

LASER®

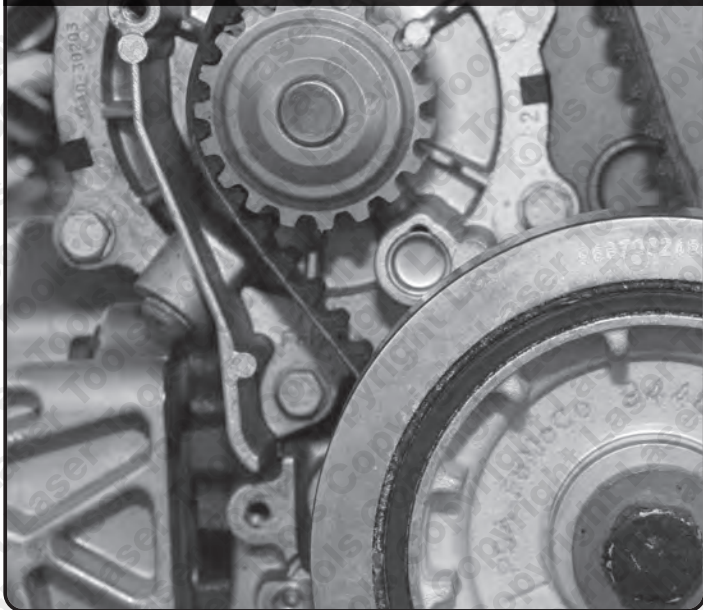
Part No. 6912

Instructions

Engine Timing Chain Tool Kit



- for Vauxhall/Opel 2.0 CDTI



Please refer to www.lasertools.co.uk/toolpoint
to check the most up to date product applications.

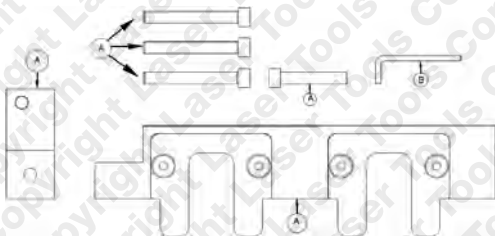
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Introduction

Developed to allow the user to lock the camshafts of the vehicles listed in to their "timed" position for the removal and replacement of the camshaft drive chain within the head and removal of the camshafts.

**N.B: Additional tooling is required if the timing belt is to be replaced to lock the crankshaft and camshaft belt sprockets, please see Laser 6911 for additional tools.

Components



Ref.	Code	OEM Ref	Description
A	C807	EN-51415	Camshaft Alignment Tool
B	C282	EN-51418	Tensioner Locking Pin

Applications

Make, Model, Year			Engine Codes
Vauxhall/ Opel	Antara	2016 - 2018	2,0 CDTI
	Cascada	2015 - 2018	LFS/B20DTH
	Insignia-A	2014 - 2017	LFS/B20DTR
	Insignia-A Country Tourer	2014 - 2017	LFS/D20DTH
	Insignia-B	2017 - on	LFO/D20DTR
	Insignia-B Country Tourer	2017 - on	
	Zafira-C Tourer	2014 - 2019	

Always refer to the website for most up to date applications: www.lasertools.co.uk/product/6912

Instructions

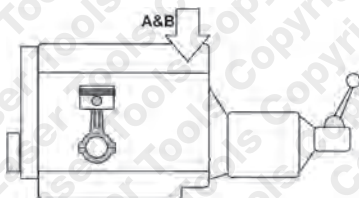
The following instructions are for guidance only. Please refer to OEM derived data such as the vehicle manufacturers' own data or Autodata.

The use of this engine timing tool kit is purely down to the user's discretion and The Tool Connection Ltd. cannot be held responsible for any damage caused whatsoever.



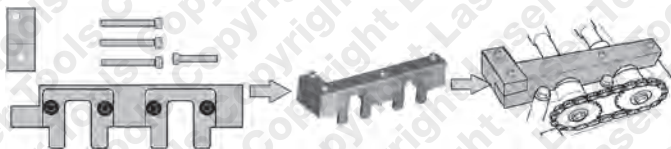
Preparation:

To dismantle the cylinder head and remove the camshafts the camshaft drive belt must first be removed. See additional tool required in Laser 6911.



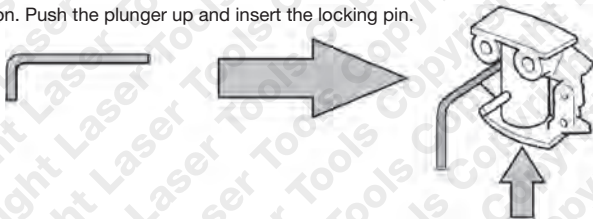
Components A = Camshaft Alignment Tool

Use component A to lock the camshafts in their timed position prior to removal of the camshaft transfer chain.



Component B = Tensioner Locking Pin

Component B is used to lock the chain tensioner in its retracted position. Push the plunger up and insert the locking pin.



Safety Warnings - please read

- If the engine has been identified as an Interference engine, damage to the engine will occur if the timing belt has been damaged. A compression check of all the cylinders should be taken before the cylinder head (s) are removed.
- Do not turn crankshaft or camshaft when the timing belt/chain has been removed.
- To make turning the engine easier, remove the spark plugs/glow plugs or injectors.
- Observe all tightening torques.
- Do not turn the engine using the camshaft or any other sprocket.
- Disconnect the battery earth lead (check Radio code is available).
- Do not use cleaning fluids on belts, sprockets or rollers.
- Some toothed timing belts are not interchangeable. Check the replacement belt has the correct tooth profile.
- Always mark the belt with the direction of running before removal.
- Do not lever or force the belt onto its sprockets.
- Do not use timing pins to lock the engine when slackening or tightening the crankshaft pulley bolts.
- ALWAYS REFER TO A REPUTABLE MANUFACTURERS WORKSHOP MANUAL.



Safety First. Be Protected.

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

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.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



When you have finished with this tool please recycle it

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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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