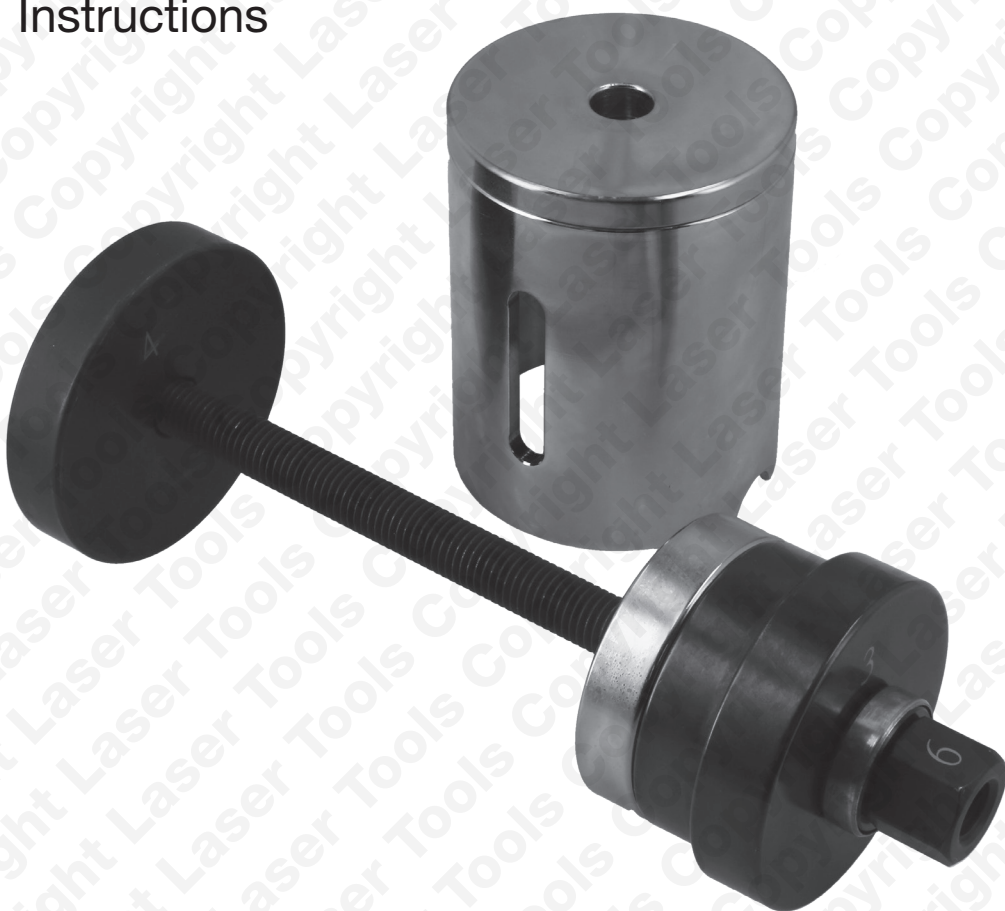


Part No. 8857

LASER[®]

Bush Removal & Fitting Tool – for BMW Rear Differential Mounting

Instructions



www.lasertools.co.uk

Bush Removal & Fitting Tool – for BMW Rear Differential Mounting

The rear differential on the late model F-chassis BMWs has three mounting bushes, two to front and one to the rear. The 8857 is designed to allow for the safe removal and fitting of the **rear** differential mounting bush.

Applications include: BMW 7 Series (2008 - 2015), 6 Series (2011 - 2018), 5 Series (2009 - 2017), 5 Series (2010 - 2017). Equivalent to OEM 33 0 030, Use in accordance with OEM instructions. For the two differential front bushes see Laser part number 8860.

Note:

Ensure the force screw is lubricated with clean molybdenum disulphide grease. Not for use with power tools. For earlier E-chassis BMW bushes see Laser Part No. 8406.

Components:

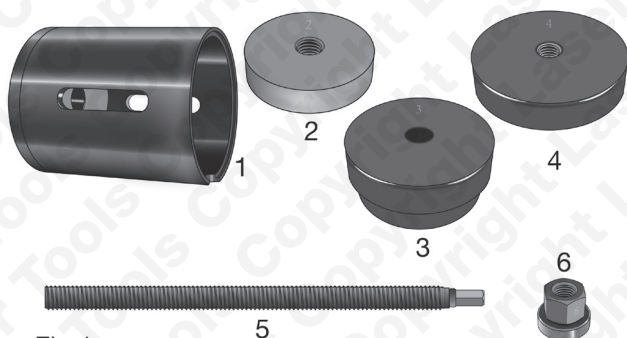


Fig 1

Ref.	Description
1	Bush removal receiver cup
2	Removal press adaptor
3	Installation thrust adaptor
4	Installation press adaptor
5	Force screw
6	Force nut/ thrust bearing



Refer to the manufacturer's service documentation and read and understand these instructions before commencing work. These instructions are intended as a guide only.

Refer to the following diagrams and always check that the puller is **correctly assembled** and is **correctly aligned, straight and square with the bearing housing**, etc. Danger of breakage or damage if this is not adhered to.

Important: Do not use power tools. This can damage the puller and will void the warranty.

Bush removal:

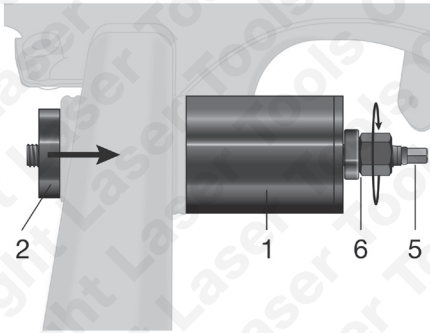


Fig 2

1. Assemble puller tool as indicated in **Figure 2**.
2. **Important:** Lubricate the force screw (5) and force nut/thrust bearing (6) with black molybdenum disulphide grease.
3. Turn the force nut/thrust bearing (24mm spanner/socket) to extract the rubber bush.

Bush Installation:

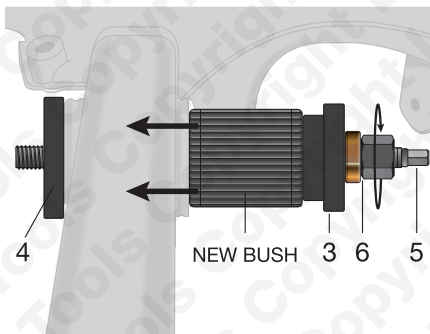


Fig 3

1. **Important:** Coat the bush bearing surface in the rear axle carrier and the new rubber bush with Circo Light Rubber Process Oil (or equivalent).
2. Assemble puller tool and the new bush as indicated in **Figure 3**.
3. **Important:** Lubricate the force screw (5) and force nut/thrust bearing (6) with black molybdenum disulphide grease.
4. Turn the force nut/thrust bearing (24mm spanner/socket) to press in the rubber bush.

Important: To ensure that the new rear axle rubber bush is securely seated in the rear axle bush housing (and ensure that the process oil has dried-off sufficiently), observe a waiting period of two hours after pressing in the rubber mounts before driving the vehicle for the first time. Failure to comply with this requirement may cause movement of the new bush in the housing.

Precautions:



- Wear suitable gloves and eye protection.
- Wear suitable clothing to avoid catching or snagging; remove watches, rings, etc. Tie back long hair.
- Do not use these tools for any purpose other than that for which they have been designed.
- Always refer to the vehicle manufacturer's service documentation. These instructions are intended as a guide only.
- If vehicle is raised, ensure it is adequately supported with axle stands, ramps, etc, as appropriate.
- **Do not use power tools with this product.**
- **Always grease the centre force screw** before and after every job with a high-quality molybdenum disulphide grease.
- Always check that the puller is **correctly assembled** and is **correctly aligned, straight and square with the bearing housing**, etc. Danger of breakage or damage if this is not adhered to.
- Do not use tools if damaged or worn.
- When finished, account for all tools and parts being used.
- Maintain the tools in good and clean condition and always return to case for safekeeping.

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.



Safety First. Be Protected.

8857_Instructions_V1

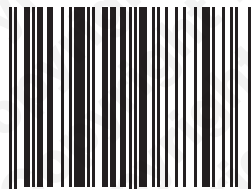
Guarantee

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.



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



5 018341 088576 >

www.lasertools.co.uk