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**Consumable  
Part**



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#### Guarantee

This item contains consumable elements and are **NOT** covered by the Tool Connection Guarantee. For spares contact our service department direct on: **+44 (0) 1926 818166**.

[www.lasertools.co.uk](http://www.lasertools.co.uk)



Distributed by The Tool Connection Ltd

Kinlton Road, Southam, Warwickshire CV47 0DR  
T +44 (0) 1926 815000 F +44 (0) 1926 815888  
info@toolconnection.co.uk [www.toolconnection.co.uk](http://www.toolconnection.co.uk)

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# LASER<sup>®</sup>

## Wheel Stud Thread Restorer Instructions



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# Wheel Stud Thread Restorer Instructions

This tool is designed to correctly align and restore damaged wheel nut threads. The split design allows the two halves of the thread restorer to be fitted to the good thread (usually at the base of the stud) and then wound back over the damaged thread.

The set includes three split dies to suit the most common wheel stud thread sizes:  
M12 x 1.22mm | M12 x 1.5mm | M14 x 1.5mm  
Adaptor hex size: 24mm



## Note:

- Due to the nature of the task and tool, the connecting O-rings are regarded as consumable and not therefore covered by the Tool Connection guarantee. (Replacement parts are available.)

## Precautions:

- Always wear protective head, eye and hand gear.
- Responsibility for damage or injury lies with the user.
- Do not use air tools with this product.
- Do not use the thread restorer if it is damaged.
- Follow manufacturer's warnings, cautions and service procedures.

## Instructions:

1. Choose the split die that is the correct size for the wheel stud.
2. Lubricate the damaged wheel stud with HMP grease or thick machine oil.
3. The split die halves are connected by a flexible O-ring. Stretch the die and place over the stud to be repaired on the undamaged section of thread (usually near the base of the stud).
4. Fit that adaptor over the wheel stud and split die so that the two locating pins pass through the corresponding apertures in the split die. Push the adaptor fully home so that the split die is fully enclosed within the adaptor.
5. Using a 24mm socket and suitable driving tool (a T-bar is ideal) turn the adaptor anticlockwise to draw the split die up the thread and restore the damaged portion. As with cutting / restoring any thread, regular back off a half turn to clear the die. Continue the process until the die comes off the thread of the stud.
6. Clean the stud carefully, removing the grease and any metal swarf that has been produced.
7. Test the restored thread by carefully screwing on a wheel nut, referring to the manufacturer's instructions as to whether the wheel stud should be lubricated or not.
8. Clean up the split die before returning the storage case.

## Replacement parts available:

O-ring (pack of 10): Laser Part no: 2560