

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
	XE	2015 to 2020	AJ20/204DTA
	XF	2015 to 2021	AJ-200D/204DT 204DTY
Land Rover	Defender	2019 to 2021	AJ-200D
	Discovery	2017 to 2021	AJ-200D/204DTA
	Discovery Sport	From 2015	204DTD/204DH
	Freelander	2000 to 2006	(AJ20D4) 204DTA (AJ20D4)
	Range Rover Evoque	From 2015	204DTA
	Range Rover Evoque Convertible	2016 to 2019	AJ200D
	Range Rover Sport	2016 to 2018	AJ200/204DTD
	Range Rover Velar	From 2017	AJ200/204DTA
			204DTD 204D3/TD4 AJ200D/204DTA AJ200D/204DTD



Instructions for use:

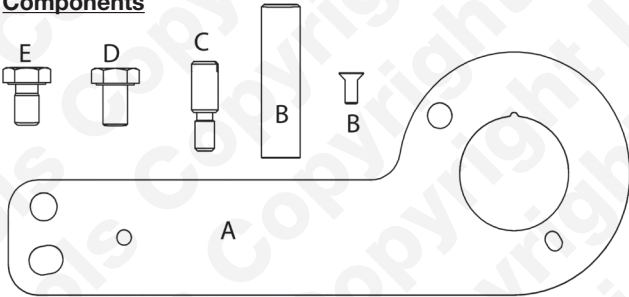
The instructions given overleaf are for guidance only. Please refer to OEM derived data such as the vehicle manufacturers' own data or Autodata.

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	

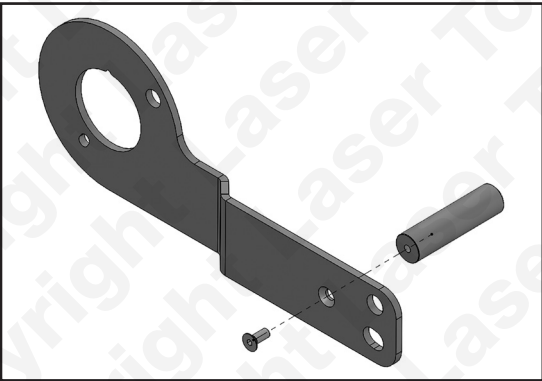
Crankshaft Locking Tool

JLR AJ200D Diesel

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

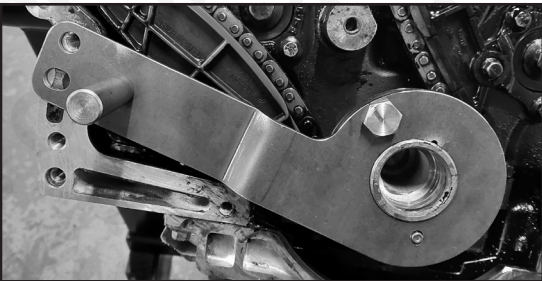
Used to turn and align the crankshaft.
Bolt the handle (B) to the plate (A) using the countersunk screw (B) as shown in figure 1.

Fig: 1



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

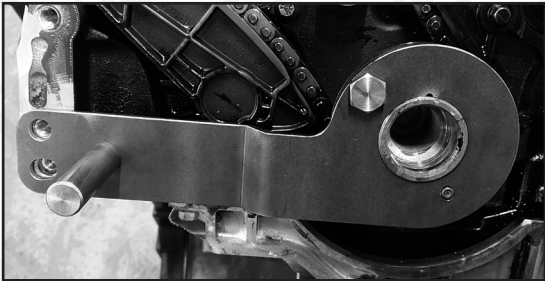
Fig: 2



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

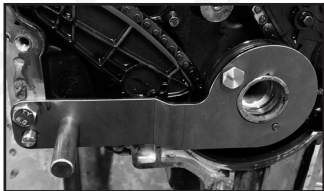


Once the plate is aligned, fasten the alignment peg (C) into the engine casting and then affix the plate using the bolt (E) to ensure the plate cannot move, as shown in figure 4.

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.

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 CÂMBOTA – PARA MOTORES A DIESEL JLR AJ200D
- PL** NARZĘDZIE DO BLOKOWANIA WAŁU KORBOWEGO – DO SILNIKÓW WYSOKOPREŻNYCH JLR AJ200D
- RO** SCULĂ BLOCARE ARBORE COTIT – PENTRU MOTOARELE DIESEL JLR AJ200D
- HU** FŐTENGELYRÖGZÍTŐ SZERSZÁM – JLR AJ200D DIZELMOTOROKHOZ
- SE** LÅSVERKTYG FÖR VEVAXEL – FÖR JLR AJ200D DIESEL
- DK** LÅSEVÆRKTØJ TIL KRUMTAPAKSEL – TIL JLR AJ200D DIESEL
- FI** KAMPIAKSELIN LUKITUSTYÖKALU – JLR AJ200D DIESELIIN
- NO** VEIVAKSEL-LÅSEVERKTØY – FOR JLR AJ200D DIESEL



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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.

www.lasertools.co.uk



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