

Precautions

- If vehicle is raised, ensure it is adequately supported with axle stands, ramps, etc, as appropriate.
- Wear suitable eye protection.
- Always grease the centre force screw before and after every job with a high quality molybdenum disulphide grease.
- Maintain the tools in good and clean condition and always return to case for safekeeping.
- DO NOT use tools if damaged or worn.
- DO NOT USE AIR TOOLS WITH THIS PRODUCT.

5648

LASER[®]

Hub Puller & Driveshaft Remover/Press Kit



Safety First. Be Protected.

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.

TOOL CONNECTION
The Complete Connection

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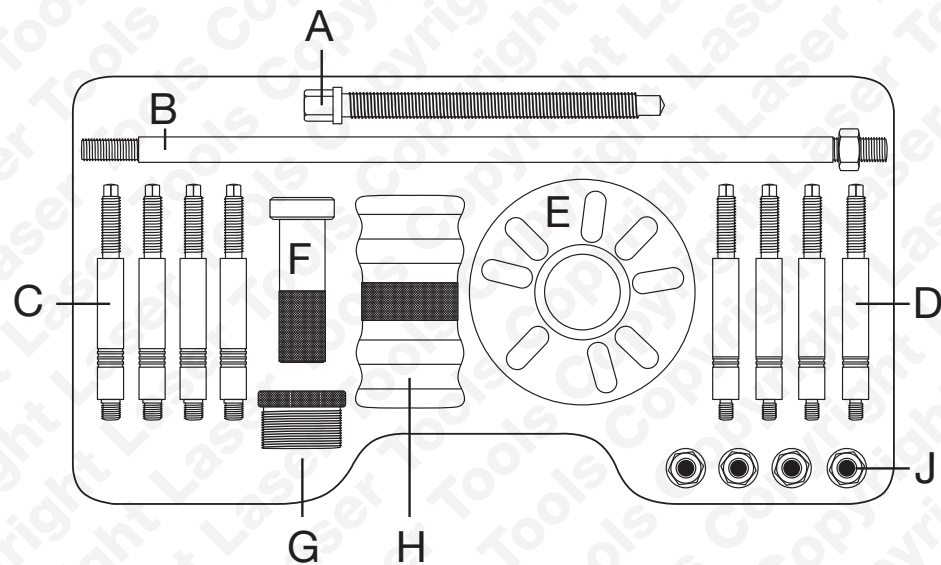
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Hub Puller & Driveshaft Remover / Press Kit

A versatile and heavy duty combination hub puller kit that can extract drum/disc/hub assemblies when used with the force screw method or for stubborn hubs, the slide hammer (4.3 kg) method can be used. Tool can also be used to press out the driveshaft/CV joint if this is necessary.

Components:

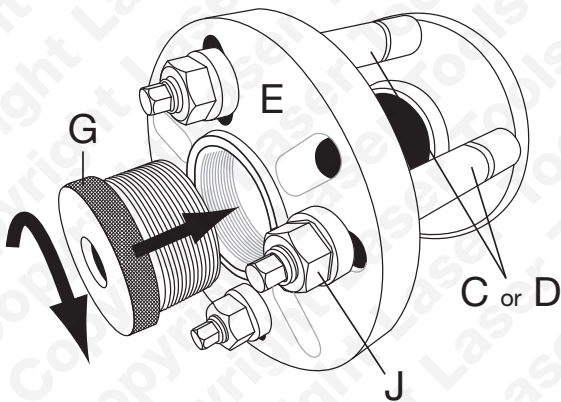


Item	Description	Laser Tools Spare Part No.
A	Centre Force Screw	60467
B	Shaft — Slide Hammer	0632
C	Threaded Support stud M14 (Set of 4)	
D	Threaded Support stud M12 (Set of 4)	
E	Puller Bridge Plate	
F	Handle — Slide Hammer	
G	Adaptor — Force Screw/slide hammer	0633
H	Weight — Slide Hammer 4.3 kg	
J	Nuts (set of 4)	

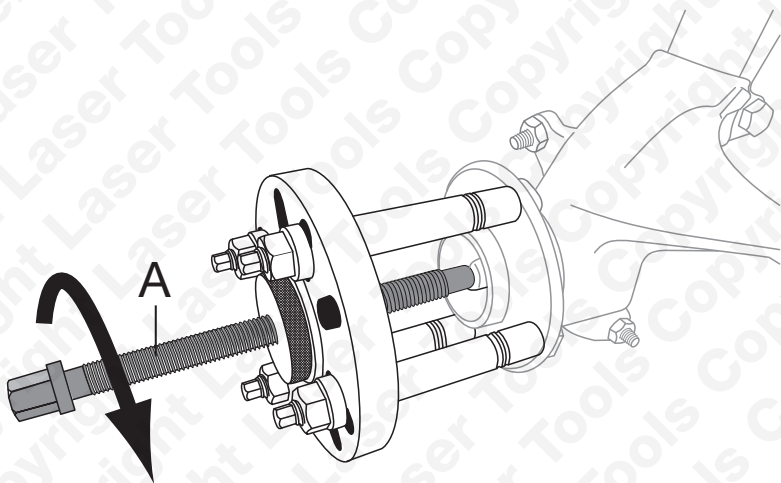
Instructions

The puller bridge plate (E) will fit wheel hubs with the following wheel bolt configuration: 3, 4, 5 or 6. Use all four threaded support studs when working with a 4 bolt configuration; for a 5 bolt or 6 bolt configuration, use **three** threaded support studs, spaced appropriately.

Pressing out a drive shaft, CV joint, etc:



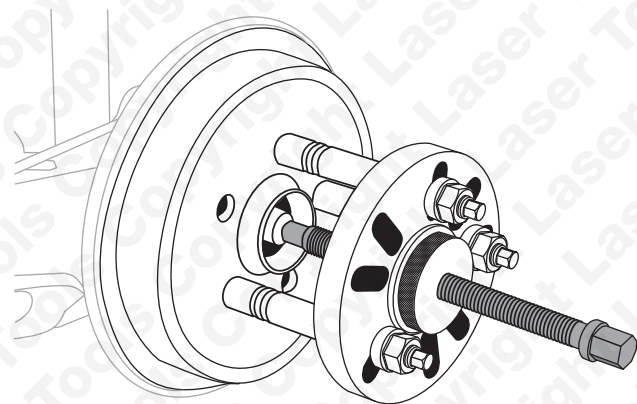
Refer to diagram above. Adaptor (G) is screwed into puller bridge plate (E). Assemble the correct threaded support studs (C or D) to the hub; C has an M14 thread to the hub, D is M12.



Screw centre force screw (A) into adaptor (G) and screw down until the end locates against the drive shaft / CV joint to be pressed out (securing nut has been removed). Then use a 19mm socket or spanner and turn force screw clockwise, pressing out the driveshaft / CV joint.

Care Point: The threaded portion of the Centre Force Screw (A) **must** be lubricated with a high quality molybdenum disulphide grease.

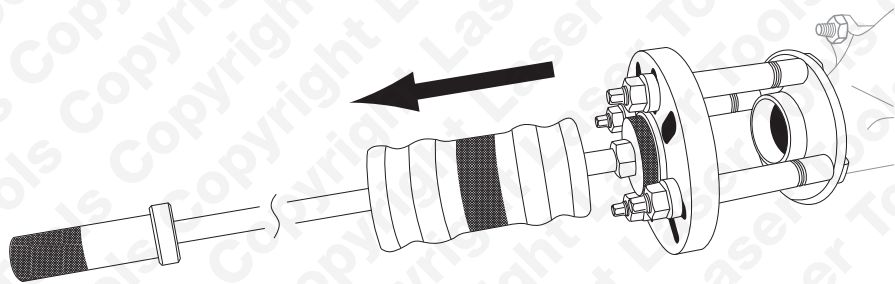
Pulling out a hub / drum / disc unit using the force screw method:



Refer to diagram above; assemble components as previously shown for pressing out a driveshaft. Hub / drum unit centre securing nut has been removed. Then use a 19mm socket or spanner and turn force screw clockwise, pulling out the hub / drum / disc unit.

Care Point: The threaded portion of the Centre Force Screw (**A**) must be lubricated with a high quality molybdenum disulphide grease.

Pulling out a hub unit using the slide hammer method:



Refer to diagram above and assemble as shown. Driveshaft / CV joint has previously been removed. Assemble hammer weight (**H**) onto slide hammer shaft (**B**) then screw shaft tightly into adaptor (**G**). Tighten shaft

Care Point: Ensure that the slide hammer shaft (**B**), its securing nut, the adaptor (**G**) and the threaded support studs and securing nuts all are tightly secured with no movement at all in the assembled puller.

Grip handle (**F**) securely and operate slide hammer. Take care not to trap skin or fingers on shaft of slide hammer.

Note:

Centre Force Screw (**A**) and the Force Screw/Slide Hammer Adaptor (**G**) are consumable items and thus not covered by the Tool Connection guarantee.

Spare parts available:

Centre Force Screw:	Laser Tools Part No: 60467
Shaft:	Laser Tools Part No: 0632
Adaptor:	Laser Tools Part No: 0633