

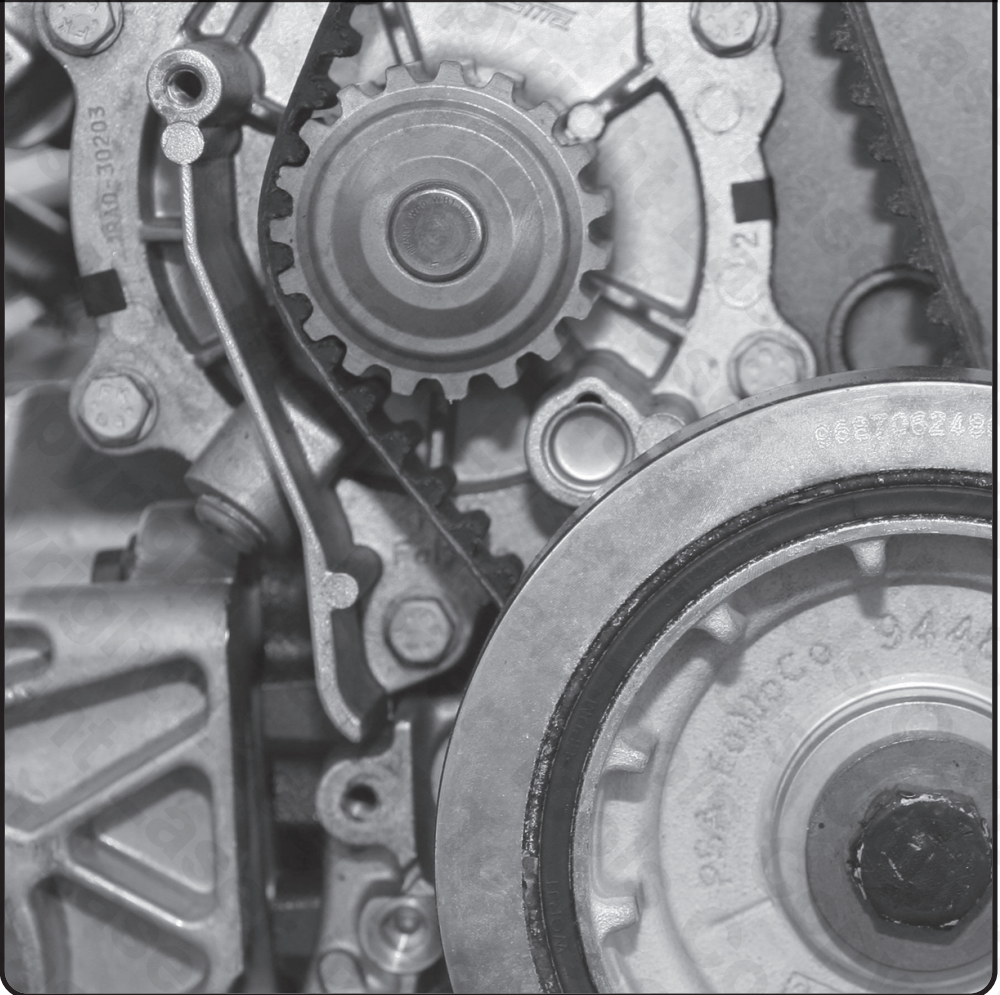
Part No. 4408

LASER[®]

Instructions

Engine Timing Tool Kit

MINI One, Cooper, Cooper S

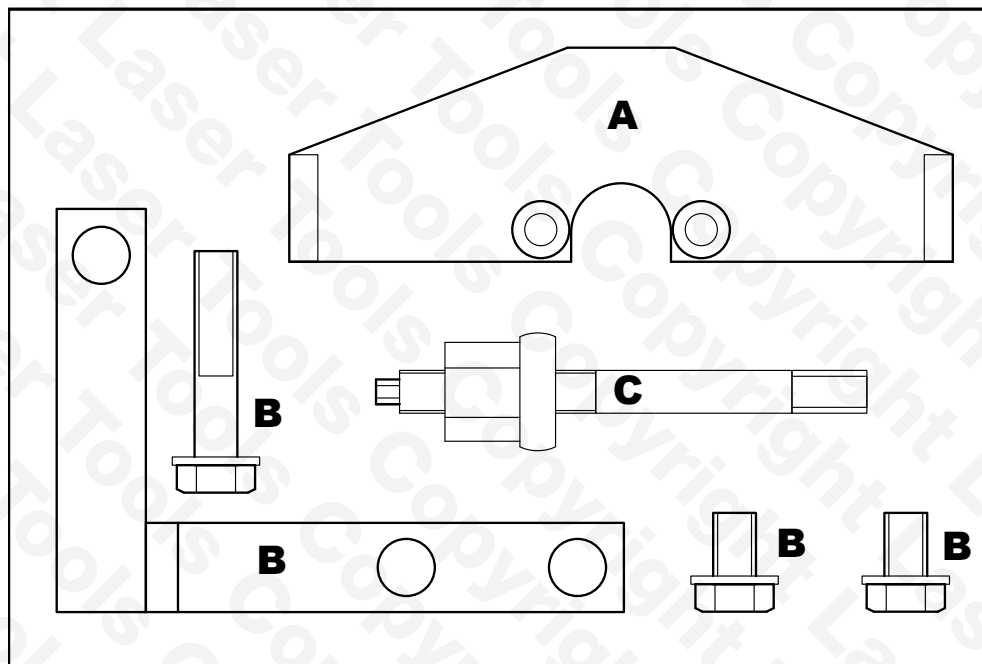


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Introduction

Specifically designed for the pre 2009 MINI range including the MINI One, Cooper, Cooper S & JC Work models fitted with the naturally aspirated and supercharged petrol, chain driven engines.

Components



Ref.	Code	OEM Ref.	Description
A	C352	11 8 250	Camshaft Sprocket Holding Tool
B	C353	11 8 370	Engine Support Bracket
C	C354	11 8 240	Tensioner Assembly Tool

Applications

Make, Model, Year			Engine Codes
MINI	One	2001 - 2009	W10B16AA
	Cooper		W10B16BA
	Cooper S		W11B16AA
	JC Work		

Always refer to the website for most up to date applications:
www.lasertools.co.uk/product/4408

Warning – Incorrect or out of phase engine timing can result in damage to the valves. It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions.

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.

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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.

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

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