

TIMING TOOL SET

11



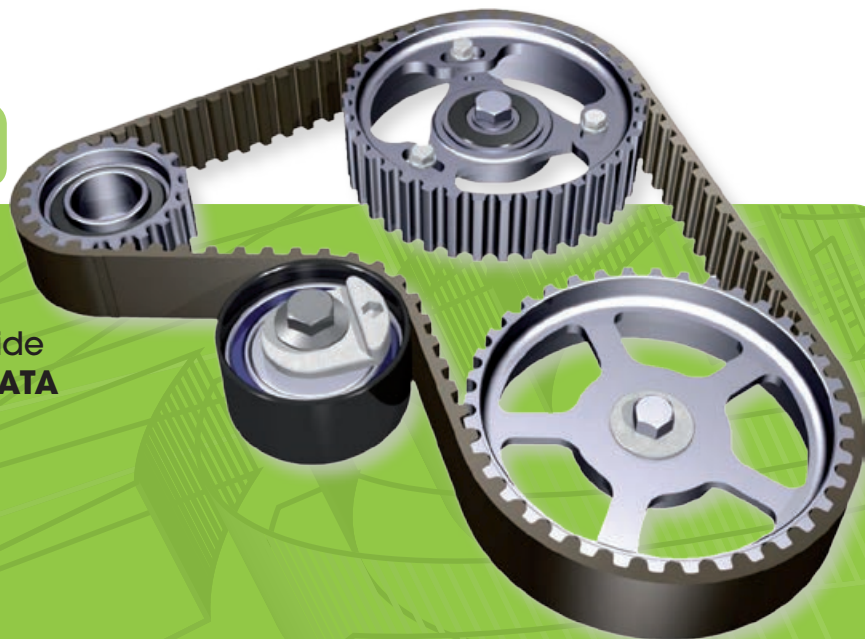
Timing tool set



SPECIAL

TIMING TOOLS

The program of TIMING TOOLS has been developed with high accuracy and using official information coming from a worldwide leader about Thecnical 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



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/BW4-3	High-pressure fuel pump sprocket removal tool	

SPARE PARTS

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

TOOL FINDER

RICERCA IL KIT DI FASATURA PER IL TUO VEICOLO

Marca

Modello

Cilindrata

Motore

Alimentazione

Ogni singolo set è dotato di apposito Manuale d'Uso dove l'utilizzatore può trovare la corrispondenza di ogni singolo pezzo con il codice originale fornito dalla Casa Costruttrice.

In collaborazione con: **Autodata**
It's what we know

Ricerca per codice motore

Codice motore

Cerca

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.



FASANOTOOLS APP

Into FASANOTOOLS APP, available for ios and ANDROID devices, it's possible to find the Official Catalogue and the special TIMING TOOL FINDER



IN COLLABORATION WITH:



It's what we know

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



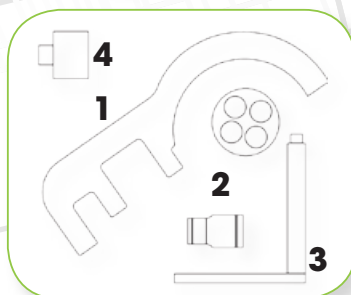
Models:

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: 1.6D, 2.0D, 3.0D

Motor codes: N47, N47S, N57

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:

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	

NEW



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)

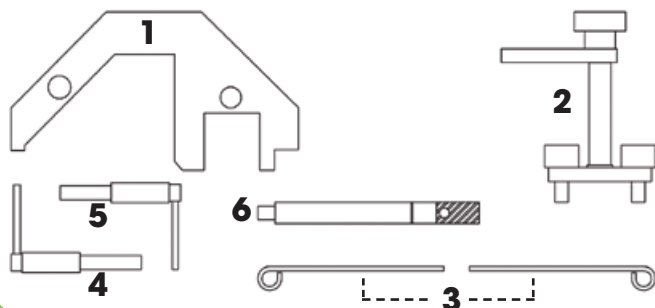
VAUXHALL/OPEL: Omega-B (01-03)

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:

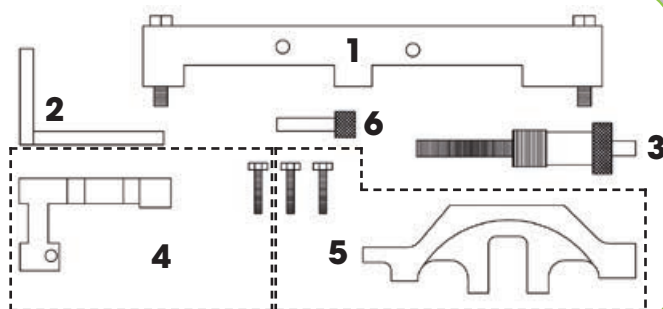
N40: (E46) 316i/316ti/316Ci

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	



Timing tool set for BMW N42, N46, N46T

Models:

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

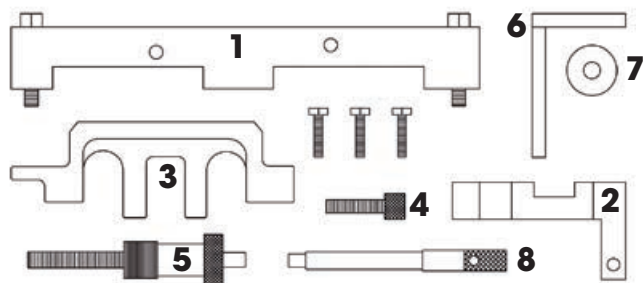
N46: (E87) 118i / 120i; (E90/E91) 318i/320i; Z4 (E85)

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

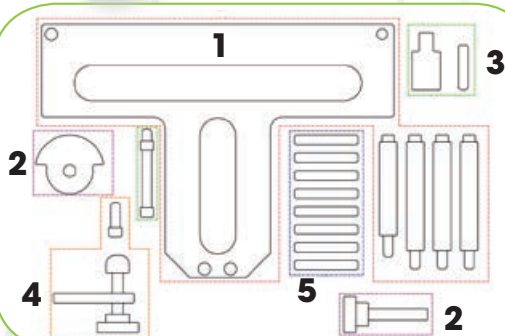
N46: (E87) 118i / 120i; (E90/E91) 318i/320i; Z4 (E85)

Engine: 1.8, 2.0

Engine code: N42 B18A; N42 B20A

N46 B18; N46 B20; N46 B20B

CODE	
FG 192/BW18	



CODE	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)



Timing tool set for BMW N62/N73

Models:

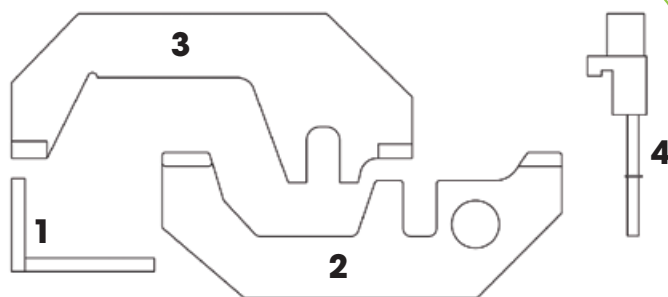
N62: 540i, 545i, 550i (E60/61); 645i, 650i (E63864), 735i, 740i, 745i 750i (E65/66), X5 (E53/E70)

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

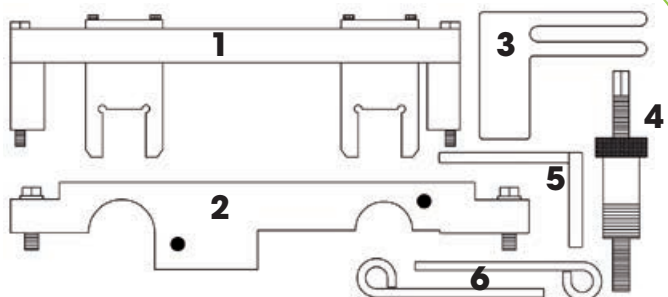
Models:

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	



Timing tool set for BMW N13 e N18



Models:

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

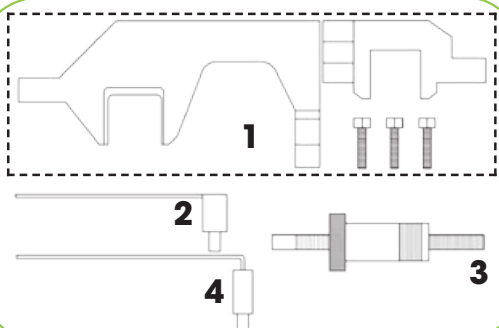
MINI: Clubman (Cooper S (R55)); Clubman (JCW (R55)); Countryman (Cooper / Cooper S (R60), JWC (R60)); Coupe (Cooper S / JCW (R58)); Mini (Cooper S (R56/R87); Paceman (Cooper / JCW (R61)); Roadstar (Cooper S/JCW(R59))

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

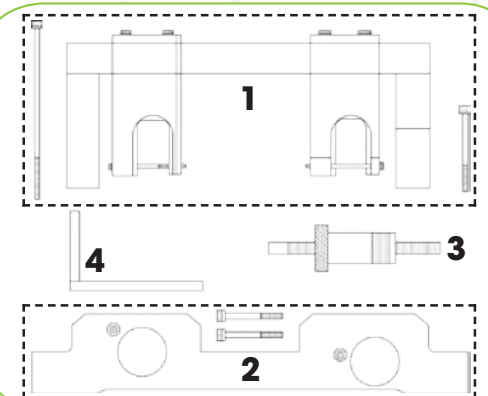
X3 (xDrive20i; xDrive28i); Z4 (sDrive18i; sDrive20i; sDrive28i)

Engine: 2.0 benzina

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

CODE	
FG 192/BW8C	

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





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

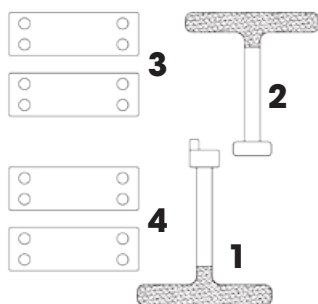
Models:

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	
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	





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



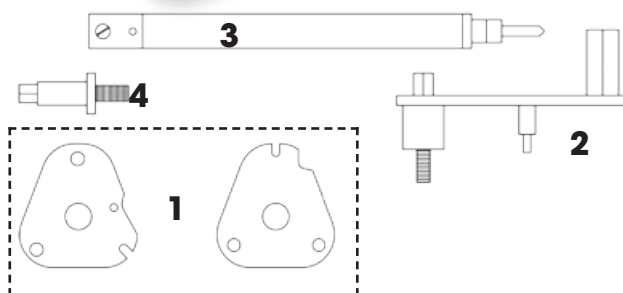
Models:

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	
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	

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



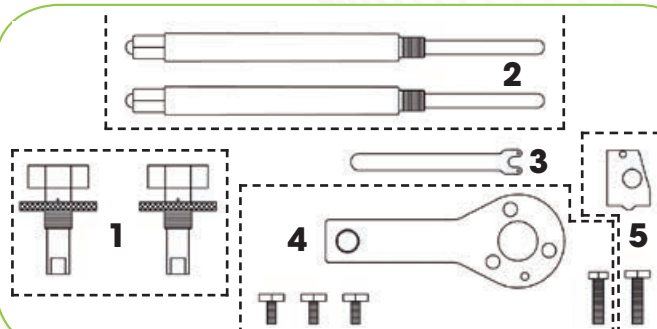
Models:

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

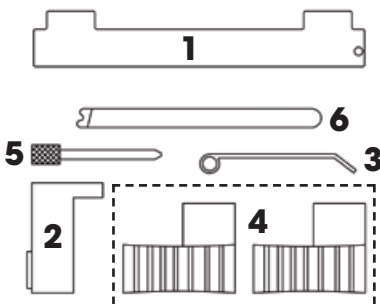


Timing tool set FIAT, ALFA ROMEO, CHEVROLET, OPEL 1.6, 1.8



Models: **FIAT:** Croma; **ALFA ROMEO:** 159;
CHEVROLET: Aveo; Cruze
OPEL: Corsa; Astra, Meriva, Zafira, Vectra, Signum, 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	



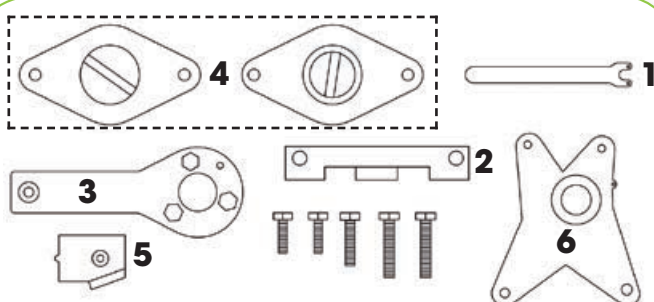
Timing tool set FIAT 1.2 8V, 1.4 8V



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 1.3 Multijet, 1.3 CDTi, 1.3 DDiS



Models:

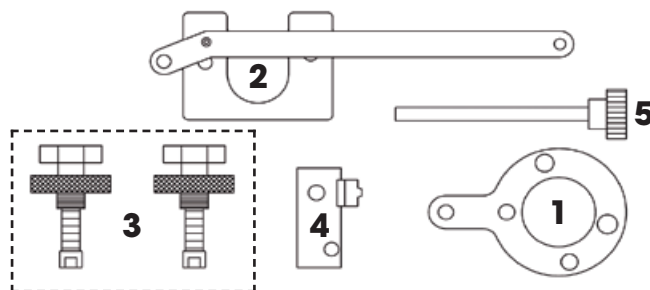
FIAT: Panda, Punto, Idea, Doblo. LANCIA: Musa, Ypsilon
OPEL: Agila, Corsa, Combo, Tigra, Meriva, Astra
SUZUKI: Ignis, Swift

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)



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



Modelli:

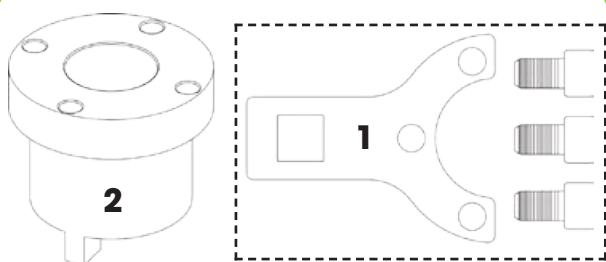
Punto; Grande Punto; Punto Evo; Fiorino; Panda/Panda
Classic; 500/500C; Doblò; Doblò Cargo; Qubo

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
FG 192/FT6A-1	Attrezzo bloccaggio puleggia albero motore
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

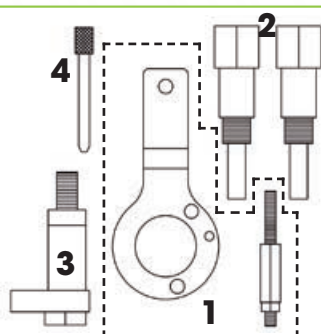


Models:

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



Timing tool set FIAT 2.3JTD

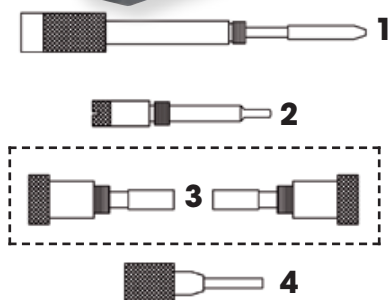


Models: FIAT DUCATO, IVECO DAILY

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	
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 TWINAIR

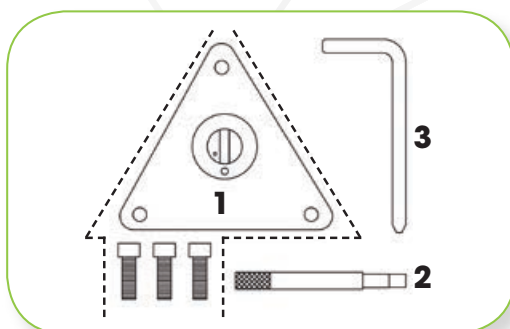
Models: 500/500C (07-); Panda (2012)

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	Flywheel/drive plate locking tool	



Timing tool set MULTIAIR

Models:

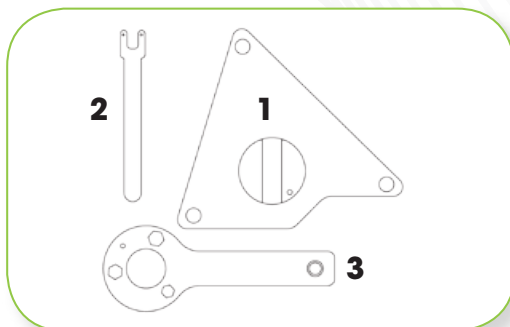
Punto EVO, Punto EVO Abarth, Bravo, 500
Alfa MITO, Giulietta

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	



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	



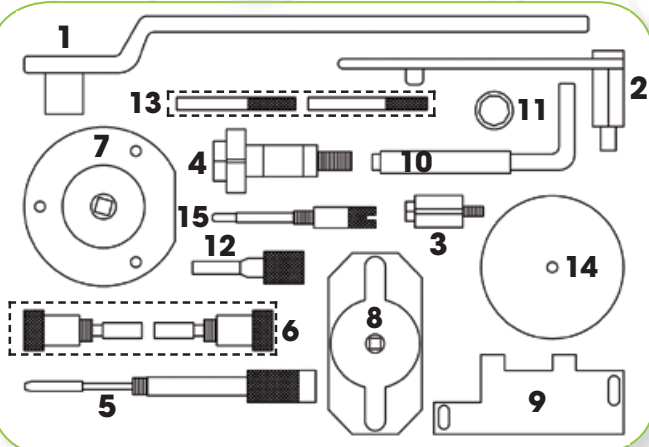
Timing tool set FIAT, IVECO, FORD, PEUGEOT, CITROEN

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	

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)





Timing tool set for FORD 1.0 ECOBOOST

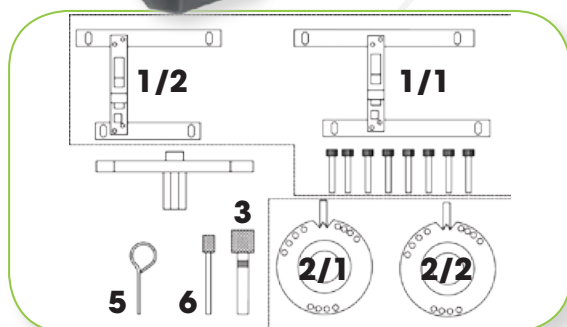
Engine: B-MAX; Fiesta; C-MAX; Grand C-MAX; Focus; EcoSport;

Engine: 1.0 EcoBoost; 1.0 SCTi EcoBoost

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



CODE	
FG 192/FO16	



CODE	DESCRIPTION	
FG 192/FO16-1/1	Camshaft locking tool - big	
FG 192/FO16-1/2	Camshaft locking tool - small	
FG 192/FO16-1/3	Screws for FG 192/FO16-1 (8 pieces)	
FG 192/FO16-2/1	Camshaft adjuster alignment tool - inlet	
FG 192/FO16-2/2	Camshaft adjuster alignment tool - exhaust	
FG 192/FO16-3	Crankshaft timing tool	
FG 192/FO16-4	Flywheel locking tool	
FG 192/FO16-5	Tensioner pulley locking pin	
FG 192/FO16-6	Crankshaft pulley alignment tool	

Timing tool set FORD 1.25/1.4/1.6/1.6 Ti-VCT (petrol), 2.0 TDCI

Models:

FORD: C-Max; Gran C-Max; Focus; Fiesta; Mondeo;
Kuga; Galaxy; Fusion; S-Max

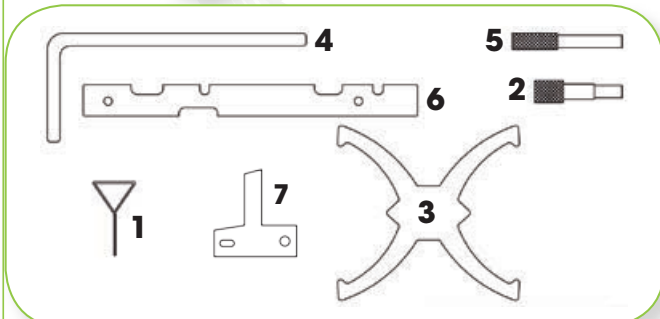
VOLVO: S60; S80; V70

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

Engine code: HXDA; HXDB; SIDA; IQDA; IQDB; PNDA; XTDA; U5JA;
RHBA; G6DA; G6DB; G6DC; G6DD; G6DE; G6DF; IXDA; TXDA; TXDB;
TYDA; UKDA; UKDB; UFWA; F8JA; F8JB; FUJA; FUJB; M7JA; M7JB; SNJA;
SNJB; STJA; STJB; ASDA; ASDB; FXJA; FXJB; FXJC; SPJA; SPJC; SPJD; FYJA;
FYJB; FYJC; HWDA; HWDB; SHDA; SHDB; SHDC; JQDA; JQMA; JQMB;
JTMA; IQJA; JQDA; JTWA; JTWB; KGBA; B4164T; B4164T3; B4164T2



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	
FG 192/FO4-7	Crankshaft pulley alignment tool	

Camshaft setting bar - FORD 1.6 ECOBOOST

NEW

Models:

B-Max; C-Max; Fiesta; Focus; Galaxy; Gran C-Max; Kuga;
Mondeo; S-Max; Tourneo Connect; Transit Connect

Engine: 1.6 ECOBOOST

Engine code: JQMA; JQMB; JTMA;
IQJA; JQDA; IQDA; JTWA; JTWB; KGBA



CODE	
FG 192/FO4A	



Timing tool set for FORD 2.0 ECOBOOST

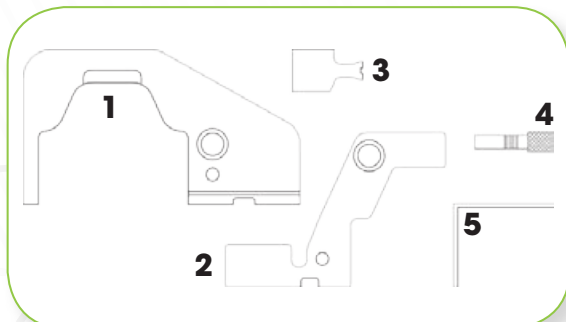


Engine: Focus, Mondeo, Galaxy, S-Max
Engine: 2,0 Ti-VCT; 2,0 SCTi EcoBoost; 2,0 EcoBoost

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

CODE	
FG 192/FO16B	

NEW



CODE	DESCRIPTION	
FG 192/FO16B-1	Camshaft alignment tool (>01/05/11)	
FG 192/FO16B-2	Camshaft alignment tool (02/05/11>)	
FG 192/FO16B-3	Crankshaft position (CKP) sensor alignment tool	
FG 192/FO16B-4	Crankshaft timing	
FG 192/FO16B-5	2 mm tensioning pin	

Timing tool set FORD ZETEC e DURATEC

Models:

FORD: Fiesta, Fusion, Courier, Escort, Focu, Puma, Mondeo, Transit, Connect, CougarOrion, Kombi, Galaxy

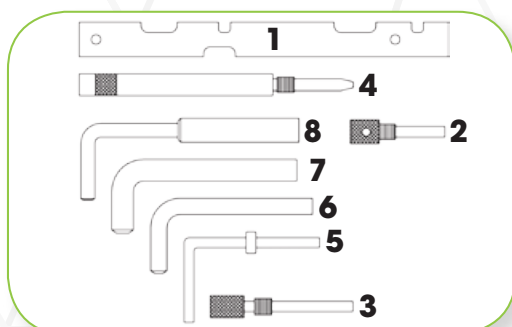
MAZDA: 121 benzina

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, L1T, 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	



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

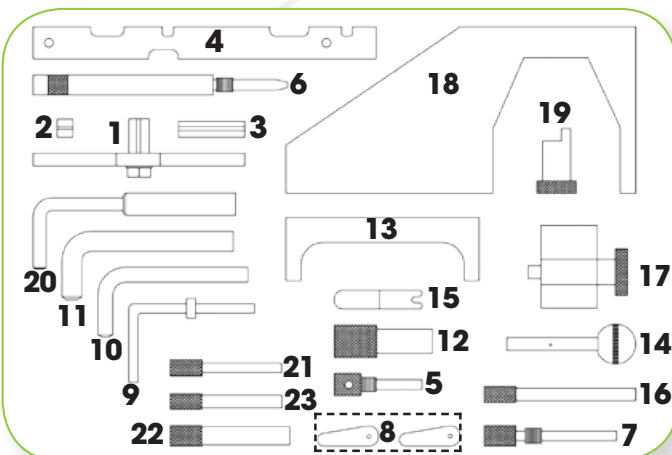
Engine:

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

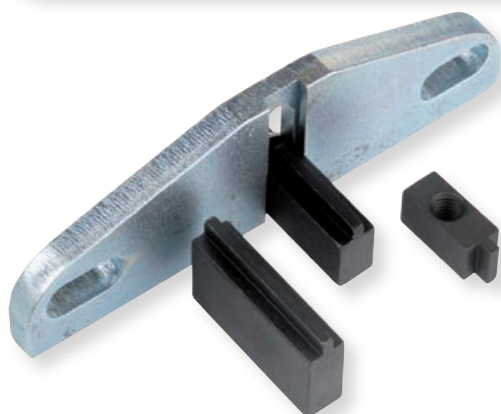
Engine code:

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	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 (Ø6mm)
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	



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

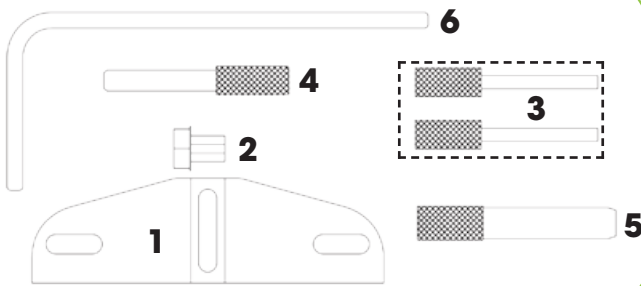
Engine:

- G8DA, G8DB, G8DC, G8DD, G8DE, G8DF, HHDA, HHDB, F6JA, F6JB, F6JC, HHJA, HHJB, HHJC, HHJD: HHJE, HHJF
- 9HU (DV6UTED4), 4HP (DW12BTED4), 4HR (DW12BTED4), 4HR (DW12BTED4), 4HS (DW12BTED4), 4HT (DW12BTED4), RHK (DW10UTED4), RHR (DW10BTED4)
- 9H07, 9HU (DV6UTED4), RHK (DW10UTED4), RHR DW10BTED4)
- D4164T, D4164T DRIVE, D4204T, D4204T2

Engine code:

-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	



CODE	DESCRIPTION	
FG 192/FO6-1	Flywheel locking tool (base plate)	
FG 192/FO6-2	Flywheel locking tool (adaptor)	
FG 192/FO6-3	Crankshaft alignment tool (Ø 5 mm)	
FG 192/FO6-4	Camshaft sprocket locking tool (Ø 8 mm)	
FG 192/FO6-5	Flywheel locking tool (Ø 11.6 mm)	
FG 192/FO6-6	Flywheel timing pin	



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

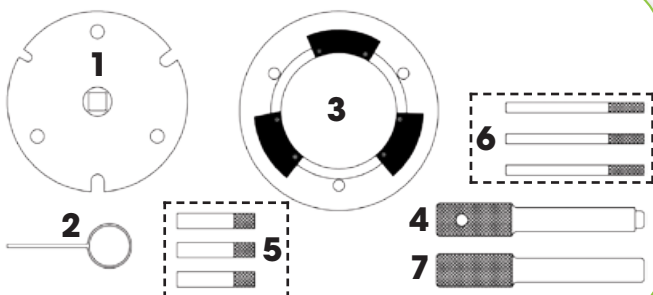
Models:

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 Ø 1.9	
FG 192/FO11-3	Locking plate for gear of Injection Fuel pump	
FG 192/FO11-4	Flywheel locking pin Ø 14 Ø 10	
FG 192/FO11-5	Fuel pump locking Pins	
FG 192/FO11-6	Sprockets camshafts locking pins Ø 6	
FG 192/FO11-7	Flywheel locking pin Ø 14	



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



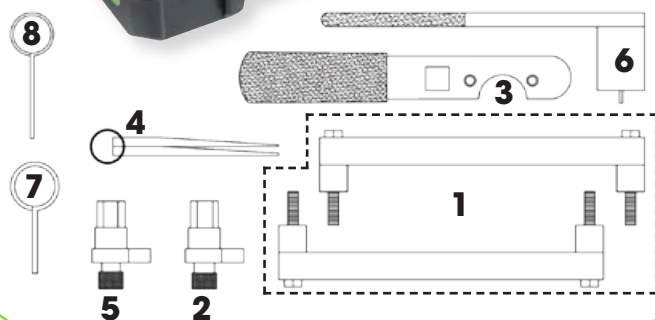
Models:

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 Land Rover TD5

Models: LAND ROVER: Defender, Discovery II

Engine: 2.5 Diesel

Engine code: 10P, 15P, 16P

CODE	
FG 192/LR2	



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	

