Part No. 8946

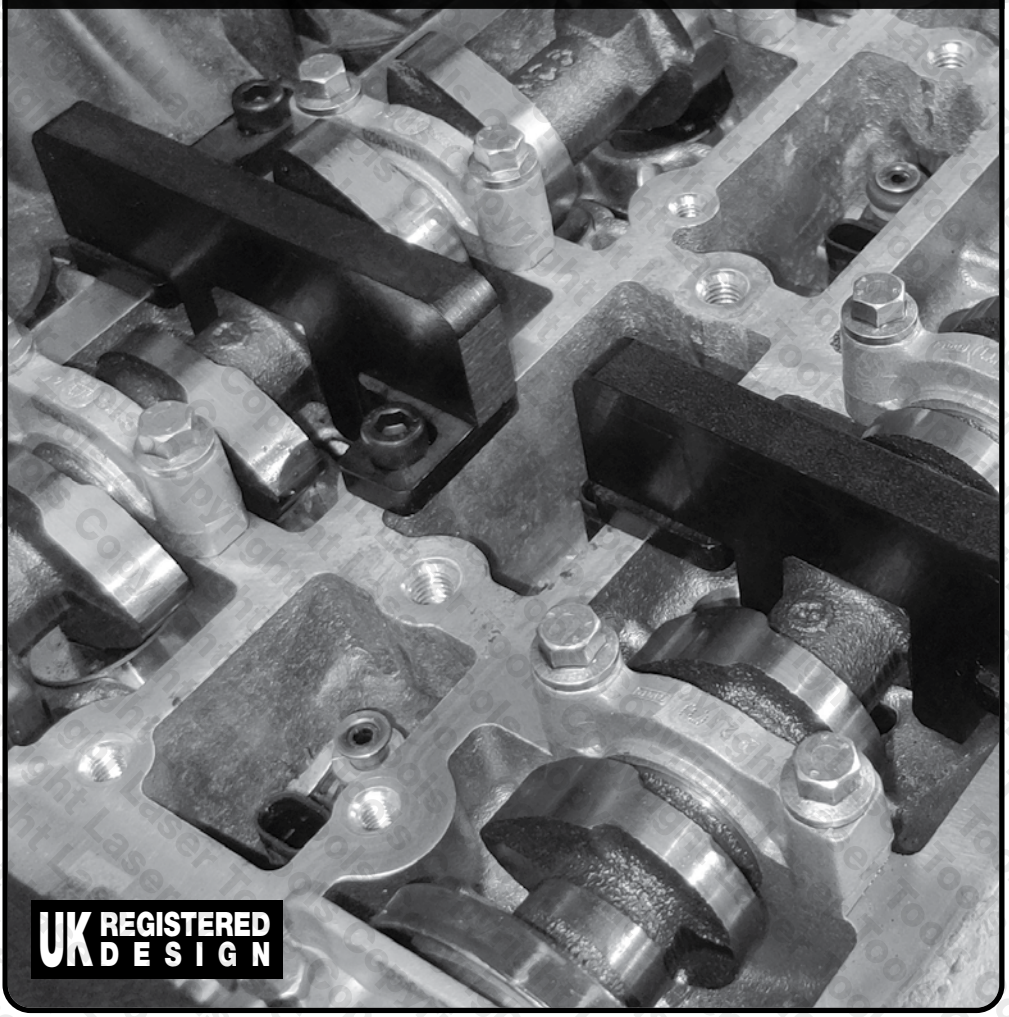
LASER®

Instructions

Camshaft Setting Bridge

for 1.0 Wet Belt Non-Turbo Ford Petrol

MADE IN SHEFFIELD



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Description

Designed specifically for the 1.0 litre 3 cylinder normally aspirated petrol engine from Ford. Our specially designed, cam locking bridges offer an easy to use and more positive method of locking the camshaft than even the OEM tools can offer, ensuring the camshafts are securely locked in position quickly and easily.

Use with components from any of the following Laser Tools ecoboost locking kits (6952, 7828 or 8239).

- Applications include: Ford Fiesta (From 2013)
- 1.0lt Non Turbo petrol engine codes: P4JA, P4JB, P4JC, P4JD, XMJA, XMJB, XMJC, XMJD.
- For setting of the VCT (Variable Camshaft Timing) units, please use Laser Part No. 6291.
- Use with Laser 7318 and 6291.

NOTE = for 1.0 non-turbo engine only.*

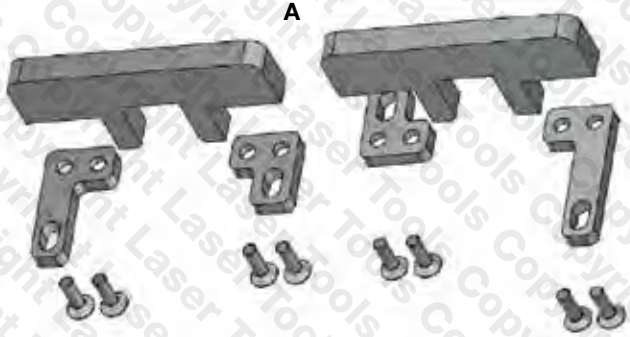
The information given below is for reference only. Laser Tools recommends the use of Manufacturer data or Autodata. Laser Tools cannot be held responsible for damage to engine or personnel whilst using this tool kit.

Applications

Make	Model	Year
Ford	Fiesta	2013 to 2017

Engine Codes
1.0LT
P4JA
P4JB
P4JC
P4JD
XMJA
XMJB
XMJC
XMJD

A



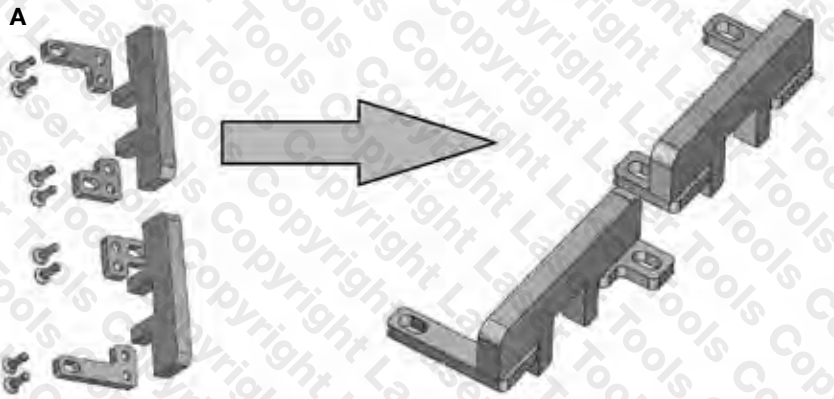
Item	Comp. No.	Description	OEM.
A	C1070	Camshaft timing tools & fixings	303-1605*

Instructions for use

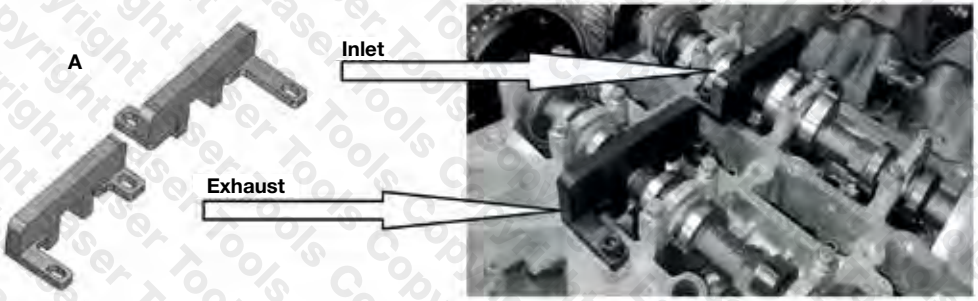
- Always refer to manufacturer specific data and instructions.
- N.B. the camshaft drive belt on the Ford 3 Cylinder 1.0lt engine is “oil bathed”. The front engine casing must be removed to gain access.
- Turn engine to TDC number one before disassembly of engine.
- Remove starter motor and use component A to hold the flywheel when undoing the crankshaft pulley bolt.

Component A:

Used to lock the camshafts in their timed position independently of their pulleys. With the engine locked at TDC cylinder number 1 assemble the components for A as shown below.



Fit the assembled camshaft components A over the square section of the camshafts ensuring the holding tools seat on the surface of the cylinder head. Fit fixing bolts hand tight.



N.B. On engines equipped with VCT, if the VCT pulleys require removal or loosening ensure their initial position is marked with chalk or paint. Additional tooling will be required to set the position of the VCT pulleys, see Laser 6291.

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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