

9259

Crankshaft Locking Tool - JLR AJ200D Diesel



A uniquely designed method for locking the crankshaft on the engines listed in their timed position from the rear of the engine, while working on the timing chains and other components also located at the rear of the engine.

The OEM method of crankshaft locking requires the front pulley to be in place and removal of the compressor at the front of the engine. This tool does not lock at the front of the engine so reduces the need to work at the front of the engine.

APPLICATIONS:

Manufacturer	Model	Year	Engine Codes
Jaguar	E-Pace	2017 to 2024	2.0L
	F-Pace	2016 to 2024	AJ20/204DT AJ20/204DTY AJ20/204DTA AJ-200D/204DT
	XE	2015 to 2020	204DTY AJ-200D
	XF	2015 to 2021	AJ-200D/204DTA 204DT/204DH (AJ20D4) 204DTA (AJ20D4) 204DTA AJ200D AJ200/204DTD AJ200/204DTA 204DTD 204D3/TD4 AJ200D/204DTA AJ200D/204DTD
Land Rover	Defender	2019 to 2021	
	Discovery	2017 to 2021	
	Discovery Sport	From 2015	
	Freelander	2000 to 2006	
	Range Rover Evoque	From 2015	
	Range Rover Evoque Convertible	2016 to 2019	
	Range Rover Sport	2016 to 2018	
	Range Rover Velar	From 2017	

UK REGISTERED DESIGN

MADE IN SHEFFIELD

Instructions for use

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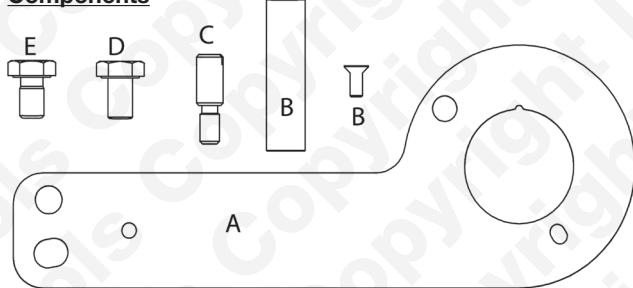
The instructions given overleaf are for guidance only. Please refer to OEM derived data such as the vehicle manufacturers' own data or Autodata.

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.



Basic component use: for full instructions please refer to OEM or Autodata instructions.

Components



Ref.	Comp. Code	Description	OEM Ref.
A		Crankshaft Alignment Tool Plate	
B		Handle & Fixing Screw	JLR-303-1630
C	C1111	Location Pin	(but for use at the back of the engine).
D		Crankshaft Screw	
E		Engine Casing Screw	

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Crankshaft Locking Tool

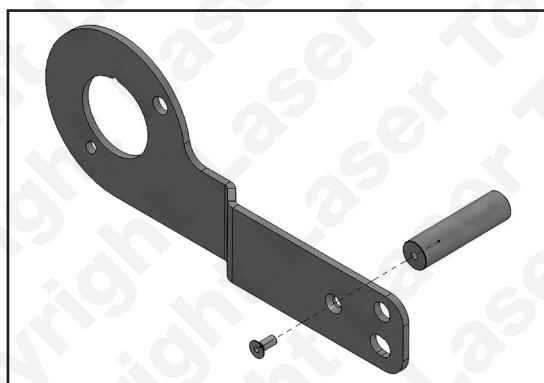
JLR AJ200D Diesel

Components A, B & D = Crankshaft Turning / Locking Tool

Used to turn and align the crankshaft.

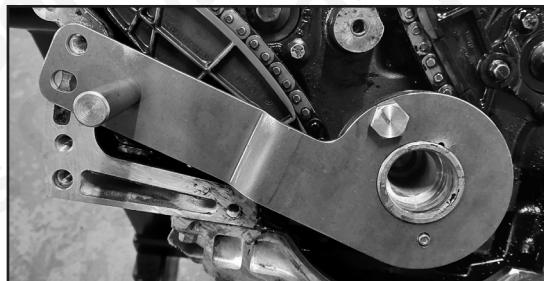
Bolt the handle (B) to the plate (A) using the countersunk screw (B) as shown in figure 1.

Fig: 1



Align the plate with the dowel on the crankshaft, affix using the bolt (D) as shown in figure 2.

Fig: 2



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.

NL BLOKKEERGEREEDSCHAP KRUkas – VOOR JLR AJ200D DIESEL

FR OUTIL DE BLOCAGE DE VILEBREQUIN – POUR MOTEUR DIESEL JLR AJ200D

DE KURBELWELLEN-ARRETIERWERKZEUG – FÜR JLR AJ200D DIESEL

IT ATTREZZO DI BLOCCAGGIO DELL'ALBERO MOTORE – PER MOTORI JLR AJ200D DIESEL

ES HERRAMIENTA DE INMOVILIZACIÓN DE CIGÜEÑAL – PARA AJ200D DIESEL

PT FERRAMENTA DE BLOQUEIO DA CAMBOTA – PARA MOTORES A DIESEL JLR AJ200D

PL NARZEDZIE DO BLOKOWANIA WAŁU KORBOWEGO – DO SILNIKÓW WYSOKOPRĘZNYCH JLR AJ200D

RO SCULĂ BLOCARE ARBORE COTIT – PENTRU MOTOARELE DIESEL JLR AJ200D

HU FÖTENGELYRÓGZÍTŐ SZERSZÁM – JLR AJ200D DÍZELMOTOROKHOZ

SE LÄSVERKTYG FÖR VEVAXEL – FÖR JLR AJ200D DIESEL

DK LÅSEVERKTØY TIL KRUMTAPAKSEL – TIL JLR AJ200D DIESEL

FI KAMPIAKSELIN LUKITUSTYÖKALU – JLR AJ200D DIESELIN

NO VEIVAKSEL-LÅSEVERKTØY – FOR JLR AJ200D DIESEL

Components C & E = Crankshaft Locking Tool

Used to lock the crankshaft into the timed position.

Turn the crankshaft using the tool until the alignment hole lines up with the hole on the engine casting as shown in figure 3.

Warning! You may have to remove the gearbox locating dowel if it is still in the engine casting.

Fig: 3



Once the plate is aligned, fasten the alignment peg (C) into the engine casting and then affix the plate using the bolt (E) to ensure the plate cannot move, as shown in figure 4.

Fig: 4a



Fig: 4b



Please refer to www.lasertools.co.uk/product/9258 to check the most up to date product applications.



Safety First. Be Protected.



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9259_Packaging_V1

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www.lasertools.co.uk

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