

LASER[®]

6617

Engine Timing Tool Kit

Vauxhall/Opel 1.6 CDTi

Instructions



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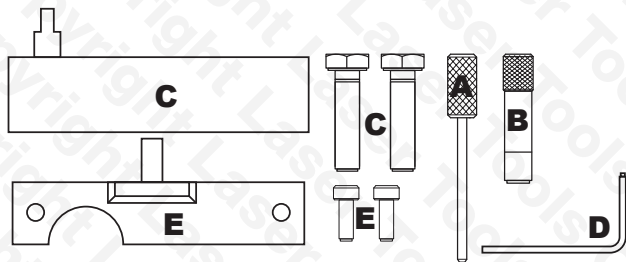
6617 - Diesel 1.6 CDTi – Vauxhal/Opel (2013 on)

- In 2013 Opel/Vauxhall launched a new 1.6 ecoFLEX diesel engine across their range. The new engine design has also meant the need for a new engine timing kit.
- This kit provides the essential tools required to set and time the main engine components when replacing the camshaft drive chain.

Applications

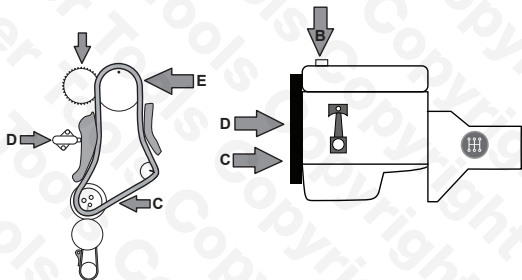
Make, Model, Year, Variant				Engine Code
Opel/Vauxhall	Astra-J	2013 to 2018	CDTi ecoFLEX	1.6
	Astra-K	2015 to 2018		B16DTC
	GTC	2015 to 2018		B16DTE
	Insignia- A	2015 to 2017		B16DTH
	Meriva-B	2013 to 2017		B16DTJ
	Mokka	2014 to 2016		B16DTL
	Mokka X	2016 to 2018		B16DTN
	Zafira-C Tourer	2013 to 2018		B16DTR
				B16DTU

Components



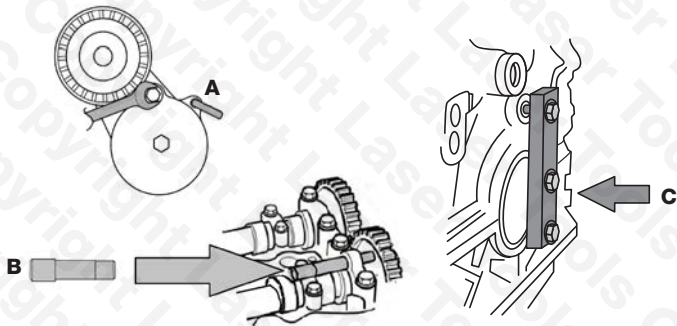
Ref	Code	OEM Number	Description
A	C275	EN-6349 EN-6130	Auxiliary Drive Belt Tensioner Locking Pin
B	C739	EN-51143	Camshaft Alignment Setting Pin
C	C740	EN-51140	Crankshaft Alignment Tool + Screws
D	C774	EN-50513	Tensioner Locking Pin
E	C741	EN-51188	Camshaft Sprocket Holding Tool + Screws





Instructions

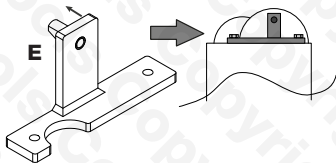
- Initial alignment – align the camshaft marks at the 12 o'clock position.
- Align the crankshaft and idler gear marks.
- Align the high pressure pump mark as shown.
- Fit the crankshaft alignment tool (**C**) and camshaft alignment pin (**B**).



Component **E** is used to support the camshaft drive sprocket and maintain the chain tension and position while the camshaft can be removed for service or replacement without disturbing the cam chain.

It is bolted to the cylinder head so that the peg supports the camshaft drive sprocket and chain.

Note: do not loosen or tighten against component **E**, use an appropriate sprocket holding tool to torque against when loosening or tightening the cam chain sprocket.



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If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

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Safety First. Be Protected.

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Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.



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Related K-Type Numbers

58793	107480	115686	123405
58825	107482	115846	126598
100491	107526	115849	126599
100492	107527	115854	126611
100493	109346	115855	126612
100498	109994	115856	126633
100543	109998	117722	126634
100548	110023	117723	128680
100549	110024	117725	128681
100738	115417	117726	128734
100832	115675	117727	128918
100833	115676	117741	128919
100854	115678	117742	129024
100855	115679	117743	129026
100856	115681	117744	129027
105581	115682	119064	
106593	115684	119065	
107479	115685	123367	