine: 1.6 benzina

Engine code: N13, B16A (cambio manuale), N18 B16A; N18 B16M0; N18 B16C; N18 B16A/MO; N18 B16C/TO

CODE	
FG 192/BW8B	

CODE	DESCRIPTION	
1: FG 192/BW8B-1	Attrezzo allineamento alberi a camme+3 viti	
2: FG 192/BW8B-2	Perno fasatura albero motore (cambio manuale)	
4: FG 192/MI10-4	Attrezzo pretensionamento catena distribuzione	
5: FG 192/MI10-3	Perno fasatura albero motore	

Timing tool set for BMW N20 e N26



Models:

Serie 1 (125i); Serie 3 (320i/xDrive; 328i/xDrive);

Serie 5 (520i; 528i/xDrive); X1 (sDrive18i; sDrive20i; xDrive28i);

X3 (xDrive20i; xDrive28i); Z4 (sDrive18i; sDrive20i; sDrive28i)

Engine: 2.0 benzina

Engine code: N20 B20A; N20 B20B/U0; N20; N26 B20

CODE	
FG 192/BW8C	

CODE	DESCRIZIONE	
1: FG 192/BW8C-1	Attrezzo allineamento alberi a camme	
2: FG 192/BW8C-2	Attrezzo allineamento ingranaggi sensore	
3: FG 192/MI10-4	Attrezzo pretensionamento catena distribuzione	
4: FG 192/BW8C-4	Perno fasatura volano / piastra di comando	





Timing tool set for ALFA ROMEO 1.4, 1.6, 1.8 2.0



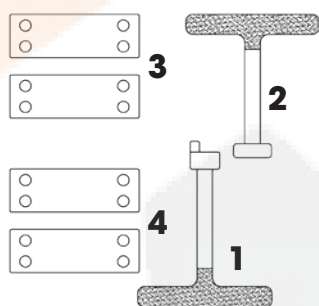
Models:

145, 146, 155, 156, 166, 147, GTV, Spider

Engine: 1.4, 1.6, 1.8, 2.0 benzina

Engine code: 162.01/323.01; 322,01; 335,03; 676,01; 41,03

CODE	
FG 192/AF4	



CODE	DESCRIPTION	
1: FG 192/AF4-1	Timing belt tensioning tool	
2: FG 192/AF4-2	Balancer shaft belt tensioning tool	
3: FG 192/AF4-3	Camshaft locking tool (purple: 1.4 engines)	
4: FG 192/AF4-4	Camshaft locking tool (blue: 1.8 and 2.0 engines)	



Timing tool set for ALFA ROMEO 1.75 TBi



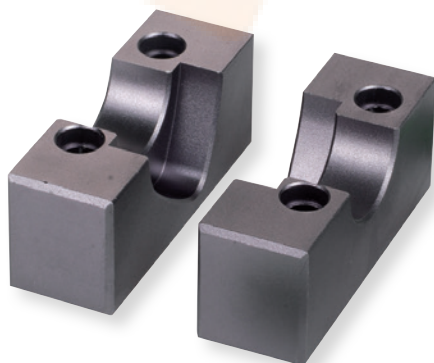
Models:

159; BRERA; GIULIETTA; SPIDER. LANCIA: DELTA

Engine: 1,75 TBi; 1,75 DI Turbo

Engine code: 939B1.000; 940A1.000

CODE	
FG 192/AF4B	



Timing tool set for ALFA ROMEO 1.6 Eco 105 Hp



Models: 147

Engine: 1,6 Eco 105 Hp

Engine code: 372.03

CODE	
FG 192/AF2	



Timing tool set for ALFA ROMEO 2.0 JTS 165 HP



Models: GT, 156

Engine: 2.0 JTS

Engine code: 932A2.000; 937A1.000

CODE	
FG 192/AF4C	



Flywheel locking tool for FIAT

Models:

FIAT: Punto/Punto Classic; Grande Punto; Punto Evo; Palio Weekend; Stilo; Croma; Idea; Multipla; Strada Pick-Up; Marea; Marea Weekend; Sedici; Doblo'; Doblo' Cargo; Linea; Bravo

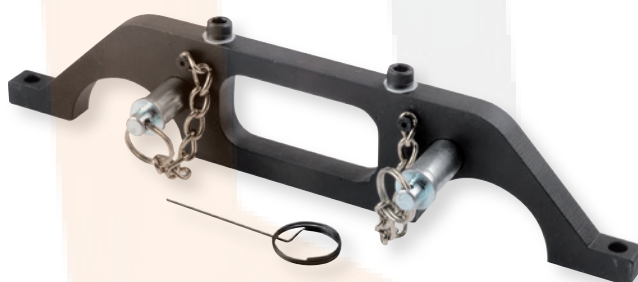
LANCIA: Lybra; Musa; Delta

ALFA: 145; 146; 147; 156; 159

Engine: 1.8 petrol

1.6 Multijet, 1.9 JTD - 1.9 Multijet, 2.0, 2.4

CODE	
FG 192/FT1	



Timing tool set for FIAT CROMA, OPEL 2.2 16V



Models:

FIAT: CROMA

OPEL: ASTRA, VECTRA, VX220 SPEEDSTER, ZAFIRA, SIGNUM,

Engine: 2.2 16V (petrol with chain)

Engine code: 194A1.000; Z22SE; Z22YH

CODE	
FG 192/FT3	



Special tool for holding of water pump for FIAT CROMA, OPEL



Models:

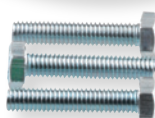
FIAT: CROMA

OPEL: ASTRA, VECTRA, VX220 SPEEDSTER, ZAFIRA, SIGNUM,

Engine: 2.2 16V (petrol with chain)

Engine code: 194A1.000; Z22SE; Z22YH

CODE	
FG 192/FT4	





Timing tool set for FIAT 1.6 16V



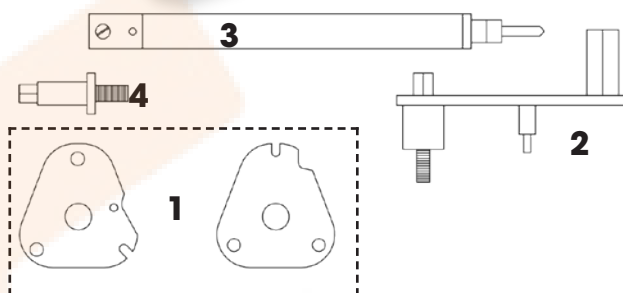
Models:

Brava; Bravo; Marea; Multipla; Stilo; Palio Weekend

Engine: 1.6 16V

Engine code: 178B3.000; 182A4.000; 182A6.000;
182B6.000

CODE	
FG 192/FT5	



CODE	DESCRIPTION	
1: FG 192/FT5-1	Camshaft locking tools	
2: FG 192/FT5-2	Tensioning tool	
3: FG 192/FT5-3	Dial gauge adaptor	
4: FG 192/FT5-4	Flywheel locking tool	

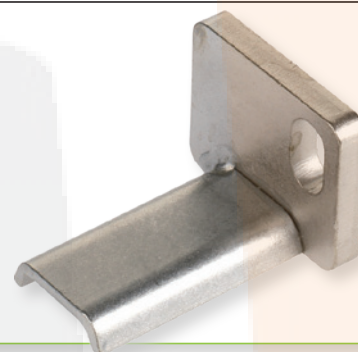
Flywheel locking tool for FIAT

Models: Brava; Bravo; Multipla

Engine: 1.6 16V

Engine code: 182B6.000, 182A4.000

CODE	
FG 192/FT5A	



Timing tool set for FIAT 1.2/1.4 16V



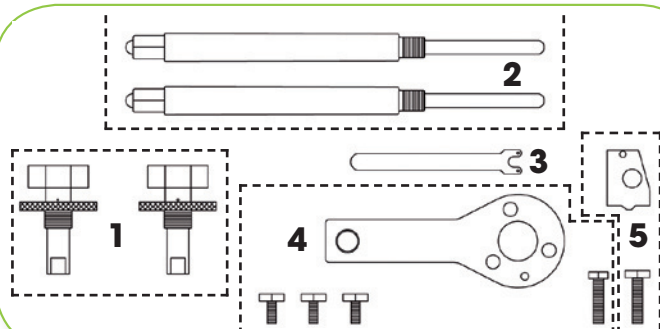
Models:

FIAT: Punto, Brava, Bravo, Marea, Stilo, Palio Weekend
LANCIA: YPSILON, MUSA

Engine: 1.2 16V, 1.4 16V

Engine code: 176B9.000; 182B2.000; 188A5.000;
843A1.000

CODE	
FG 192/FT5B	



CODE	DESCRIPTION	
1: FG 192/FT5B-1	Camshaft locking tools (2 pcs)	
2: FG 192/FT5B-2	Piston position tools (2 pcs)	
3: FG 192/FT12-1	Tensioning tool	
4: FG 192/FT12-3	Crankshaft locking tool	
5: FG 192/FT5B-5	Camshaft sprocket locking tool	



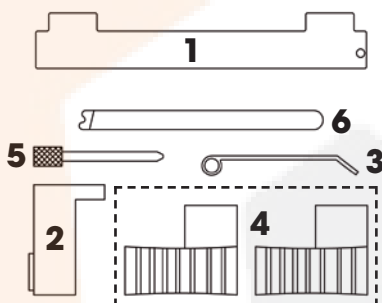
Timing tool set FIAT, ALFA ROMEO, CHEVROLET, OPEL 1.6, 1.8



Models: **FIAT:** Croma; **ALFA ROMEO:** 159;
CHEVROLET: Aveo; Cruze
OPEL: Corsa; Astra, Meriva, Zafira, Vectra, Signum, Insigna
Engine: 1.4, 1.6, 1.8 benzina
Engine code: 939A4.000; G14D; LXV(F16D4); 2HO(Z18XER); Z16LEL; Z16LER; Z16LET; Z16XE1; Z16XEP; Z16XER; A16XER; A18XER; 2HO/A18XEL

CODE	
FG 192/FT7	

CODE	DESCRIPTION	
1: FG 192/FT7-1	Camshafts timing tool	
2: FG 192/FT7-2	Flywheel locking tool	
3: FG 192/FT7-3	Tensioner pulley locking pin	
4: FG 192/FT7-4	Camshaft sprockets locking tool (2 pcs)	
5: FG 192/FT7-5	Auxiliary drive belt tensioner locking tool	
6: FG 192/FT7-6	Flywheel locking tool	



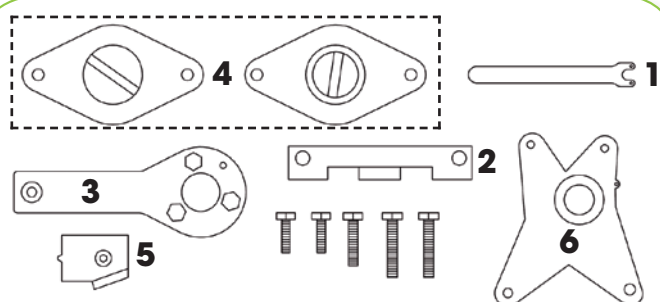
Timing tool set FIAT 1.2 8V, 1.4 8V



Models:
FIAT 500, Grande Punto, Doblo, Panda EVO2.
LANCIA Musa

Engine: 1.2 8V / 1.4 8V
Engine code: 169A4.000 - 199A4.000 - 350A1.000

CODE	
FG 192/FT12	



CODE	DESCRIPTION	
1: FG 192/FT12-1	Tensioning tool	
2: FG 192/FT12-2	Camshaft locking tool	
3: FG 192/FT12-3	Crankshaft timing tool	
4: FG 192/FT12-4	Camshaft aligning tool	
5: FG 192/FT12-5	Camshaft locking tool	
6: FG 192/FT12-6	Cylinder head cover alignment tool	





Timing tool set FIAT 1.3 Multijet, 1.3 CDTi, 1.3 DDiS



Models:

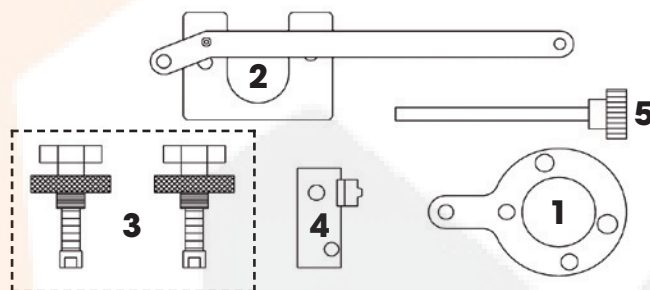
FIAT: Panda, Punto, Idea, Doblo. LANCIA: Musa, Ypsilon
OPEL: Agila, Corsa, Combo, Tigra, Meriva, Astra
SUZUKI: Ignis, Swift

Engine: 1.3 Multijet, 1.3 CDTi, 1.3 DDiS

Engine code: 188A8.000; 188A9.000; 199A2.000;
199A3.000; 169A1.000; 223A9.000; Z13DT; Z13 DTH

CODE

FG 192/FT6



CODE	DESCRIPTION	
1: FG 192/FT6-1	Crankshaft timing tool	
2: FG 192/FT6-2	Tensioner Tool	
3: FG 192/FT6-3	Camshaft locking tool (2 pcs)	
4: FG 192/FT6-4	Flywheel locking tool	
5: FG 192/FT6-5	Pin (8 mm)	



Attrezzo bloccaggio mozzo puleggia albero motore e bloccaggio albero a camme per nuovi motori FIAT Multijet



Modelli:

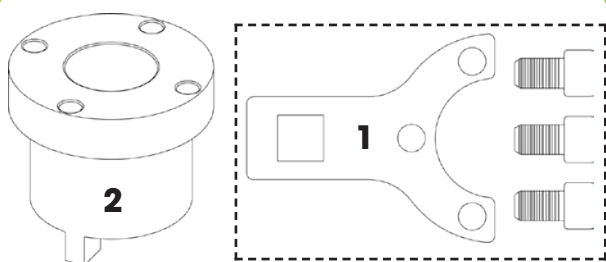
Punto; Grande Punto; Punto Evo; Fiorino; Panda/Panda
Classic; 500/500C; Doblò; Doblò Cargo; Qubo

Cilindrata: 1.3 JTDM; 1.3 JTDM; 1.3 MultiJet 75;
1.3 MultiJet 85; 1.3 MultiJet 90; 1.3 MultiJet 95

CODE motore: 199A3.000; 199B1.000; 199B4.000;
169A1.000; 223A9.000; 263A2.000

CODE

FG 192/FT6A



CODE	DESCRIZIONE	
1: FG 192/FT6A-1	Attrezzo bloccaggio puleggia albero motore	
2: FG 192/FT6A-2	Attrezzo bloccaggio albero a camme	



Timing tool set FIAT, ALFA ROMEO, LANCIA, OPEL 1.6, 1.9, 2.0, 2.4 JTD Multijet



Models:

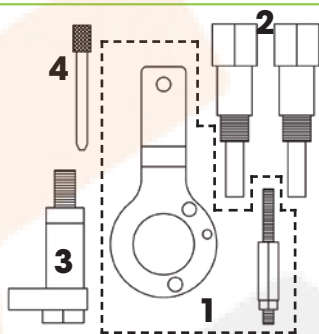
ALFA ROMEO: Mito; Giulietta; 145; 147; 156; 166
 FIAT: Bravo; Croma; Grande Punto; Punto EVO; Stilo;
 Doblo'/Doblo' Cargo; Stilo; Multipla; Marea
 LANCIA: Delta; Lybra
 OPEL: Zafira; Vectra; Astra; Insigna
 SAAB: 9-3

Engine: 1.6, 1.9, 2.0, 2.4 JTD

Engine code: 192A5.000; 937A5.000; 192B1.000;
 939A2.000; 250A1.000; 182B9.000; 937A2.000; 937A3.000
 939B3.000; 955A4.000; Z19DT; Z19DTH; Z19DTJ; Z19DTL;
 A19DTR

CODE	
FG 192/FT6B	

CODE	DESCRIPTION
1: FG 192/FT6B-1	Crankshaft timing tool
2: FG 192/FT6B-2	Camshaft locking tool (2 pcs)
3: FG 192/FT17-4	Flywheel locking tool
4: FG 192/FT6B-4	Pin



Timing tool set FIAT 2.3JTD



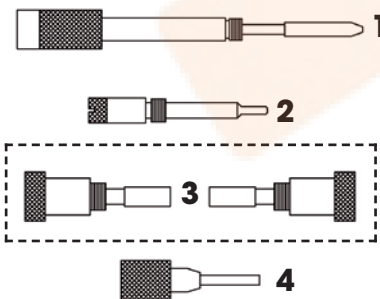
Models: FIAT DUCATO, IVECO DAILY

Engine: 2.3D JTD, 2.3D-3.0D Multijet, 2.3D HPI; 3.0 HPI

Engine code: F1AE0481C; F1AE0481A; F1AE0481B;
 F1AE0481H; F1AE0481F; F1AE0481G; F1AE0481R; F1AE0481FA;
 F1AE0481HA; F1AE0481UA; F1AE0481VA; F1AE0481D; F1A-
 E0481N; F1AE0481E; F1CE3481N; F1CE3481M; F1CE0481D;
 F1CE3481E; F1CE3481A; F1CE3481B; F1CE3481H; F1CE3481F

CODE	
FG 192/FT5C	

CODE	DESCRIPTION
1: FG 192/FT5C-1	Crankshaft timing pin
2: FG 192/FT5C-2	Crankshaft timing pin
3: FG 192/FT5C-3	Camshaft timing pins
4: FG 192/FT17-12	Camshaft sprocket aligning pin



Timing belt tensioner tool for JTD / MultiJet engines



Alfa Romeo: 145, 146, 147, 156, 159, 166, Brera, Giulietta, GT, Mito, Spider
Fiat: 500L, 500X, Brava, Bravo, Croma, Doblo', Ducato, Freemont, Grande
 Punto, Idea, Marea, Multipla, Punto, Stilo
Lancia: Delta, Kappa, Lybra, Musa, Thesis
Saab: 9-3, 9-5
Suzuki: SX4

Engine: 1.6 JTD, 1.9 JTD/JTDM; 2.0 JTD; 2.4 JTD; 1.6 D; 2.0 D; 1.9 D; 1.9 CDTi;
 2.0 CDTi; 1.9 TiD/TiTD; 2.0 TiD; 2.2 TiD; 1.9 DDiS

NEW

CODE	
FG 192/JTD	





Timing tool set FIAT TWINAIR

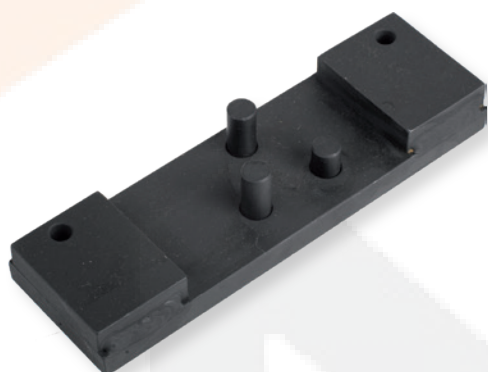
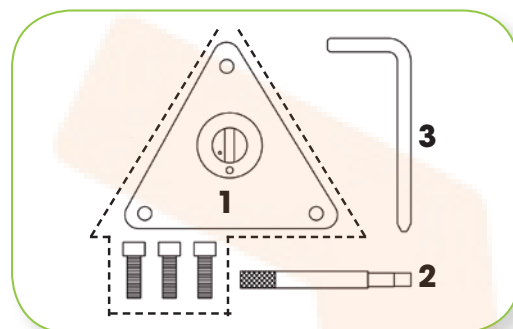
Models: 500/500C (07-); Panda (2012)

Engine: 900 Twinair Turbo

Engine code: 312A2.000

CODE	
FG 192/FT6C	

CÓDIGO	DESCRIPTION	
1: FG 192/FT6C-1	Camshaft locking tool	
2: FG 192/FT6C-2	Crankshaft pulley locking tool	
3: FG 192/FT6C-3	Flywheel/drive plate locking tool	



Balancer shaft alignment tool for Fiat Twinair

Models: Ypsilon, 500, 500C, 500L, Punto, Panda, Mito

Engine: 900 Twinair, 900 Twinair Turbo Turbo

Engine code: 312A5.000, 312A2.000, 199B6.000, 312A7.000

CODE	
FG 192/FT6D	



Timing tool set MULTIAIR

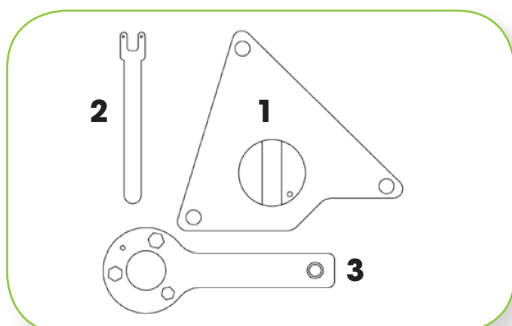
Models:

Punto EVO, Punto EVO Abarth, Bravo, 500
Alfa MITO, Giulietta

Engine: 1.4 Multiair 16V

Engine code: 940A2.000, 955A6.000,
955A2.000, 955A7.000, 955A8.000, 198A7.000

CODE	
FG 192/FT10	



CÓDIGO	DESCRIPTION	
1: FG 192/FT10-1	Camshaft timing tool	
2: FG 192/FT12-1	Crankshaft locking tool	
3: FG 192/FT10-3	Tensioner pulley adjusting tool	





Timing tool set FIAT TWINAIR e MULTIAIR

Models: 500/500C (07-); Panda (2012), Punto EVO, Punto EVO Abarth, Bravo, 500, Alfa MITO, Giulietta

Engine: 900 Twinair Turbo, 1.4 Multiair 16V
Engine code: 312A2.000, 940A2.000, 955A6.000, 955A2.000, 955A7.000, 955A8.000, 198A7.000

CODE	
FG 192/FT16	

Spring compression tool for electro-hydraulic valve control - MULTIAIR and MULTIAIR TURBO

Models: Punto EVO, Punto EVO Abarth, Bravo, 500, Alfa MITO, Giulietta, Lancia Delta

Engine: 1.4 Multiair 16V
Engine code: 940A2.000, 955A6.000, 955A2.000, 955A7.000, 955A8.000, 198A7.000

CODE	
FG 192/FT10C	

NEW VERSION 2020

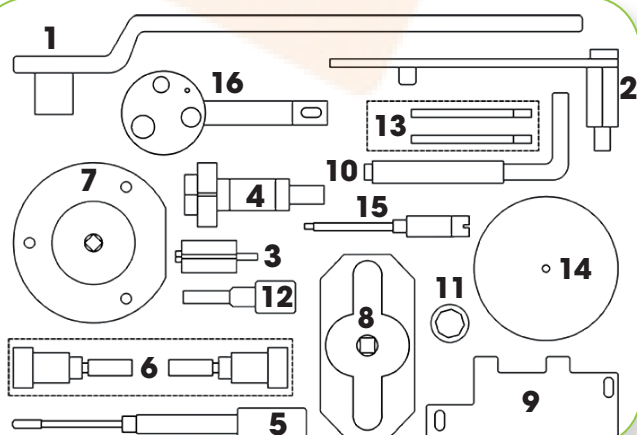
Timing tool set FIAT, IVECO, FORD, PEUGEOT, CITROEN

Models: FIAT: Ducato, IVECO: Daily, CITROEN: Relay/Jumper III, PEUGEOT: Boxer III, FORD: Transit Van

Engine: 2.2 - 2.3 - 3.0 JTD MJ (catena o cinghia)
Engine code: 4HU(P22DTE); 4HV(P22DTE); P8FA; P8FB; QVFA; QWFA;SRFA; SRFB;SRFC; SRFD; SRFE; PGFA; PGFB; F1AE0481A/B/C/D/E/F/FA/G/H/HA/N/R/UA/VA F1CE3481/A/B/E/F/H/M

CODE	
FG 192/FT17	

CÓDIGO	DESCRIPTION
1: FG 192/FT17-1	Crankshaft holding/turning tool (2.2 MJ)
2: FG 192/FT17-2	Crankshaft alignment tool (2.2 MJ)
3: FG 192/FT17-3	Flywheel Locking Tool (2.3 MJ)
4: FG 192/FT17-4	Flywheel Locking Tool (3.0 MJ)
5: FG 192/FT17-5	Crankshaft timing pin (2.3 - 3.0 MJ)
6: FG 192/FT17-6	Camshaft timing pins (2x) (2.3 - 3.0 MJ)
7: FG 192/FT17-7	Extract/introduce tool for oil case (distribution) (2.2 MJ)
8: FG 192/FT17-8	Crankshaft holding/turning tool (3.0 MJ)
9: FG 192/FT17-9	Setting plate (Oil Pump) (2.2 MJ)
10: FG 192/FT17-10	Crankshaft position (CKP) sensor alignment tool (2.2 MJ)
11: FG 192/FT17-11	Water sensor installation socket (2.2 MJ)
12: FG 192/FT17-12	Camshaft sprocket aligning pin (2.3 MJ)
13: FG 192/FT17-13	Camshaft sprocket timing pin (2x) (2.2 MJ)
14: FG 192/FT17-14	Timing cover centring plate (2.2 MJ)
15: FG 192/FT17-15	Crankshaft timing pin (2.3 MJ)
16: FG 192/FT17-16	Crankshaft timing tool (2.2 MJ)





Timing tool set for FORD 1.0 ECOBOOST

Engine: B-MAX; Fiesta; C-MAX; Grand C-MAX; Focus; EcoSport;

Engine: 1.0 EcoBoost; 1.0 SCTi EcoBoost

Engine code: SFJA; SFJB; M1DA; M2DA; M1JC;
M1JE; P4JA; P4JB

CODE	
FG 192/FO16	



Crankshaft pulley bolt removal/installation tool FORD 1.0 Ecoboost

Engine: B-MAX; Fiesta; C-MAX; Grand C-MAX; Focus; EcoSport;

Engine: 1.0 EcoBoost; 1.0 SCTi EcoBoost

Engine code: SFJA; SFJB; M1DA; M2DA; M1JC;
M1JE; P4JA; P4JB



CODE	
FG 192/FO16A	



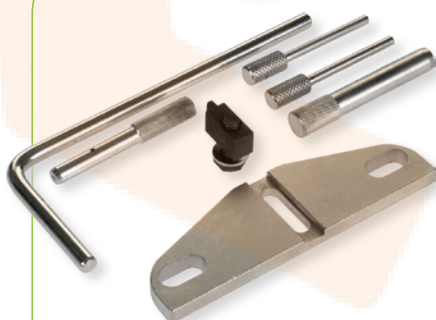
Timing tool set for FORD 2.0 ECOBOOST

Engine: Focus, Mondeo, Galaxy, S-Max

Engine: 2,0 Ti-VCT; 2,0 SCTi EcoBoost; 2,0 EcoBoost

Engine code: MGDA; TNBA; TNBB; TNWA; TNWB; TPBA;
TPWA; XQDA; R9CB; R9CF; R9CH; TNCC; TNCD; TNCF

CODE	
FG 192/FO16B	



Timing tool set for FORD 1.4/1.6 TDCi, VOLVO 1.6/2.0, CITROËN 1.6/2.0/2.2 HDi, FIAT 1.6/2.0/2.2 Multijet

Ford: C-MAX, Fiesta, Focus, Focus, Focus C-MAX

CITROËN: Dispatch/Jumpy III, C4, C4 Picasso/Grand Picasso, C5 II, C5 III, C6, C8

FIAT: Scudo

VOLVO: C30, C70, S40, S80, V50, V70

Engine codes:

-G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HDA, HDB, F6JA, F6JB, F6JC, HUA, HUB, HUC, HUD, HUE, HUF

-9HU (DV6UTED4), 4HP (DW12BTED4), 4HR (DW12BTED4), 4HS (DW12BTED4), 4HT

(DW12BTED4), RHK (DW10UTED4), RHR (DW10BTED4)

-9H07, 9HU (DV6UTED4), RHK (DW10UTED4), RHR DW10BTED4)

-D4164T, D4164T DRIVE, D4204T, D4204T2

Engine: 1.4, 1.6 TDCi / 1.6 HDi, 2.0 HDi, 2.2 HDi / 1.6, 2.0, 2.2 Multijet / 1.6, 2.0



CODE	
FG 192/FO6	



Balancer shaft locking set for FORD, LAND ROVER 2.2 D

Models:

FORD: Galaxy, S-Max, Mondeo

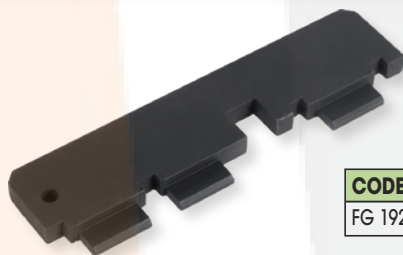
LAND ROVER: Freelander 2; Range Rover Evoque; Discovery Sport

Engine: 2.2

Engine code: KNWA; Q4BA; Q4WA; DW12CTED4; 224DT

CODE	
FG 192/FO7C	







Set fasatura motori FORD Transit 2.2 TDCI

Modelli: Ford Transit

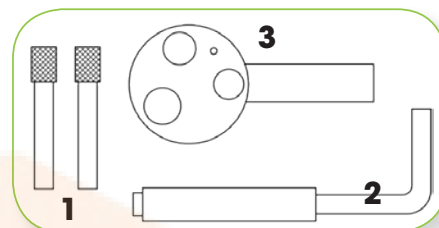
Cilindrata: 2.2 TDCI

CODE motore: CYFA; CYFB; DRFA; USR6; SRFA; SRFB; SRFD; SRFE; UHFA; QVFA; QWFA; PGFA; PGFB



CODE	
FG 192/FO7	

CODE	DESCRIZIONE
1: FG 192/PS15-8	Coppia di perni fasatura albero motore (6mm)
2: FG 192/FO24-20	Perno di allineamento albero motore
3: FG 192/FO7-3	Attrezzo bloccaggio puleggia albero motore



Utensile bloccaggio puleggia albero motore FORD Transit 2.2 TDCI

CODE	
FG 192/FO7B	

Attrezzo bloccaggio albero motore FORD 2.2 TDCI

CODE motore:

CYRA; CVRA; CVRB; DRRRA; DRRB; USRA; USRB

CODE	
FG 192/FO7E	

NEW



Timing tool set FORD/MAZDA

Models:

FORD: C-Max; Courier; Fiesta; Focus; Focus C-Max; Galaxy; Grand C-Max; S-Max; Mondeo; Tourneo; Transit

MAZDA: 121

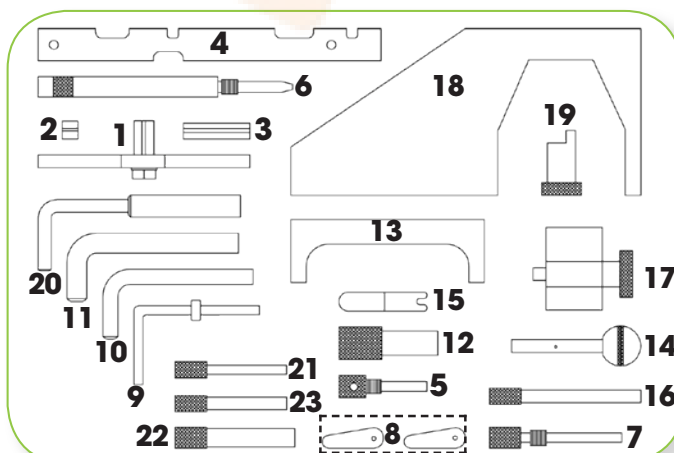
Engine:

1.25, 1.4, 1.6, 1.8, 2.0, 2.9, 1.4D, 1.6D, 1.8D, 1.9D, 2.0D, 1.8D Turbo, 1.8 XR2i, 1.8 TDDi, 1.8D TDCi, 1.4D TDCi, 1.6 TDCi, 1.9 TDI, 1.9D TDI PD, 2.0D TDCi, 2.0 SR150, 2.5 DI/Turbo/TCI

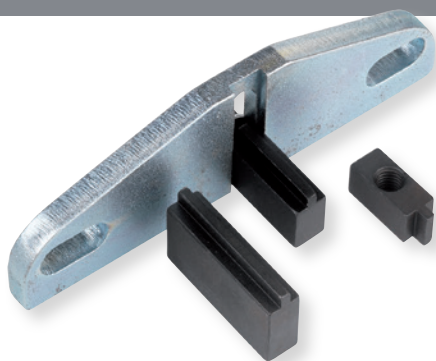
Engine code:

BHPA; KKDA; HCPA; TZJA; T1DA; C9DC; RTN/RTQ; RTP; DHA; C9DC; UBJA; C9DA/B; FFDA; F9DA/B; BHDA/B; QYWA; FFWA; ANU; UBJA; CFBA; R3PA; HCPA; HCPB; R2PA; P9PA; P7PA; R3PA; RWPA; RWPC; BHPA; 4CA; 4CB; 4FD; 4AB; 4BB; 4BA; 4AE; 4GA; DHA

CODE	
FG 192/FO24	



CODE	DESCRIZIONE
1: FG 192/FO24-1	Attrezzo di bloccaggio del volano
2: FG 192/FO24-2	Adattatore per l'attrezzo di bloccaggio del volano
3: FG 192/FO24-3	Adattatore per l'attrezzo di bloccaggio del volano
4: FG 192/FO24-4	Barra di bloccaggio albero a camme
5: FG 192/FO24-5	Perno di fasatura albero motore
6: FG 192/FO24-6	Perno di fasatura albero motore
7: FG 192/FO24-7	Perno di fasatura dell'albero motore
8: FG 192/FO24-8	Spessori (2 pz)
9: FG 192/FO24-9	Perno di fasatura dell'albero a camme
10: FG 192/FO24-10	Perno di fasatura dell'albero a camme
11: FG 192/FO24-11	Perno di fasatura del volano
12: FG 192/FO24-12	Perno di bloccaggio del pignone pompa d'iniezione
13: FG 192/FO24-13	Barra di bloccaggio albero a camme
14: FG 192/FO24-14	Perno bloccaggio pompa d'iniezione
15: FG 192/FO24-15	Chiave a due denti
16: FG 192/FO24-16	Perno di messa a registro
17: FG 192/FO24-17	Attrezzo di bloccaggio del pignone albero motore
18: FG 192/FO24-18	Attrezzo allineamento albero a camme
19: FG 192/FO24-19	Attrezzo registrazione sensore di posizione albero motore
20: FG 192/FO24-20	Attrezzo di bloccaggio volano
21: FG 192/FO24-21	Attrezzo allineamento albero motore/pompa carburante
22: FG 192/FO24-22	Attrezzo di bloccaggio del volano
23: FG 192/FO24-23	Attrezzo di bloccaggio degli alberi a camme



Flywheel locking tool for FORD

Diesel, Petrol - Belt and Chain

CODE	
FG 192/FO3	



Timing tool set FORD ZETEC and DURATEC

Models:

FORD: Fiesta, Fusion, Courier, Escort, Focus, Puma, Mondeo, Transit, Connect, Cougar, Orion, Kombi, Galaxy

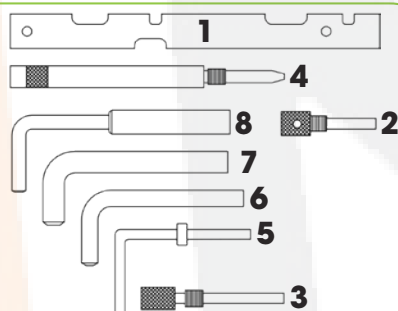
MAZDA: 121 benzina

VOLVO: S40, V50 benzina

Engine: 1.2, 2.4, 1.6, 1.6 16V, 1.7 16 cinghia, 1.8D, 1.8TD, 1.8 e 2.0 16V cinghia e catena

Motor code: FUJA, FUJB, FXJA, FXJB, FYJA, FYJB, F8JA, F8JB, M7JA, M7JB, DHA, DHB, DHC, DHD, DHE, DHF, DHG, FHA, FHE, L1T, L1V, L1E, L1G, L1H, L1Y, L1K, RDA, RDB, RKC, RQB, RQC, FXDA/C, FXDB/D, FYDA/C, FYDB/D, FYDH, HWD, RFN, RTJ, RTK, RVA, RKD

CODE	
FG 192/FO8	



CODE	DESCRIZIONE	
1: FG 192/FO24-4	Barra di bloccaggio albero a camme	
2: FG 192/FO24-5	Perno di fascatura albero motore (40x5mm)	
3: FG 192/FO24-7	Perno di fascatura albero motore (65x7,5mm)	
4: FG 192/FO24-6	Perno di fascatura albero motore	
5: FG 192/FO24-9	Perno di fascatura albero a camme (Ø 6mm)	
6: FG 192/FO24-10	Perno di fascatura albero a camme (Ø 9,5mm)	
7: FG 192/FO24-11	Perno di fascatura albero a camme (Ø 12,7mm)	
8: FG 192/FO24-20	Attrezzo bloccaggio volano	



Timing tool set FORD 2.0, 2.2, 2.4, DURATORQ 16V

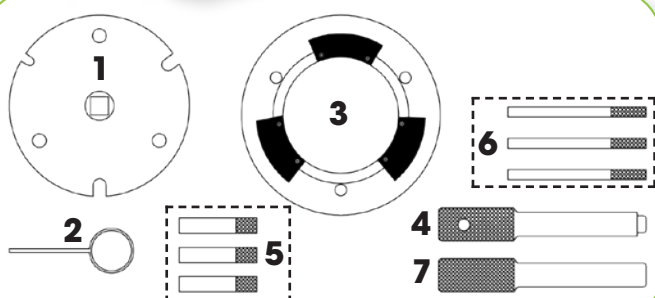
Models:

Mondeo, Transit, Focus

Engine: 2.0, 2.2 & 2.4 DURATORQ 16V

Engine code: FMBA/B, HJBA, HJBB, HJBC, HJBE, SDBA, D5BA, D6BA, QJBA, QJBB, QJBC, ABFA, D3FA, F3FA, F1FA, D2FA, D4FA, DOFA, F4FA, FXFA, H9FA

CODE	
FG 192/FO11	



CODE	DESCRIZIONE	
1: FG 192/FO11-1	Piastra smontaggio/montaggio coperchio pompa carburante	
2: FG 192/FO11-2	Perno bloccaggio tendicatena Ø 1.9	
3: FG 192/FO11-3	Piastra bloccaggio pignone pompa iniezione carburante	
4: FG 192/FO11-4	Perno bloccaggio volano Ø 14 Ø 10	
5: FG 192/FO11-5	Perni bloccaggio pompa gasolio	
6: FG 192/FO11-6	Perni bloccaggio pignoni alberi a camme Ø 6	
7: FG 192/FO11-7	Perno bloccaggio volano Ø 14	



Timing tool set JAGUAR e LAND ROVER 3.2, 3.5, 4.0, 4.2, 4.4 V8

Models:

JAGUAR: XJ8, XJ8 Sport, Sovereign, XJR V8, XKR, S-Type, XK8

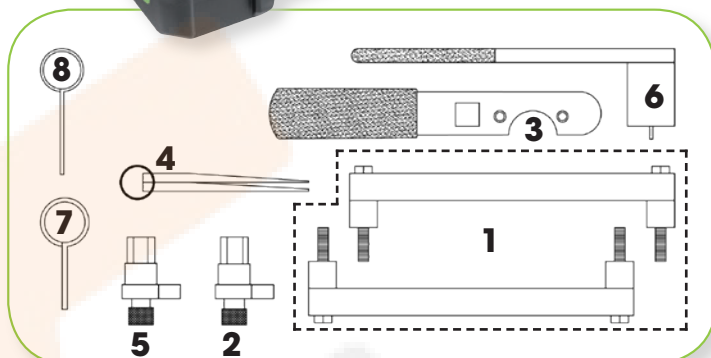
LAND ROVER: Range Rover Supercharged, Discovery 3,
Range Rover

DAIMLER: V8, Super V8

Engine: 3.2, 3.5, 4.0, 4.2

Engine code: AC, KB, KC, RB, BC, CC, CE, LB, LC, MA, MB, NB, NC, 1B, 2B, 3B, 1G, 5G, 9G, HB, HG, SB, TB, PC, 428PS, 448PN, BC, DC

CODE	
FG 192/LR9	



CODICE	DESCRIPTION	
1: FG 192/LR9-1	Camshafts setting/locking tool	
2: FG 192/LR9-2	Crankshaft positioning tool	
3: FG 192/LR9-3	Timing chain tensioning tool	
4: FG 192/LR9-4	Primary chain wedges	
5: FG 192/LR9-5	Crankshaft positioning tool	
6: FG 192/LR9-6	Camshaft adjuster holding / turning tool	
7: FG 192/LR9-7	Ø 3 mm Pin	
8: FG 192/LR9-8	Ø 0.8 mm Pin	



Timing tool set JAGUAR e LAND ROVER 2.0 GTDI

Models:

JAGUAR: XE, XJ, XF

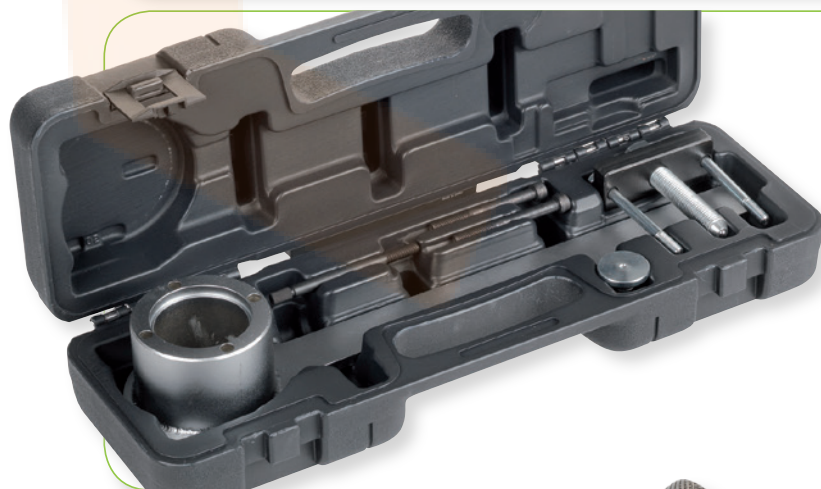
LAND ROVER: Discovery Sport, Freelander 2

RANGE ROVER: Evoque

Engine: 2.0 GTDI

Engine code: 204PT

CODE	
FG 192/LR8	



Crankshaft pulley removal/installation set for JAGUAR & LAND ROVER V8

Models:

JAGUAR: XJ8; XJ8 Sport; Sovereign; XJR V8; XKR; S-Type; XK8

LAND ROVER: Range Rover Supercharged; Discovery 3;
Range Rover

Engine: 3.2; 3.5; 4.0; 4.2

Engine code: AC, KB, KC, RB, BC, CC, CE, LB, LC, MA, MB, NB, NC, 1B, 2B, 3B, 1G, 5G, 9G, HB, HG, SB, TB, PC, 428PS, 448PN, BC, DC

CODE	
FG 192/LR6	



Timing tool set Land Rover TD5

Models: LAND ROVER: Defender, Discovery II

Engine: 2.5 Diesel

Engine code: 10P, 15P, 16P

CODE	
FG 192/LR2	





Timing tool set BMW Mini One, Cooper, Cooper S 1.6 (R50/R52/R53)

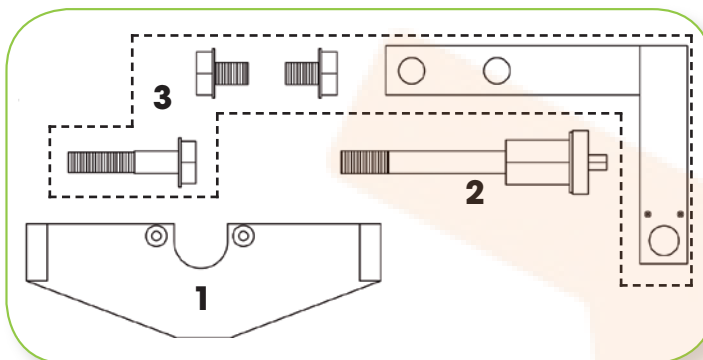
Models:

Mini Cooper 2001-09; Mini Cooper S 2002-2004;
Mini One 2001-2009

Engine: 1.6 benzina

Engine code: W10B16BA; W11B16AA; W10B16AA

CODE	
FG 192/MI6	



CODE	DESCRIPTION	
FG 192/MI6-1	Camshaft sprocket holding tool	
FG 192/MI6-2	Engine support bracket	
FG 192/MI6-3	Tensioner assembly tool	



Timing tool set for MINI, PSA 1.4, 1.6 VTi

Models:

Mini: Clubman

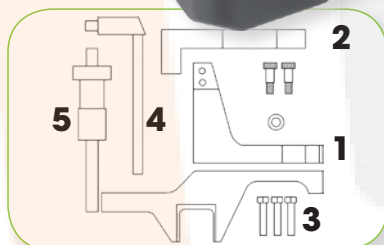
Citroen: C3 III; C4 II; DS3/DS3 Cabrio; Berlingo III; C3 Picasso;
C4 Picasso/Grand Picasso II; C5 III (2010 - 2013); DS4

Peugeot: 308; 207; 208; 3008; 308; 308 CC; 5008; 508; Partner III

Engine: 1.4 VTi, 1.6 VTi

Engine code: 8FR(EP3C); 5FS (EP6C); 5FW (EP6);
EP3C (8FR); EP6C (5FS); EP3 (8FS)

CODE	
FG 192/MI10B	



CODE	DESCRIPTION	
1: FG 192/MI10B-1	Inlet camshaft locking tool	
2: FG 192/MI10B-2	Exhaust camshaft locking tool	
3: FG 192/MI10B-3	Screw	
4: FG 192/MI10B-4	Flywheel locking tools	
5: FG 192/MI10-4	Crankshaft timing pin	



Models:

Mini: Mini One, Mini Couper, Mini Couper S, Mini Clubman

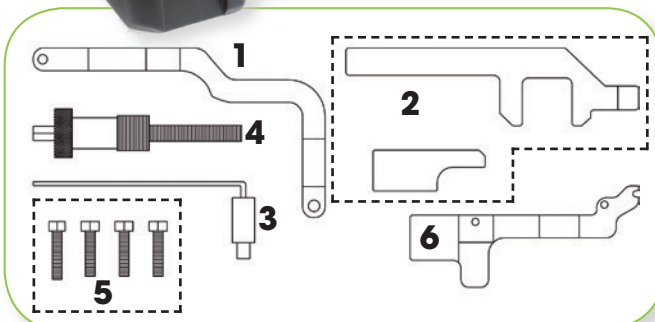
Citroen: C4, C4 Picasso

Peugeot: 207, 308

Engine: 1.4 (N12/N14), 1.6 THP

Engine code: R55, R56, EP3, EP6, EP6DT, DTS

CODE	
FG 192/MI10	



CODICE	DESCRIPTION	
1: FG 192/MI10-1	Inlet camshaft alignment tool (N12)	
2: FG 192/MI10-2	Inlet camshaft alignment tool (N14)	
3: FG 192/MI10-3	Crankshaft timing pin	
4: FG 192/MI10-4	Timing chain pre-tensioning tool	
5: FG 192/MI10-5	Screw	
6: FG 192/MI10-6	Exhaust camshaft alignment tool (N12 & N14 motors)	





Timing tool set motori BMW MINI 1.6 W16D

Models:

MINI: Clubman (Cooper D) (R55), Cooper D (R56/57), One D (R56/57)
 CITROEN: Berlingo III, Berlingo/Berlingo First I/II, C2, C3 I/II/First/Classic, C3 Picasso, C4, C4 Picasso/Grand Picasso, C5 II, C5 III, Xsara Picasso, C4 Aircross, C4 II, DS3/DS3 Cabrio, DS4, DS5, Dispatch/Jumpy III
 PEUGEOT: 1007, 206, 206 CC, 207, 207 CC, 3008, 307, 308, 308 CC, 407, 5008, Partner III, Partner/Partner Origin/Ranch I/II, Expert III

Engine: 1.6 D, 1.6 Hdi, 1.6 e-HDi Airdream, 1.6 e-Hdi

Engine code: W16 D16 (9HZ), W16 D16U0

CODE	
FG 192/MI9	



Timing tool set for 1.8/2.1 MERCEDES-BENZ CDI Diesel -M651 from 2012

Models:

Classe A, Classe B, Classe C, Classe E, CLS, Sprinter, Viano, Vito

Engine: 1.8 CDI, 2.1 CDI

Engine code: M651 dal 2012 in poi

CODE	
FG 192/MB3C	



Timing tool set for 1.8/2.1 MERCEDES-BENZ CDI Diesel -M651

Models:

Classe-A, Classe-B, Classe-C, Classe-C Coupe, CLA, CLS, Classe E, Classe E, Coupe/Cabriolet, GLK, Classe-M, Classe-S, SLK, Sprinter, Viano, Vito

Engine: 1.8 CDI, 2.1 CDI

CODE motore: 651.901, 651.910, 651.911, 651.912, 651.913, 651.916, 651.922, 651.924, 651.925, 651.930, 651.940 651.955, 651.956, 651.957, 651.960, 651.961, 651.980

CODE	
FG 192/MB3	

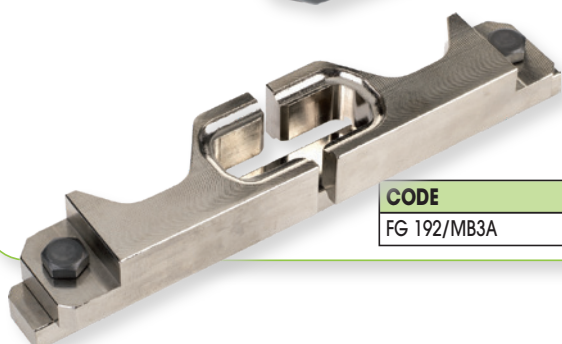
Balance shaft locking tool for MERCEDES-BENZ 1.8/2.1 CDI Diesel (M651)

Models:

Classe-A, Classe-B, Classe-C, Classe-C Coupe, CLA, CLS, Classe E, Classe E, Coupe/Cabriolet, GLK, Classe-M, Classe-S, SLK, Sprinter, Viano, Vito

Engine: 1.8 CDI, 2.1 CDI

CODE motore: 651.901, 651.910, 651.911, 651.912, 651.913, 651.916, 651.922, 651.924, 651.925, 651.930, 651.940 651.955, 651.956, 651.957, 651.960, 651.961, 651.980



CODE	
FG 192/MB3A	

Camshaft clamping tools - MERCEDES-BENZ 1.6 / 2.0 petrol engines



Models:

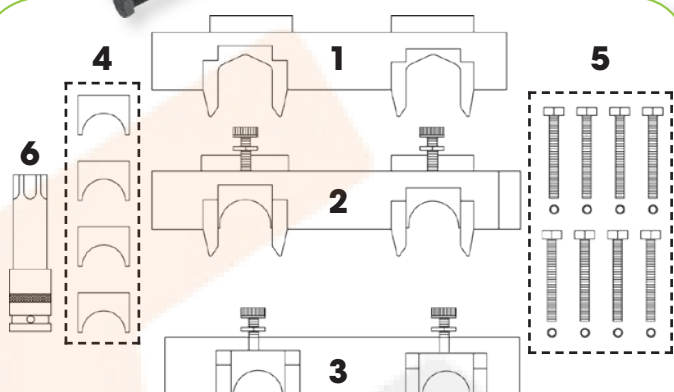
Classe A, Classe B, CLA, Classe C, Classe C Coupe, Classe E, GLK

Engine: 1.6, 2.0 Benzina

Engine code: 270.910, 270.920, 133.980, 274.910, 274.920

CODE	
FG 192/MB24	

CODE	DESCRIPTION
1: FG 192/MB24-1	Gruppo bloccaggio albero a camme (estremità catena)
2: FG 192/MB24-2	Gruppo bloccaggio albero a camme (estremità catena)
3: FG 192/MB24-3	Gruppo bloccaggio albero a camme (estremità scatola del cambio)
4: FG 192/MB24-4	Blocchi per albero a camme di diametro ridotto
5: FG 192/MB24-5	Viti per gruppo di bloccaggio albero a camme
6: FG 192/MB24-6	Chiave a bussola di sicurezza



Timing tool set for Mercedes-Benz 1.8

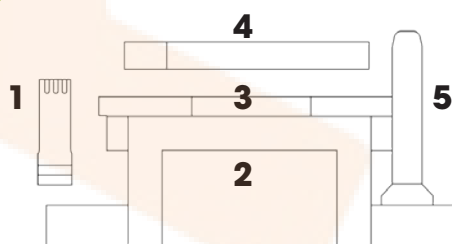
Models:

Classe C; Classe C Coupe; Classe CLC; CLK;
Classe E; SLK; Sprinter

Engine: 1.8 Benzina

Engine code: 271.820; 271.860; 271.861; 271.921; 271.940;
271.941; 271.942; 271.944; 271.946; 271.948; 271.950; 271.951;
271.952; 271.954; 271.955; 271.956; 271.957; 271.958

CODE	
FG 192/MB5	



CODE	DESCRIPTION
1: FG 192/MB5-1	Socket wrench
2: FG 192/MB5-2	Timing chain to camshaft sprocket holder
3: FG 192/MB5-3	Camshaft holding tool
4: FG 192/MB5-4	Tensioner rail wedge
5: FG 192/MB5-5	Chain tensioner drift



Timing tool set for MERCEDES-BENZ M642

Models:

Classe C; CLK; CLS; CLASSE E; CLASSE GL; GLK;
CLASSE M; CLASSE R; CLASSE S; SPINTER; VITO; VIANO



Engine: 3.0 Diesel

Engine code: M642 (642,82; 642,822; 642,83; 642,835;
642,836; 642,838; 642,992; ...)

CODE	
FG 192/MB10	





Timing tool set for 2.1, 2.2, 2.7, 3.2 CDI/CRD Mercedes-Benz e Chrysler

CODE	
FG 192/MB6	

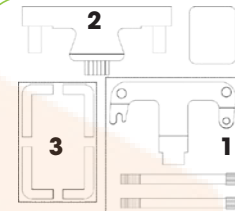
Models:

Mercedes-Benz: Classe-C; Classe-CLC; CLK; Classe-E; Viano; Vito; Sprinter; Classe-M; Classe-S
Chrysler: PT Cruiser

Engine: 2.1 CDI; 2.2 CDI; 2.7 CDI; 3.2 CDI; 2.2 CRD

Engine code: 611.960; 611.961; 611.962; 611.987; 611.980; 611.981; 612.961; 612.962; 612.963; 612.965; 612.967; 613.960; 613.961; 646.811; 646.812; 646.820; 646.821; 646.951; 646.961; 646.962; 646.963; 646.980; 646.981; 646.982; 646.984; 646.985; 646.986; 646.989; 646.990; 647.961; 648.961; 648.960; EDJ

CODE	DESCRIPTION
1: FG 192/MB6-1	Flywheel/drive plate locking tool with M6x90 mm bolts
2: FG 192/MB6-2	Flywheel/drive plate locking tool (starter motor aperture)
3: FG 192/MB6-3	Camshaft timing pins (2 pieces)



Timing tool set for CHRYSLER, JEEP, DODGE

Models:

CHRYSLER: Grand Voyager

JEEP: Cherokee, Wrangler

DODGE: Nitro

Engine: 2.8 Diesel

Engine code: VM64C, ENS, ENS (51C), 49C, 50C, ENS VM10D

CODE	
FG 192/CH3	



Timing tool set for JEEP and CHRYSLER 2.5 CRD / 2.8 CRD

Models:

JEEP: Cherokee. LDV: Maxus

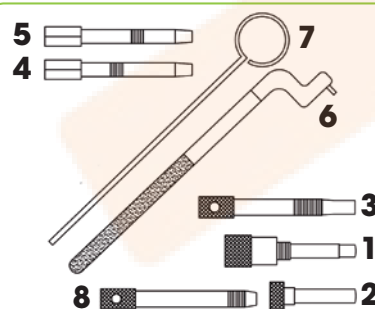
CHRYSLER: Grand Voyager, Voyager.

Engine: 2.5CRD, 2.8CRD

Engine code: R2516C, R2816C5.05A, R2516K, R2816K4, R2516L VM39/40B, R2516L7 VM57/58C

CODE	
FG 192/CH8	

CODE	DESCRIPTION
1: FG 192/CH8-1	Inlet camshaft locking pin
2: FG 192/CH8-2	Exhaust camshaft locking pin
3: FG 192/CH8-3	Flywheel locking pin (Voyager/Grand Voyager 2.5/2.8 and LVD Maxus)
4: FG 192/CH8-4	Flywheel locking pin (Jeep Cherokee 2.8)
5: FG 192/CH8-5	Flywheel locking pin (Jeep Cherokee 2.5)
9: FG 192/VW1D	Tensioner pulley tool
10: FG 192/CH8-7	Balancer shaft locking pin
11: FG 192/CH8-8	Flywheel locking pin (Balancer Shaft)



Timing tool set for JEEP GRAND CHEROKEE 3.0 CRD(Multijet (from 2011))

Models:

JEEP: Grand Cherokee

Engine: 3.0 CRD/Multijet

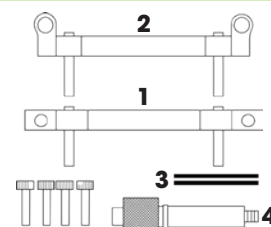
Engine code:

EXF VM23D; EXF VM44D; EXF

CODE	
FG 192/JE9	



CODE	DESCRIPTION
1: FG 192/JE9-1	Camshaft alignment tool (RH bank)
2: FG 192/JE9-2	Camshaft alignment tool (LH bank)
3: FG 192/JE9-3	Tensioner locking pin (2 pcs)
4: FG 192/JE9-4	Crankshaft timing pin





Timing tool set **OPEL 1.0, 1.2, 1.4 - CHAIN**

Models:

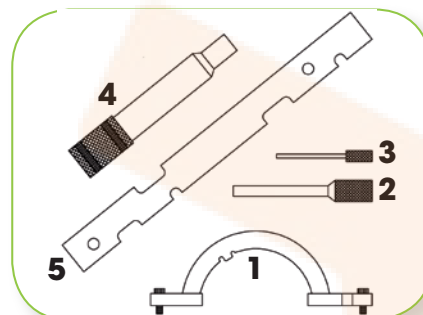
Corsa; Combo; Agila; Astra; Meriva; Tigra

Engine: 1.0 12V; 1.0 16V; 1.2 16V; 1.4 16V

Engine code: X10XE, Z10XE, Z10XEP, Z12XE, Z12XEP, Z14XEP, Z14XEL

CODE	
FG 192/OP5	

CODE	DESCRIZIONE
1: FG 192/OP5-1	Attrezzo di registrazione disco sensore di posizione albero a camme
2: FG 192/OP5-2	Perno di bloccaggio tendicatena 4mm
3: FG 192/OP5-3	Perno di bloccaggio tendicatena 2,5 mm
4: FG 192/OP5-4	Perno di bloccaggio albero motore
5: FG 192/OP5-5	Attrezzo di bloccaggio albero a camme



Updating set for FG 192/OP5

It permits the timing also for below motors:

Adam, Ampera, Astra-J, Insignia, Meriva-B, Mokka, Zafira-C Tourer, Astra-G, Astra-H, Barina, Meriva-A, Tigra-B

Additional engines : 1.0 ecoFLEX, 1.2 ecoFLEX, 1.4 ecoFLEX, 1.4 Turbo ecoFLEX

Additional engine code : LWD, L2Z, LDD, LUU/A14XFL, LDD/A14XEL, LDD/A14XER, LUJ/A14NEL, LUJ/A14NET, A10XEP, A12XEL, AA12XER, A14XER, A14NEL, LUJ/A14NET, LUH/A14NEL, A14NET

CODE	
FG 192/OP7B	

Timing tool set for OPEL 1.0, 1.2, 1.4 Chain and ecoFLEX



Models:

Adam, Agila, Ampera, Astra-J, Corsa-D, Insignia, Meriva-B, Mokka, Zafira-C Tourer, Corsa-B, Corsa-C, Astra-G, Astra-H, Combo, Combo-C, Barina, Meriva-A, Tigra-B

Engine: 1.0, 1.0 ecoFLEX, 1.2, 1.2 ecoFLEX, 1.4, 1.4 ecoFLEX, 1.4 Turbo ecoFLEX,

Engine code: LWD, L2Z, LDD, LUU/A14XFL, LDD/A14XEL, LDD/A14XER, LUJ/A14NEL, LUJ/A14NET, A10XEP, A12XEL, A12XER, A14XER, A14NEL, LUJ/A14NET, LUH/A14NEL, A14NET

CODE	
FG 192/OP7	



Timing tool set for OPEL 1.4-2.2 16V ECOTEC

Models:

Astra F, G e H; Corsa B e C; Combo; Tigra; Vectra B e C; Zafira A e B; Meriva; Signum; Calibra; Omega B; Frontera A e B

Engine: 1.4 16V; 1.6 16V; 1.8 16V; 2.0 16V; 2.2 16V

Engine code: 1.4 16V: X14XE, Z14XE, X16SEJ, X16XE, X16XEL, Y16XE, Z16XE, Z16YNG

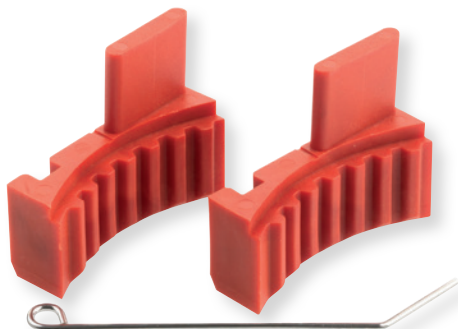
1.8 16V: C18XEL, X18E1, X18XE, X18XE1, Z18XE, Z18XEL

2.0 16V: C20SEL, X20XEV, Z20LEH; Z20LEL; Z20LER; Z20LET

2.2 16V: X22SE, X22XE, Y22SE, Y22XE, Z22X

CODE	
FG 192/OP2	





Timing tool set for OPEL 1.6 16V

Models:

Astra G e H; Astra H Turbo; Corsa D

Engine: 1.6 16V

Engine code: Z16XE1, Z16XER, Z16XEP, Z16LET, Z16LER

CODE	
FG 192/OP3	



Attrezzo di bloccaggio della puleggia albero motore per motori OPEL 1.0/1.4 B10/B14

Modelli:

Astra-K; Karl; Karl Rocks; Mokka X; Viva

Cilindrata:

1.4; 1.4 Turbo; 1.0; 1.0 ecoFLEX; 1.0 LPG ecoFLEX;
1.0 LPG ecoFLEX

Codici motore:

LV7/B14XE; LE2/B14XFL; LE2/B14XFT; L5Q/B10XE; LWT/B10XL

CODE	
FG 192/OP3B	

NEW



Timing tool set OPEL 1.0, 1.4 B10/B14

Models:

Adam; Adam Rocks; Astra-K; Corsa-E; Mokka X

Engine:

1.0; 1.0 Turbo SIDI; 1.0 Turbo SIDI ecoFLEX; 1.4; 1.4 Turbo

Engine code: LE1/B10XFL; LE1/B10XFT; LE1/B10XHL; LV7/
B14XE; LE2/B14XFL; LE2/B14XFT

CODE	
FG 192/OP3A	



Timing tool set OPEL 1.3 CDTi

Models:

Astra, Corsa, Agila, Combo, Meriva

Engine: 1.3 CDTi

Engine code: Z13DT, Z13 DTH, Z13 DTJ

CODE	
FG 192/OP4	

Perno bloccaggio volano OPEL 1.3 CDTi

CODE	
FG 192/OP1	



Timing tool set OPEL 1.6 CDTi e 1.6 SIDI Turbo (from 2013)

Models:

Astra-J; Astra-K; Insignia; GTC; Meriva-B;

Mokka; Zafira-C Tourer; Cascada

Engine: 1.6 CDTi; 1.6 CDTi ecoFLEX; 1.6 SIDI Turbo; 1.6 SIDI Turbo ecoFLEX

Engine code: LVL/B16DTH; LVL/B16DTJ; LVL/B16DTN; LVM/B16DTL; LVM/
B16DTC; LWQ/B16DTC; LWQ/B16DTE; LVK/ B16DTR; LWV/B16DTU; LWC/
A16SHT; LWC/B16SHL; LWC/B16SHT; LVP/A16XHT

CODE	
FG 192/OP4B	





Timing tool set OPEL 2.0 CDTi, CHEVROLET 2.0D VCDi

CODE	
FG 192/OP6	

Models:

Antara, Captiva, Epica, Nubira, Lacetti, Evada

Engine: 2.0 CDTi

Engine code: Z20DMH, Z20DM, Z20S1, RA420



Timing tool set for OPEL 2.0, 2.2



Models:

OPEL: Omega-B, Vectra-B, Astra-G, Zafira-A, Signum, Frontera-B
SAAB: 9-3, 9-5

Engine: 2.0 DTi, 2.2 DTi, 2.2 TiD

Engine code: X20DTH, X20DTL, Y20DTH, X22DTH, Y22DTR, D223L

CODE	
FG 192/OP8	



Set fasatura motori OPEL 2.0 CDTi



Models:

OPEL: Cascada; Insignia-A Country Tourer;
Insignia-A; Zafira-C Tourer

Engine: 2.0 CDTi, 2.0 CDTiEcoflex

Engine code: LFS/B20DTH

CODE	
FG 192/OP15	



Timing tool set for OPEL, SAAB 2.0 TURBO



Models:

OPEL: Signum, Vectra-C
SAAB: 9-3

Engine: 2.0, 2.0 Turbo

Engine code: Z20NET; B207E; B207L

CODE	
FG 192/OP10	



Timing tool set for Opel, Saab, Chevrolet 2.0 e 2.4 Turbo



Models:

Opel: Astra; Astra-J; Insignia; Antara
Saab: 9-5

Chevrolet: Captiva; HHR; Malibu

Engine: 2.0 e 2.4 D (OPC; OPC/VXR); Turbo; Turbo ecoFLEX

Engine code: LHU/A20NFT; LKD/A20NHT; A24XE; A24XF; LE5; LE9

CODE	
FG 192/OP9	





Timing tool set PSA 1.4 e 1.6HDI

Models:

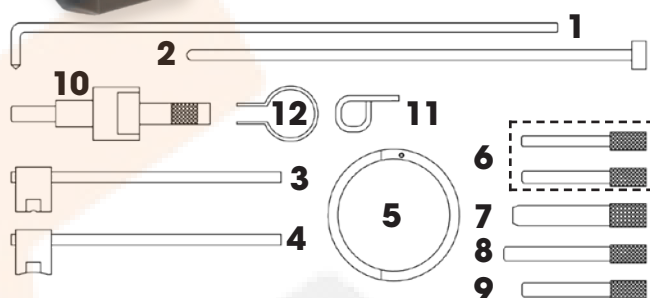
Peugeot: 107, 206, 206 Cc 207, 307, 307 Cc, 308, 406, 406 Coupe, 407, 607, 806, Expert I/II, Expert III, 807

Citroen: Xsara Picasso, Xsara II, C1, C3, C3 Pluriel, C4, C4 Picasso, Grand Picasso, Berlingo/Berlingo First I/II, C5 I, C5 II, C8, Dispatch/Jumpy III, Synergie/Evasion

Cil: 1.4D Hdi, 1.6D Hdi, 1.8, 1.8 16V, 2.0, 2.0 16V, 2.0 Hpi, 2.0 Gti 180/RC, 2.2

Engine code: EW10A(RFJ), EW10D(RLZ), EW10J4(RFR), W10J4L5(RFN), EW10J4S(RFK), EW12J4(3FY/3FZ), EW12J4/5(3FZ), EW7A(6FY), EW7J4(6FZ), 9H Y/9HZ(DV6TED4), 9HX(DV6ATED4), 9HW(DV6BTD4), 9HU(DV6UTED4), DV4TD (8HT/8HX/8HW/8HV/8HY/8HZ)

CODE	
FG 192/PS13	



CODE	DESCRIPTION
1: FG 192/PS13-1	Tensioner pin
2: FG 192/PS13-2	Tensioner pulley locking tool
3: FG 192/PS15-6	Tensioning tool
4: FG 192/PS15-5	Tensioning tool
5: FG 192/PS13-5	Tensioner pulley adjusting tool
6: FG 192/PS13-6	Timing pin
7: FG 192/FO24-22	Timing pin
8: FG 192/PS15-7	Timing pin
9: FG 192/FO24-23	Timing pin
10: FG 192/PS13-10	Flywheel/drive plate locking tool
11: FG 192/PS13-11	Locking Pin
12: FG 192/PS13-12	Crankshaft sprocket centralizing tool



Timing tool set PSA

1.9D, 2.0D HDi, 2.2D HDi

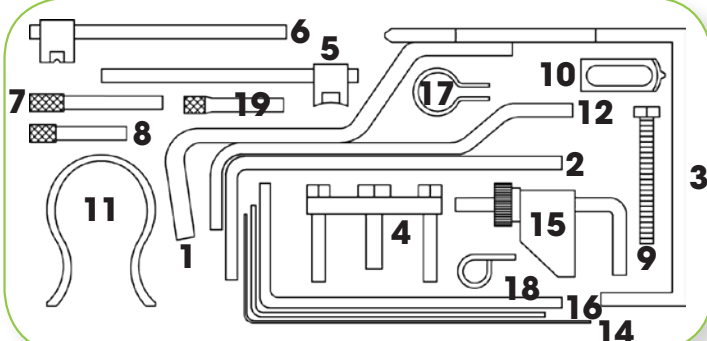
Models:

Xsara; 307; 406; 607; 806; Expert I/II; 807; 206; 306; Boxer; 406 Coupe

Engine: 1.9D, 2.0D HDi, 2.2D HDi

Engine code: DW8/L3(WJZ), DW10TD(RHY), W10ATED(RHS), W10ATED(RHZ), DW10ATED4/L4(RHT), DW10BTED(RHX), W10JATED4(RHW), DW10TD(RHY), DW10UTD(RHV), W12ATED(4HX), DW12ATED(4HZ), DW12UTED(4HY), DW8(WJY), DW8/L/W3(WJZ), DW8B/L4(WJY)

CODE	
FG 192/PS15	



CODE	DESCRIPTION
1: FG 192/PS15-1	Flywheel locking tool
2: FG 192/PS15-2	Flywheel locking tool
3: FG 192/PS13-11	Flywheel timing pin - 8 mm
4: FG 192/PS15-4	Crankshaft pulley puller
5: FG 192/PS15-5	Tensioning tool
6: FG 192/PS15-6	Tensioning tool
7: FG 192/PS15-7	Flywheel locking tool 8 mm
8: FG 192/PS15-8	Flywheel locking tool 6 mm
9: FG 192/PS15-9	M8x80mm
10: FG 192/PS15-10	Flywheel locking tool
11: FG 192/PS15-11	Timing belt retaining clip
12: FG 192/PS15-12	Flywheel timing pin
13: FG 192/PS15-13	Tensioner retaining tool
14: FG 192/PS15-14	Tensioner locking tool
15: FG 192/PS15-15	Timing belt clamp
16: FG 192/PS15-16	Auxiliary drive belt tensioner pulley locking tool
17: FG 192/PS15-17	Crankshaft sprocket centralizing tool
18: FG 192/PS15-18	Flywheel timing pin
19: FG 192/PS15-19	Exhaust camshaft sprocket timing pin



Timing tool set PSA, LAND ROVER, JAGUAR

Models:

PEUGEOT: 407, 607

CITROEN: C5 III, C6

LAND ROVER: Discovery 3, Discovery 4, Range Rover Sport.

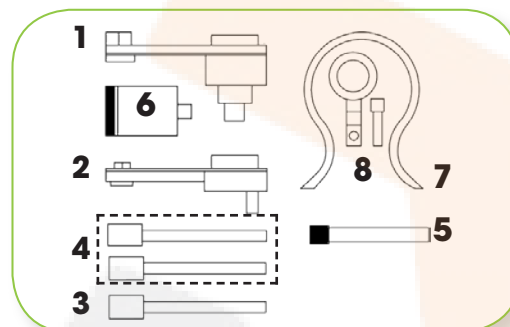
JAGUAR: S-Type, XF, XJ6.

Engine: 2.7, 2.7 TDV6, 2.7 TDVi, 2.7 HDI

Engine code: 276DT, 276DT (7B/7G), 7G, UHZ (DT17BTED4), DT17TED4 (UHZ)

CODE	
FG 192/PS7	

CODICE	DESCRIPTION
1: FG 192/PS7-1	Flywheel locking tool (AT)
2: FG 192/PS7-2	Flywheel timing tool (MT)
3: FG 192/PS7-3	Camshaft sprocket aligning tool
4: FG 192/PS7-4	Camshaft sprocket timing pins
5: FG 192/PS7-5	Water pump pulley locking tool
6: FG 192/PS7-6	Flywheel locking tool
7: FG 192/PS15-11	Timing belt retaining clip
8: FG 192/PS7-8	Water pump support



Timing tool set PSA / FIAT 2.5D, 2.8 - CHAIN

Models:

PEUGEOT: Relay/Jumper

CITROEN: Boxer, Boxer II

FIAT: Ducato, Croma, Talento

Engine: 2.8, 2.8 TDi, 2.8 HDI

Engine code: 8140,63, 8140.43S, 8140.43N, 8144,67, 8140,27, 8140.47R, 8144,21, 8140,47

CODE	
FG 192/PS4	



Timing tool set PSA 1.0VTi, 1.2VTi

Models:

PEUGEOT: 208, 308, 2008

CITROEN: C3 III, DS3/DS3 Cabrio

Engine: 1.0 VTi, 1.2 VTi

Engine code: EBO(ZMZ), EB2(HMZ), ZMZ(EBO)

CODE	
FG 192/PS2	



Stretch belt installation tool for PSA e OPEL 1.0/1.2 3 cylinders (from 2012 on)

Models:

Peugeot: 108, 208, 301, 308, 408, 2008, 3008, 5008, Partner

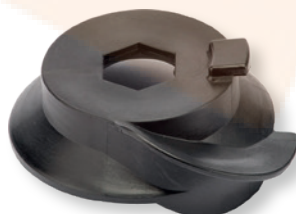
Opel: Crossland X

Citroen: C1, C3, C3 Picasso, C3 Aircross, C4,

C4 Picasso, C4 Cactus, Berlingo, DS3, DS4, DS4S, DS5LS

Engine:

1.0, 1.2 benzina 3 cilindri



CODE	
FG 192/PSA	

Timing tool set PSA 1.4 16V

Models:

CITROEN: Berlingo/Berlingo First I/II; C2

PEUGEOT: 1007; 206; 207; 307

CODE	
FG 192/PS7B	

Engine: 1.4 benzina a cinghia

Engine codes: KFW(TU3A); KFW(TU3JP/L4); KFW(TU3A); KFW(TU3JP); ET3J4(KFU); ET3JP4(KFU); TU3A(KFW)



NEW



Timing tool set RENAULT & NISSAN 1.4, 1.6 16V, 1.8 16V, 2.0 16V

Models:

Clio, Megane, Megan Scenic, Laguna, Espace, Grand Espace, Kubistar, Primastar

Engine: 1.4, 1.6 16V, 1.8 16V, 2.0 16V

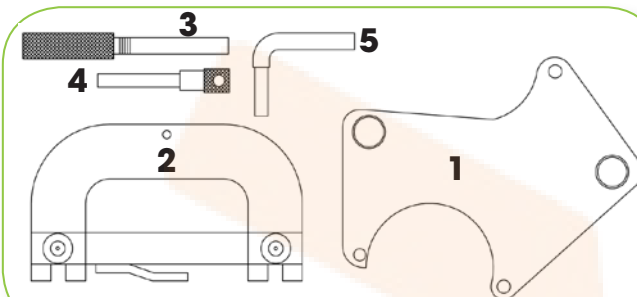
Engine code: K4J, K4M, F4P, F4R

CODE

FG 192/RE5



CODE	DESCRIPTION	
1: FG 192/RE3-1	Camshaft sprocket locking tool	
2: FG 192/RE5-2	Camshaft locking bar	
3: FG 192/RE3-3	Crankshaft timing pin (1.4/1.6)	
4: FG 192/RE3-2	Camshaft timing pin (1.8/2.0)	
5: FG 192/RE5-5	Crankshaft locking pin (1.8/2.0)	



Timing tool set RENAULT 1.5dCi, 1.4 & 1.6 16V

Models: Clio, Kangoo, Megane, Scenic, Grand Scenic II, Clio III

Engine: 1.5dCi, 1.4 & 1.6 16V

Engine code: 1.5 dCi: K9K dal 2001;

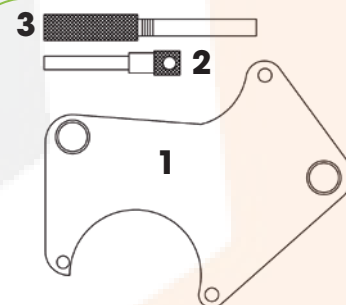
1.4&1.6 16V: K4M, 708, 716, 730, 732, 750, 752, 753, 760, 761, 766, 782, 800, 801, 812, 813

CODE

FG 192/RE3



CODE	DESCRIZIONE	
1: FG 192/RE3-1	Camshaft sprocket locking tool	
2: FG 192/RE3-2	Camshaft timing pin (1.8/2.0)	
3: FG 192/RE3-3	Crankshaft timing pin (1.4/1.6)	



Timing tool set RENAULT, NISSAN 1.6 dCi

Models:

Nissan: Qashqai; Qashqai+2; X-Trail

Renault: Espace; Fluence; Megane III; Scenic/Grand Scenic III; Trafic III

Engine: 1.6dCi

Engine code: 1.5 dCi: K9K dal 2001;

R9M; R9M 410; R9M 409; R9M 452; R9M 402;

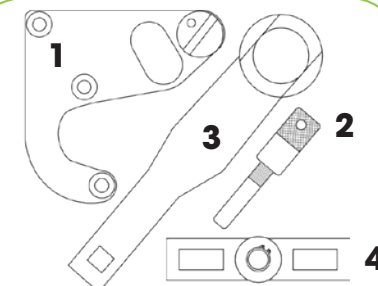
R9M 404; R9M 408; R9M 413; R9M 450; R9M 452

CODE

FG 192/RE4



CODE	DESCRIPTION	
1: FG 192/RE4-1	Camshaft holding/alignment tool	
2: FG 192/RE4-2	Crankshaft timing pin	
3: FG 192/RE6-5	Crankshaft pulley holding tool	
4: FG 192/RE6-6	Two-piece inlet camshaft gear alignment tool	





Camshaft sprocket locking plate for RENAULT 1.8 and 2.0 16V

Models: Clio III; Laguna III Turbo/GT Turbo; Megane II; Megane III; Laguna; Megane; Scenic
Engine: 1.8 e 2.0 16V benzina
Engine code: F4R 830; F4R 832; F4RT 800; F4RT 802; F4RT 820; F4RT 810; F4RT 811; F4RT 813; F4RT 774; F4RT 776; F4RT 872; F4RT 874; F4RT 870; F4RT 874; F4P 760; F4P 720; F4P 722

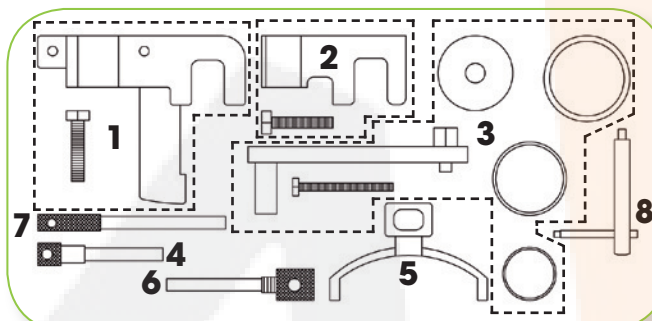
CODE	
FG 192/RE7	



Timing tool set RENAULT, OPEL, NISSAN 1.5, 1.9, 2.2, 2.5 DCI

Models:
Clio, Kangoo, Megane, Scenic, Grand Scenic, Modus, Logan,
Almera, Micra, Qashqai, Kubistar, Laguna, Trafic II, Movano, Vivaro,
Primera, Interstar, Primastar, Espace, Grand Espace
Engine: 1.5, 1.9, 2.2, 2.5 dCi
Engine code: 1.5 dCi: K9K, 1.9 dCi: F9Q, 2.2 dCi: G9T,
2.5 dCi: G9U, 750, 752, 753, 760, 761, 766, 782, 800, 801, 812, 813

CODICE	
FG 192/RE13	



CODE	DESCRIPTION
1: FG 192/RE13-1	Exhaust camshaft locking tool
2: FG 192/RE13-2	Inlet camshaft locking tool
3: FG 192/RE13-3	Tensioning tool
4: FG 192/RE13-2	TDC timing pin
5: FG 192/RE13-5	Injection pump sprocket locking tool
6: FG 192/RE13-6	Crankshaft timing pin
7: FG 192/RE13-7	Crankshaft Timing Pin
8: FG 192/RE13-8	Injection pump gear holding tool



NEW

Injection pump sprocket puller RENAULT, OPEL, NISSAN

Models:
Nissan: Interstar
Renault: Espace/Grand Espace IV; Laguna II; Master II; Trafic II; Vel Satis
Opel: Movano-A; Vivaro
Engine: 2.2 dCi/DTi; 2.5 dCi/DTi/CDTi
Engine code: G9U...; G9T...

CODE	
FG 192/RE13A	

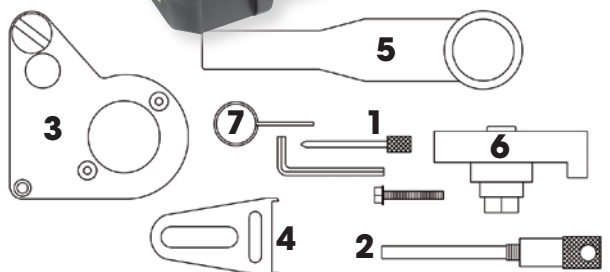


Timing tool set RENAULT 2.0D dCi

Suitable also for OPEL VIVARO e NISSAN PRIMASTAR

Models:
Renault: Scenic, Grand Scenic II, Megane II, Laguna,
Espace, Grand Espace, Trafic, Koleos
Nissan: Qashqai, Primastar
Opel: Vauxhall: Vivaro
Engine: 2.0D dCi
Engine code:
RENAULT: M9R 700, 721, 724, 740, 752,
760, 761, 780, 805, 830, 832, 833
NISSAN: M9R, M9R780
OPEL: M9R780, 750, 752, 753, 760,
761, 766, 782, 800, 801, 812, 813

CODE	
FG 192/RE6	



CODE	DESCRIPTION
1: FG 192/RE6-4	Auxiliary belt tensioner locking pin (3,60mm)
2: FG 192/RE6-2	Crankshaft Locking pin
3: FG 192/RE6-3	Locking tool / camshaft alignment tool + M6 bolt
4: FG 192/RE6-4	Flywheel locking tool
5: FG 192/RE6-5	Crankshaft pulley holding tool
6: FG 192/RE6-6	Two-piece exhaust camshaft gear alignment tool
7: FG 192/RE6-7	Crankshaft pulley holding tool (2,90mm)



Pulley locking tool for VAG 1.4 16V e 1.6 16V



Models:

Volkswagen: Polo, Lupo, Bora, Golf, Golf Estate, Caddy, Caddy Maxi, Polo Classic, Beetle

Skoda: Fabia, Octavia, Octavia Tour, Octavia II

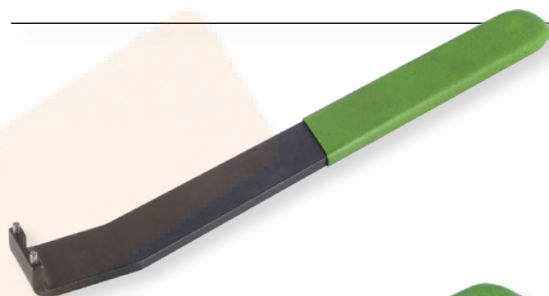
Seat: Cordoba, Ibiza, Arosatoledo, Leon, Inca

Audi: A2

Engine: 1.4 16V e 1.6 16V

Engine code: AFH, AFK, AHW, AJV, AKQ, APE, AQQ, ATN, AUA, AUB, AUS, AXP, AZD, BAD, BBY, BBZ, BCA, BCB, BKY

CODE	
FG 192/VW1	



Belt holder for VW, AUDI, SEAT, SKODA



CODE	
FG 192/VW1B	



Belt holder for VW, AUDI, SEAT, SKODA



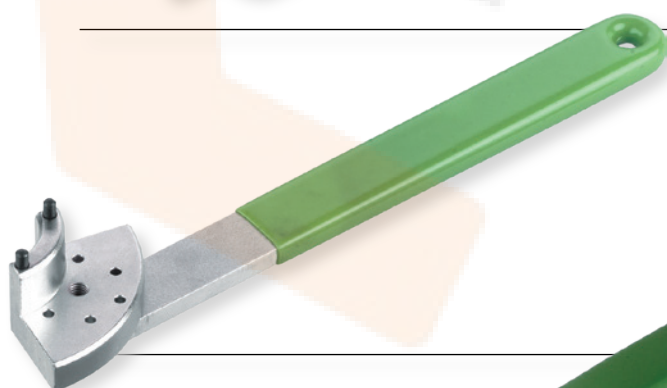
CODE	
FG 192/VW1C	



Belt holder for VW, AUDI, SEAT, SKODA



CODE	
FG 192/VW1D	



Belt holder for VW, AUDI, SEAT, SKODA



CODE	
FG 192/VW1E	



Camshaft sprocket holding tool for VW, AUDI, SEAT, SKODA

CODE	
FG 192/VW1F	





Timing tool set AUDI 3.0 V6 BELT DRIVE



Models:

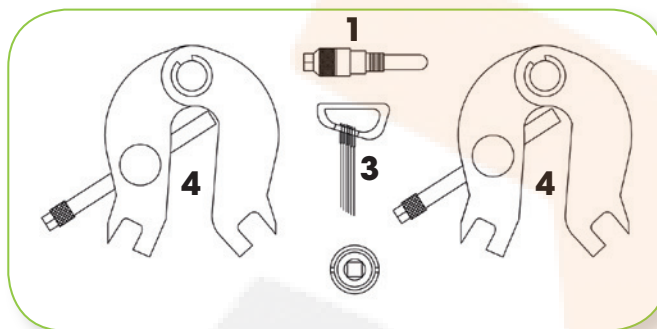
AUDI: A4, A4 Cabrio, A4 quattro, A6, A8

Engine: 3.0 Benzina

Engine code: ASN, BBJ

CODE	
FG 192/VW5B	

CODE	DESCRIPTION	
1: FG 192/VW5B-1	Crankshaft locking tool	
2: FG 192/VW5B-2	Camshaft sprocket adjusting tool	
3: FG 192/VW5B-3	Tensioner locking pins	
4: FG 192/VW5B-4	Camshaft locking tools (2 pcs)	



Timing tool set for VAG 1.0 3 cilindri

Models:

SEAT: Mii

SKODA: Citigo, Fabia

VOLKSWAGEN: Up, Polo

Engine: 1.0 Benzina

Engine code: ASN, BBJ: CHYA, CHYB, CPGA

CODE	
FG 192/VW4B	



CODE	DESCRIPTION	
1: FG 192/VW4B-1	Tensioner pulley holding tool	
2: FG 192/VW4B-2	Camshaft locking tool	
3: FG 192/VW4B-3	Camshaft timing tool	
4: FG 192/VW4B-4	Crankshaft locking tool	

Camshaft alignment tools suitable for VOLKSWAGEN, AUDI, SKODA 1.2 TSi



Models:

VOLKSWAGEN: Beetle/Maggiolino, Caddy/Caddy Maxi, Golf Plus, Golf VI, Golf VI Cabrio, Golf VI Estate, Jetta, Polo, Touran

AUDI: A1, A2, A3 Cabrio

SEAT: Altea/Altea XL, Ibiza, Leon

SKODA: Fabia II, Octavia, Praktik, Roomster, Yeti

Engine: 1.2 TSi

Engine code: CBZA, CBZB, CBZC

CODE	
FG 192/VW2	





Timing tool set VAG 1.2 3 cilindros 6v e 12v

Models:

Volkswagen: Polo, Fox **Seat:** Cordoba, Ibiza

Skoda: Fabia, Roomster

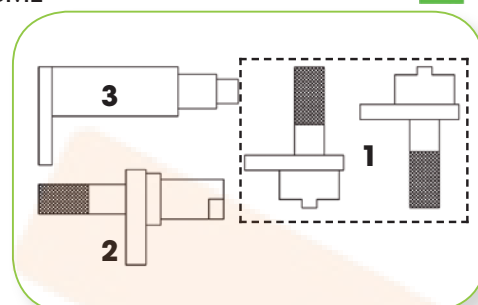
Seat: Cordoba, Ibiza

Engine: 1.2 3 CIL. 6V e 12V

Engine code: AWY, BMD, AZQ, BME

CODE	
FG 192/VW4	

CODE	DESCRIPTION	
1: FG 192/VW4-1	Camshaft alignment tool (2 pcs)	
2: FG 192/VW4-2	Camshaft alignment tool	
3: FG 192/VW4-3	Flywheel locking tool	



Timing tool set VAG 1.4 FSI & 1.6 FSI

Models:

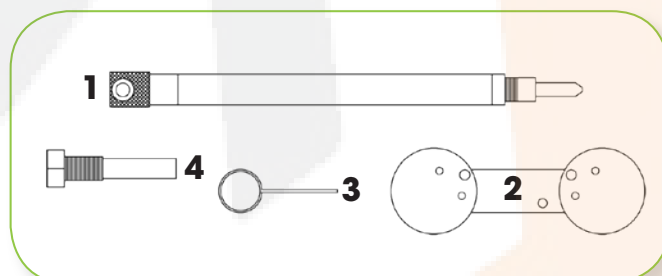
A3, Polo, Golf, Golf Plus, Touran, Eos, Jetta, Passat, Octavia II

Engine: 1.4 FSI & 1.6 FSI

Engine code: AUX, BAG, BKG, BLF, BLN, BLP

CODE	
FG 192/VW3	

CODE	DESCRIPTION	
1: FG 192/PM	Dial gauge holder	
2: FG 192/VW3-2	Camshaft alignment tool	
3: FG 192/VW3-3	Tensioner locking tool	
4: FG 192/VW3-4	Crankshaft timing pin	



Set fasatura motori VAG VAG 1.2/1.4 TSi e TFSi

Modelli:

A3, A3 Sportback, A3 Saloon, A3 Cabrio, A3 Sedan, A1, A1 Sportback, Q3 Leon, Leon ST, Ibiza

Fabia III, Fabia III Estate, Octavia III

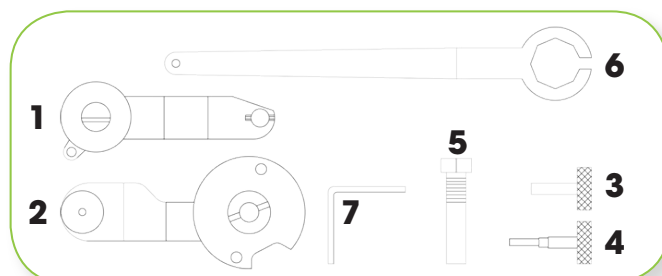
Polo, Jetta, Golf VII, Golf VII Estate, Golf VII Wagon, Passat, Golf SV

Cilindrata: 1,2TSI, 1,2TFSI, 1,4TSI, 1,4TFSI, 1,4 TSI ACT, 1,4GTE, 1,4 GTE Hybrid, 1,4TGI BlueMotion, 1,4g-tron, 1,4e-tron, 1,4TFSI COD

CODE motore: CJZA, CJZB, CJZC, CJZD, CYVD, CYVA, CYVB, CZCA, CXSA, CXSB, CPWA, CHPB, CUKB, CZDA, CPTA, CZE

CODE	
FG 192/VW4C	

CODE	DESCRIPTION	
1: FG 192/VW4C-1	Camshaft timing tool	
2: FG 192/VW4C-2	Camshaft timing tool	
3: FG 192/VW4C-3	Camshaft timing tool locking pin	
4: FG 192/VW4C-4	Camshaft timing check pin	
5: FG 192/VW3-4	Crankshaft locking tool	
6: FG 192/VW4C-6	Tensioner pulley holding tool	
7: FG 192/VW7-4	Auxiliary drive belt tensioner locking pin	



Timing tool set VAG 1.8 e 1.8T

Models: AUDI: A3; S3; TT ;A6 - VW: Golf; Passat
SEAT: Ibiza; Cordoba ; Leon; Toledo; Alhambra Octavia

Engine: 1.8, 1.8 T benzina

Engine code: ADR, AEB, AFY, AGN, AGU, AJH, AJL, AJP, AJQ, AMK, AMU, ANB, APG, APH, APP, APT, APU, APX, APY, AQA, AQX, AGR, ARX, ARY, ARZ, ATC, ATW, AUM, AUQ, AVC, AWC, AWP, AWU, AWV, AYP, BAM, BEA, BFV, BKF, BNU, BVP, BVR



CODE	
FG 192/VW5	



Timing tool set VAG 1.8/2.0 TFSi 4V (CHAIN)

Models:

VW: Tiguan; CC; Golf VI; Passat; Beetle/Maggiolino; Eos; Scirocco.

AUDI: A4; A4 quattro; A5 Coupe/Cabriolet; A5 Sportback; Q5; TT

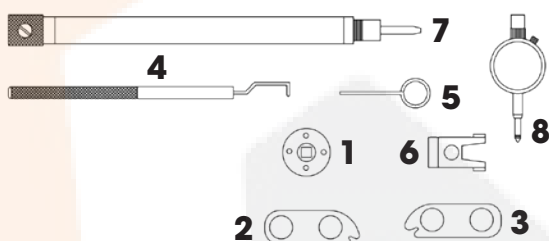
SKODA: Octavia II; Superb; Yeti

Engine: 1.8 TFSi; 2.0 TFSi

Engine code:

CCZA; CCZB; CCZC; CCZD; CDAA; CDAB; CDHB; CDNC; CFKA; CDNB; CETA; CJEB; CESA; CDHA

CODE	
FG 192/VW8	



CODE	DESCRIPTION
1: FG 192/VW8-1	Camshaft Control Valve Removal Tool
2: FG 192/VW8-2	Camshaft Clamp (Exhaust)
3: FG 192/VW8-3	Camshaft Clamp (Inlet)
4: FG 192/VW8-4	Oil Pump Tensioner Locking Pin
5: FG 192/VW8-5	Tensioner Locking Pin 1.4mm
6: FG 192/VW8-6	Timing Chain Tensioner
7: FG 192/PM	Dial gauge holder
8: FG 192/CO	DTI Gauge

Crankshaft assembling tool for VAG 1.8/2.0 TFSi 4V (CHAIN)

CODE	
FG 192/VW8C	

Crankshaft seal installer tool VAG 1.8/2.0 TFSi 4V

CODE	
FG 192/VW8D	

NEW

Crankshaft holding tool for VAG 1.8/2.0 TFSi 4V (CHAIN)

CODE	
FG 192/VW8B	

Timing tool set VW / AUDI 2.0 FSI & TFSI

Models:

AUDI: A3, A4, TT, A4 Cabrio, S3

VOLKSWAGEN: Golf VI, Touran, Passat, Eos, Jetta, Golf Plus, Scirocco, Golf V

Engine: 2.0, 2.0 FSI, 2.0 TFSI

Engine code: AXW, BHD, BMB, AWA, AXX, BPY, BWA, BUL, BPJ, BGB, BWE, BLR, BLX, BLY, BVY, BWT, BPG, CDLA, CDLB, CDLC, CDMA, AXW, CDLF

CODE	
FG 192/VW7C	





Timing tool set AUDI 2.5 TFSI / RS PLUS

Models:

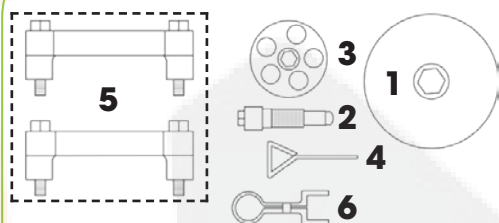
RS Q3; Q3; TT

Engine: 2.5 TFSI / RS PLUS

Engine code: CZGA; CZGB; CEPA; CEPB; CTSA



CODE	
FG 192/VW7D	



CODE	DESCRIPTION	
1: FG 192/VW7D-1	Camshaft adjuster holding tool	
2: FG 192/VW7D-2	Crankshaft alignment pin	
3: FG 192/VW7D-3	Crankshaft pulley bolt adaptor	
4: FG 192/VW7-5	Timing chain tensioner locking pin (3 pcs)	
5: FG 192/VW7D-5	Camshaft locking tool (2 pcs)	
6: FG 192/VW7D-6	Timing chain tensioner locking pin (2 pcs)	



Timing tool set VW 1.2, 1.4, 1.6, 1.9, 2.0D TDI PD

Models:

Volkswagen: Bora, Golf, Golf Estate, Golf Plus, Passat, Lupo, Polo, Sharan, Beetle, Touran, Transporter, Jetta, Caddy, Caddy Maxi, Eos

Audi: A2, A3, A4, A4 Cabrio, A4 Quattro, A6

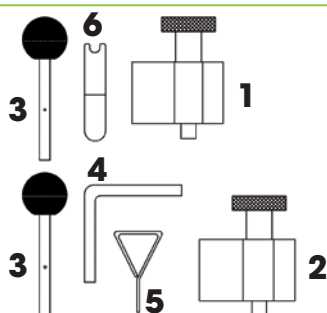
Seat: Arosa, Cordoba, Ibiza, Alhambra, Leon, Toledo, Altea, Altea XI

Skoda: Fabia, Octavia, Octavia Tour, Octavia II, Superb, Roomster

Engine: 1.2D TDI PD, 1.4D TDI PD, 1.6D TDI PD, 1.9D TDI PD, 2.0D TDI PD

Engine code: AJM, AMF, ANU, ANY, ARL, ASZ, ATD, ATJ, ATL, AUY, AVB, AVF, AVQ, AWX, AXB, AXC, AXR, AYZ, AZV, BAY, BDJ, BDK, BGW, BHC, BHW, BJB, BKC, BKD, BKE, BKP, BKQ, BLB, BLS, BLT, BMA, BMM, BMN, BMP, BMR, BMS, BMT, BNA, BNM, BNV, BPW, BPX, BRA, BRB, BRC, BRE, BRF, BRM, BRT, BRU, BSS, BSV, BSU, BSW, BTB, BUK, BUY, BUZ, BVA, BVE, BVF, BVG, BVH, BVK, BWV, BXE, BXF

CODE	
FG 192/VW7	



CODE	DESCRIPTION	
1: FG 192/VW14-2	Crankshaft sprocket locking tool - round version	
2: FG 192/VW7-2	Crankshaft sprocket locking tool - oval version	
3: FG 192/VW7-3	Camshaft/high-pressure fuel pump locking tool (2 pcs)	
4: FG 192/VW7-4	Auxiliary drive belt tensioner locking pin	
5: FG 192/VW7-5	Chain tensioner locking pin	
6: FG 192/FO24-15	Two-pin wrench	





Timing tool set for new VAG 1.4, 1.6, 2.0 TDi CR

Models:

Volkswagen: Golf VII, Golf VII Estate, Golf VII Wagon, Polo

Audi: A3 Cabrio, A3 Saloon, A3/A3 Sportback, A4, A4 allroad, A4 quattro, A5 Coupe/Cabriolet, A5 Sportback, A6, Q5, TT

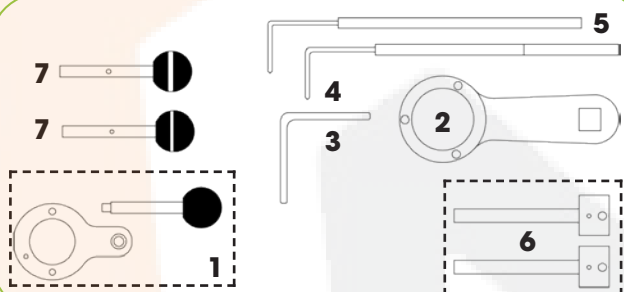
Seat: Leon, Leon ST

Skoda: Octavia III

Engine: 1.4TDI CR, 1.6TDI CR, 1.6TDI CR GreenLine/BlueMotion/Ecomotive, 2.0TDI CR / RSTDI / TDI CR Ultra

Engine code: CKFB, CKFC, CLHA, CLHB, CNHA, CNHC, CRBC, CRBD, CRFA, CRFC, CRKA, CRKB, CRLB, CRLC, CRMB, CRVA, CRVC, CSUA, CSUB, CUNA, CUPA, CUTA, CUSA, CUSB

CODE	
FG 192/VW10B	



CODE	DESCRIPTION
1: FG 192/VW10B-1	Crankshaft sprocket locking tool
2: FG 192/VW10-7	High-pressure fuel pump sprocket holding tool
3: FG 192/VW7-4	Auxiliary drive belt tensioner locking pin
4: FG 192/VW10-6	Tensioner pulley adjusting tool
5: FG 192/VW10-5	Tensioner pulley locking tool
6: FG 192/VW10B-6	High-pressure fuel pump locking tool
7: FG 192/FO24-14	Camshaft locking tool

Timing tool set VAG & FORD

Models:

Volkswagen: Transporter, Caddy, Golf, Golf Estate, Passat, Polo, Polo Classic, Polo Estate, Sharan, Vento, Bora, Beetle, Lupo

Audi: 80, 90, 100, A6, A3, A4, A8, Allroad

Seat: Cordoba, Ibiza, Toledo, Alhambra, Inca, Arosa

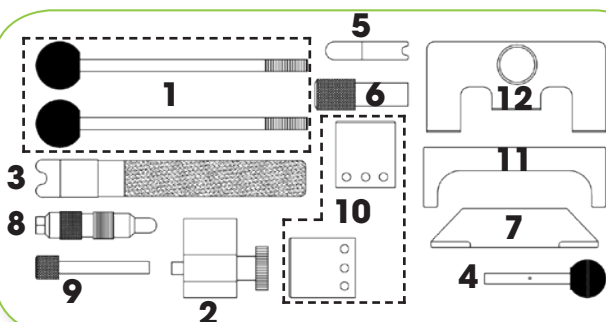
Skoda: Felicia, Van, Pick, Up, Octavia, Octavia Tour, Fabia

Ford: Galaxy

Engine: 1.2D TDI PD, 1.4D TDI PD, 1.6, 1.6D, 1.6D TURBO, 1.7D SDI, 1.8, 1.8 TURBO, 1.9D, 1.9D TURBO, 1.9D TDI, 1.9D TDI PD, 2.0, 2.4D, 2.5D TDI, 2.5D SDI, 3.7, 4.2

Engine code: 1X, 1Y, 1Z, AAB, AAT, AAZ, ABL, ABZ, ACE, ACV, ADP, ADR, AEB, AEF, AEL, AEY, AEW, AFB, AFF, AFN, AGD, AGP, AGR, AGX, AHB, AHC, AHD, AHF, AHH, AHL, AHU, AJA, AJM, AKE, AKN, AKU, AKW, ALE, ALH, ALT, AMF, ANU, ANY, AQM, ARL, ASV, ASX, ASZ, ATD, ATJ, AUJ, AVB, AVF, AVG, AVJ, AWX, AXR, AYM, AYZ, BAY, CY, JK, RA, SB

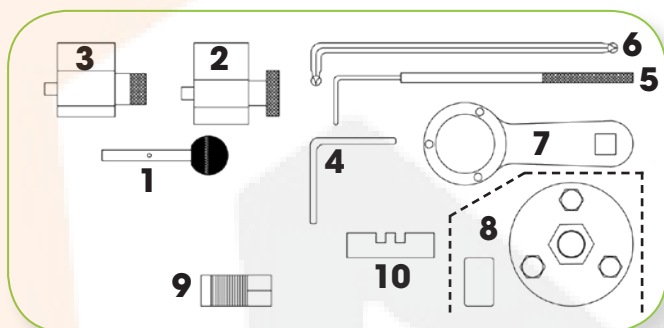
CODE	
FG 192/VW14	



CODE	DESCRIPTION
1: FG 192/VW14-1	Support guides
2: FG 192/VW14-2	Crankshaft sprocket locking tool
3: FG 192/VW14-3	Two-pin wrench
4: FG 192/FO24-14	Camshaft/high-pressure fuel pump locking tool
5: FG 192/FO24-15	Tensioner locking tool
6: FG 192/VW14-6	Injection pump sprocket locking pin
7: FG 192/VW14-7	Camshaft setting bar
8: FG 192/VW14-8	Crankshaft locking tool
9: FG 192/VW14-9	Locking pin
10: FG 192/VW14-10	Camshaft aligning tool
11: FG 192/FO24-13	Camshaft setting bar
12: FG 192/VW14-12	Camshaft setting bar



CODE	
FG 192/VW10	



Timing tool set VW, AUDI, SEAT, SKODA 1.6, 2.0 TDI CR

Models:

VW: Beetle/Maggiolino; Golf V; Golf VI Cabri; Golf VI Estate; Golf Plus; Passat; Polo; Jetta; Touran; Caddy/Caddy Maxi AUDI: Q5; A1; A3; A3 Cabrio; A4; A4 allroad; A4 quattro; A5 Coupe/Cabriolet; A5 Sportback; A6

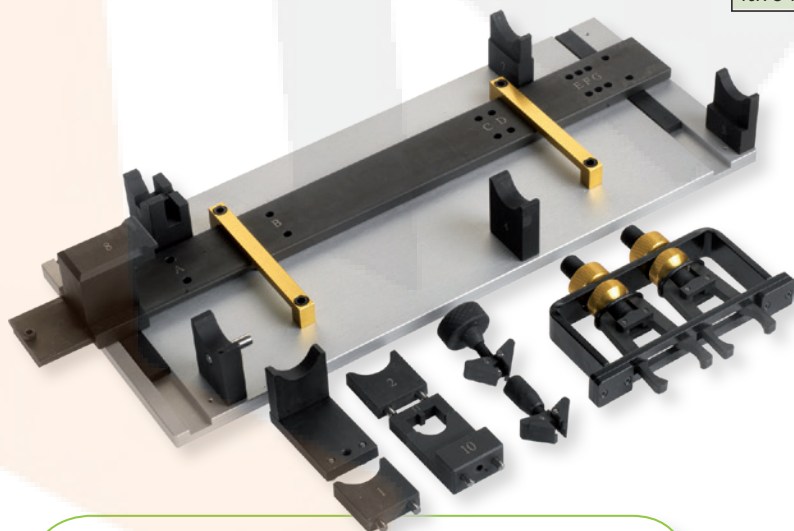
SEAT: Ibiza; Leon; Altea / Altea XL; Toledo; Exeo

SKODA: Fabia II; Octavia II; Rapid; Praktik; Yeti; Roomster; Superb II

Engines: 1.6, 2.0 TDI CR (diesel with chain)

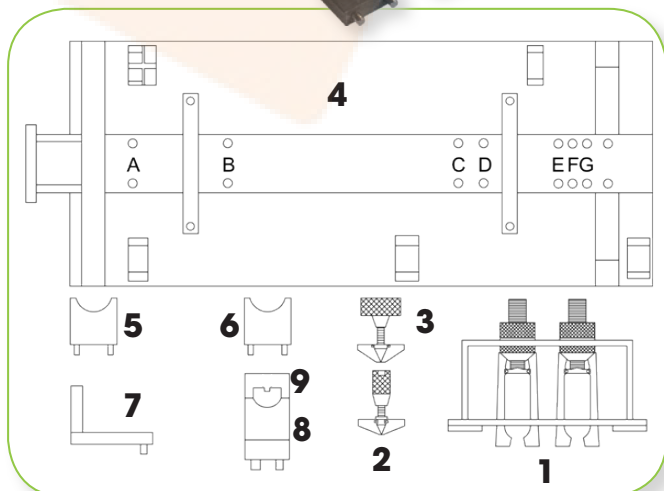
Engine code: CAYB; CAYC; CAYA; CAGA; CAGB; CAGC; CAHA; CAHB; CFHC; CBAA; CBAB; CFFB; CGLA; CGLB; CAAA; CAAB; CAAC; CBAB; CBAC; CBBA; CBBB; CBDA; CBDDB; CBDC; CFJA; CFWA; CJCA; CJCB; CJAA; CCHA; CEGA

CODE	DESCRIPTION
1: FG 192/FO24-14	Injection pump/balancer shaft locking pin
2: FG 192/VW10-2	Crankshaft sprocket locking tool
3: FG 192/VW10-3	Crankshaft sprocket locking tool
4: FG 192/VW7-4	Auxiliary drive belt tensioner locking pin (3.9 mm)
5: FG 192/VW10-5	Tensioner pulley locking tool
6: FG 192/VW10-6	Tensioner pulley adjusting tool
7: FG 192/VW10-7	Camshaft sprocket hub holding tool
8: FG 192/VW10-8	Camshaft sprocket hub puller
9: FG 192/VW10-9	Camshaft sprocket hub puller
10: FG 192/VW10-10	Balancer shaft locking tool



Camshaft/Head Rebuild set for VAG engines (Timing gears in cylinder head) for VW, AUDI, SEAT, SKODA 1.6, 2.0 TDI CR

CODE	
FG 192/VW11	



CODE	DESCRIPTION
1: FG 192/VW11-1	Camshaft locking pin
2: FG 192/VW11-2	Two-piece exhaust camshaft gear alignment tool
3: FG 192/VW11-3	Two-piece exhaust camshaft gear alignment tool
4: FG 192/VW11-4	Base plate of camshaft fitting tool
5: FG 192/VW11-5	Support for camshaft alignment tool
6: FG 192/VW11-6	Support for camshaft alignment tool
7: FG 192/VW11-7	Support for camshaft alignment tool
8: FG 192/VW11-8	Support for camshaft alignment tool
9: FG 192/VW11-9	Support for camshaft alignment tool



Timing tool set VOLKSWAGEN 2.4, 2.5 TDI



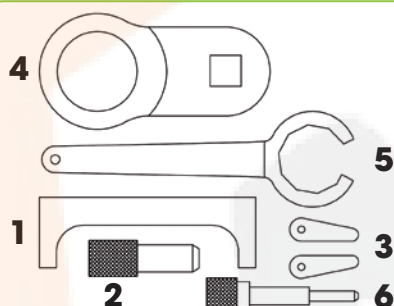
Models:

LT; Crafter; Transporter T4

Engine: 2.4, 2.5 Tdi

Engine codes: ANJ; BJJ; BJK; BJL; BJM; AAB; AJA

CODE	
FG 192/VW7B	



CODE	DESCRIPTION	
1: FG 192/FO24-13	Camshaft setting bar	
2: FG 192/FO24-12	Injection pump sprocket locking pin (Ø15.4 mm)	
3: FG 192/FO24-8	Shims	
4: FG 192/VW7B-4	Crankshaft pulley holding tool	
5: FG 192/VW7B-5	Tensioner pulley spanner	
6: FG 192/VW7B-6	Crankshaft timing pin	



Timing tool set VAG 2.5 TDi V6



Models:

Volkswagen: Passat

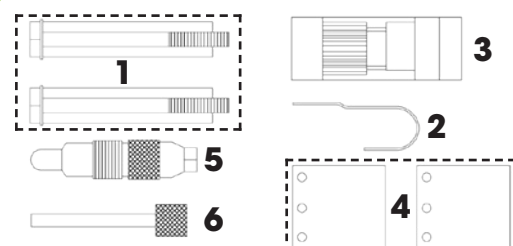
Audi: A4; A4 quattro; A6; A6 quattro; A8; Allroad; A4 Cabrio

Skoda: Superb

Engine: 2.5 Tdi

Engine codes: AFB; BAU; AKE; AKN; BDG; BDH; AFB; BAU; AKE; AKN; AYM; BCZ; BDG; BDH; BFC; AYM; BDG

CODE	
FG 192/VW9	



CODE	DESCRIPTION	
1: FG 192/VW9-1	Support guides (2 pcs)	
2: FG 192/VW9-2	Tensioner locking pin	
3: FG 192/VW9-3	Tensioner wrench	
4: FG 192/VW9-4	Camshaft alignment tool (2 pcs)	
5: FG 192/VW9-5	Crankshaft locking tool	
6: FG 192/VW14-9	Injection pump locking pin	





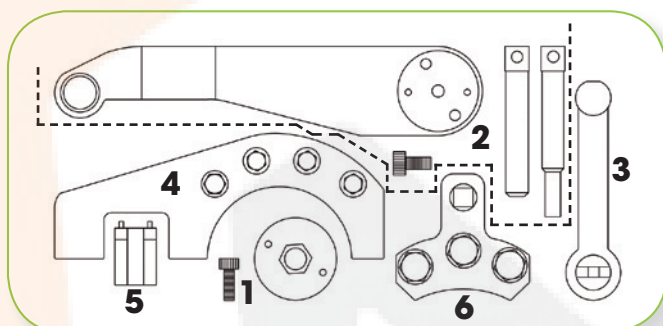
Timing tool set VOLKSWAGEN 2.5 TDI PD



Models:
Transporter, Touareg

Engine: 2.5 TDI PD
Engine codes: AXD; AXE; BAC; BLJ;
BLK; BNZ; BPC; BPD; BPE

CODE	
FG 192/VW6	



CÓDIGO	DESCRIPTION	
1: FG 192/VW6-1	Crankshaft alignment tool	
2: FG 192/VW6-2	Crankshaft locking tool	
3: FG 192/VW6-3	Camshaft alignment tool	
4: FG 192/VW6-4	Camshaft gear locking tool	
5: FG 192/VW6-5	Camshaft compensation gear pre-tensioning tool	
6: FG 192/VW6-6	Camshaft gear holding / turning tool	



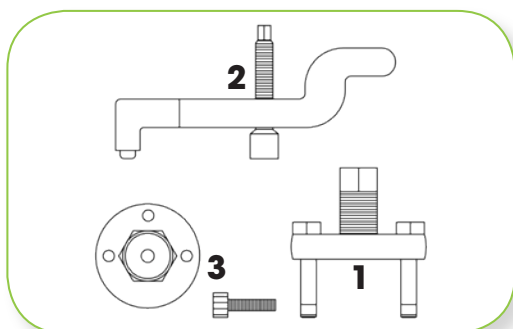
Water pump removal set for VOLKSWAGEN 2.5 TDI PD



Models:
Transporter, Transporter T5, Touareg

Engine: 2,5 TDI PD
Engine codes: AXD, AXE, BAC, BLJ, BLK, BNZ, BPC, BPD

CODE	
FG 192/VW6B	



CÓDIGO	DESCRIPTION	
1: FG 192/VW6B-1	Gear Puller (For removing gear from coolant pump)	
2: FG 192/VW6B-2	Water pump puller	
3: FG 192/VW6B-3	Crankshaft alignment tool	

Crankshaft pulley holding tool suitable for VOLVO DIESEL



Models:

C30, C70, S40, V50, C30 D5, C70 D5, S60, V70, XC70 Turbo

Engine: 2.0 D, 2.3 D, 2.4D, 2.5D, 2.8D, 2.9D

Engine codes: D5244T9, D5244T8, D5244T7, D5244T6, D5244T5, D5244T4, D5244T3, D5244T2, D5244T19, D5244T18, D5244T17, D5244T16, D5244T15, D5244T13, D5244T11, D5244T10, D5244T, D5204T7, B6304S3, B6294T, B6294S2, B6294S, B5254T7, B5254T8, B5254T3, B5254T2, B5254T11, B5254T10, B5244T7, B5244SG2, B5244SG, B5244S7, B5244S5, B5234T9, B5234T8, B5234T7, B5234T3, B5204T5, B5204T4, B5204T3

CODE

FG 192/VO1



Timing tool set VW/AUDI 2.7D, 3.0D TDi V6, 4.0D, 4.2D TDi V8

Models:

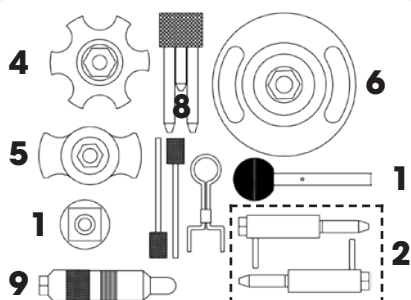
AUDI: A4, A4 Cabrio, A6, A6 allroad, A5 Coupe/Cabriolet, A5 Sportback, A8, Q7, Q5, A5 Coupe/Cabriolet

Engines: 2.7TDI, 2.7TDI CR, 3.0TDI, 3.0TDI CR, 4.0TDI CR, 4.2TDI CR

Engine code: BPP, BSG, CAMA, CAMB, CANA, CANB, CANC, CAND, CGKA, CGKB, ASB, BKN, BMK, BMZ, BNG, BUG, CAPA: CASA, CASB, CCLA, CCMA, CCWA, CCWB, CDTA, CDTB, CDUC, CDYA, CDYB, CDYC, CJGA, CJGC, CKVB, CKVC, CLAA, CLAB, CLZB, ASE, BVN, CDSB, CCFA, BTR CLAA, CLAB, CLZB, ASE, BVN, CDSB, CCFA, BTR

CODE

FG 192/VW12



CODE	DESCRIPTION
1: FG 192/VW12-1	Crankshaft turning tool (TYPE 1)
2: FG 192/VW12-2	Camshaft locking pin (2 pcs)
3: FG 192/VW12-3	Chain tensioner piston locking pin (Ø3.3mm) - (2pcs)
4: FG 192/VW12-4	Camshaft holding/alignment tool
5: FG 192/VW12-5	Camshaft sprocket holding tool
6: FG 192/VW12-6	Crankshaft turning tool (TYPE 2)
7: FG 192/VW12-7	Timing chain tensioner locking pin (3 pcs)
8: FG 192/VW12-8	High-pressure fuel pump sprocket locking tool
9: FG 192/VW14-8	Crankshaft locking tool
10: FG 192/FO24-14	Balancer shaft/high-pressure fuel pump locking tool





High pressure pump sprocket removers for Hyundai/Kia

Model:

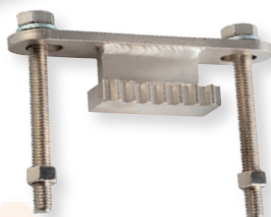
Hyundai: Matrix; Accent/Excel; Getz; i10; Elantra; i30; i20; ix35; ix20; i40; i20 Coupe; Tucson

Kia: Cerato; Rio; Picanto; Cee'd; Pro-Cee'd; Soul; Venga; Sportage; Carens; Optima

Engine: 1.1 CRDi; 1.4 CRDi; 1.5 CRDi; 1.6 CRDi; 1.7 CRDi

Engine code: D3FF; D3FA; D4FC; D4FA; D4FB-H (U2); D4FB-L (U2); D4FB-H (U1); D4FB

CODE	
FG 192/HI7	



Flywheel locking tool for Hyundai / Kia

CODE	
FG 192/HI7B	



High pressure pump sprocket remover for Hyundai/Kia

Model:

Hyundai: Tucson, ix35, Grand Santa Fe, Santa Fe

Kia: Sorento, Sedona, Carnival, Sportage

Engine: 2.0 CRDi, 2.2 CRDi

Codici motore: D4HA; D4HA-H; D4HA-L; D4HB

CODE	
FG 192/HI1	



Flywheel locking tool for Hyundai / Kia

HYUNDAI: Accent; Elantra; Genesis Coupe; Grand Santa Fe; H1/H300; i10; i20; i30; i40; i800; ix20; ix35; Santa Fe; Sonata; Sonica; Tucson; Tiburon

KIA: Venga; Sportage; Sorento; Soul; Rio; Pro-Cee'd; Picanto; Optima; Carens

Engine: 1.0; 1.2; 1.25; 1.4; 1.6; 2.0; 2.2; 2.4; 2.7

Codici motore: G3LA; B3LA; G3LC; G4LA; G4; G4LA; G4LC; G4FA; G4FA-L; G4FC; G4FC-GL; G4FDG4FJ; G4KD; G4KF; G4NC; G4NA; G4ND; G4NE; DAHA-H; D4HA-L; D4HA; D4HB; G4KE; G4KJ; G6BA

NEW

CODE	
FG 192/HI2	



CODE	
FG 192/HO5	

Timing tools for Honda 1.6-3.0-SOHC/DOHC

Modelli: Civic; Accord; Prulde; Shuttle; Odyssey

Cilindrata: 1.6, 1.8, 2.0, 2.2; 2.3; 3.0

Engine code:

1.6: B16A2

1.8: F18A3, F18B2, F18B4

2.0: F20AF, F20B3, F20B5, F20B6, F20B7, F20Z1, F22Z2, F22B5, F22B8, F22A2, H22A5, H22A7, H22A8

2.3: F23A7, F23Z5, H23A2, H23A3

3.0: J30A1



CODE	
FG 192/DW2	

Water pump wrenches 41mm for Chevrolet, Daewoo

Model:

Chevrolet: Aveo, Cruze, Kalos, Lacetti, Nubira, Tacuma/Rezzo,

Daewoo: Kalos, Lacetti, Lanos, Nexia/Cielo/Racer, Nubira, Tacuma/Rezzo

Engine: 1.4, 1.5, 1.6, 1.8

Engine code: F14D3, F16D3, A16DMS, G15MF, A15MF, F14S3, A15DM, A15SMS, A16DM, F18N



Belt tensioner tools for Hyundai, Mitsubishi e Proton

Model:

Hyundai: Lantra/Elantra; Sonata; Santa Fe; Trajet

Mitsubishi: 3000 GT; Colt; Lancer; Carisma; Space Star; Pajero Pinin; Galant; Space runner; Grandis; Triton

Proton: Persona; 418; Satria; Wira; M21 Coupe

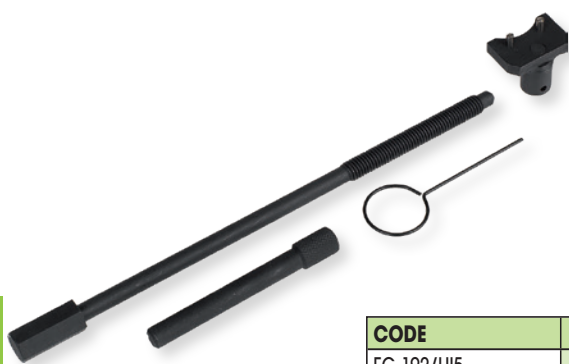
Engine: 1.6, 1.8, 2.0, 2.4, 3.0, 3.5

Engine code:

1.6: 4G61, G4-R - **1.8:** 4G67, 4G93, 4G93P, G4-N

2.0: 4G63, 4G94, G4CP, G4JP, G4-P - **2.4:** 4G64, 4G69, G4JS

3.0: 6G72 - **3.5:** 6G74



CODE	
FG 192/HI5	



Timing tools for Toyota, Lexus



Model:

Toyota: 4-Runner, Auris, Avensis, Camry, Celica, Corolla, Corolla Verso/CombiVan, Dyna, Hiace, Hilux, Landcruiser, Landcruiser/Prado, MR2, Picnic/SportVan, Previa, Prius, RAV4, Starlet, Tarago, Verso, Verso/Sportsvan, Vienta, Yaris

Lexus: GS, IS, LS, LX, RX, SC

Engine:

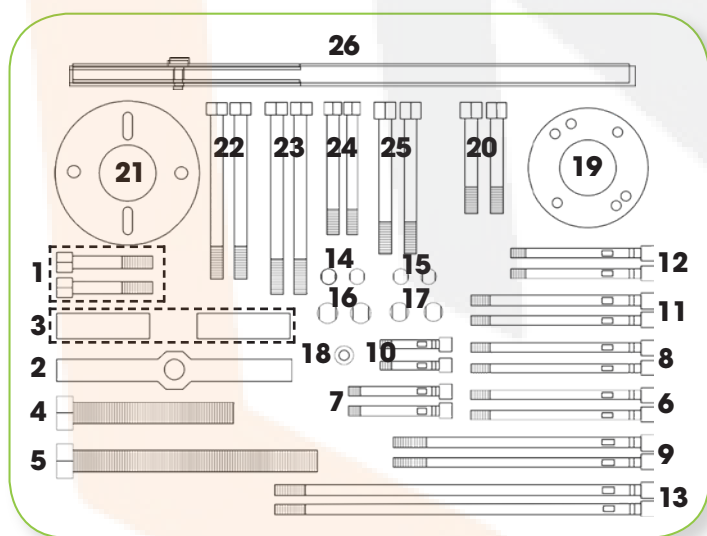
1.0, 1.3, 1.4, 1.6, 2.0, 2.2, 2.4, 2.5, 2.7, 2.8, 3.0, 3.4, 3.5, 4.7

Engine code:

1SZ-FE, 2SZ-FE, 4G15, 4G93, 2ZR-FAE, 1ZZ-FE, 2AD-FHV, 2AD-FTV, 1AD-FTV, 1CD-FTV, 1MZ-FE, 4E-FE, 2L, 3ZZ-FE, 4ZZ-FE, 3L, 2TR-FE, 2KD-FTV, 2L-T, 1GR-FE, 5VZ-FE, 5L, 2ZR-FE

CODE	
FG 192/TY45	

CODE	DESCRIPTION
1: FG 192/TY45-1	M8x55 screws for FG 192/TY45-21 (2 pcs)
2: FG 192/TY45-2	Crankshaft pulley puller
3: FG 192/TY45-3	Arm for FG 192/TY45-2 (2 pcs)
4: FG 192/TY45-4	L:100 mm central screw for FG 192/TY45-2
5: FG 192/TY45-5	L:150 mm central screw for FG 192/TY45-2
6: FG 192/TY45-6	M5x100 leg (2 pcs)
7: FG 192/TY45-7	M8x50 leg (2 pcs)
8: FG 192/TY45-8	M8x100 leg (2 pcs)
9: FG 192/TY45-9	M8x150 leg (2 pcs)
10: FG 192/TY45-10	M6x30 leg (2 pcs)
11: FG 192/TY45-11	M6x100 leg (2 pcs)
12: FG 192/TY45-12	M8x75 leg (2 pcs)
13: FG 192/TY45-13	M8x225 leg (2 pcs)
14: FG 192/TY45-14	M10x1.25 adaptors (2 pcs)
15: FG 192/TY45-15	M10x1.5 adaptors (2 pcs)
16: FG 192/TY45-16	M12x1.25 adaptors (2 pcs)
17: FG 192/TY45-17	M12x1.5 adaptors (2 pcs)
18: FG 192/TY45-18	Adaptor
19: FG 192/TY45-19	Crankshaft pulley puller
20: FG 192/TY45-20	M8x65 screws for FG 192/TY45-19 puller (2 pcs)
21: FG 192/TY45-21	Crankshaft pulley puller
22: FG 192/TY45-22	M8x106 screws for FG 192/TY45-21 puller (2 pcs)
23: FG 192/TY45-23	M8x116 screws for FG 192/TY45-21 puller (2 pcs)
24: FG 192/TY45-24	M6x80 screws for FG 192/TY45-21 puller (2 pcs)
25: FG 192/TY45-25	M8x88 screws for FG 192/TY45-21 puller (2 pcs)
26: FG 192/TY45-26	Universal handle



Camshaft pulley and Crankshaft pulley holder for Toyota and Lexus



Model:

Lexus: GS, LS, LX, RX

Toyota: Auris, Avensis, Corolla, Aygo, Celica, Corolla Verso/CombiVan

Engine:

1.0; 1.3; 1.4; 1.6; 2.0; 2.2; 2.4; 2.5; 2.7; 2.8; 3.0; 3.4; 3.5; 4.7

Engine code:

1UZ-FE; 1MZ-FE; 3MZ-FE; 3UZ-FE; 4ZZ-FE; 1CD-FTV; 1ZZ-FE; 3ZZ-FE; 2ZZ-GE; 2KD-FTV; 2KD-FTV H; 2KD-FTV L; 1KD-FTV; 2UZ-FE; 2SZ-FE

CODE	
FG 192/TY15	





Dial gauge

CODE	Range	Resolution	
FG 192/CO	0-8mm	0.01mm	



Pulley puller wrench

CODE	
FG 184/CP	

14 mm

400mm

Removing/installing tool for stretch belts

CODE	
FG 192/CE	

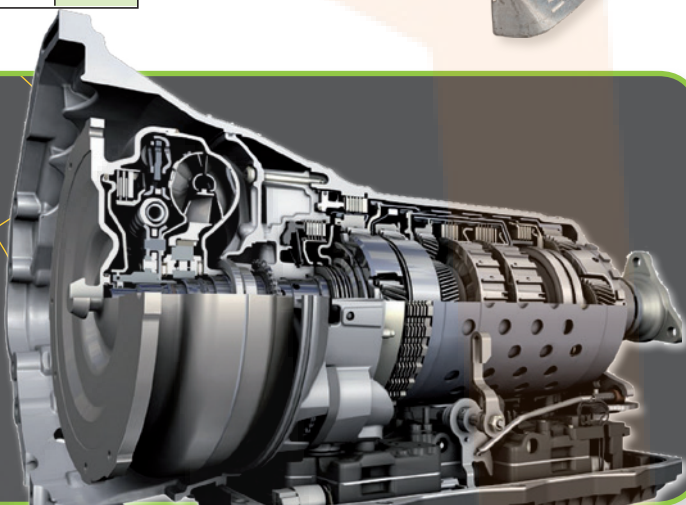


Dial gauge holder

CODE	M	L1/mm	L/mm	
FG 192/PM	14x1.25	43	230	



SPECIAL FITTINGS FOR AUTOMATIC TRANSMISSION OIL



- BMW, Volvo, Audi,
Mercedes-Benz, Renault,
SAAB, Ford

Application:
09D; 0C8; AF33-5; AF40;
AISIN TR60-SN; O9E;
AW55-50SN; TR-60SN;
722.9; ZF6HP

CODE	
FG 193/R1	

- BMW, Volvo, Audi,
Mercedes-Benz, Renault,
SAAB, Ford

Application:
09D; 0C8; AF33-5; AF40;
AISIN TR60-SN; O9E;
AW55-50SN; TR-60SN;
722.9; ZF6HP

CODE	
FG 193/R2	

- AUDI, VW, Jeep

Application:
ZF5HP; OB5;
O9L; OAW;
A500; O1V

CODE	
FG 193/R3	

- Audi, Porsche, Opel,
Subaru, Mazda, Citroen,
Renault, Alfa, Lancia

Application:
AW55-50SN;
AF40; TF-81SC;
ZF5HP; 6L80;
6L90; TF-80SC;
AF21; TF-80SD

CODE	
FG 193/R4	

- Jeep, Mitsubishi,
GM, Suzuki, Toyota

Application:
ZF

CODE	
FG 193/R5	

- Audi, Volkswagen,
Porsche, Lexus,
Mitsubishi

Application:
O9G; TF-60SN;
O9M; ZF5HP;
TF-63SN

CODE	
FG 193/R6	



- Jeep, Fiat, Chrysler, Mercedes-Benz, Subaru
Application:
 4L60E; 4L65E;
 41TE; 41AE; 62TE;
 WFC280; 5EAT

CODE	
FG 193/R7	



- Jaguar, Mercedes-Benz, Ssangyong
Application:
 722.6; 722.3;
 722.4; 722.7

CODE	
FG 193/R9	



- Audi, Mercedes-Benz, Mitsubishi
Application:
 R4A51; V4A51;
 V5A51; 42RE;
 44RE; 45RFE;
 5-45RFE; 722.6;
 722.9

CODE	
FG 193/R8	



- Jaguar, Mercedes-Benz, Mitsubishi, Ssangyong
Application:
 722.6; 722.3;
 722.4; 722.7

CODE	
FG 193/R10	



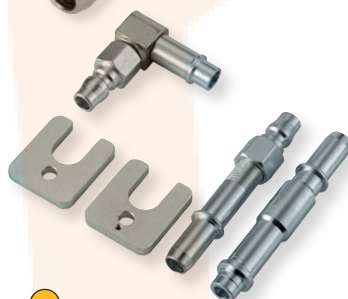
- Jaguar, Ford, Mazda
Application:
 5R55E; 5R55S;
 5R55N; 5R55W

CODE	
FG 193/R11	



- VW, Audi, Mitsubishi
Application:
 O9E; O9L;
 ZF6HP

CODE	
FG 193/R13	



- Volvo XC60, V60
Application:
 AISIN con valvola
 termostatica

CODE	
FG 193/R12	



- Volvo
Application:
 42RE; 44RE; 45RFE;
 A500; 5-45RFE

CODE	
FG 193/R13B	

- Ford, Jeep, Dodge
Application:
 ZF9HP (9SP)

CODE	
FG 193/R14	

- Hyundai, Toyota, Kia, Mitsubishi, Isuzu
Application:
 A340; A340E; A340H; A341E; A343F;
 AW 30-40LE; AW30-40LS; A5HF1;
 F5A51; F5AH1; F4A42 /B; TZ10

CODE	
FG 193/R15	



- Mercedes-Benz e Renault DCT
Application:
 K7A240; K7A350;
 K7X350; 7DCT300

CODE	
FG 193/R16	

- Jeep
Application:
 45RFE; 5-45RFE

CODE	
FG 193/R17	



- Jeep, FIAT, Alfa Romeo, Opel, Citroen
Application:
 AF33-5; 09G; 09M;
 TF-80SC (AF40);
 TF-80SD (AF40)

CODE	
FG 193/R18	



Fiat, PSA, Renault
Application:
 AL4; DP0

CODE	
FG 193/R19	



- Audi, VW, Seat, Skoda DSG
Application:
 DQ250 (02E);
 DQ500 (0BH)

CODE	
FG 193/R20	

- Renault, Mitsubishi, Nissan
Application:
 JF613E; RE0F06A

CODE	
FG 193/R21	





- Mitsubishi

Application:
R4A51;
R5A51

CODE	
FG 193/R22	



- GM

Application:
42RE; 44RE; 45RFE;
A500; 5-45RFE

CODE	
FG 193/R23	



- Jeep, Dodge, Opel

Application:
42RE; 44RE; 45RFE;
A500; 5-45RFE

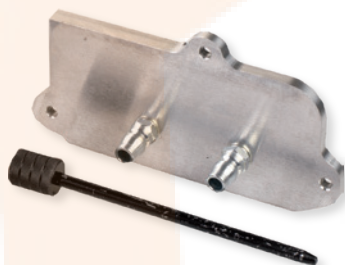
CODE	
FG 193/R24	



- Ford, Renault, Peugeot, Volvo

Application:
6DCT250;
6DCT450/WD;
6DCT451; DD

CODE	
FG 193/R25	



- Fiat, JEEP, Land-Rover

Application:
ZF09HP

CODE	
FG 193/R26	



- Fiat, JEEP, Land-Rover

Application:
OB5; OAW; O8HP

CODE	
FG 193/R28	



- AUDI

Application:
ZF5HP; OB5; O9L;
OAW; A500; O1V

CODE	
FG 193/R29	



- Toyota, Suzuki, Mazda

Application:
K410-411

CODE	
FG 193/R27	



- Jeep Grand Cherokee,

Alfa Stelvio

Application:
8HP70

CODE	
FG 193/R30	



- BMW, MINI, Volvo

Application:
AWF8F45
(TG-81LS)

CODE	
FG 193/R32	



- Audi, BMW, Jaguar, Land-Rover,

Alfa Romeo, Jeep, Iveco

Application:
ZF8HP45; ZF8HP50;
ZF8HP55; ZF8HP55AF;
ZF8HP65A; ZF8HP70;
ZF8HP90; ZF8HP75H

CODE	
FG 193/R31	



- GM

Application:
42RE; 44RE; 45RFE;
A500; 5-45RFE

CODE	
FG 193/R33	





Set piastre universali

CODE	
FG 193/R34	



- CITROEN, PEUGEOT

Application:
TF-71; TF-81

CODE	
FG 193/R36	



Set 3 prolunghe universali (Ø 10, 13, 15mm)

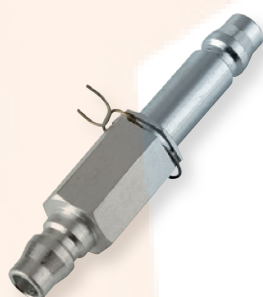
CODE	
FG 193/R35	



- Fiat, GM, Ford, Jeep, Chrysler, Saab, Mercedes

Application:
722.9 7G Tronic

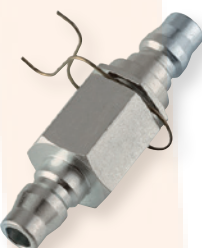
CODE	
FG 193/R37	



- Bmw, Jaguar

Application:
ZF 6HP

CODE	
FG 193/R38	



- Mercedes CLK-C, AMG

Application:
722.6 6 Marce

CODE	
FG 193/R39	



- PSA, VW, Fiat Ducato

Application:
ZF 4HP20

CODE	
FG 193/R40	



- Bmw

Application:
TG-81

CODE	
FG 193/R41	



Kit of 19 standard special fittings

CODE	
FG 193/S19	



Kit of 10 optional special fittings

CODE	
FG 193/S10	



Content:

- FG 193/R1
- FG 193/R2
- FG 193/R3
- FG 193/R4
- FG 193/R6
- FG 193/R7
- FG 193/R8
- FG 193/R9
- FG 193/R10
- FG 193/R11
- FG 193/R13
- FG 193/R14
- FG 193/R15
- FG 193/R18
- FG 193/R20
- FG 193/R24
- FG 193/R31
- FG 193/R34
- FG 193/R35

Content:

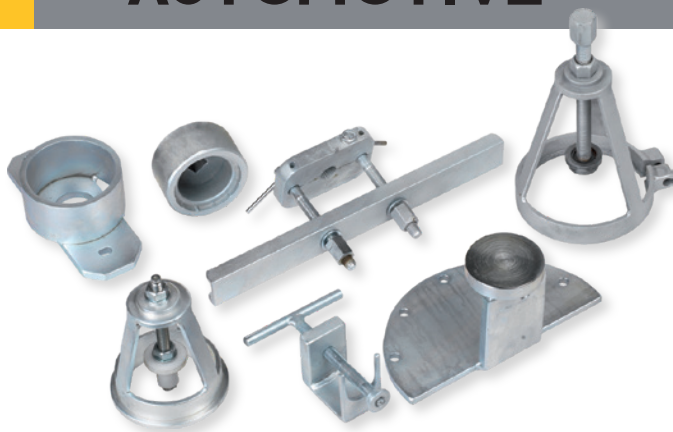
- FG 193/R16
- FG 193/R17
- FG 193/R19
- FG 193/R21
- FG 193/R22
- FG 193/R25
- FG 193/R26
- FG 193/R27
- FG 193/R28
- FG 193/R32



Mounting/Dismounting tools for automatic transmissions 0AW MULTITRONIC

CODE

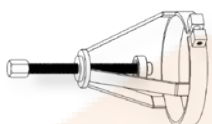
FG 193/AT1



Secondary shaft pulley puller

CODE

FG 193/AT1-1



Mounting tool for sprocket-wheel axle

CODE

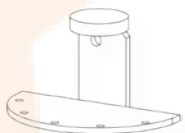
FG 193/AT1-2



Puller for sprocket-wheel axle

CODE

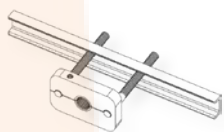
FG 193/AT1-3



Clutch shaft puller

CODE

FG 193/AT1-4



Socket wrench for secondary bolt

CODE

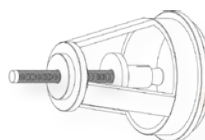
FG 193/AT1-5



Mounting tool for double seal

CODE

FG 193/AT1-6



Sensor puller

CODE

FG 193/AT1-7



Shaft holder for automatic transmission 0AW MULTITRONIC

CODE

FG 193/AT1-8



Mounting/Dismounting tools for automatic transmissions 722.6

CODE

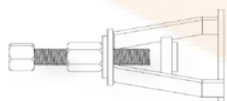
FG 193/AT2



Bearing's extractor from water's pump stator

CODE

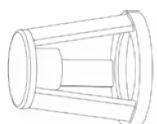
FG 193/AT2-1



Mounting tool for stator's water pump bearing

CODE

FG 193/AT2-2



Piston's spring extractor for B1 Clutch group

CODE

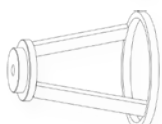
FG 193/AT2-3



Piston's spring extractor for B2&K3 group

CODE

FG 193/AT2-4



Piston's extractor for K2 group

CODE

FG 193/AT2-5



Piston's extractor for K1 group

CODE

FG 193/AT2-6



Mounting tool for water pump bush

CODE

FG 193/AT2-7



FG 193/AT2-8

Planetary shaft holder for automatic transmission 722.6

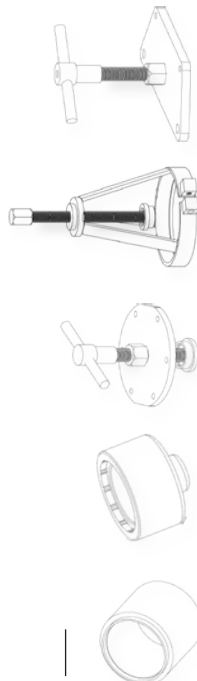
CODE

FG 193/AT2-9



Mounting/Dismounting tools for automatic transmissions 722.8

CODE	
FG 193/AT3	



Primary shaft pulley puller

CODE	
FG 193/AT3-1	

Secondary shaft pulley puller

CODE	
FG 193/AT3-2	

Secondary shaft pulley puller

CODE	
FG 193/AT3-3	

Socket wrench for secondary shaft nut

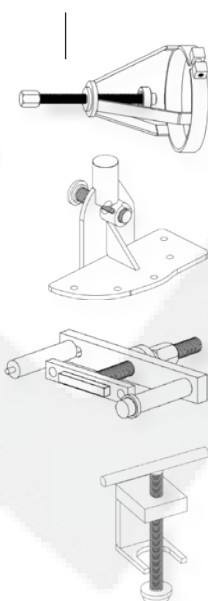
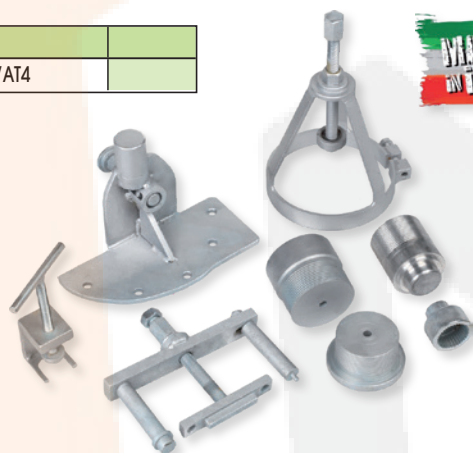
CODE	
FG 193/AT3-4	

Holder for secondary shaft bearing

CODE	
FG 193/AT3-5	

Mounting/Dismounting tools for automatic transmissions 01J MULTITRONIC

CODE	
FG 193/AT4	



Secondary shaft pulley puller

CODE	
FG 193/AT4-1	

Secondary shaft sprocket-wheel pulley puller

CODE	
FG 193/AT4-2	

Joint puller

CODE	
FG 193/AT4-3	

Primary shaft sensor pulley puller

CODE	
FG 193/AT4-4	

Chiave a bussola per dado albero secondario

CODE	
FG 193/AT4-5	

Socket wrench for secondary shaft nut

CODE	
FG 193/AT4-6	

Seal bush

CODE	
FG 193/AT4-7	

Seal bush for secondary shaft sprocket-wheel

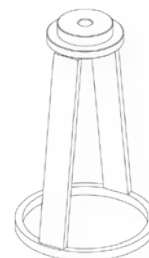
CODE	
FG 193/AT4-8	

Kit of spring compressor for automatic transmissions

CODE	
FG 193/UN	

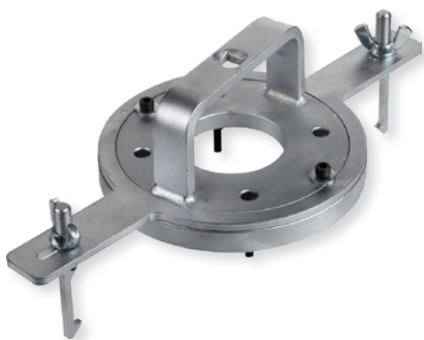


CODE	SIZE	
FG 193/UN-1	100x169H	
FG 193/UN-2	62x161H	
FG 193/UN-3	70x323H	
FG 193/UN-4	80x168H	
FG 193/UN-5	105x123H	
FG 193/UN-6	105x161H	
FG 193/UN-7	113x168H	
FG 193/UN-8	111x201H	
FG 193/UN-9	111x122H	
FG 193/UN-10	98x123H	
FG 193/UN-11	90x161H	



CODE	
FG 193/UN-12	





**Mounting and
dismounting tool for
DCT clutch group**

CODE	
FG 193/DCT	

**Tool holder for
DSG clutch group**

CODE	
FG 194/TS	



**Oil dipstick for
automatic transmission**

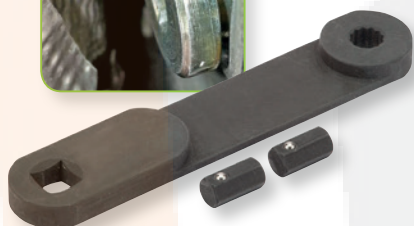
CODE	APPLICATION	
FG 193/DS1	Mercedes 722.6	
FG 193/DS2	Mercedes 722.7, 722.8, 716.S	



**ATF fill plug wrench
Jaguar/Land Rover**

CODE	
FG 193/ATJ	

NEW



**Oil drain set for
Mercedes 9G Tronic**

CODE	
FG 193/MB	

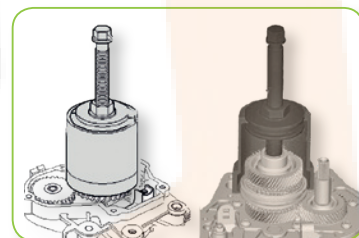
NEW



**Bearings puller set for automatic
transmission gear box - VAG group**

CODE	
FG 193/S4	

NEW



**Set of 9 tools for removing,
installing and adjusting
7-gear DSG clutches**

CODE	
FG 193DSG/S9	



**Set of 6 tools for removing,
installing VW 7gear
DSG clutches**

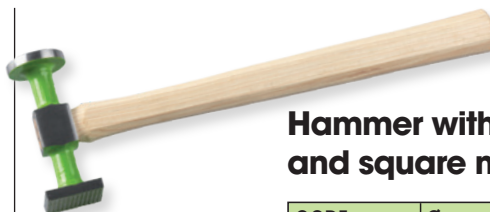
CODE	
FG 193DSG/S6	





Hammer with round face and pein

CODE	mm	
FG 130/TP	40	



Hammer with round flat and square milled faces

CODE	Ø mm	□/mm	
FG 130/TZQ	40	38mm	



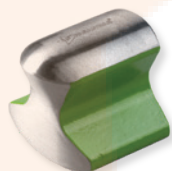
Hammer with round and square faces

CODE	Ø mm	□/mm	
FG 130/TQ	40	38mm	



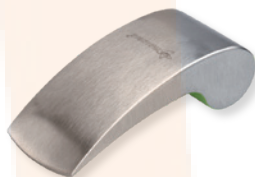
Hammer with round flat face and point pein

CODE	Ø mm	
FG 130/TPP	40	



Universal dolly

CODE	MISURE	
FG 131/TR	70x62x64mm	



Curved dolly

CODE	MISURE	
FG 131/TV	59x130x40mm	



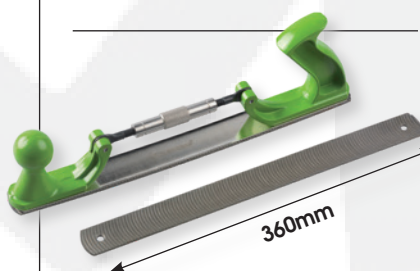
Heel dolly

CODE	MISURE	
FG 131/TB	30x78x60mm	



Toe dolly

CODE	MISURE	
FG 131/TC	30x120x58mm	



Blade holder with radial flat blade

CODE	LIMA	
FG 131/PL9	9"	
FG 131/PL12	12"	

Flat radial blade

CODE	LIMA	
FG 131/PL9R	9"	
FG 131/PL12R	12"	

Blade holder

CODE	
FG 131/PL	



Curved angle spoon - light model

CODE	L/mm	
FG 131/SC	290	



Double ended spoon

CODE	L/mm	
FG 131/SCP	420	



Flat angle spoon - light model

CODE	L/mm	
FG 131/SCZ	260	



Long double ended spoon

CODE	L/mm	
FG 131/SCG	520	





Set 10 tools for car body repair shops

CODE	
FG 130/S10	



FG 131/TR



FG 131/TB



FG 131/TC



FG 131/TV



FG 131/SC



FG 131/SCZ



FG 130/TQ



FG 130/TPP



FG 136/30



FG 131/PL12



Set 11 nylon tools for car body repair shops

CODE	
FG 186/S11	

NEW

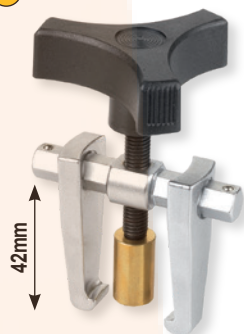
Plastic prying/Smoothing tools kit

CODE	
FG 186/S3	

NEW

Plastic O-ring removal tool kit

CODE	
FG 186/S3B	

NEW

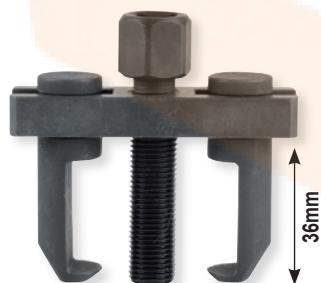
Windshield wiper arm remover

CODE	Ø/mm	
FG 165/BC1	30-50	



Trim pin removal pliers

CODE	
FG 186/LP	



Windshield wiper arm remover

CODE	Ø/mm	
FG 165/BC2	30 - 57	



Set of 5pcs Nylon trim pin removers

CODE	
FG 186P/S5	



Angle screwdriver

CODE	
FG 186/AS	

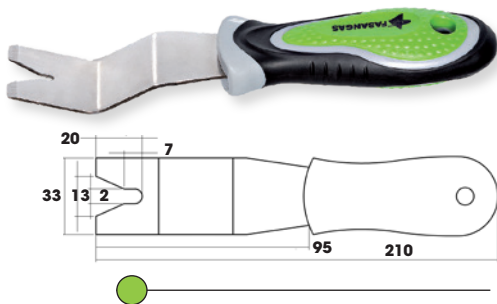
Set of 5 trim pin removers, stainless steel blade

CODE	
FG 186/S5	



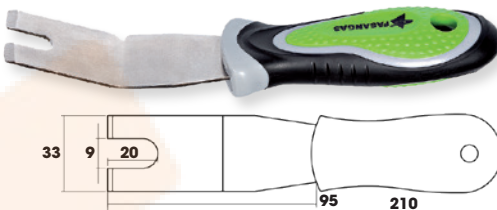
Trim pin remover

CODE	
FG 186/A1	



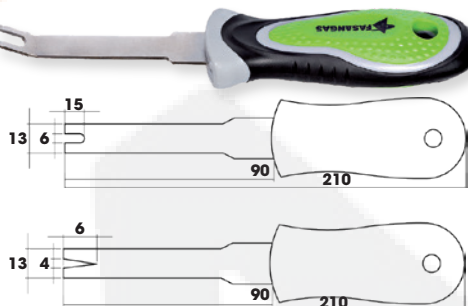
Trim pin remove

CODE	
FG 186/A2	



Trim pin remove

CODE	
FG 186/A3	
FG 186/A4	



Trim pin remove

CODE	
FG 186/A5	



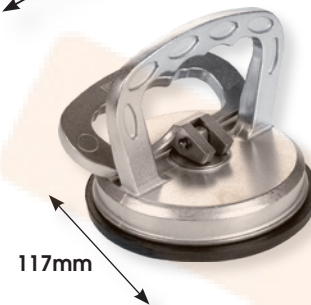
Suction cups - capacity 30Kg

CODE	
FG 187/K30	



Suction cup - capacity 25Kg

CODE	
FG 187/K25	



Suction cup

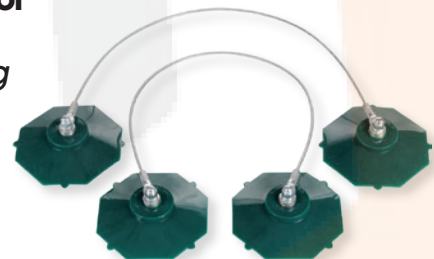
- Capacity: 130Kg
- Useful for truck and bus
- Supplied in ABS box

CODE	
FG 187/K130	



Suction cups for car glasses - capacity 10Kg

CODE	
FG 187/K10	



Vacuum dent puller, with 3 suction cups

CODE	
FG 187/TB	



Vacuum dent puller, with 3 suction cups

CODE	
FG 187/PN	



PNEUMATIC

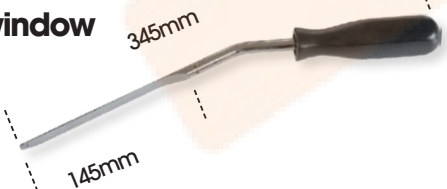
Set of 7 tools for car glasses

CODE	
FG 187/S7	



Lever for car window

CODE	
FG 187/GU	



Set of 2pcs wire handles

CODE	
FG 187/IM	



Stainless steel wire

CODE	Lenght	
FG 187/W50	50 Metri	



24mm



Engine crankshaft rotator DAF

Engine codes:

65CF, 75CF, 85CF, 95XF,
CF75, CF85, F65, F75, F85,
F95, XF95F95, XF95

CODE	
FG 197/DA1	

1/2"



Engine crankshaft rotator DAF

Engine: XF105 Euro5

CODE	
FG 197/DA2	

1/2"



Engine crankshaft rotator MAN

Engine codes:

D20..., D25..., D26..., D28...

CODE	
FG 197/MA1	

1/2"

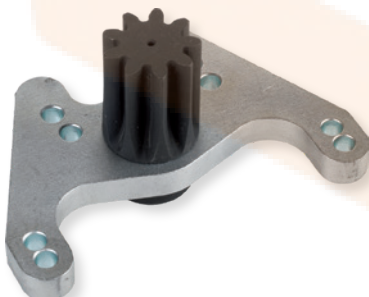


Engine crankshaft rotator SCANIA

Engine codes:

SCANIA (dopo il 1996)

CODE	
FG 197/SC1	



Engine crankshaft rotator VOLVO

Engine codes:

D9A, D12, D16C

CODE	
FG 197/VO1	

1/2"
46mm

Engine crankshaft rotator VOLVO and RENAULT

Models:

HGV Volvo, RENAULT

Engine codes:

MP8, MP10 (FH, D13A520)

CODE	
FG 197/VO2	

Engine crankshaft rotator IVECO

- double gear

Engine: 8040.25.45,
8060.25.45, 8260, 8210.42,
8280, 8460, 190.38, 190.42

CODE	
FG 197/IV1	



Engine crankshaft rotator IVECO

- double gear

Engine: 8360.46, F3A, F3B

CODE	
FG 197/IV2	



Engine crankshaft rotator Mercedes Benz and MAN

- double gear

Models: Merceder-Benz 6,8,10 Cil.
MAN 12 cilindri

Engine codes:

401, 404, 407, 409, 421, 424, 444, 427, 447

CODE	
FG 197/MB1	

1/2"



Engine crankshaft rotator Mercedes Benz and MAN

- triple gear

Models:

Merceder-Benz Actros e Atego;
MAN 5, 6, 8 cilindri

CODE	
FG 197/MB2	

1/2"



Set utensili per centraggio frizioni

Coni di centraggio:

- Ø 36-45mm
- Ø 42-52mm

CODE	
FG 180/S6	



Chiave per filtri essiccatori

CODE	
FG 197/F1	
FG 197/F2	

- FG 197/F1: Ø 120-140mm
- FG 197/F2: - Ø 125-145mm



Octagonal impact socket for locking hub nuts

CODE	Ø mm	Drive	
FG 194/A80	80	41mm	
FG 194/A95	95	3/4"	
FG 194/A100	100	3/4"	
FG 194/A109	109	41mm	
FG 194/A115	115	3/4"	
FG 194/A120	120	41mm	



Impact socket for BPW locking hub nuts

CODE	Ø mm	Drive	
FG 194/B96	96	3/4"	
FG 194/B111	111	41mm	



Impact socket for BPW locking hub nuts

CODE	Ø mm	Drive	
FG 195/A110	110	36mm	



Impact socket for BPW locking hub nuts

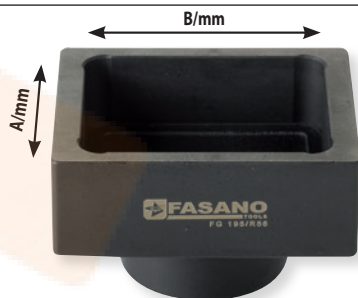
CODE	Ø mm	Drive	
FG 195/A95	95	36mm	
FG 195/A98	98	36mm	



Impact socket for rectangular nuts

CODE	AxB mm	
FG 195/R56	56 x 71	
FG 195/R60	60 x 76	

MERCEDES, DAF, MAN



Ball joint puller

CODE	
FG 197/BP	



Impact socket for BPW locking hub nuts

CODE	Ø mm	Drive	
FG 194/A85	85	3/4"	
FG 194/A105	105	1"	



Impact socket for BPW locking hub nuts

CODE	Ø mm	Drive	
FG 194/B65	65	3/4"	
FG 194/B80	80	3/4"	



Impact socket for leaf spring

CODE	Ø mm	Drive	
FG 196/A37	37x28	3/4"	
FG 196/A46	46x34	3/4"	
FG 196/A56	56x34	3/4"	



Impact socket for leaf spring - VOLVO

CODE	Ø mm	
FG 196/AV	27mm	

