

INSTALLATION INSTRUCTIONS

DRAG SPECIALTIES ROCKER ARM SHIM KIT PART# 0927-0004

ATTENTION INSTALLER (if other than owner): Please forward this Instruction Sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

INTRODUCTION: These instructions describe the procedure for properly installing the rocker arm shim kit on 66-84 Shovelhead Big Twin motors.

Review instructions carefully before beginning, as they contain important information. Please retain for future reference.

Particularly important information is distinguished in these instructions by the following notations:

NOTE: A **NOTE** provides key information to make procedures easier or clearer.

CAUTION: A **CAUTION** indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

WARNING!: A **WARNING** indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.



PROCEDURE:

NOTE: There are four small spacers included with this kit. These spacers are no longer needed and are not used when installing the shim kit.

1. Remove cylinder heads from motor following directions in the factory service manual.
2. Remove rocker boxes from cylinder heads.
3. Loosen the four nuts that secure the rocker shafts and remove the rocker shafts from the rocker boxes.

NOTE: Mark the rocker shafts and rockers so they can be reinstalled in the original location.

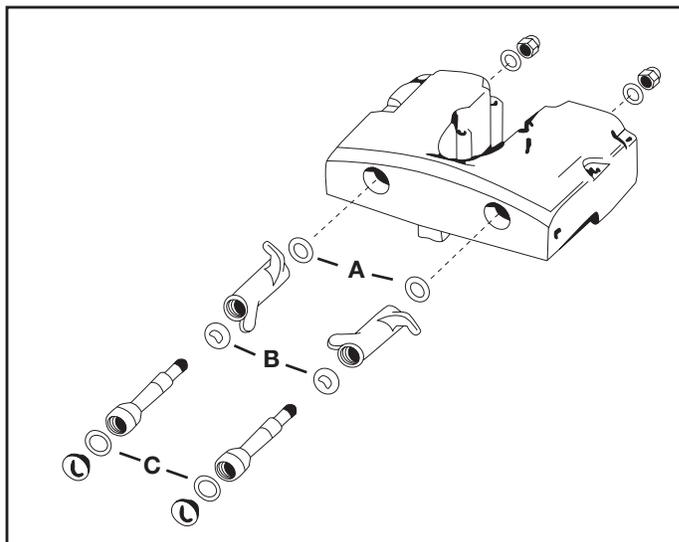
4. Remove the rocker arm shaft end screws and discard the original O-rings on the shaft. Also remove and discard any shims on the rocker shafts, they will no longer be used.

NOTE: Do not discard the thick spacers (item "A") on the left side of the rocker arm shafts. These will be re-used during assembly.

5. Check the rocker arms and shafts for abnormal wear, replace if necessary.
6. Place the spring washers from shim kit onto the rocker arm shafts, item "B" in photo.
7. Install the rocker arms onto the shafts making sure to lubricate the bushing before installation.
8. Place the original rocker arm shaft spacers back onto the rocker arm shafts, item "A" in the photo.
9. Install the rocker arm and shaft assemblies into the rocker box.
10. Install rocker shaft end cap nuts with new washers and tighten to 15 ft.-lbs. torque.

11. Install the four nylon seals (item "C") on the right side of the rocker arm shafts. These will replace the original rubber O-rings. They should be a snug fit and may be difficult in installing.
12. Install the rocker arm shaft plugs and tighten securely. Make sure that the nylon seal has been compressed to ensure a leak-free installation.
13. Reinstall the rocker boxes according to the service manual procedures.

WARNING!: Before operating motorcycle, be sure all hardware is tight.



DRAG
Specialties

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