



Item	Description	OEM No.	
		Vauxhall	Opel
A	Locking Pin	EN-6349/EN-6130	
B	Camshaft sprocketfixing tool	EN-51143	
C	Crankshaft alignment tool w/screws	EN-51140	
D	Tensioner pin	EN-50513	
E	Camshaft Sprocket Supports	EN-51188	

AT72B381

ENGINE TIMING TOOL KIT – VAUXHALL/OPEL 1.6 CDI

Introduction:

This kit provides the essential tools required to set and time the main engine components when replacing the camshaft drive chain.

The new engine design has also meant the need for a new engine timing kit. In 2013 Opel/Vauxhall launched a new 1.6 ecoFLEX diesel engine across their range.

Application:

Manufacturer	Model	Engine Code	year
Opel/ Vauxhall	Astra-J	LVL/B16DTH	2013-2016
		LVM/B16DTL	
	Meriva-B	LVL/B16DTN	
		LVM/B16DTC	
	Mokka	LWQ/B16DTE	
Zafira-C Tourer	LVL/B16DTJ		



AT72B382

ENGINE TIMING TOOL KIT FOR VAG 1.0 1.2 1.4

Introduction:

This kit is for the latest generation FSI VAG petrol engines fitted to Audi, Seat, Volkswagen and Skoda models include the new 1.4t CoD engine. The CoD (Cylinder on Demand) feature is used in the modern turbocharged petrol engine that has a Cylinder Cut Off system which reduces from 4cylinders to 2 cylinders when cruising – giving better miles per gallon.

Including: Audi: A1/A Sportback, A3 Sedan, A3 Cabrio, A3 Saloon, A3, A3 Sportback, Q3 Seat Leon, Leon ST, Ibiza, MII, Skoda Fabia S111 and Estate, Octavia 111, Yeti, Outdoor, Citigo. Volkswagen Golf V11, Golf V1 Cabrio, Up!, Jetta, Passat, Polo, Golf SV, Sportsvan, Golf V11, Estate.

Engine Code	
1.0	CHYA, CHYB, CPGA
1.2	CJZA, CYVB, CJZB, CYVA, CJZC, CJZD, CYVD
1.4	CZCA, CXSB, CMBA, CXSA, CPWA, CHPB, CHPA, CUKB, CRJA, CUKC, CZDA, CPVA, CPVB, CPTA, CZEA

Item	Description	OEM No.
A	Crankshaft Locking Pin	T10340
B	Camshaft Clamp	T10477
C	Camshaft Lock Tool	T10494
D	Camshaft Sprocket Locking Tool	T10476
E	Camshaft Positioning Tool	T10504
F	Camshaft Timing Pin	T10504.1
G	Camshaft Timing Check Pin	T10504.2
H	Tensioner Adjuster	T10264
I	Tensioner Adjustment Tool	T10489



AT72B384

ENGINE TIMING TOOLS FOR JAGUAR/LAND ROVE

Introduction:

Suitable for Jaguar Land Rover 2.0 petrol chain drive engines.

Kit includes crankshaft pulley and crankshaft senso positioning tools. Comprehensive instructions and warning tag are included. Supplied in storage case.

Item	Description	OEM No.	
		Jaguar	Land Rover
A	Camshaft Alignment Tool	303-1600	303-1600
B	Crankshaft Pulley Positioning Tool	303-1595	303-1595
C	Flywheel Locking Tool	303-1594	303-1594
D	Crankshaft Locking Pin	303-748	303-748
E	Crankshaft Position Sensor Alignment Tool	303-1521	303-1901A

Applications:

Jaguar XE 2015>2016, XF 2012>2015 GTDi, XJ 2013>2016 GTDi
Plus: Land Rover Discovery Sport 2015>2016, Si4, Freelander 2 2012>2015 Si4. Range Rover Evoque 2011>2016 Si4
Engine code 204PT



AT72B385

DIESEL ENGINE TIMING OVERHAUL KIT- ALFA ROMEO,FIAT,FORD,LANCIA,SUZUKI, VAUXHALL/OPEL 1.3 JTD/CDTi/DDiS/TDCi – CHAIN DRIV

Introduction:

This range of Fiat 1.3 16v diesel engines, used by a number of vehicle manufacturers, are all twin camshaft, common rail diesels. The chain drive connects the crankshaft to the exhaust camshaft which in turn is connected by gears to the inlet camshaft.

The overhaul kit is designed to minimize the level of disassembly so the cylinder head/camshafts can be removed without removing the front-end timing cover, sprockets and timing chain.

Manufacture	Engine Code
Alfa Romeo	199A3.000, 199B1.000
Citroen	FHZ(F13DTE5)
Fiat	169A1.000, 169A5.000, 188A8.000, 188A9.000, 199A2.000, 199A3.000, 199A9.000, 199B1.000, 199B2.000, 223A9.000, 263A2.000
Ford	169A1.000(FD4)
Lancia	188A9.000, 199A2.000, 199A3.000, 199B1.000, 843A2.000
Peugeot	(FHZ)F13DTE5
Suzuki	D13A, Z13DT, Z13DTJ
Vauxhall/Opel	A13DT, A13DTE, A13DTR, D13A, LDV/A13DTC, LSF/A13DTE, Y13DTH, Z13DT, Z13DTH, Z13DTL, Z13DTJ, Z13DTR

Item	Description	OEM No.						
		Alfa/Fiat/Lancia	Ford	Suzuki	GM	Citroen	Peugeot	
A	Camshaft Setting Tools (Pair)	1.871.00.900	303-1472	09917-686 10	EN-46781	104-A	0198-J	
B	Flywheel Locking Pin	N/A	N/A	09916-986 10	EN-46785	N/A	N/A	
C	Flywheel Locking Pin	N/A	N/A	09912-383 00	N/A	N/A	N/A	
D	Crankshaft Pulley Flange Holder	1.871.000.200	N/A	09912-463 10	KM-662-C	N/A	N/A	
E	Camshaft Holding Tool	1.871.008.600	303-1475	09917-682 21	N/A	N/A	N/A	
F	Tensioner Locking Pin	N/A	N/A	N/A	N/A	N/A	N/A	
G	Timing Chain Tensioner Tool	1.870.900.400	303-1469	N/A	KM-955	N/A	N/A	