

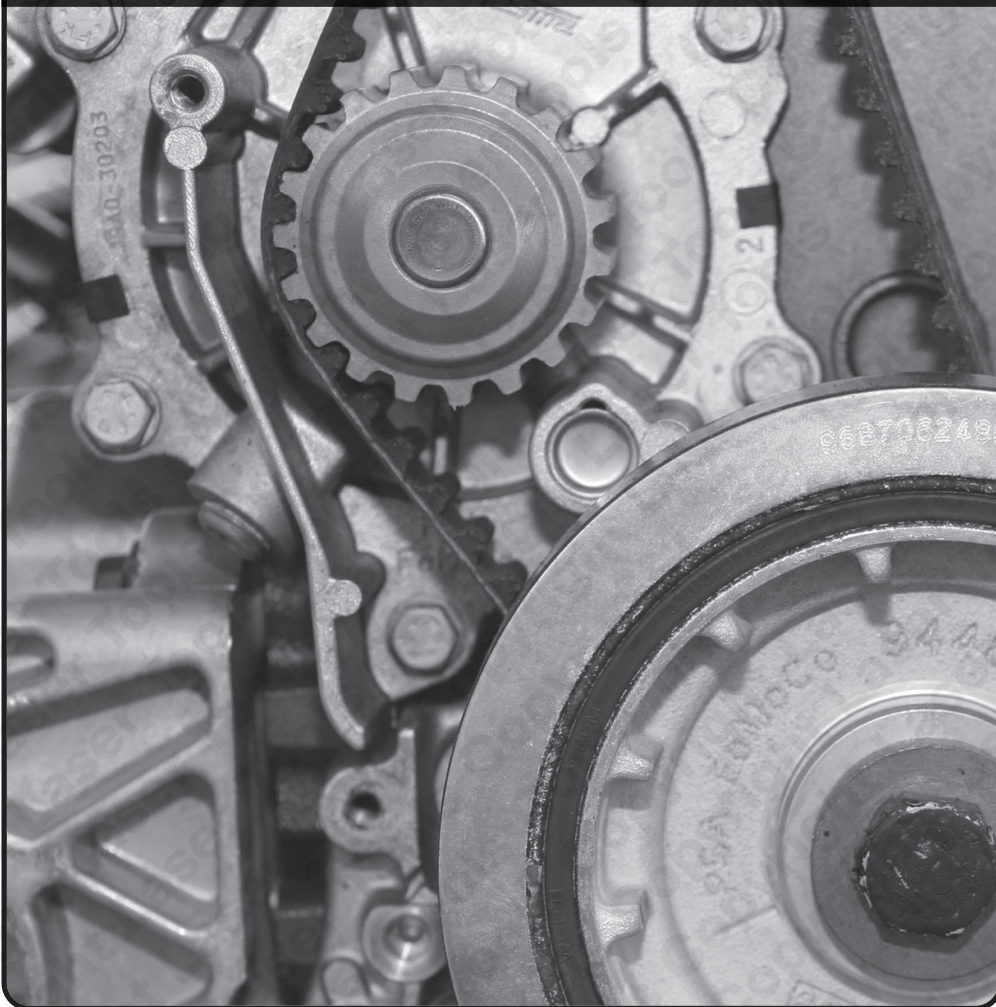
LASER[®]

Part No. 8367

Instructions

Engine Timing Tool Kit

Audi 2.5L TFSi



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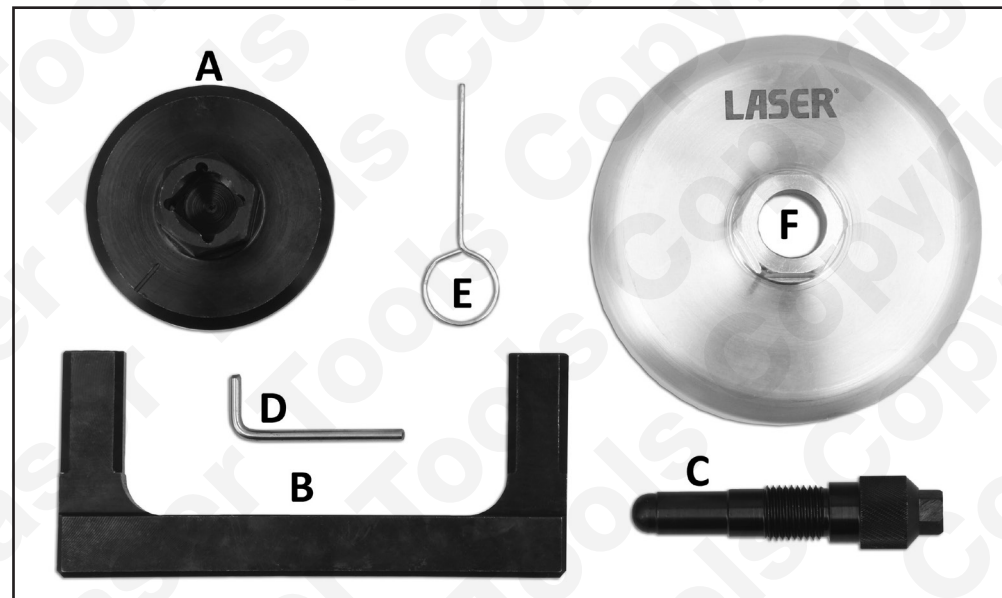
Introduction

Developed to allow the user to lock Audi 2.5L TFSi petrol engines in their “timed” position so that the camshaft drive chain can be safely removed and replaced or the engine timing checked. Includes the specially shaped camshaft adjuster holding tool specifically designed for the 2.5L engine with engine codes DAZA, DNWA.

- Applications include: Audi TT (2016 - 2018), Q3 & Q3 RS (2019-), RS3 Saloon (2016 - 2018) & RS3 Sportback (2016 - 2018).
- Specifically designed for engine codes DAZA & DNWA - 2.5L TFSi.
- Equivalent to OEM T03003, T40264/2A, T40069, T40011, T03006, T40297.
- Use in accordance with OEM instructions.

For earlier 2.5L TFSi engines, see Laser Part No. 6715.

Components



Ref.	Comp. Code	OEM Ref.	Description
A	C753	T03003	Crankshaft Pulley Bolt Adaptor
B	C914	T40264/2A	Cam Locking Tool
C	C357	T40069	Crankshaft Locking Pin
D	C284	T40011	Secondary Chain Tensioner Pin
E	C282	T03006	Primary Chain Tensioner Pin
F	C999	T40297	Camshaft Adjuster Holding Tool

Applications

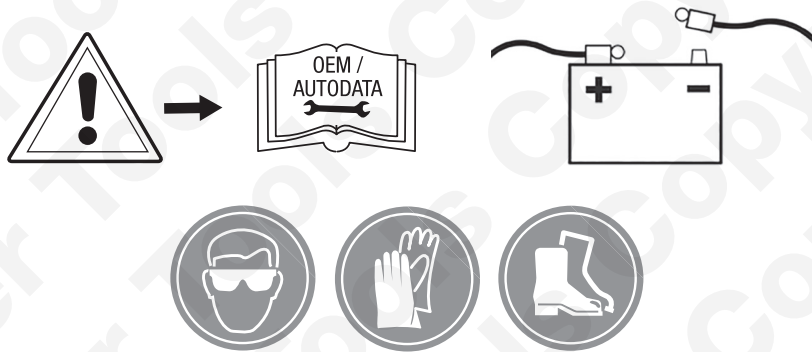
Manufacturer	Model	Type	Year	Engine Codes
Audi	RS3	(8VM/8VF)	2016 - 2021	2.5L TFSi
	RS Q3	(F3B/F3N)	2019 - on	DAZA
	TT	(FV3/FV9)	2016 - 2018	DNWA
	TT	(FVP/FVR)	2019 - on	

Always refer to the website for most up to date applications:
www.lasertools.co.uk/product/8367

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

NOTE:

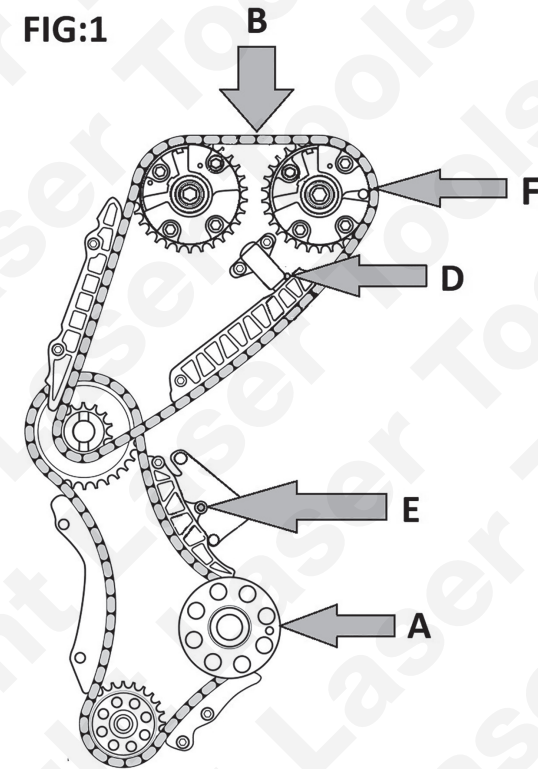
- Access to the timing chains requires engine and transmission removal.
- Ensure the engine timing marks are aligned as per OEM instructions.
- Set timing at TDC cylinder 1 ensuring the threaded holes through the camshafts face up.

Component A

Component A is used to turn the crankshaft when the front pulley has been removed.

Note: Turn engine in normal direction of rotation (unless otherwise stated).

FIG:1



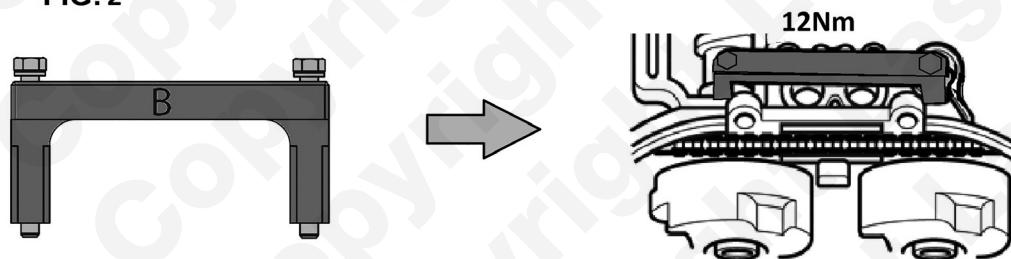
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Component B

With the camshaft and crankshaft aligned, fit the camshaft locking tool (B) as shown in figures 1 & 2.

Note: threaded holes in the camshafts must point up.

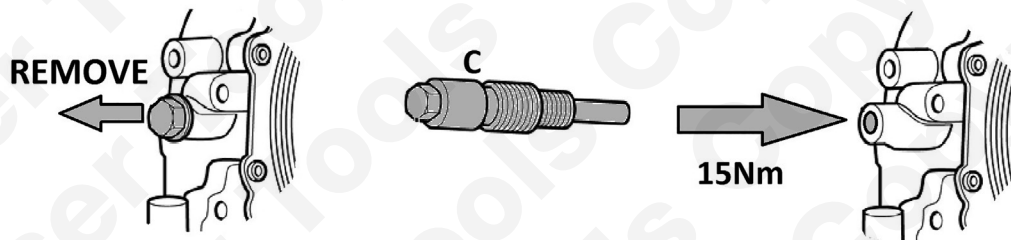
FIG:2



Component C:

Remove the blanking plug from the cylinder block and fit the crankshaft locking pin (C) as shown in figure 3.

FIG:3



Instructions

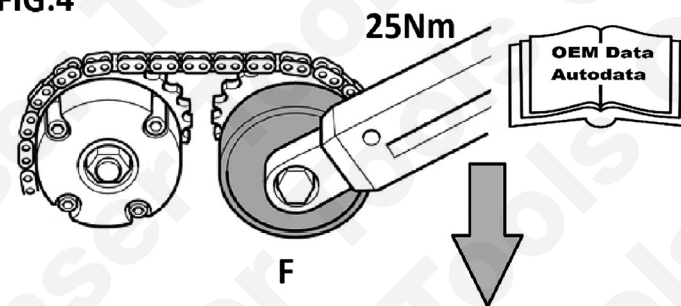
Components D & E:

Set both chain tensioners in their fully retracted positions using the chain tensioner locking pins (D & E) as shown in figure 1 above.

Component F

Use the camshaft adjuster holding tool (F) to hold the camshafts when loosening and tightening the sprocket fixings as well as for setting the VVT sprockets. Use in accordance with engine specific OEM data, see figure 4.

FIG:4



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.



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