



PRW POWER
1722 Illinois Avenue
Perris, California 92571

Phone: (951) 436-7900
Tech: (888) 377-9779

LS TRUNNION UPGRADE KIT INSTALLATION GUIDE

COMPONENTS	QTY
REPLACEMENT FULCRUMS/TRUNNIONS (TERM USED INTERCHANGEABLY)	16
DRAWN CUP BEARINGS	32
CIRCLIPS (SNAP RINGS)	32
FASTENERS - M8-1.25 X 45MM	16
INSTALLATION WASHERS	1
ASSEMBLY LUBE	1

NEEDED TOOLS/PARTS

- Cleaning Solution/Solvent
- WD-40
- Snap ring pliers
- Torque wrench
- Vertical press (or vice)
- Large diameter drive punch (slightly smaller than bearing diameter)
- Heavy ball-peen hammer
- Large diameter socket (larger than bearing diameter)

DISASSEMBLY

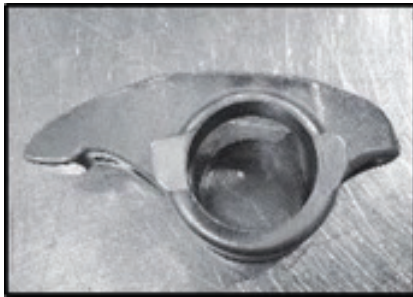
1. Clean the new fulcrums before installation. Use solvents to remove the rust inhibitor coating applied by the factory and allow to dry. Then, soak each fulcrum in 5W-30W (or similar) motor oil for 30 minutes prior to installation.
2. Using the snap ring pliers, remove the circlip (snap ring) on each side of the rocker arm bearing bore.

DISASSEMBLY

3. Place the rocker arm on the socket, being certain the fulcrum bore is centered on the socket opening.



4. Using the hammer and punch, gently tap the bearing, which will release the bearing on the socket side fairly easily. Remove the bearing and the trunion shaft. Flip the rocker arm over, and drive out the other bearing.
5. Repeat for the remaining rocker arm assemblies.



6. Thoroughly clean the rocker arms before reassembly.

Reassembly

1. **IMPORTANT** - Use a high-quality assembly lubricant, such as PRW CMD Extreme Pressure Lube #3, on the surface of the roller bearings or a film of lubricant inside and outside the bushings surface prior to assembly.



2. Place the rocker arm beneath the press, and put the new bearing or bushing squarely on the fulcrum bore. The part number of the bearing **MUST** be facing outward. For bushings, there is no particular orientation. Be certain the bearing or bushing is as flat and level as possible.



3. Gently press the bearing or bushing into rocker arm body until it seats flush with the outer edge of the rocker arm.
4. Remove the rocker arm from the press, turn the assembly with the new bearing side down, and install the fulcrum into the new bearing/bushing.



5. Lift the rocker arm, with bearing/bushing and fulcrum as a unit and place one of the included assembly washers under it (Arrow). Place another new bearing (again, numbers side out) or bushing onto the other end of the fulcrum. Align squarely with the rocker arm fulcrum bore.
6. Place the assembly under the press.



7. Place the other installation washer on the new bearing or bushing and center it (Arrow).
8. Gently lower press to secure the washers and the rocker arm.



9. Continue to lower the press to gently seat the bearing into the rocker arm bore until the bearing is flush with the outer edge of the rocker.
10. After the bearings or bushings are installed, check for excessive end play. There should be only 0.005" - 0.010" of side-to-side movement. Adjust if required.
11. After checking for end play, use the snap ring pliers and install the new circlips (snap rings) into the grooves on the ends of each fulcrum.
12. Repeat the procedures for the remaining rocker arms.
13. Install the rebuilt rocker arms onto the cylinder heads, using the new bolts. Install the bolts sitting on the flat surface of the fulcrum. Follow OEM installation procedures. Torque the bolts to 22 lbs foot.



Limited Warranty

PRW Power ("PRW") warrants that all of its products are free from defects in material and workmanship, and against excessive wear for a period of (1) one year from the date of purchase. This limited warranty shall cover the original purchaser.

PRW's obligation under this warranty is limited to the repair or replacement of its product. To make a warranty claim, the part must be returned within (1) one year of purchase to the address listed below, freight prepaid. Items covered under warranty will be returned to you freight collect.

It is the responsibility of the installer to ensure that all of the components are correct before installation. PRW assumes no liability for any errors relative to tolerances, component selection, or installation.

There is absolutely no warranty on the following:

- i. Any parts used in racing applications, or;
- ii. Any product that has been physically altered, improperly installed or maintained, or;
- iii. Any product used in improper applications, abused, or not used in conjunction with the proper parts.

There are no implied warranties of merchantability or fitness for a particular purpose and no warranties which extend beyond the description of the face hereof.

PRW will not be responsible for incidental and consequential damages, property damage or personal injury damages to the extent permitted by law. Where required by law, implied warranties or merchantability and fitness are limited for a term of (1) one year from the date of original purchase. This warranty may give you specific legal rights. You may also have other legal rights, which vary from state to state.