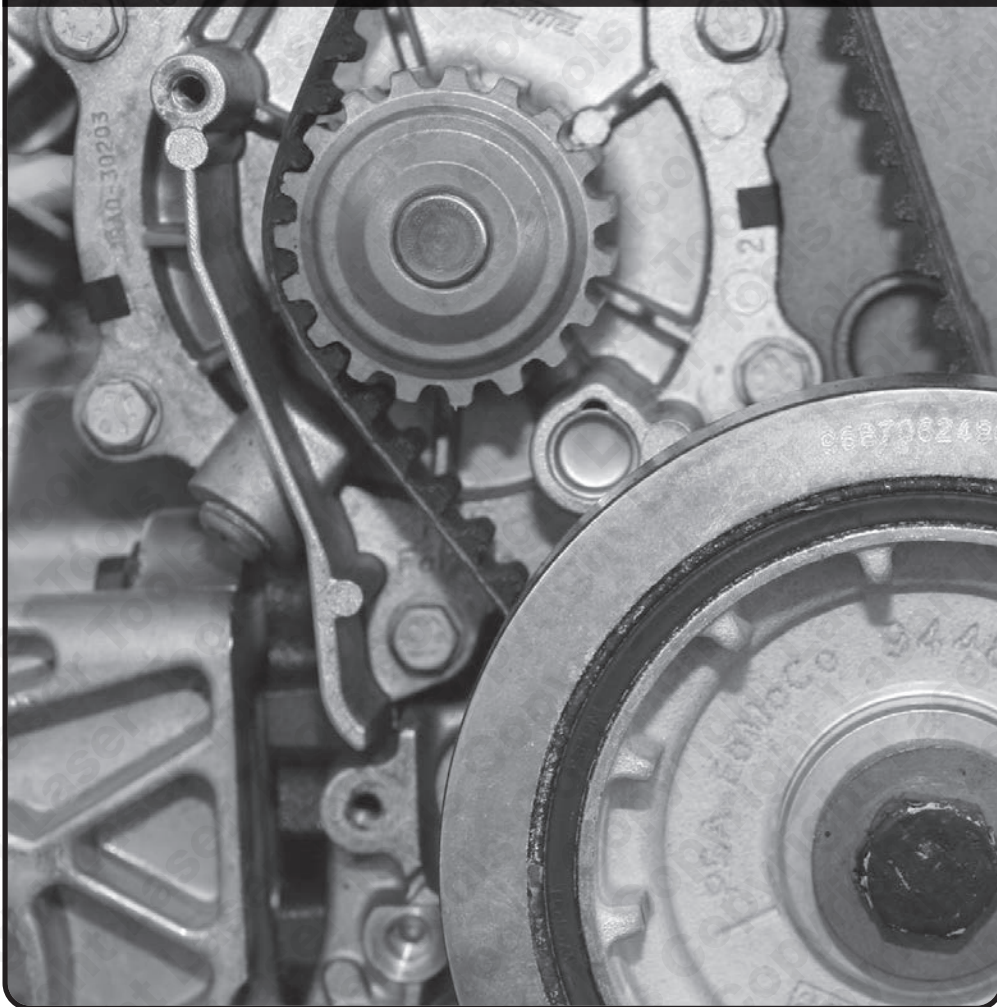


LASER[®]

Part No. 6715

Instructions

Engine Timing Tool Kit for Audi 2.5 RS3, Q3, TT



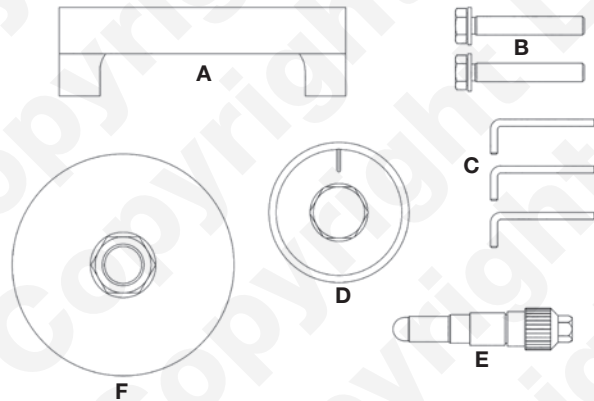
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Introduction

This timing tool kit provides the essential camshaft, crankshaft setting tools and camshaft adjuster holding tool to allow replacement of the camshaft drive chains on the 2.5 TFSi 5 cylinder petrol engines found in the Audi Q3, TT and RS3 models.

- The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufactures own data or Autodata.
- The use of these engine timing tools is the user's responsibility and Tool Connection cannot be held liable for any damage caused what so ever.

Components



Ref.	Code	OEM Ref.	Description
A	C356	T40070	Camshaft Locking Tool
B			M8 x 50mm Bolts x2
C	C282	T03006	Tensioner Pulley Locking Pin
D	C753	T03003	Crankshaft Pulley Bolt Adaptor
E	C357	T40069	Crankshaft Timing Pin
F	C754	T40079	Camshaft Adjuster Holding Tool

Applications

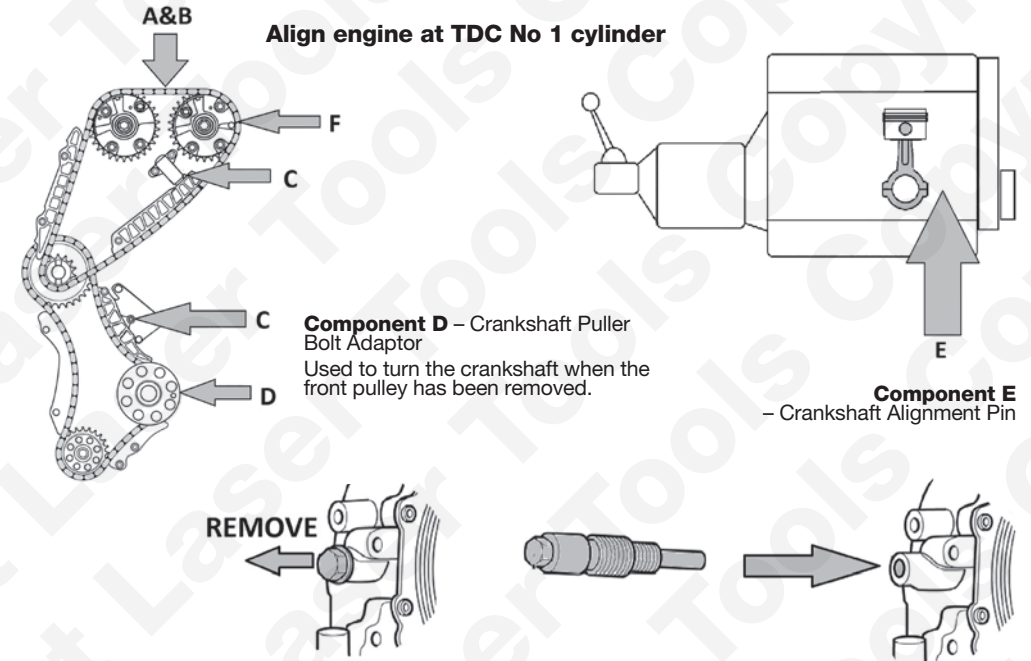
Marque, Model, Range, Year				Engine Codes
Audi	RS Q3	(8UB)	2013 - 2015	2,5 TFSI/RS CEPA CEPB CTSA CZGA CZGB
	RS Q3	(8UG)	2015 - 2018	
	RS3	(8PA)	2010 - 2013	
	RS3	(8VA)	2015 - 2017	
	TT	(8J3/8J9)	2009 - 2014	

Always refer to the website for most up to date applications:
www.lasertools.co.uk/product/6715

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.



Align engine at TDC No 1 cylinder

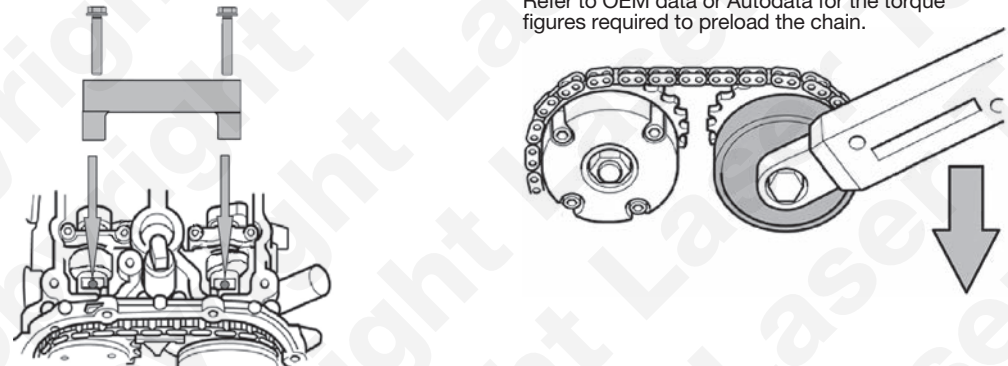
Component D – Crankshaft Puller Bolt Adaptor
Used to turn the crankshaft when the front pulley has been removed.

Component E – Crankshaft Alignment Pin

Components A & B – Camshaft Locking
Ensure the flats on the camshafts face upwards at TDC No 1 cylinder

Component F – Camshaft Adjuster Holding Tool

F is used to preload the timing chain with a torque wrench prior to tightening the camshaft pulleys. Refer to OEM data or Autodata for the torque figures required to preload the chain.



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.



www.lasertools.co.uk



Distributed by The Tool Connection Ltd
Kineton Road, Southam, Warwickshire CV47 0DR
T +44 (0) 1926 815000 F +44 (0) 1926 815888
info@toolconnection.co.uk www.toolconnection.co.uk

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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