

TIMING TOOLS



The program of TIMING TOOLS has been developed with high accuracy and using official information coming from a worldwide leader about Technical database: **AUTODATA**

INSTRUCTIONS

In each User Manual there s the correspondece 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 webiste **www.fasanotools.com** it s possible to use a fast research tool only writing the most important datas of veichule.

IN COLLABORATION WITH:

Autodata

It's what we know

Autodata isn't responsible for a wrong use of thecnical informations provided with FASANO Tools products

CODE	DESCRIPTION
FG 192/BW4-1	Camshaft alignment tool
FG 192/BW4-2	Crankshaft pulley timing tool
FG 192/BW4-3	Pinewheel/drive plate timing pin
FG 192/BW4-3	High-pressure fuel pump sprocket removal tool



AUTOMOTIVE SPECIAL TOOLS



Puller for injection pump pulley - BMW

Motor codes: M41, M51

CODE	
FG 192/BW1	



Puller for injection pump pulley - BMW

Motor codes: M47, M47TU, M57, M57TU

CODE	
FG 192/BW2	



Timing tool set for BMW 2.0 N47, N47S, 57 - chain



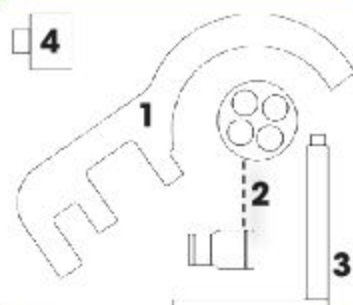
Models:

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: 2.0D

Motor codes: D20A; D20B

CODE	
FG 192/BW4	



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



Crankshaft holding tool for N47/N47S/N57 BMW engines



Models:

116d; 118d; 120d; 123d; 120d/XDrive; 125d; 316d; 318d; 320d; 320d/XDrive; 520d; 525d/XDrive; X1 sDrive18d; X1 sDrive20d; X1 sDrive20d EfficientDynamics; X1 XDrive18d; X1 XDrive20d; X1 XDrive23d; X3 (E83); X3 XDrive 20d; X3 XDrive18d; X3 XDrive20d; 325d; 330d; 525d; 530d; 535d/XDrive; 535d/XDrive GT; 640d/XDrive; 730d; 740d/XDrive; X3 XDrive30d; XDrive30d; X3 XDrive35d; X5 XDrive 30d; X5 XDrive 40d; X6 XDrive30d; X6 XDrive40d

Engines: 2.0 D; 3.0 D

Motor codes: N47 D20A/K0; N47 D20A; N47S D20B/D/T0; N47 D20C/K1

CODE	
FG 192/BW3	

SPECIAL AUTOMOTIVE TOOLS



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)

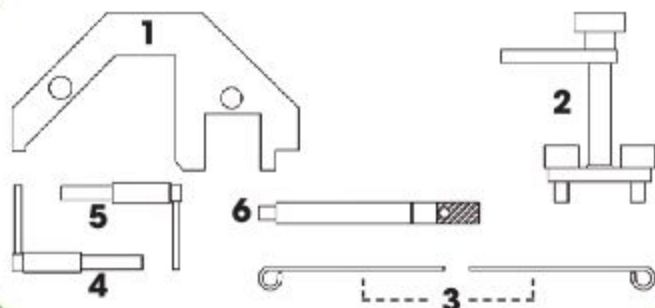
VAUXHALL/OPEL: Omega-B (01-03)

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



Timing tool set for BMW N40, N45



Models:

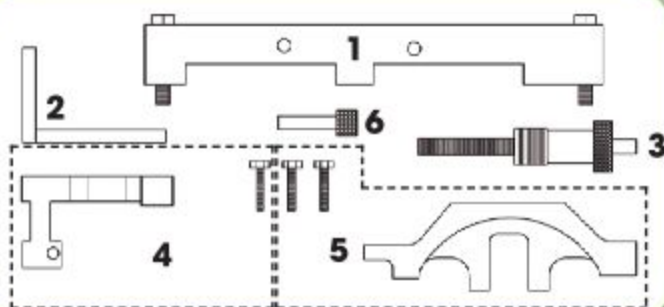
N40: (E46) 316i/316ti/316Ci

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

Engine: 1.6

Engine code: N40 B16A; N45TB16AC, N45B16A

CODE	
FG 192/BW6	



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

SPECIAL AUTOMOTIVE TOOLS



Timing tool set for BMW N42, N46, N46T

Models:

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

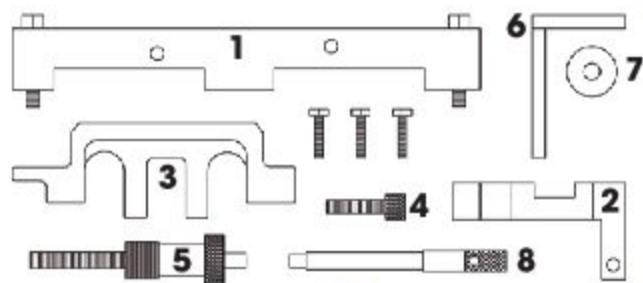
N46: (E87) 118i / 120i; (E90/E91) 318i/320i; Z4 (E85)

Engine: 1.8, 2.0

Engine code: N42 B18A; N42 B20A

N46 B18; N46 B20; N46 B20B

CODE	
FG 192/BW8	



CODE	DESCRIPTION
FG 192/BW8-1	Sensor gear alignment tool
FG 192/BW8-2	Inlet camshaft alignment tool
FG 192/BW8-3	Exhaust camshaft alignment tool
FG 192/BW8-4	Camshaft alignment tool
FG 192/BW6-3	Timing chain pre-tensioning tool
FG 192/BW6-2	Flywheel timing pin 2
FG 192/BW8-7	Flywheel timing pin 1
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)

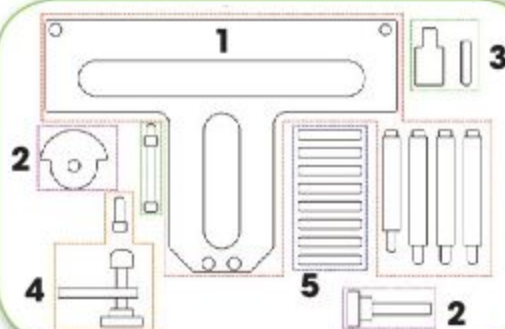
Engine: 1.8, 2.0

Engine code: N42 B18A; N42 B20A

N46 B18; N46 B20; N46 B20B

Updating set for per FG 192/BW8

CODE	
FG 192/BW18	



CODICE	DESCRIZIONE
FG 192/BW18-1	Camshaft/Carrier Bracket Mounting Fixture
FG 192/BW18-2	Inlet Camshaft Securing Tool (Front)
FG 192/BW18-3	Torsion Spring Remover/Installer
FG 192/BW18-4	Inlet Camshaft Securing Tool (Rear)
FG 192/BW18-5	Intermediate Lever Clamp Set (8)

SPECIAL AUTOMOTIVE TOOLS



Timing tool set for BMW N62/N73



Models:

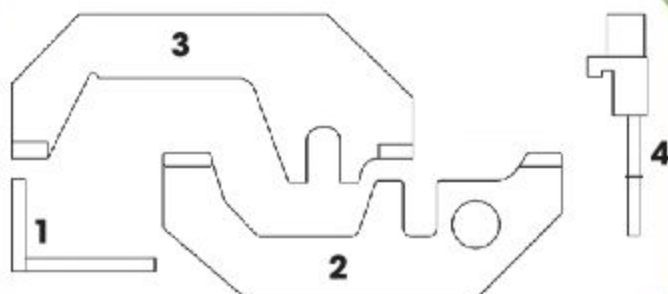
N62: 540i, 545i, 550i (E60/61); 645i, 650i (E63864), 735i, 740i, 745i 750i (E65/66), X5 (E53/E70)

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	
FG 192/BW7-1	Crankshaft pulley alignment tool	
FG 192/BW7-2	Inlet camshaft alignment tool	
FG 192/BW7-3	Exhaust camshaft alignment tool	
FG 192/BW7-4	Camshaft locking tool	



Timing tool set for BMW N43 1.6 & 2.0



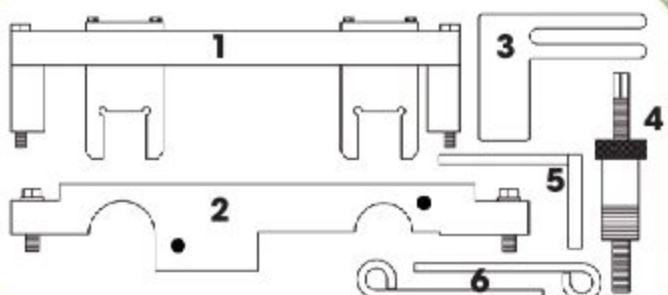
Models:

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

SPECIAL AUTOMOTIVE TOOLS



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



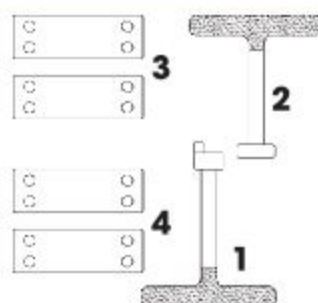
Models:

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; 671.06;
672.04; 676.01; 341.03; 672.04; 372.03

CODE	
FG 192/AF4	



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



SPECIAL AUTOMOTIVE TOOLS

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	

SPECIAL AUTOMOTIVE TOOLS



Timing tool set for FIAT 1.6 16V



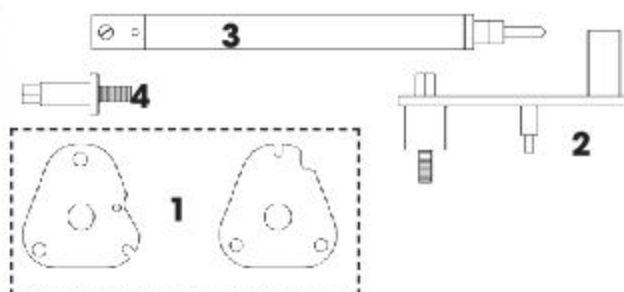
Models:

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



Timing tool set for FIAT 1.2/1.4 16V



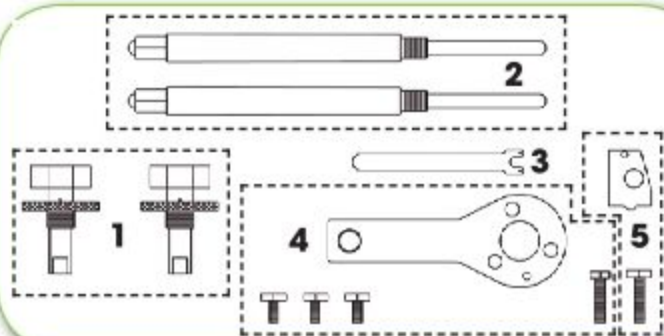
Models:

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/FT58	



CODE	DESCRIPTION	
FG 192/FT58-1	Camshaft locking tools (2 pcs)	
FG 192/FT58-2	Piston position tools (2 pcs)	
FG 192/FT58-3	Tensioning tool	
FG 192/FT58-4	Crankshaft locking tool	
FG 192/FT58-5	Camshaft sprocket locking tool	

SPECIAL AUTOMOTIVE TOOLS



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



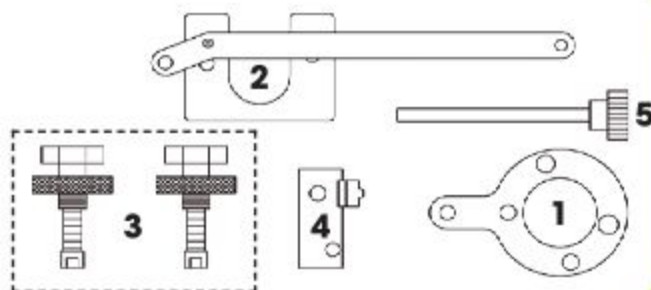
Models:

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



Timing tool set FIAT 1.9 JTD 16V



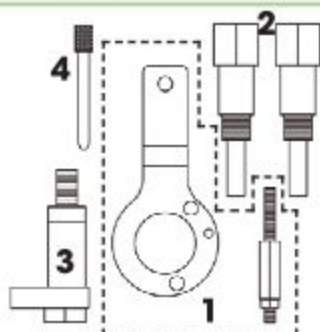
Models:

ALFA: 147, 156, 159, GT. FIAT: Bravo, Croma

Engine: 1.9 JTD 16V, 1.9 JTDM 16V

Engine code: 192A5.000; 937A5.000; 192B1.000;
939A2.000

CODE	
FG 192/FT68	



CODE	DESCRIPTION	
FG 192/FT68-1	Crankshaft timing tool	
FG 192/FT68-2	Camshaft locking tool (2 pcs)	
FG 192/FT68-3	Flywheel locking tool	
FG 192/FT68-4	Pin	

SPECIAL AUTOMOTIVE TOOLS

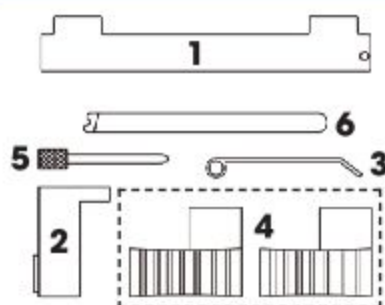


Timing tool set FIAT, ALFA ROMEO, CHEVROLET, OPEL 1.6, 1.8



Models: **FIAT:** Croma; **ALFA ROMEO:** 159;
CHEVROLET: Aveo; Cruze
OPEL: Corsa; Astra, Meriva, Zafira, Vectra, Signum, Insignia
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
FG 192/FT7-1	Camshafts timing tool
FG 192/FT7-2	Flywheel locking tool
FG 192/FT7-3	Tensioner pulley locking pin
FG 192/FT7-4	Camshaft sprockets locking tool (2 pcs)
FG 192/FT7-5	Auxiliary drive belt tensioner locking tool
FG 192/FT7-6	Flywheel locking tool



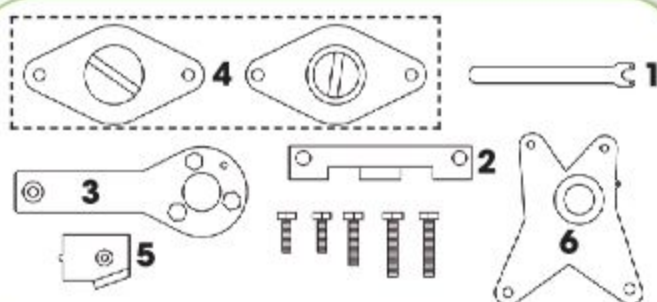
Timing tool set FIAT 1.2 8V, 1.4 8V



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

Engine: 1.2 8V / 1.4 16V
Engine code: 169A4.000 - 199A4.000 - 350A1.000

CODE	
FG 192/FT12	



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



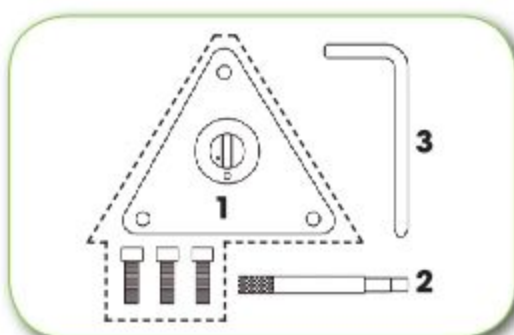
Timing tool set FIAT TWINAIR

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

Engine: 900 Twinair Turbo

Engine code: 312A2.000

CODE	
FG 192/FT6C	



CODE	DESCRIPTION	
FG 192/FT6C-1	Camshaft locking tool	
FG 192/FT6C-2	Crankshaft pulley locking tool	
FG 192/FT6C-3	Plywheel/drive plate locking tool	



Timing tool set MULTIAIR

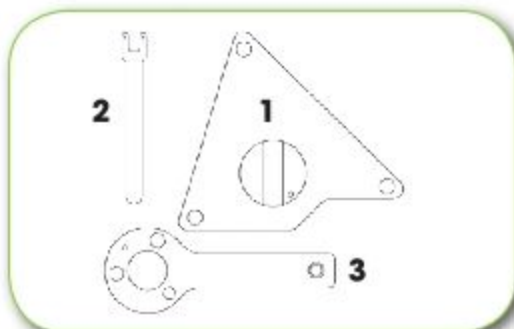
Models:

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	



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



SPECIAL AUTOMOTIVE TOOLS



Timing tool set FIAT TWINAIR e MULTIAIR



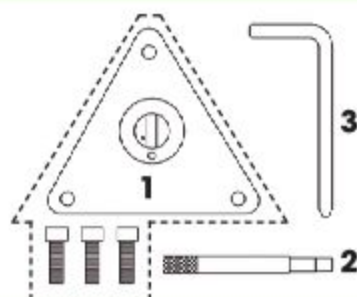
Models: 500/500C (07-); Panda (2012), Punto EVO, Punto EVO Abarth, Bravo, 500, Alfa MITO, Giulietta

Engine: 900 Twinair Turbo, 1.4 Multiair 16V

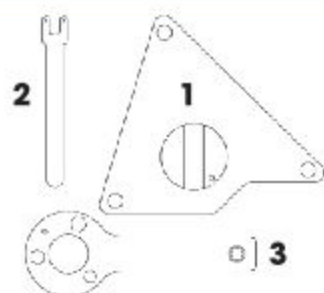
Engine code: 312A2.000, 940A2.000, 955A6.000, 955A2.000, 955A7.000, 955A8.000, 198A7.000

CODE

FG 192/FT16



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



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



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





Timing tool set FIAT 2.3JTD

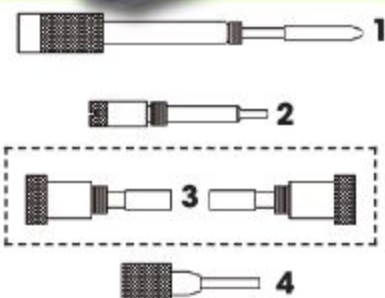
Models: FIAT DUCATO, IVECO DAILY

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; F1AE0481N; F1AE0481E; F1CE3481N; F1CE3481M; F1CE0481D; F1CE3481E; F1CE3481A; F1CE3481B; F1CE3481H; F1CE3481F



CODE	
FG 192/FT5C	



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



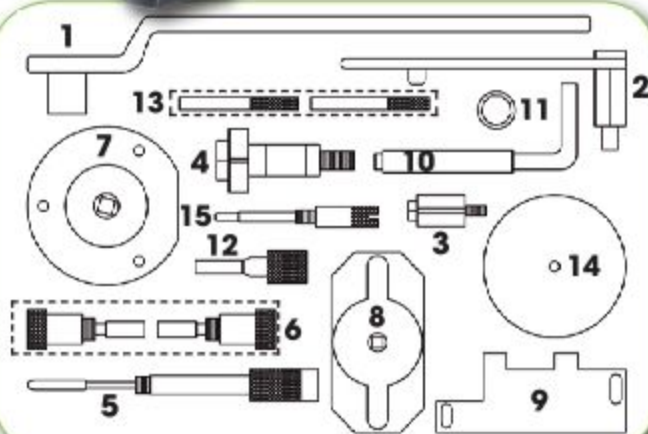
Timing tool set FIAT, IVECO, FORD, PEUGEOT, CITROEN

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; F1AE0481C; F1AE0481A; F1AE0481B; F1AE0481H; F1AE0481F; F1AE0481G; F1AE0481R; F1AE0481FA; F1AE0481HA; F1AE0481UA; F1AE0481VA; F1AE0481D; F1AE0481N; F1AE0481E; F1CE3481N; F1CE3481M; F1CE0481D; F1CE3481E; F1CE3481A; F1CE3481B; F1CE3481H; CE3481F

CODE	
FG 192/FT17	



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

SPECIAL AUTOMOTIVE TOOLS



Timing tool set FORD 1.6 Ti-VCT, 2.0 TDCi

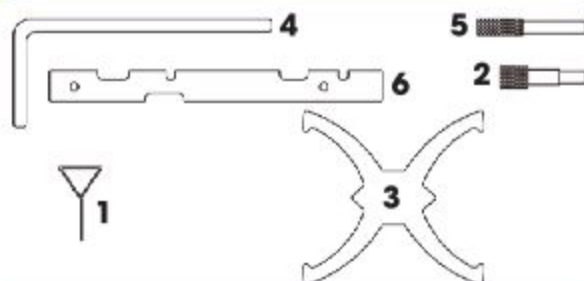
Models:

C-MAX ; Focus ; Focus C-Max ; Kuga ; B-MAX ; Fiesta ; Mondeo ; S-Max; Galaxy ; Grand-Cmax

Engine: 1.6 / 1.6 Ti-VCT (benzina); 2.0 TDCI

Engine code: HXDA; G6DA; G6DB; G6DC; IQJA; HXDB; SIDA; JQDA; JQDB; JTDA; JTDB; IQDB; PNDA; XTDA; MUDA; HXJA; HXJB; RVJA; U5JA; JTBA; JTBB; KGBA; PNBA; RHBA; JTWA; JTWB; G6DD; G6DE; G6DF; G6DG; IXDA; TXDA; TXDB; TYDA; UKDB; UFWA; TYWA; UFDB; QXWB;

CODE	
FG 192/FO4	



CODE	DESCRIPTION
FG 192/FO4-1	Tensioner locking pin
FG 192/FO4-2	Tensioner locking pin
FG 192/FO4-3	Camshaft sprocket locking tool
FG 192/FO4-4	Flywheel timing pin
FG 192/FO4-5	Camshaft sprocket locking tool
FG 192/FO4-6	Camshaft setting bar



Timing tool set FORD ZETEC e DURATEC

Models:

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

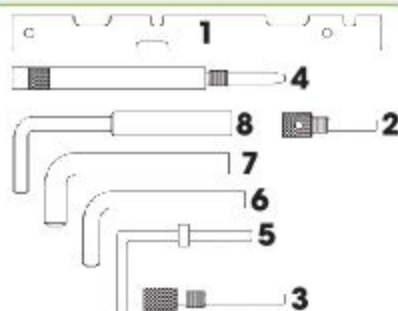
MAZDA: 121 benzina

VOLVO: S40, V50 benzina

Engine: 1.2, 2.4, 1.6, 1.6 16V, 1.7 16 chain, 1.8D, 1.8TD, 1.8 e 2.0 16V belt and chain

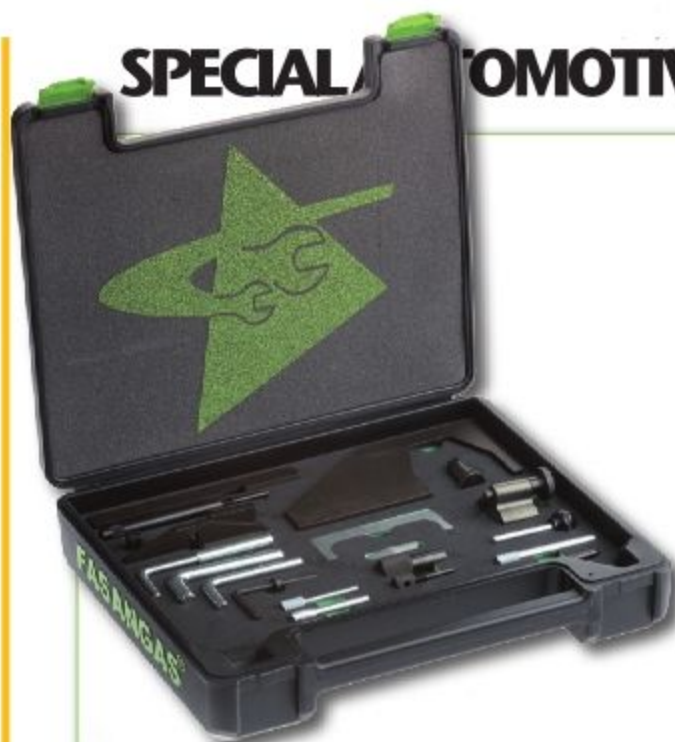
Engine code: FUJA, FUJB, FXJA, FXJB, FYJA, FYJB, F8JA, F8JB, M7JA, M7JB, DHA, DHB, DHC, DHD, DHE, DHF, DHG, FHA, FHE, LIT, L1V, L1E, L1G, L1H, L1Y, L1K, RDA, RDB, RKC, RQB, RQC, FXDA/C, FXDB/D, FYDA/C, FYDB/D, FYDH, HWDA, RFN, RTJ, RTK, RVA, RKD

CODE	
FG 192/FO8	



CODE	DESCRIPTION
FG 192/FO8-1	Camshaft locking bar
FG 192/FO8-2	Crankshaft timing pin (40x5mm)
FG 192/FO8-3	Crankshaft timing pin (65x7.5mm)
FG 192/FO8-4	Crankshaft timing pin
FG 192/FO8-5	Camshaft timing pin (Ø6mm)
FG 192/FO8-6	Camshaft timing pin (Ø9.5mm)
FG 192/FO8-7	Camshaft timing pin (Ø12.7mm)
FG 192/FO8-8	Flywheel locking tool

SPECIAL AUTOMOTIVE TOOLS



Timing tool set FORD/MAZDA

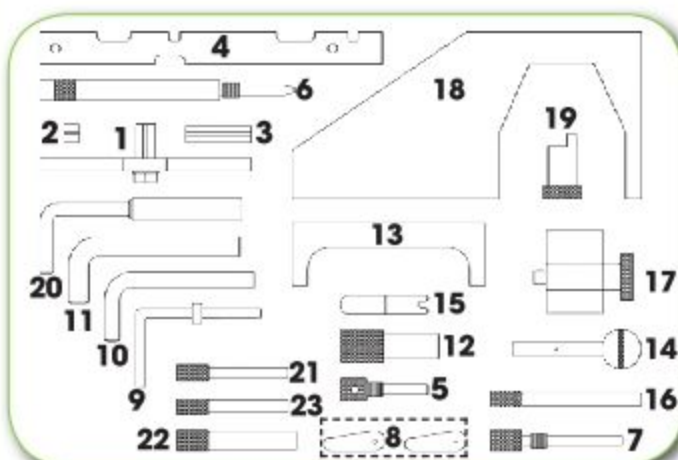
Models:

FORD: C, Max, Fiesta, Focus, Focus C, Max, Fusion, Transit Connect, Tourneo Connect, Cougar, Puma, Escort, Mondeo, Orion, Kombi, Galaxy
MAZDA: 121(ZQ), 2(DY), 2(DE)

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: AFN, AHU, ANU, AOBA, AODA, AODB, AOWA, ASZ, ASZ1, AUJ, AZWA, BHDA/B, BHPA, B4A, B4B/B4C, BOA, BRC, BRD/BRE/BRF, BRG, BRV, C9DA/B, C9DC, DHA, DHB, DHC, DHD, EAB, EBDA/C, EDBB, EDBD, EDDC, EDDC, EDDF, EYDB, EYDC, EYDD/E, EYDF, EYDG, EYDI, EYDJ, EYPA, EYPCFHA, F6JA, F6JB, F8JA, F8JB, F9DA/B, FHD, FHF, FUJA, FUJB, FXJA, FXJB, FYJA, FYJB, FXDA/C, FYDA/C, FYDB/D, G6DA, G6DB, G6DC, G8DA, G8DB, HCPA, HCPB, HHDA, HHDB, HHJA, HHJB, HJBA, HJBB, HJBC, HJBE, HWD, HWD, KKDA, L1T, L1V, L1E, L1G, L1H, L1Y, L1K, L1L, L1N/Q, L1W, L1F, L1A/LTC, LTB, MHA, M7JA, M7JB, N4JB, NGA, NGB, NGC, NGD, QQDA, QQDB, QQDC, RDA, RDB, RKC, RKF, RKH, RHJ, RKK, RKA, RKB, RQB, RQC, RDF, RDK, RFM, RFN, RTA, RTB, RTC, RTD, RTE, RTF, RTG, RTH, RTJ, RTK, RTN/RTQ, RTP, RVA, RKD, 1Z, 4AB, 4BC, 4CA, 4CC, 4DA, 4EA, 4FA, 4GA, 4EB, 4EC, 4ED, 4FB, 4FC, 4FD, 4GA, 4GB, 4GC, 4GD, 4GE, 4HB

CODE	
FG 192/FO24	



CODE	DESCRIPTION
FG 192/FO24-1	Flywheel locking tool
FG 192/FO24-2	Adaptor for flywheel locking tool
FG 192/FO24-3	Adaptor for flywheel locking tool
FG 192/FO24-4	Camshaft locking bar
FG 192/FO24-5	Crankshaft timing pin (65x7,5mm)
FG 192/FO24-6	Crankshaft timing pin
FG 192/FO24-7	Crankshaft timing pin (26mm)
FG 192/FO24-8	Thickness
FG 192/FO24-9	Camshaft timing pin (Ø12,7mm)
FG 192/FO24-10	Camshaft timing pin
FG 192/FO24-11	Flywheel timing pin
FG 192/FO24-12	Locking pin for gear of injection pump
FG 192/FO24-13	Camshaft locking bar
FG 192/FO24-14	Injection pump locking pin
FG 192/FO24-15	Two pins wrench
FG 192/FO24-16	Pin
FG 192/FO24-17	Locking pin for gear of crankshaft
FG 192/FO24-18	Camshaft alignment tool
FG 192/FO24-19	Crankshaft tool
FG 192/FO24-20	Flywheel locking tool
FG 192/FO24-21	Crankshaft alignment tool
FG 192/FO24-22	Flywheel locking tool
FG 192/FO24-23	Camshaft locking tool



Flywheel locking tool for FORD

Diesel, Petrol - Belt and Chain

CODE	
FG 192/FO3	



SPECIAL AUTOMOTIVE TOOLS



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



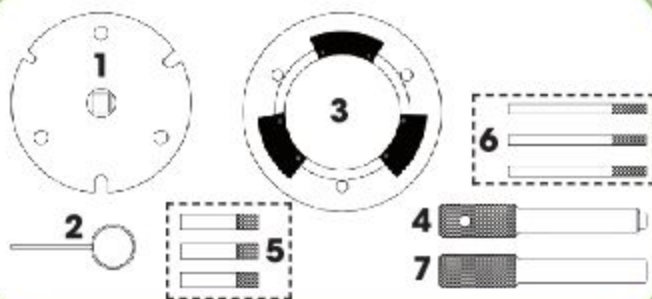
Models:

Mondeo, Transit, Focus

Engine: 2.0, 2.2 & 2.4 DURATORQ 16V

Engine code: FMBA/B, HJBA, HJBB, HJBC, HJBE, N7BA, N7BB, SDBA, D5BA, D6BA, QJBA, QJBB, QJBC, ABFA, D3FA, F3FA, FIFA, D2FA, D4FA, DOFA, F4FA, FXFA, H9FA

CODE	
FG 192/FO11	



CODE	DESCRIPTION
FG 192/FO11-1	Plate for disassembly / assembly of fuel pump cover
FG 192/FO11-2	Tensioner pin $\varnothing$ 1.9
FG 192/FO11-3	Locking plate for gear of injection fuel pump
FG 192/FO11-4	Rywheel locking pin $\varnothing$ 14 $\varnothing$ 10
FG 192/FO11-5	Fuel pump locking Pins
FG 192/FO11-6	Sprockets camshafts locking pins $\varnothing$ 6
FG 192/FO11-7	Rywheel locking pin $\varnothing$ 14



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

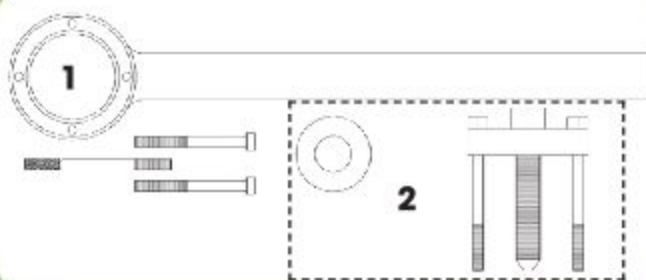
Models:

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	



CODE	DESCRIPTION
FG 192/LR-1	Crankshaft pulley locking tool
FG 192/LR-2	Crankshaft pulley remover

SPECIAL AUTOMOTIVE TOOLS



Timing tool set motori 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

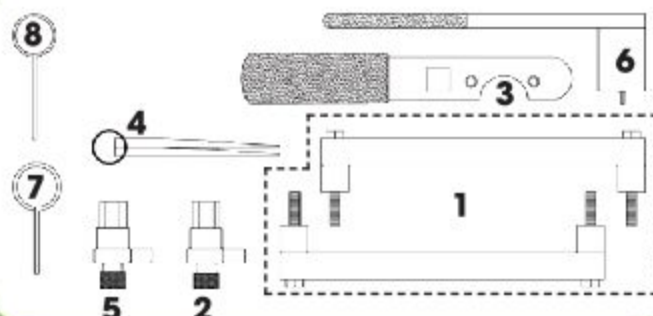
LAND ROVER: Range Rover Supercharged, Discovery 3, Range Rover

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	



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



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



Models:

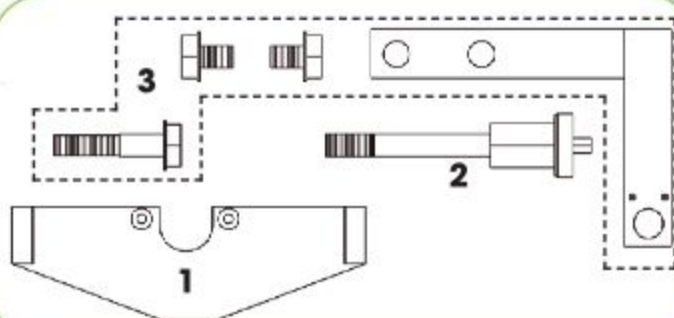
Mini Cooper 2001-09; Mini Cooper S 2002-2004;

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

SPECIAL AUTOMOTIVE TOOLS



Timing tool set motori MINI, PSA 1.4, 1.6 16V N12&N14



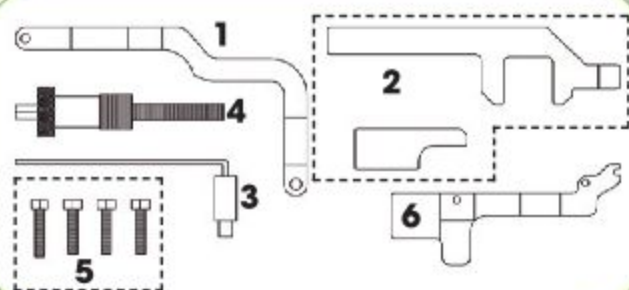
Models:

Mini: Mini One, Mini Couper, Mini Couper S, Mini Clubman
Citroen: C4, C4 Picasso
Peugeot: 207, 308

Engine: 1.4, 1.6 16V

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

CODE	
FG 192/MI10	



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



Timing tool set motori MW MINI 1.6 Diesel W16D



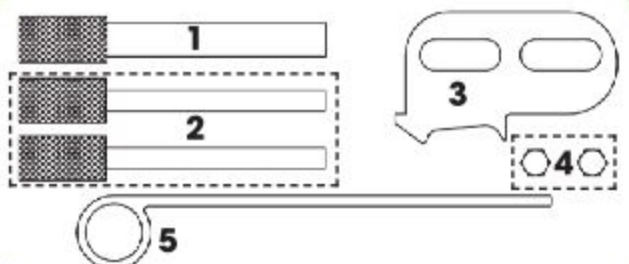
Models:

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	



CODE	DESCRIPTION
FG 192/MI9-1	Camshaft sprocket locking tool / Flywheel/drive plate timing pin
FG 192/MI9-2	Crankshaft aligning tool
FG 192/MI9-3	Flywheel locking tool
FG 192/MI9-4	Flywheel locking tool (2 pcs)
FG 192/MI9-5	Timing chain tensioner locking pin



Timing tool set JEEP and CHRYSLER 2.5 CRD / 2.8 CRD



Models:

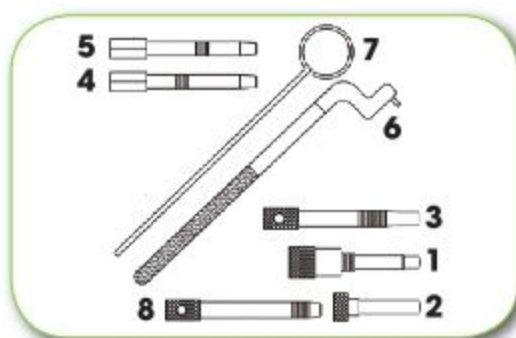
JEEP: Cherokee, LDV: Maxus

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
FG 192/CH8-1	Inlet camshaft locking pin
FG 192/CH8-2	Exhaust camshaft locking pin
FG 192/CH8-3	Flywheel locking pin (Voyager/Grand Voyager 2.5/2.8 and LDV Maxus)
FG 192/CH8-4	Flywheel locking pin (Jeep Cherokee 2.8)
FG 192/CH8-5	Flywheel locking pin (Jeep Cherokee 2.5)
FG 192/CH8-6	Tensioner pulley tool
FG 192/CH8-7	Balancer shaft locking pin
FG 192/CH8-8	Flywheel locking pin (Balancer Shaft)

Flywheel locking tool for 1.3 CDTi

CODE	
FG 192/OP1	



Timing tool set 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	

SPECIAL AUTOMOTIVE TOOLS



Timing tool set OPEL 1.0, 1.2, 1.4 - CHAIN



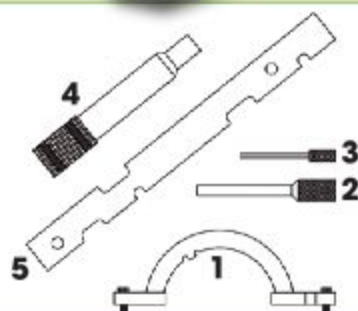
Models:

Corsa; Combo; Agila; Astra; Meriva; Tigra

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

Engine code: X10XE, Z10XE, Z10EXP, Z12XE, Z12XEP, Z14XEP, Z14XEL

CODE	
FG 192/OP5	



CODE	DESCRIPTION	
FG 192/OP5-1	Camshaft position (CMP) sensor disc setting tool	
FG 192/OP5-2	Tensioner locking tool 4mm	
FG 192/OP5-3	Timing chain tensioner locking pin 2.5 mm	
FG 192/OP5-4	Crankshaft locking pin	
FG 192/OP5-5	Camshaft locking tool	

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, A12XER, A14XER, A14NEL, LUH/A14NEL, A14NET,

CODE	
FG 192/OP7B	



Timing tool set 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, 12XER, A14XER, A14NEL, LUH/A14NEL, A14NET, X10XE, Z10XE, Z10XEP, Z12XE, Z12XEP, Z14XEP, Z14XEL

CODE	
FG 192/OP7	





Timing tool set OPEL 1.3 CDTI



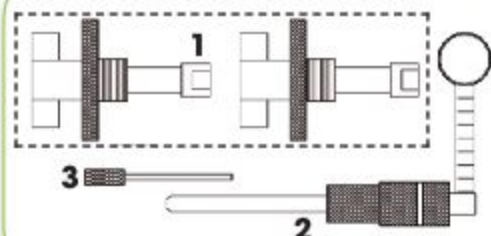
Models:

Astra, Corsa, Agila, Combo, Meriva

Engine: 1.3 CDTI

Engine code: Z13DT, Z13 DTH, Z13 DTJ

CODE	
FG 192/OP4	



CODE	DESCRIPTION	
FG 192/OP4-1	Camshaft locking tool (2 pcs)	
FG 192/OP4-2	Crankshaft locking pin	
FG 192/OP4-3	Timing chain tensioner locking pin	



Timing tool set OPEL 2.0 CDTI, CHEVROLET 2.0D VCDi



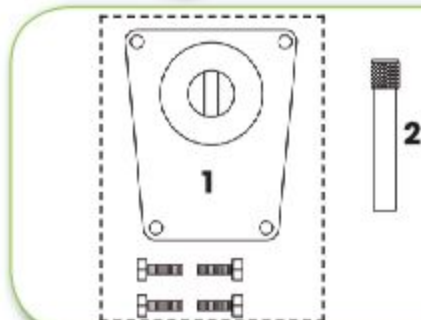
Models:

Antara, Captiva, Epica, Nubira, Lacetti, Evada

Engine: 2.0 CDTI

Engine code: Z20DMH, Z20DM, Z20S1, RA420

CODE	
FG 192/OP6	



CODE	DESCRIPTION	
FG 192/OP6-1	Camshaft locking tool	
FG 192/OP6-2	Crankshaft locking pin	

SPECIAL AUTOMOTIVE TOOLS



Timing tool set OPEL 2.0, 2.2



Models:

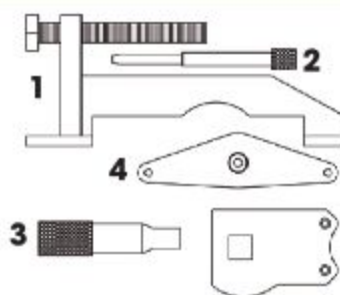
OPEL: Omega-B, Vectra-B, Astra-G, Zafira-A,
Signum, Frontera-B

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	



CODE	DESCRIPTION
FG 192/OP8-1	Camshaft sprocket holding tool
FG 192/OP8-2	Injection pump locking pin
FG 192/OP8-3	Crankshaft locking pin
FG 192/OP8-4	Camshaft locking tool



Timing tool set PEUGEOT/CITROËN 1.0VTi, 1.2VTi



Models:

PEUGEOT: 208, 308, 2008

CITROËN: C3 III, DS3/DS3 Cabrio

Engine: 1.0 VTi, 1.2 VTi

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

CODE	
FG 192/PS2	



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



Models:

PEUGEOT: Relay/Jumper

CITROËN: 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 1.4 e 1.6 HDi

Models:

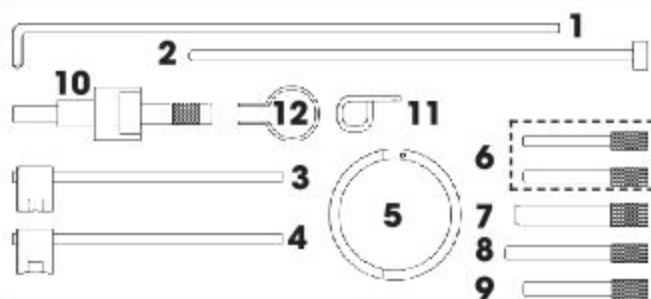
Peugeot: 107, 206, 206 Cc 207, 307, 307 Cc, 308, 406, 406 Coupe, 407, 607, 806, Expert I/II, Expert III, 807

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), 9HY/9HZ(DV6TED4), 9HX(DV6ATED4), 9HW(DV6BTD4), 9HU(DV6UTED4), DV4TD(8HT/8HX/8HW/8HV/8HY/8HZ)

CODE	
FG 192/PS13	



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



Timing tool set PSA 1.9D, 2.0D HDi, 2.2D HDi

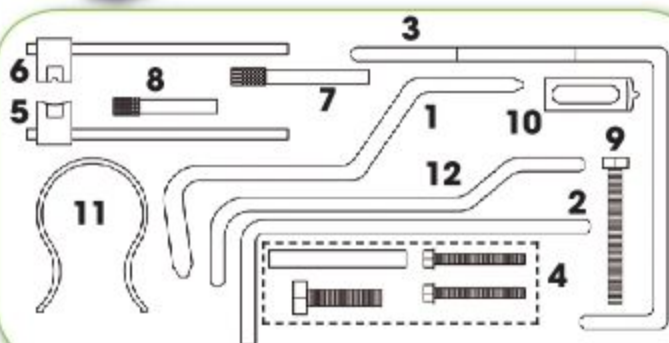
Models:

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), DW10BTD(RHX), W10ATED4(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
FG 192/PS15-1	Flywheel timing pin
FG 192/PS15-2	Flywheel timing pin
FG 192/PS15-3	Flywheel timing pin
FG 192/PS15-4	Crankshaft pulley puller
FG 192/PS15-5	Tensioning tool
FG 192/PS15-6	Tensioning tool
FG 192/PS15-7	Camshaft timing pin
FG 192/PS15-8	Injection pump locking pin-
FG 192/PS15-9	M8x80mm bolt
FG 192/PS15-10	Flywheel timing tool
FG 192/PS15-11	Timing belt retaining clip
FG 192/PS15-12	Flywheel timing pin

SPECIAL AUTOMOTIVE TOOLS



Timing tool set PSA, LAND ROVER, JAGUAR

Models:

PEUGEOT: 407, 607

CITROEN: C5 III, C6

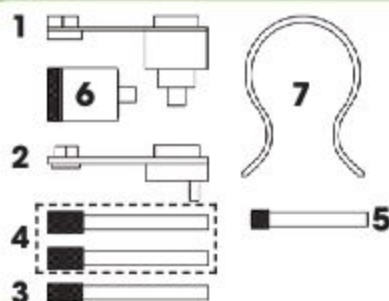
LAND ROVER: Discovery 3, Discovery 4, Range Rover Sport.

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	



CODE	DESCRIPTION
FG 192/PS7-1	Plywheel locking tool (AT)
FG 192/PS7-2	Plywheel timing tool (MT)
FG 192/PS7-3	Camshaft sprocket aligning tool
FG 192/PS7-4	Camshaft sprocket timing pins
FG 192/PS7-5	Water pump pulley locking tool
FG 192/PS7-6	Plywheel locking tool
FG 192/PS7-7	Timing belt retaining clip



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

Models:

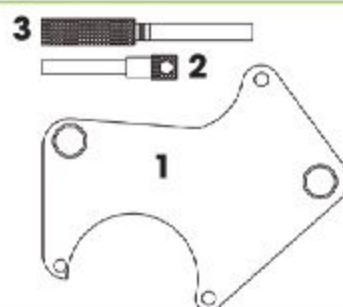
Clio, Kangoo, Megane, Scenic, Grand Scenic II, Clio III

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	DESCRIPTION
FG 192/RE3-1	Camshaft sprockets locking tool
FG 192/RE3-2	Crankshaft timing pin
FG 192/RE3-3	Crankshaft timing pin



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

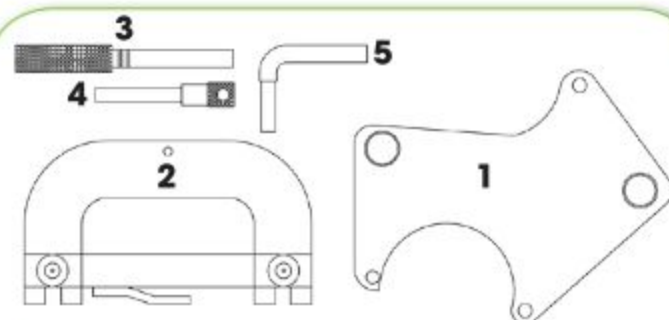
Models:

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

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	



SPECIAL AUTOMOTIVE TOOLS



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

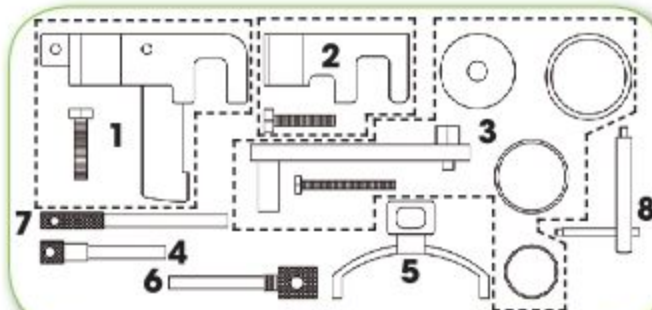
Models:

Clio, Kangoo, Megane, Scenic, Grand Scenic, Modus, Logan, Almera, Micra, Qashqai, Kubistar, Laguna, Traffic 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

CODE	
FG 192/RE13	



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



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, Traffic, Koleos

Nissan: Qashqai, Primastar

Opel: Vauxhall: Vivaro

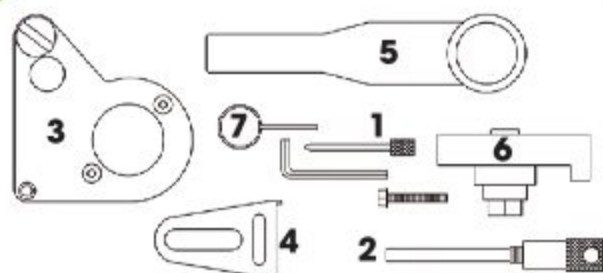
Engine: 2.0D dCi

Engine code: RENAULT: M9R 700, 721, 724, 740, 752, 760, 761, 780, 805, 830, 832, 833

NISSAN: M9R, M9R780

OPEL, VAUXHALL: M9R780, 750, 752, 753, 760, 761, 766, 782, 800, 801, 812, 813

CODE	
FG 192/RE6	



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

SPECIAL AUTOMOTIVE TOOLS



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 DIESEL



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	

SPECIAL AUTOMOTIVE TOOLS



Timing tool set AUDI 3.0 V6 BELT DRIVE



Models:

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

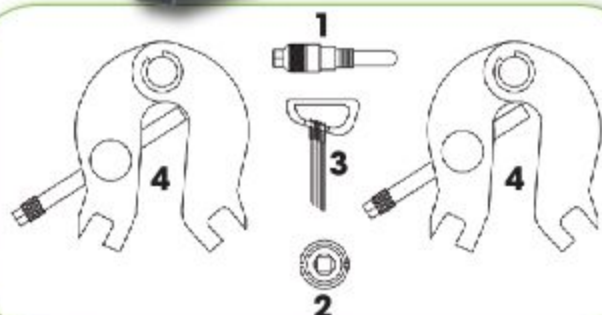
Engine: 3.0 Benzina

Engine code: ASN, BBJ

CODE	
FG 192/VW58	



CODE	DESCRIPTION	
FG 192/VW58-1	Crankshaft locking tool	
FG 192/VW58-2	Camshaft sprocket adjusting tool	
FG 192/VW58-3	Tensioner locking pins	
FG 192/VW58-4	Camshaft locking tools (2 pcs)	



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

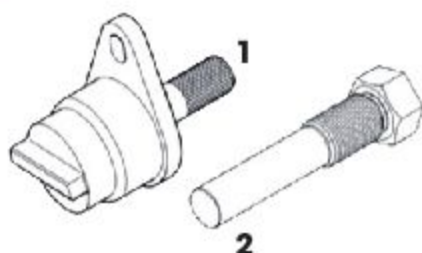
Engine: 1.2 TSi

Engine code: CBZA, CBZB, CBZC

CODE	
FG 192/VW2	



CODE	DESCRIPTION	
FG 192/VW2-1	Camshaft alignment tool	
FG 192/VW2-2	Crankshaft locking tool	





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



Models:

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

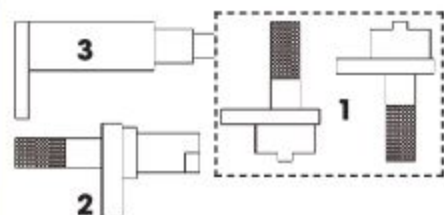
Skoda: Fabia, Roomster

Seat: Cordoba, Ibiza

Engine: 1.2 3 CIL. 6V e 12V

Engine code: AWY, BMD, AZQ, BME

CODE	
FG 192/VW4	



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



Timing tool set VW, AUDI, SKODA-SEAT 1.4 FSI & 1.6 FSI



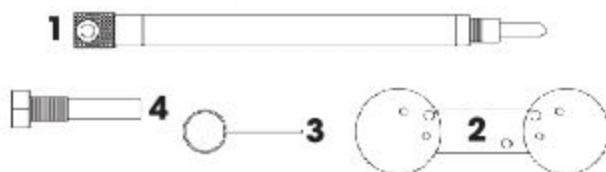
Models:

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

Timing tool set VAG 1.8 e 1.8T

Models:

AUDI: A3; S3; TT ;A6

SEAT: Ibiza; Cordoba ; Leon; Toledo; Alhambra Octavia

VW: Golf; Passat

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



CODICE	
FG 192/VW5	

SPECIAL AUTOMOTIVE TOOLS



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

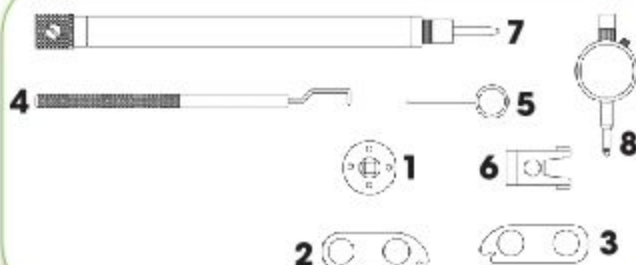
SKODA: Octavia II; Superb; Yeti

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
FG 192/VW8-1	Camshaft Control Valve Removal Tool
FG 192/VW8-2	Camshaft Clamp (Exhaust)
FG 192/VW8-3	Camshaft Clamp (Inlet)
FG 192/VW8-4	Oil Pump Tensioner Locking Pin
FG 192/VW8-5	Tensioner Locking Pin 1.4mm
FG 192/VW8-6	Timing Chain Tensioner
FG 192/VW8-7	TDC
FG 192/VW8-8	DTI Gauge



Timing tool set VW / AUDI 2.0 FSI & TFSI



Models:

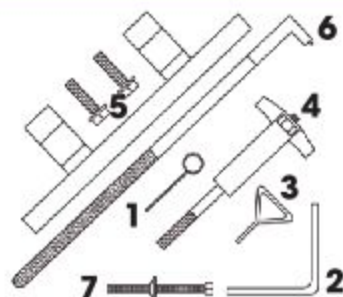
AUDI: A3, A4, TT, A4 Cabrio, S3

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

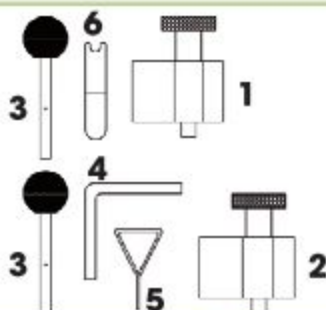
CODE	
FG 192/VW7C	



CODE	DESCRIPTION
FG 192/VW7C-1	Tensioner locking tool
FG 192/VW7C-2	Auxiliary drive belt tensioner locking pin
FG 192/VW7C-3	Tensioner locking tool
FG 192/VW7C-4	Chain tensioner/camshaft adjuster retaining tool
FG 192/VW7C-5	Camshaft alignment tool
FG 192/VW7C-6	Two-pin wrench
FG 192/VW7C-7	Chain tensioner/camshaft adjuster retaining tool



CODICE	
FG 192/VW7	



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 li, 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	DESCRIPTION
FG 192/VW7-1	Crankshaft sprocket locking tool
FG 192/VW7-2	Crankshaft sprocket locking tool
FG 192/VW7-3	Camshaft/high-pressure fuel pump locking tool (2 pcs)
FG 192/VW7-4	Auxiliary drive belt tensioner locking pin
FG 192/VW7-5	Chain tensioner locking pin
FG 192/VW7-6	Two-pin wrench

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

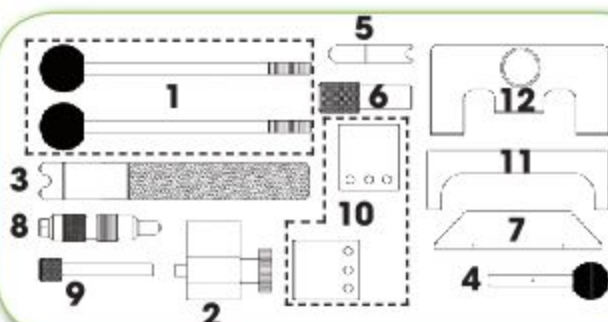
Skoda: Felicia, Van, Pick, Up, Octavia, Octavia Tour, Fabia

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, AHE, AHH, AHL, AHU, AJA, AJM, AKE, AKN, AKU, AKW, ALE, ALH, ALI, AMF, ANU, ANY, AQM, ARL, ASV, ASX, ASZ, ATD, ATJ, AUY, AVB, AVF, AVG, AVJ, AWX, AXR, AYM, AYZ, BAY, CY, JK, RA, SB,

CODICE	
FG 192/VW14	



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

SPECIAL AUTOMOTIVE TOOLS



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



Models:

VW: Beetle/Maggiolino; Golf V; Golf VI Cabrio; 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

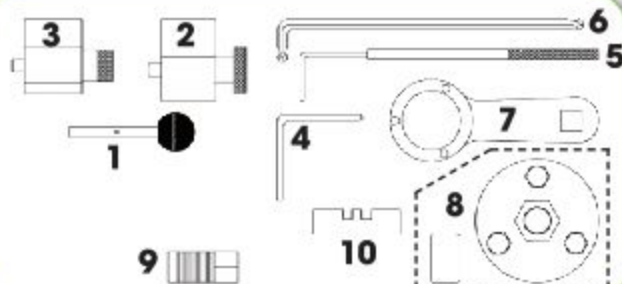
SKODA: Fabia II; Octavia II; Rapid; Praktik; Yeti; Roomster; Superb II

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; CBD; CBDC; CFJA; CFWA; CJCA; CJCB; CJAA; CCHA; CEGA

CODICE

FG 192/VW10



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



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



Models:

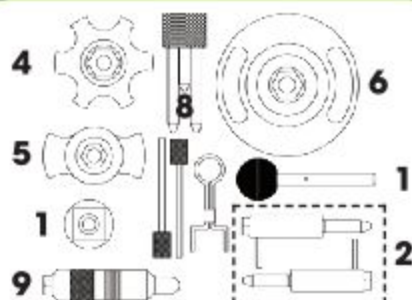
AUDI: A4, A4 Cabrio, A6, A6 allroad, A5 Coupe/Cabriolet, A5 Sportback, A8, Q7, Q5, A5 Coupe/Cabriolet

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, CANG, 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

CODICE

FG 192/VW12



CODE	DESCRIPTION
FG 192/VW12-1	Crankshaft turning tool (TYPE 1)
FG 192/VW12-2	Camshaft locking pin (2 pcs)
FG 192/VW12-3	Chain tensioner piston locking pin (Ø 3.3mm) (2 pcs)
FG 192/VW12-4	Camshaft holding/alignment tool
FG 192/VW12-5	Camshaft sprocket holding tool
FG 192/VW12-6	Crankshaft turning tool (TYPE 2)
FG 192/VW12-7	Timing chain tensioner locking pin (3 pcs)
FG 192/VW12-8	High-pressure fuel pump sprocket locking tool
FG 192/VW14-3	Crankshaft locking tool
FG 192/FO24-12	Balancer shaft/high-pressure fuel pump locking tool



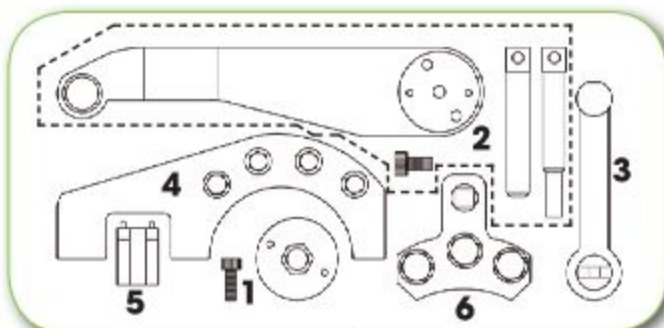
Timing tool set VOLKSWAGEN 2.5 TDI PD



Models:
Transporter, Touareg

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

CODE	
FG 192/VW6	



CODICE	DESCRIZIONE	/Pz
FG 192/VW6-1	Crankshaft alignment tool	
FG 192/VW6-2	Crankshaft locking tool	
FG 192/VW6-3	Camshaft alignment tool	
FG 192/VW6-4	Camshaft gear locking tool	
FG 192/VW6-5	Camshaft compensation gear pre-tensioning tool	
FG 192/VW6-6	Camshaft gear holding / turning tool	



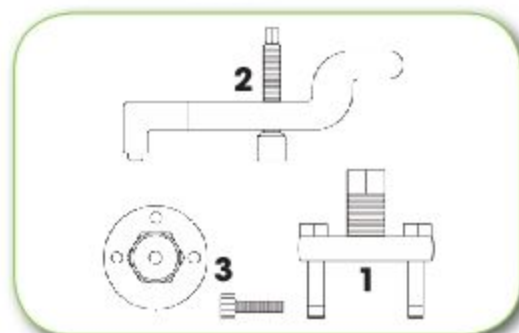
Water pump removal set for VOLKSWAGEN 2.5 TDI PD



Models:
Transporter, Transporter T5, Touareg

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

CODE	
FG 192/VW68	



CODE	DESCRIPTION	
FG 192/VW68-1	Gear Puller (For removing gear from coolant pump)	
FG 192/VW68-2	Water pump puller	
FG 192/VW68-3	Crankshaft alignment tool	

SPECIAL AUTOMOTIVE TOOLS



Timing tool set VOLKSWAGEN 2.4, 2.5 TDI



Models:

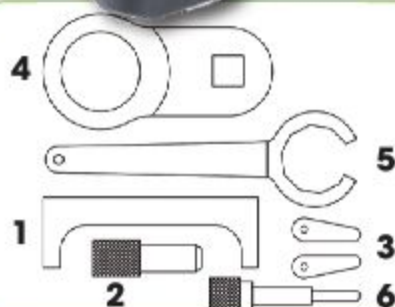
LT; Crafter; Transporter T4

Engine: 2.4, 2.5 Tdi

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

CODE	
FG 192/VW78	

CODE	DESCRIPTION
FG 192/VW78-1	Camshaft setting bar
FG 192/VW78-2	Injection pump sprocket locking pin (Ø15.4 mm)
FG 192/VW78-3	Shims
FG 192/VW78-4	Crankshaft pulley holding tool
FG 192/VW78-5	Tensioner pulley spanner
FG 192/VW78-6	Crankshaft timing pin



Crankshaft pulley holding tool suitable for VOLVO DIESEL/PETROL



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	XXX



Dial gauge holder

CODE	M	Ø mm	L/mm
FG 192/PM	14x1.25	18.0	275

Dial gauge

CODE	
FG 192/CO	

GENERAL TIMING TOOLS

