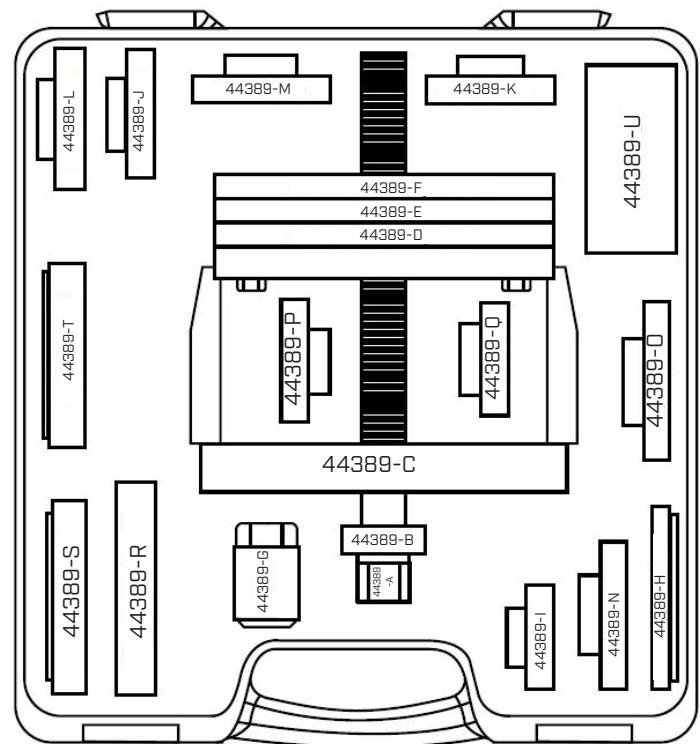


Master Wheel Hub & Bearing Removal Installation Kit



Information

- This wheel hub bearing press tool does away with the need for a shop press.
- This wheel bearing puller/installer is one of the only tool for servicing front and rear wheel hubs and bearing on German cars. Install wheel hubs and bearings on most vehicles easily with our wheel bearing press kit.
- No need to remove the strut assembly or knuckle to remove/install the hub and bearing. The hub puller tool removes/install hubs safely from the knuckle. Wheel bearing removal kit cancels the need for an alignment after use.
- Service your vehicles easily with our rear and front wheel bearing removal kit. This wheel bearing removal tool features all the adapters needed to service a number of foreign and domestic vehicles—BMW, Porsche, VW, and more.

Precautions

- Always wear safety gear.
- Working in a clean and safe environment.
- This task should be carried out by trained personnel.
- Make sure to consult manufacturers manual.
- Do NOT use with air tools.

Hub Removal

Step 1

Raise the vehicle. Remove the wheel, brake caliper, tie rod and axle retaining nut.

Step 2

Disconnect the strut assembly from the lower control arm. Swing off the CV axle.

Step 3

Select the appropriate horseshoe adapter for the spindle bearing housing. Tighten the tapered nut against the hub. Hold the nut while turning the pressure screw. Keep turning until the hub is extracted.

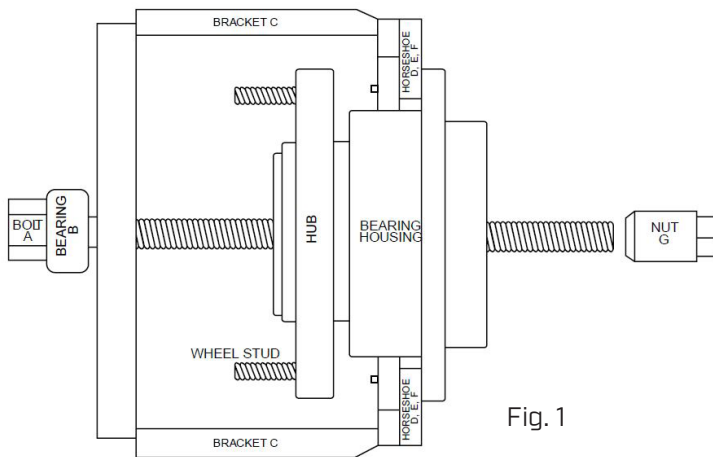


Fig. 1

Bearing Removal from the Spindle/Bearing Housing

Some bearings may have a snap ring retainer. This will have to be removed before removing the bearing. The inner bearing race may come out with the hub on some vehicles. It has to be removed from the hub before reassembling.

Step 1

Select the appropriate adapter sleeve for the housing, and select the smallest step washer (which will not pass through the bearing).

Step 2

Assemble as illustrated in the figure below. Tighten the tapered nut and washer against the bearing.

Step 3

Turn the pressure screw while holding the tapered nut until the bearing is removed. An alternative method is to use the horseshoe bracket assembly to push against the spindle bearing housing. (Refer to Fig. 3).

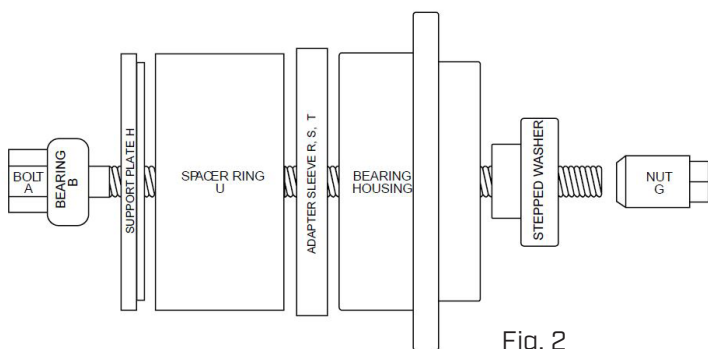


Fig. 2

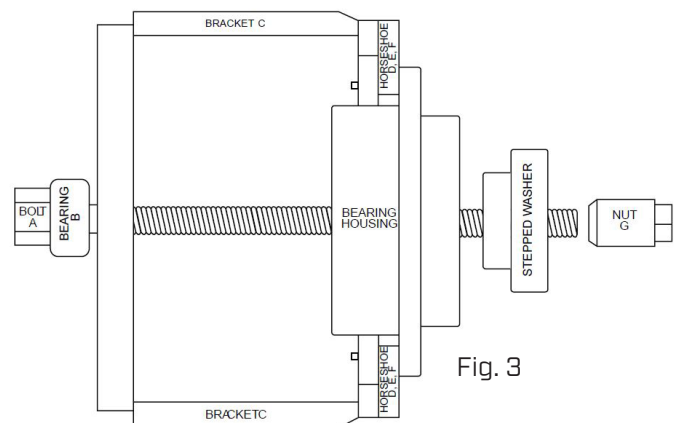


Fig. 3

Installing New Inner Wheel Bearing and Outer Wheel Bearing

Step 1

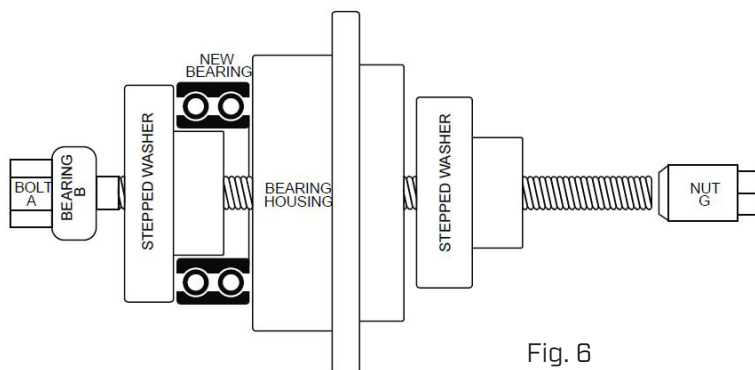
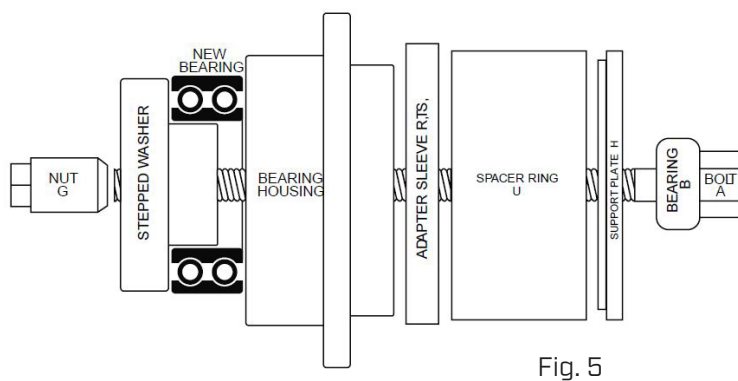
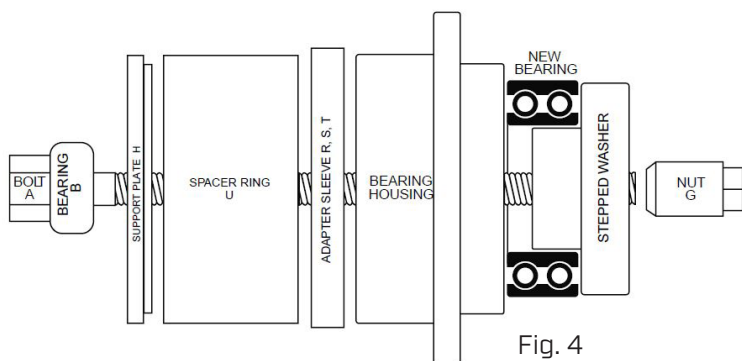
Select the appropriate step washer (the largest one that fits the bearing and is no more than the 0.0 of it).
Select the appropriate adapter sleeve that best fits the spindle bearing housing.

Step 2

Assemble the components as illustrated in the figure below. Tighten the tapered nut and washer against the bearing.

Turn the pressure screw while holding the tapered nut. Keep turning to install the bearing.

Refer to Fig. 6 for an alternative method to install bearings.



Installing the Hub into the Bearing Spindle Housing

Step 1

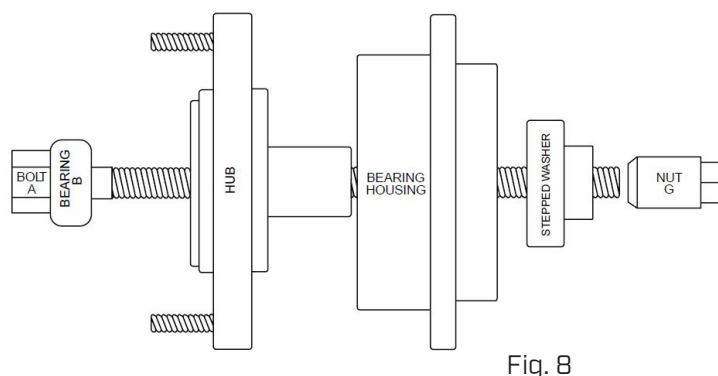
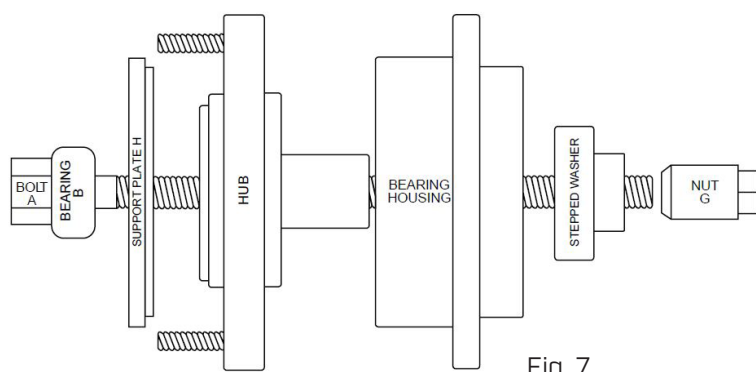
Select the appropriate step washer (the smallest one that fits and will apply force to the inner bearing race).

Step 2

Assemble the components as illustrated in the figure below. Tighten the tapered nut and washer against the bearing.

Turn the pressure screw while holding the tapered nut. Keep turning to install the bearing.

Refer to Fig. 8 for an alternative method.



Warranty

If you are unsure on how to use the item please contact us. If it were to fail due to a manufacturing fault or poor workmanship we will repair or replace it. Please contact your local dealer in the event you need to send the item back. You can also make a repair/replacement request on our website and download & complete the form online. Normal wear and tear along with misuse will void any warranty. Consumables are not covered under warranty.

www.welzh.com

Limited **12 month** warranty



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