

Part No. 8852

# LASER<sup>®</sup>

## **Rear Crankshaft Oil Seal Fitting Tool – for BMW & MINI**

### **Instructions**



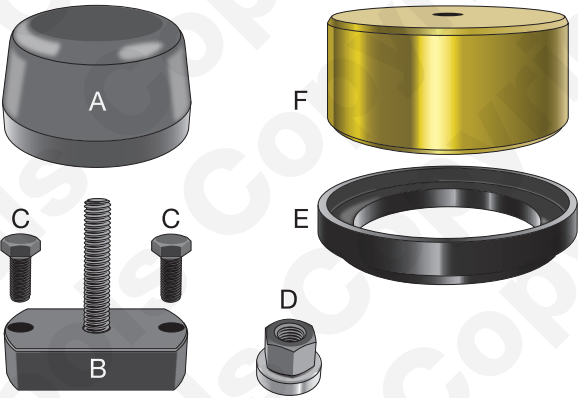
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# Introduction

The Laser 8852 has been developed to allow the crankshaft rear main oil seal to be fitted without damaging the delicate seal lip. When fitting rear crankshaft seals, it is important the seal is fitted square and without damage because it is not possible to tell if it will leak until the transmission is fully fitted and the engine has been run.

- Applications: 1.5L, 1.6L, 2.0L, 3.0L petrol engines across the BMW & MINI ranges from 2016.
- Engine codes: B38 A15, B38 B15, B38 K15, B48 A20, B48 B16, B48 B20, B58 B30.
- Equivalent to OEM 11 8 815, 11 9 182, 11 9 184, 2 360 215, 11 9 180, 11 9 181.
- Use in accordance with OEM instructions.

# Components



Ref.	Description
A	Seal locating guide tool
B	Press tool spindle
C	Spindle securing screws (M12 x 30mm set screw)
D	Force nut/thrust bearing for B
F	Press tool adaptor
E	Press tool cup

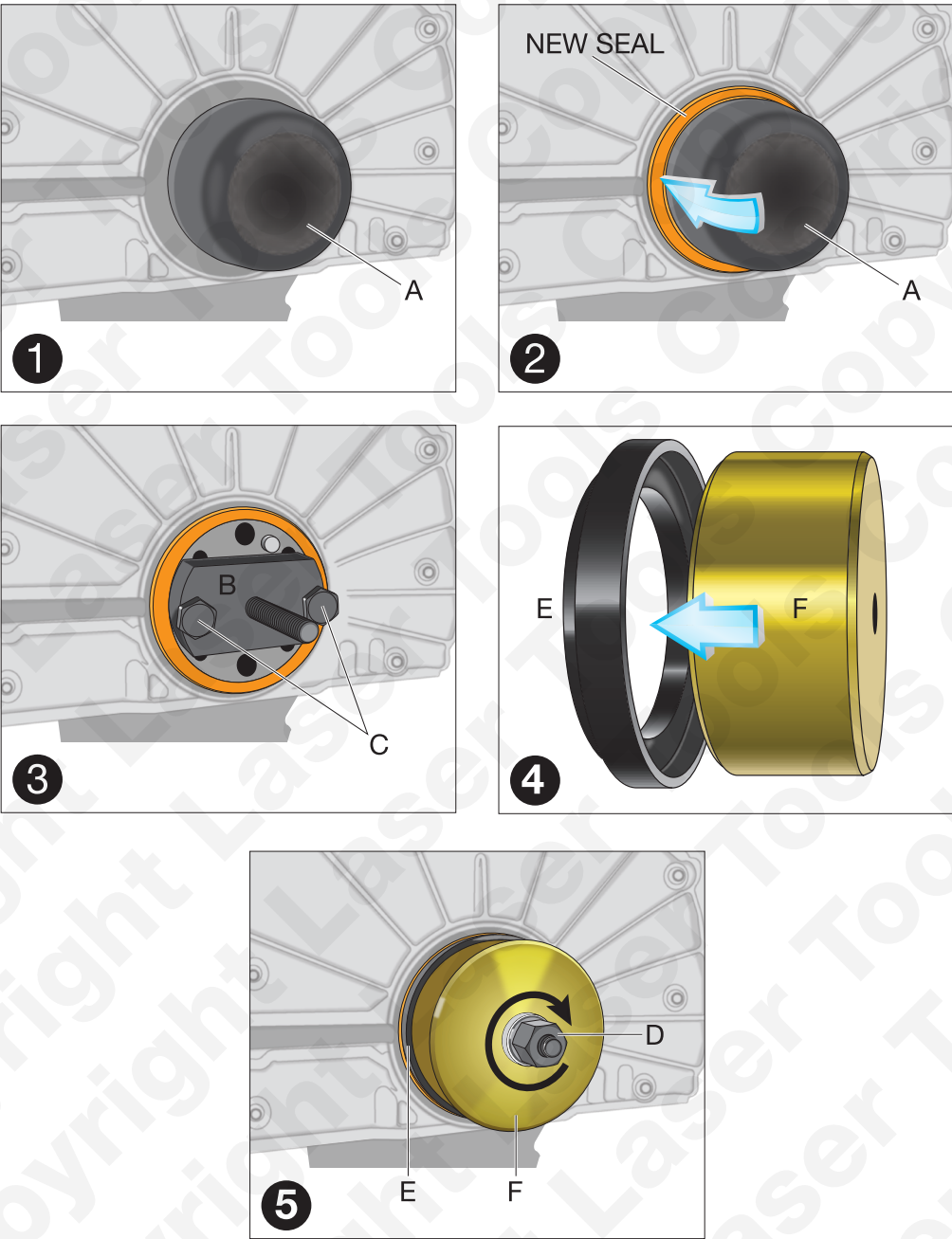
## Operation:



The following instructions are for guidance only. Refer to OEM-derived data such as the vehicle manufacturer's data or Autodata. The use of this seal fitting tool kit is purely down to the user's discretion and The Tool Connection Ltd cannot be held responsible for any damage caused whatsoever.

Note: Please check if the replacement crankshaft oil seal is manufactured from PTFE (polytetrafluoroethylene). Due to the PTFE dry-run qualities, oil or grease MUST NOT be used as an assembly agent on a PTFE seal.

# Instructions



## Safety Warnings - please read

### Precautions:



- Always refer to OEM-derived data such as the vehicle manufacturer's data or Autodata.
- Before assembly of the oil seal, the shaft surface must be carefully inspected to ensure that it is free of grooves, scratches or other damage. If there is any evidence of damage, this must be removed — refer to a specialist repairer for professional surface refinishing.
- Please check if the replacement crankshaft oil seal is manufactured from PTFE (polytetrafluoroethylene). Due to the PTFE dry-run qualities, oil or grease **MUST NOT** be used as an assembly agent.

### Best Practice:

PTFE seals: in order to ensure that the PTFE oil seal will perform its function correctly, a minimum of 4 hours after assembly should pass before the shaft is moved or rotated.



**Safety First. Be Protected.**

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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.



8852\_Instructions\_V2



When you have finished with this product please recycle it

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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.

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