Thank you for choosing the Summit Manufacturing and Engineering Rocker Arm Trunnion and Bearing Installation/Removal Tool. This tool is designed to remove and install the rocker arm bearings and trunnion in your GM LSX OEM rocker arms with the use of common bench vise.

INSTRUCTIONS

1. Attach the bench vise fixture to one side of your bench vise; magnets in the fixture will hold it to the vise.

2. To remove the OEM bearings, place the hollow end of the end cap on the GM OEM bearing sheet metal. See Figure A. To avoid damaging your rocker arms, be sure that the end cap does not push on the rocker arm body. Repeat for all of your rocker arms.

3. Clean your rocker arm bodies thoroughly.

4. Place the end cap onto the mandrel tool (fits one end only) and place a new bearing onto the mandrel. Next, place a new bearing onto the opposite end of the mandrel tool and place the aluminum alignment sleeve on top of the new bearing. See Figure B. The alignment sleeve will align the mandrel tool and bearing into the rocker arm body. Using the bench vise fixture, press the new bearing into rocker arm body.

5. Next, lubricate the bearings with a high quality assembly lubricant for proper break-in.

6. Insert a new rocker arm trunnion partially into newly installed bearing and place a new bearing onto the trunnion to align to rocker body. Use the included washer to press the bearing into the rocker arm body using the bench vise fixture. See Figure C.

7. After the new bearings and trunnions are installed, ensure the trunnions rotate freely.

8. Install the snap rings onto the new trunnions.
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