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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.

7558\_Instructions\_V2

### 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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# LASER<sup>®</sup>

7558

## Engine Timing Kit

Audi 4.0L TFSI Petrol



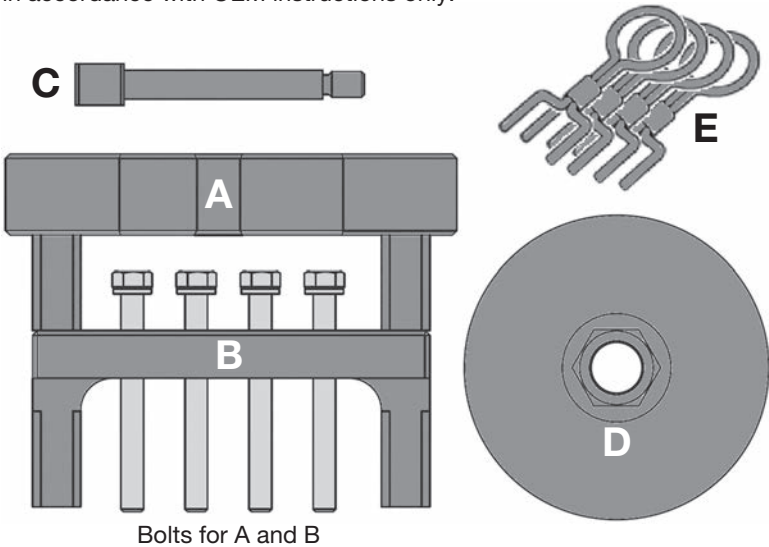
- Applications: Audi A8, RS6, RS7, S6, S7, S8 fitted with V8 4.0L TFSI petrol engines.
- Engine codes include: CEUA, CEUC, CGTA, CRDB, CTFA, CTGA, CTGE, CWUB, CWUC, DDTA.
- Equivalent to OEM T40262/1/2/3, T40269, T40071.
- For crankshaft turning tools see Laser Part No. 7559.
- Use in accordance with OEM instructions only.

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Components

This engine timing kit provides the tools required to lock the camshaft and crankshaft of the engines listed in their “timed” position so that the camshaft drive chains can be removed and the timing set or checked.

Note: Use in accordance with OEM instructions only.



Ref	Code	OEM	Description
A	C913	T40264/1	Camshaft Locking Tool
B	C914	T40264/2	Camshaft Locking Tool
C	C915	T40264/3	Crankshaft Timing Pin
D	C916	T40269	Camshaft Holding/Turning Tool
E	C358	T40071	Tensioner Pins x 4

Applications

Make	Model	Years
Audi	A8	2012-2018
	RS6	
	RS7	
	S6	
	S7	
	S8	
Engine Code		
3.0	CEUA, CEUC, CGTA, CRDB, CTFA, CTGA, CTGE, CWUB, CWUC, DDTA	

**Note:**

- Ensure the engine timing marks are aligned as per OEM instructions
- Set timing @ TDC ensuring the threaded holes through the camshafts face up.

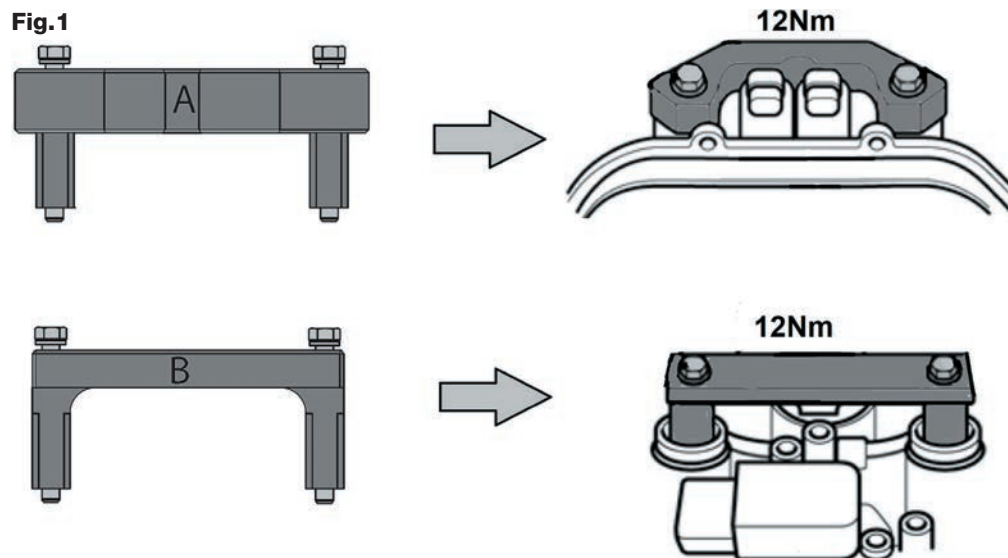
The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufactures own data or Autodata. The use of this engine timing kit is purely down to the user's discretion and The Tool Connection Ltd cannot be held responsible for any damage caused whatsoever.



## Instructions

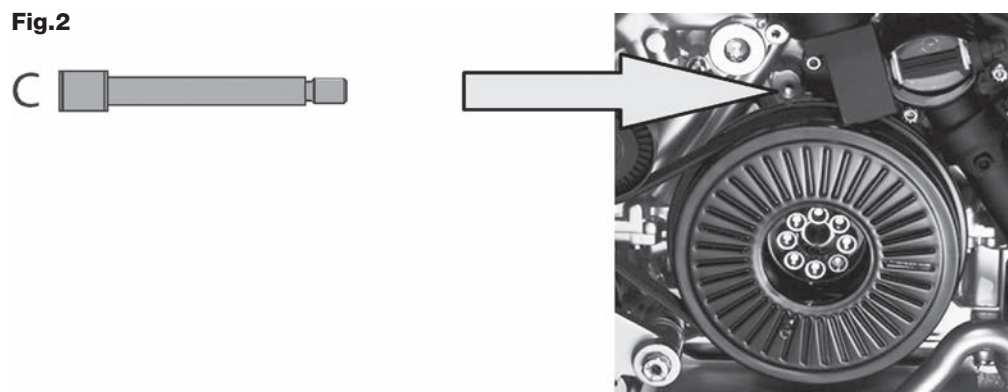
### Component A and B

Remove the camshaft blanking plugs from the top of the camshaft covers and fit the cam locking tools, as shown in Fig.1.



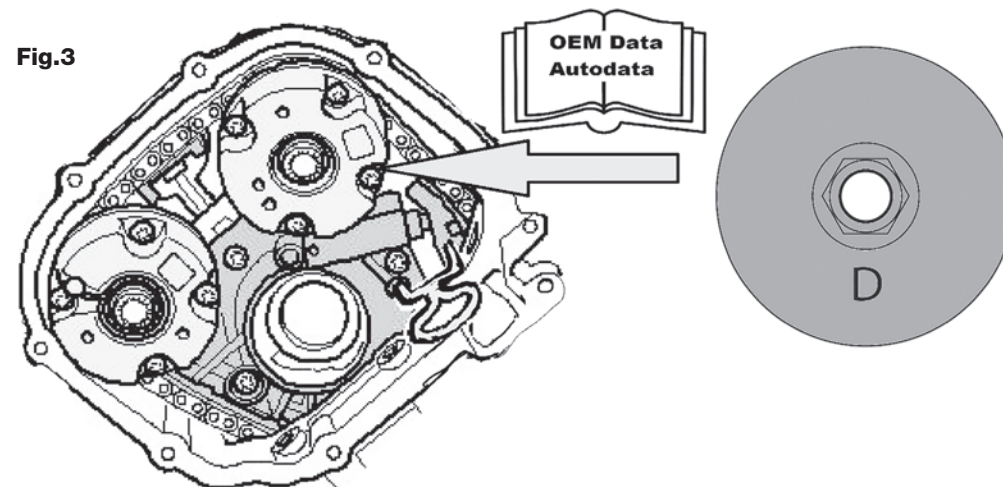
### Component C

Fit Crankshaft timing pin, as shown in Fig.2.



### Component D

Component D is used 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 Fig.3.



### Component E

Use component E to lock the camshaft chain tensioners, as shown in Fig.4.

