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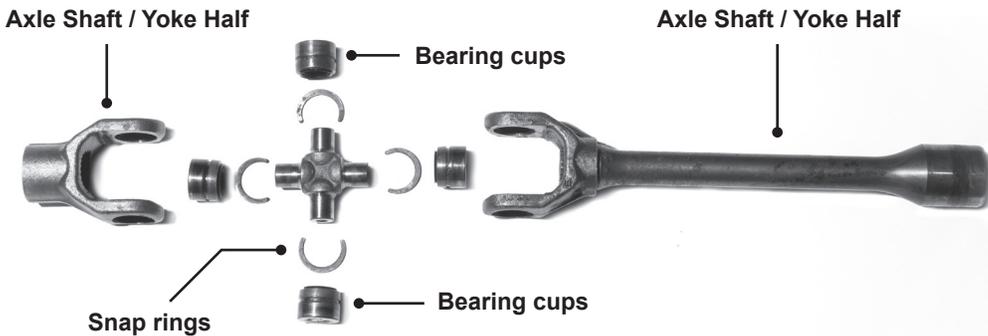
INSTRUCTIONS

08-0438 U-Joint Press

Caution: To prevent eye injury, wear safety glasses when using this tool.

Note: When servicing a U-Joint, it is necessary to press one yoke off the bearing cross then repeat the same process to remove the second yoke from the cross. To simplify these instructions, the steps will only show the removal/installation of one yoke. Repeat these directions for the second side.

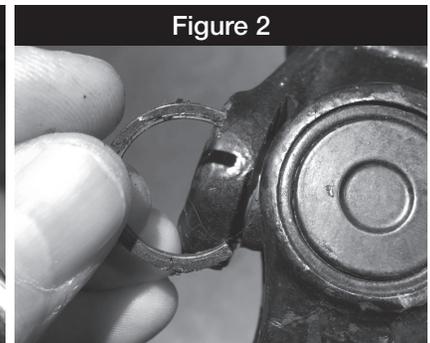
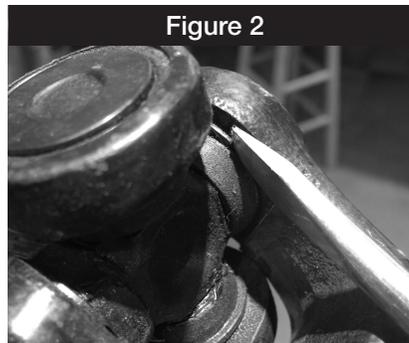
Typical U-Joint Components



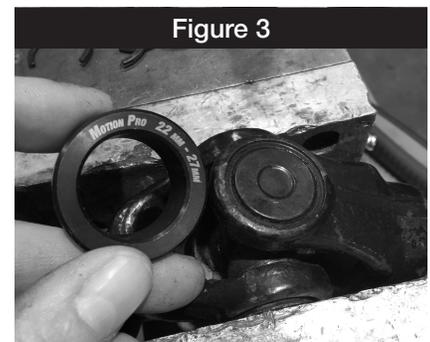
Removal:

1: Remove axle or drive shaft from vehicle. Refer to the owners or shop manual for this procedure.

2: Depending on the make and model you are working on, the 4 retaining clips will be located either on the inside of the U-Joint or the outside. Remove clips as outlined in your service manual.

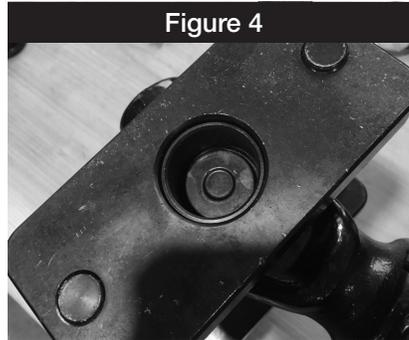


3: Select the correct size adaptor and drive tip for your application. The inside diameter of the adaptor should be slightly larger than the outside diameter of the U-Joint bearing cup. The outside diameter of the drive tip should be slightly smaller than the outside diameter of the U-Joint bearing cup.



08-0438 U-Joint Press Instruction Cont.

4: Lubricate the threads of the drive bolt with a light coat of grease. Place the assembly into the U-Joint press and, if necessary, adjust the two outside guide bolts to accommodate the size of the U-Joint. Ensure that the guide bolts are adjusted to the same length. Thread the drive bolt down and begin to press out the bearings. Make sure that the lower bearing is centered in the adaptor. This process should not take too much pressure.



Note: This tool is designed to be used as both a punch and a press. If the U-Joint is stuck or requires a lot of effort on the main screw, use a brass hammer and strike the top of the main screw to jar the U-Joint loose. **MAKE SURE YOU REMOVED ALL THE CLIPS!!!!**

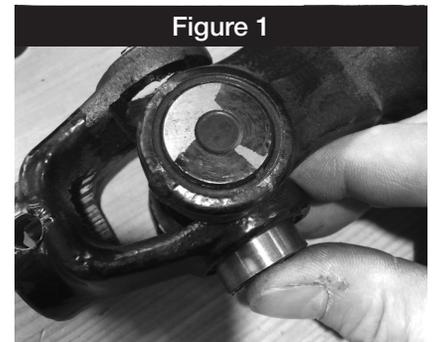


5: Repeat this procedure on the other side and remove the yoke from the U-Joint.



Installation

1: Liberally grease all of the needle bearings in the new cups. Install the bearing cross into the yoke and insert one of the bearings. Take care not to displace any of the internal needle bearings. Place the U-joint in the press and push the bearing into place. It's good practice to press the first bearing slightly past the clip groove and then install the first clip. This will allow you to press the second bearing into place and be sure it is located correctly.



2: Flip the assembly over and install the second cup. Press the cup in until you can see the clip ring is exposed and install the clip. Carefully inspect the position of all the cups and that all of the clips are completely seated. Move the U-Joint through its range of motion to make sure everything is assembled correctly. Reinstall into the vehicle according to the service manual.

