

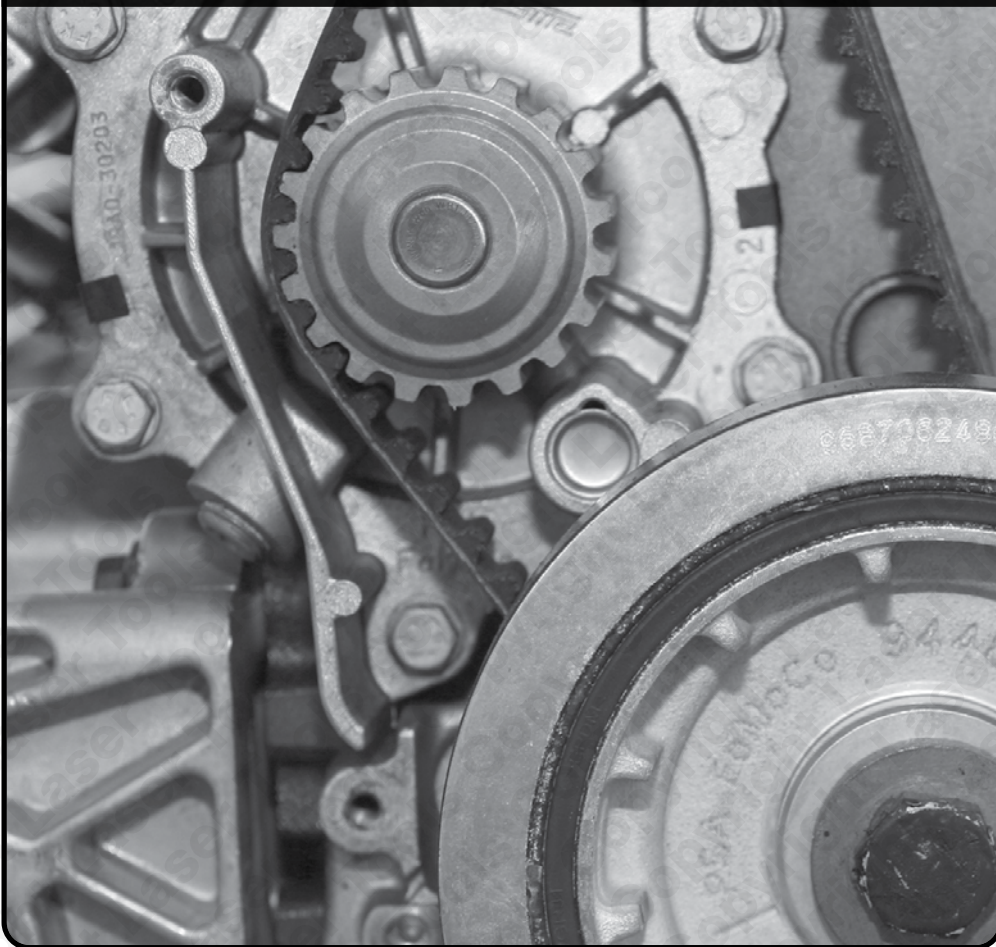
LASER®

Part No. 8132

Instructions

Engine Timing Tool Kit

Renault 1.5 Blue dCi



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

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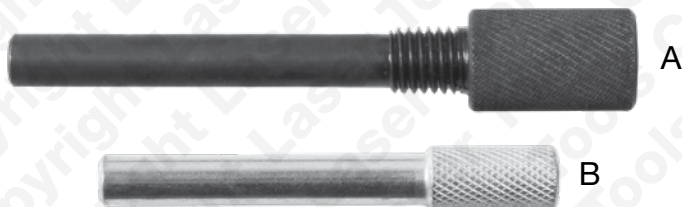
Introduction

The Laser 8132 Timing pin set provides the two essential timing pins required for the post 2018 1.5 Renault dCi Blue diesel engines found across the Renault and Dacia ranges. For pre 2018 engines use Laser 4020.

- Applications include: Dacia Docker, Duster, Lodgy, Logan, Sandero (from 2018); Renault Kadjar, Megane IV, Scenic/Grand Scenic IV (from 2018), Kangoo/Grand Kangoo II (from 2019).
- Engine codes include: AdBlue® Equiped 1.5L Blue dCi K9K 872, K9K 873.
- Equivalent to OEM MOT-2196, MOT-1430.
- Use in accordance with OEM instructions.
- For pre 2018 K9K engines, see Laser Part No. 4020.

The information given below is for reference only. Laser Tools recommends the use of Manufacturer data. Laser Tools cannot be held responsible for damage to engine or personnel whilst using this tool kit.

Components



Ref.	Code	OEM Ref.	Description
A	C964	MOT.2196	Crankshaft Timing Pin
B	C101	MOT.1430	Camshaft Timing Pin

Applications

Marque, Model, Year			Engine Codes
Dacia	Docker	2018 - on	1,5 K9K 872 K9K 873
	Duster	2018 - on	
	Lodgy	2018 - on	
	Logan	2018 - on	
	Sandero	2018 - on	
Renault	Kadjar	2018 - on	
	Kangoo/Grand Kangoo II	2019 - on	
	Megane IV	2018 - on	
	Scenic/Grand Scenic IV	2018 - on	

Always refer to the website for most up to date applications: www.lasertools.co.uk/product/8132

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.

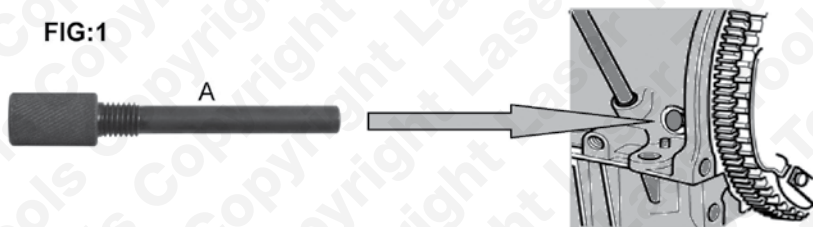


- Remove the crankshaft pulley.
- Belt replacement requires the removal of the right hand engine mount and lower engine tie bar. Ensure the engine is supported before proceeding.
- Remove timing belt covers.

Component A – Crankshaft Timing pin

- Temporarily refit the crankshaft bolt using a suitable spacer and turn the crankshaft clockwise until the camshaft timing marks and pin hole are almost aligned – **stop before completely aligned.**
- Remove the crankshaft timing pin blanking plug located in the front of the engine block between the flywheel and oil dipstick. Screw in the crankshaft timing pin – see figure 1.

FIG:1



- With (A) fully screwed in turn the crankshaft clockwise until the crankshaft web contacts (A).

Component B – Camshaft Timing Pin.

- With the camshaft timing holes now aligned fit the camshaft timing pin (B).
- When fitting a new timing belt ensure that all the sprockets are aligned according to the manufacturer's instructions.

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.

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.



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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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