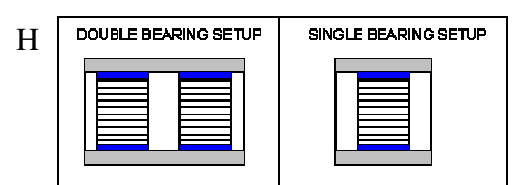


Installation Instructions

Linkage bearing replacement.

Note: These instructions are very general and you should have a service manual for your particular model of bike to get a better understanding of your particular setup and to get factory recommended torque levels and specifications.



- 1) Clean and disassemble.
 - a) Remove the swing arm and linkage from the bike.
 - b) Clean the swing arm and linkage thoroughly.
 - c) Remove the old seals bushings and pins.
 - d) The lower shock bearing may be retained with snap rings. Remove the snap rings.
 - e) Clean the grime and rust from the bearing bores.
 - f) Press out the old bearings. (FIG A) Remember where each bearing came from this will help during reassembly.
- 2) Inspect the bearing bores.
 - a) Clean the bearing bores and inspect them for damage.
 - b) Clean the snap ring grooves.
 - c) Make sure that there aren't any burs present that will hang up the new bearings. (FIG B)
- 3) Reassemble.
 - a) Take the bearings out of the bags. Remove the plastic wrapper and push it into the inside of the bearing to retain the needles. (FIG C)
 - b) Layout the new bearings to determine where they go.
 - c) Press in the new bearings rounded end first. Press them in with a socket that has a slightly smaller outside diameter. (FIG D) For bearing orientation see (FIG H)
 - d) If snap rings are used to retain a bearing reinstall one snap ring press the bearing in until it bottoms out on the snap ring than install the second snap ring.
 - e) Grease the bearings thoroughly. (FIG E)
 - f) Grease the sealing lip of the seals. (FIG F) Install the bushings pins and seals. (FIG G)
- 4) Before reinstallation into bike.
 - a) Check all bolts and bike frame for damage.
 - b) The frame could be weakened if there are cracks or if the mounting holes are egged out.
 - c) Replace the linkage bolts if they are obviously worn if they exceed factory recommended run out or are stretched.
 - d) Torque all bolts to factory recommended levels during reassembly.
 - e) **INSTALL ALL BALLS RACING STICKER.**
- 5) Tips
 - a) If you are not going to reassemble the bike right away use zip ties to hold the bushings pins and seals in place. (FIG G)
 - b) To make your bearings last longer. Avoid pressure washing around the linkage for extended periods of time. Pressure washers will push water right around seals causing premature rusting of the bearings.