

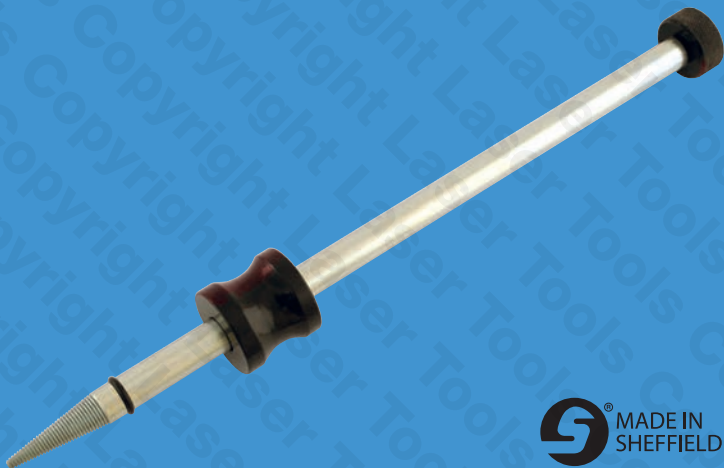
LASER[®]

Part No. 5450

Diesel Injector Seal Puller

Tip diameter 4.5mm (min) to 13.2mm (max)

Instructions



 [®] MADE IN SHEFFIELD

www.lasertools.co.uk

Introduction

This tool has been developed to assist in the extraction of the copper sealing washers used to seal diesel injectors where they enter the cylinder head.

The sealing washers sit at the bottom of the injector in the head and are often so deep into the cylinder head that extraction using a pick etc. is not possible.

These seals often fail and the carbon build up around them causes them to stick in the head making extraction even more difficult.

The tapered threaded end of the tool is designed to screw into the centre of the copper washer and provide enough grip for the slide hammer to be used to break the seal between the washer and the cylinder head allowing extraction.

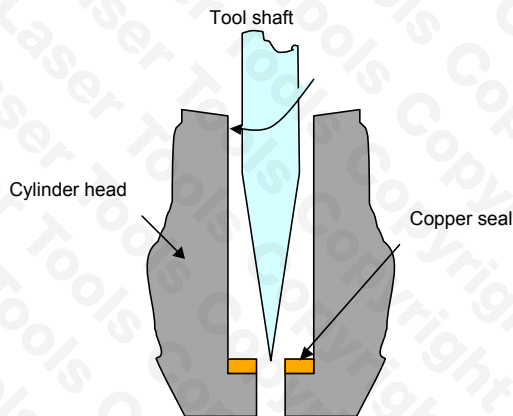
Technicians using unsuitable tooling can result in damage to the injectors themselves or the solenoids.

Instructions

1. Once the injector has been removed clean the area around the injector taking care not to allow any debris to drop into the cylinder.
2. Insert tool into the injector and screw the tapered thread into the copper seal until it grips the copper washer.
3. Keeping the shaft steady use the slide hammer to tap the puller up to free the seal and then pull the seal free.

N.B. Avoid being too aggressive with the initial slide hammer actions as this may pull the taper out of the seal.

Short tapping strokes should be employed to break the seal free from the cylinder head.



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.



5450_Instructions_V2



When you have finished with this tool, please recycle it.

www.lasertools.co.uk

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

Kington Road, Southam, Warwickshire CV47 0DR
T +44 (0) 1926 815000 F +44 (0) 1926 815888
info@toolconnection.co.uk www.toolconnection.co.uk

www.lasertools.co.uk