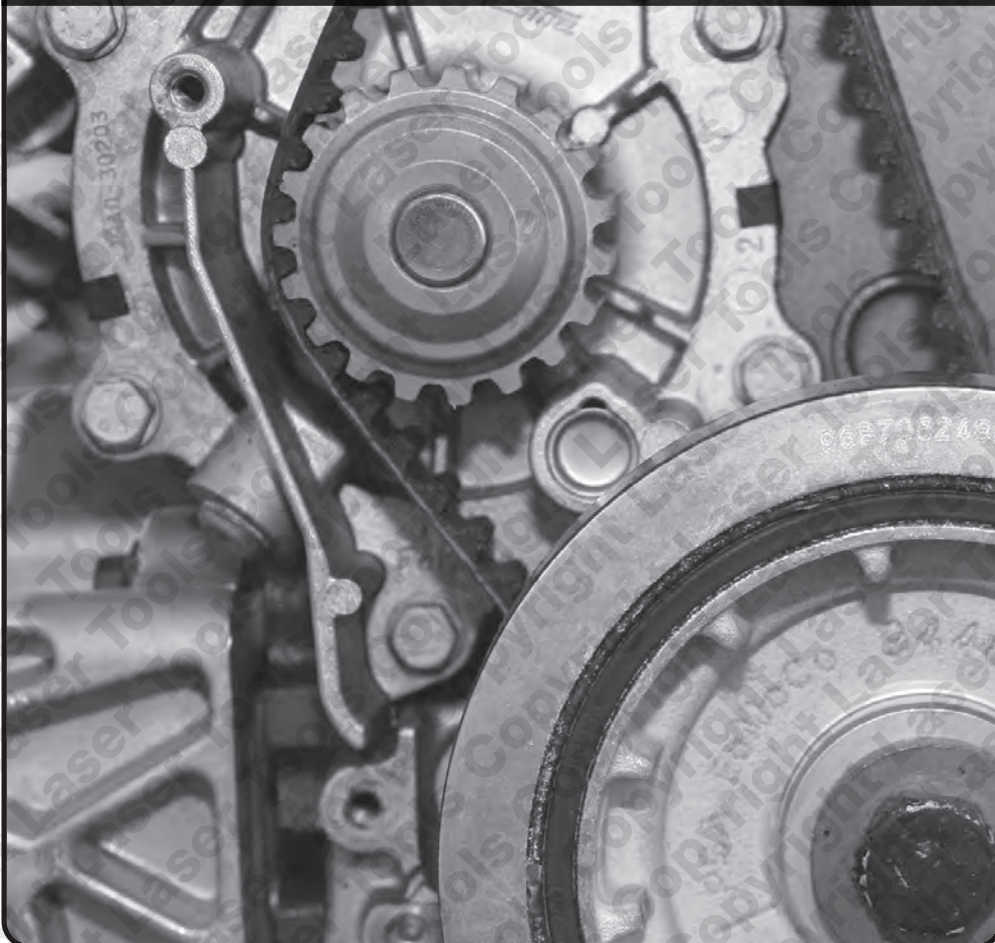


LASER[®]

Part No. 5503

Instructions

Engine Timing Tool Kit Honda Petrol Engines (belted)



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

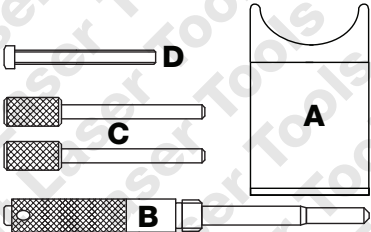
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Introduction

This tool kit has been introduced to offer a smaller alternative to the Laser 4897 master kit. It has been designed to offer not only the special tools listed by Honda for the applications listed but also the correctly sized M6 bolt that is required to lock the sprung loaded cam belt tensioners found on many of the listed applications.

NB Some applications may call for the use of a crankshaft pulley holding tool. Laser offer two Crankshaft Pulley Holding tools separately list as 3760 and 3729

Components

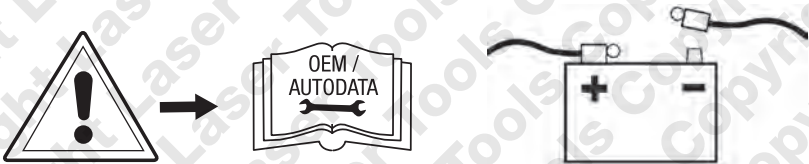


Ref.	Code	OEM Ref	Description
A	C559	14540-P13-003	Tensioner Clamp
B	C191	07LAG-PT20100 18G1671	Balancer Shaft Locking Tool
C	C089	07744-0010400	Camshaft Locking Pins x 2
D	C067	M6 Bolt	M6 Setscrew

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.

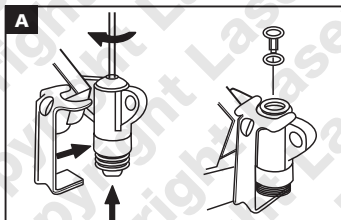


Instructions

Component Descriptions

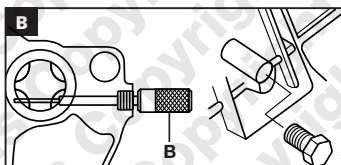
Components A

Component (A) is used to hold the cam belt tensioner in its compressed state whilst removing and fitting the belt. Particularly relevant to the H22A2/5/6 and 8 engines.



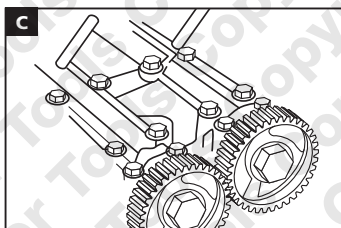
Components B

A specially designed pin used to lock the balancer shaft. The access point is in the side of the block as shown



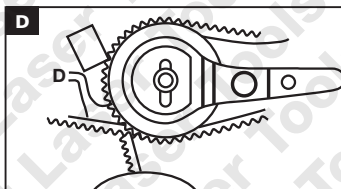
Components C

Used to lock the camshafts in their set position on twin cam engines.



Components D

M6 Setscrew designed to clamp the belt tensioner in its retracted position. (Swing type tensioner)



Applications

Make, Model, Year			Engine Codes		
Honda	Accord MkV	1993 - 1998	1.6	F20B5	H22A2
	Accord MkVI	1998 - 2003	B16A1	F20B6	H22A5
	Civic/CRX	1990 - 1995	B16A2	F20B7	H22A7
	Prelude MkIV	1992 - 1996	1.8	F20Z1	H22A8
	Prelude MkV	1997 - 2001	F18A2	F20Z2	2.3
	Shuttle/Odyssey	1995 - 2003	F18A3	F20Z3	F23A7
			F18B2	2.2	F23Z5
			F18B4	F22A7	H23A2
			2.0	F22A8	H23A3
			F20A4	F22B5	3.0
			F20A7	F22B8	J30A1
			F20B3	F22Z2	

Always refer to the website for most up to date applications: www.lasertools.co.uk/product/5503

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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