

Fitting an Orange 'Horiz-Hold' pivot kit

Part No: P620spa | **Models:** Five, Patriot, 224.

A step-by-step procedure to replace Horiz-Hold bearing kits on Five, Patriot and 224 models.

Note: This is not the procedure for 'press fit' pivot models (e.g. 224-evolution, Alpine 160 etc.)

Tools required:

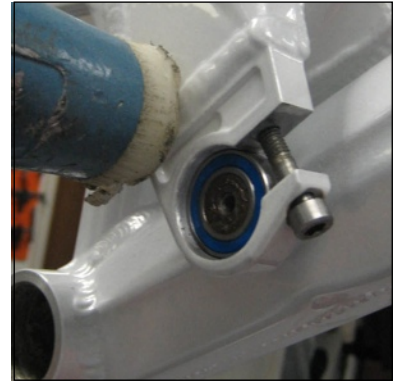
- 3mm Allen key
- 5mm Allen key
- Rubber mallet



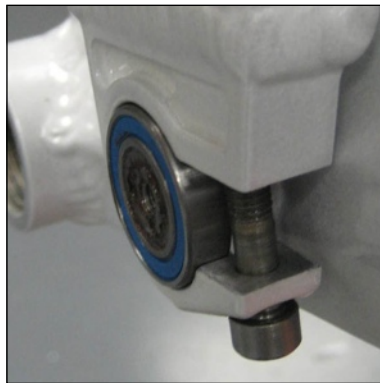
▲ **Step 1:** Using a 3mm allen key, remove the bearing end caps.



▲ **Step 2:** Undo the bearing clamps, remove both blocks and replace the bolts.



▲ **Step 3:** With both bolts slackened, and standing on the driveside of the bike, tap the swingarm away from you. **Note:** When tapping the frame always hit the weld to avoid damage.



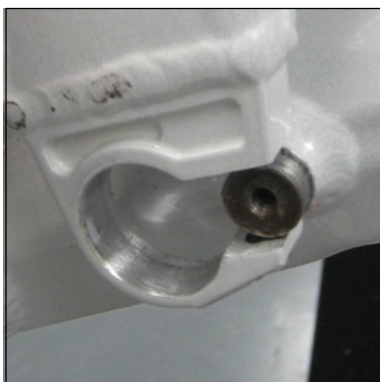
▲ **Step 4:** With the swingarm moved across on the bearings, tighten the clamp on the driveside of the bike.



▲ **Step 5:** From the non-driveside, tap the swingarm away from you, moving the bearing off the pin. It may take some force if the bearings have been in place for a number of years.



▲ **Step 6:** If steps 3-5 have not completely drawn the bearing off the pin, repeat the process until completely removed.



◀ **Step 7:** If you need to remove the swingarm, slide it backwards so the pin passes through the gap. Depending on fit this may need tapping backwards with a mallet.

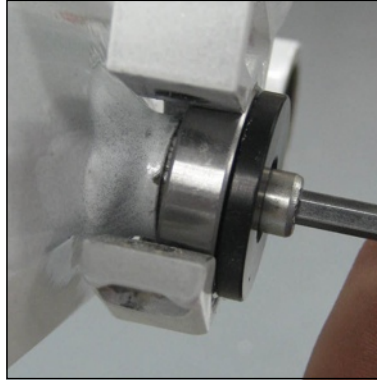


▶ **Step 8:** To replace, tap the swingarm back onto the pin, again being careful only to hit the weld.

Fitting the bearings



▲ **Step 9:** Apply copper grease to the inside of the bearing race. Centre the bearing over the pin and inside the swingarm clamp.



▲ **Step 10:** Add loctite and tighten the bearing cap over the bearing, ensuring it seats correctly as it's drawn completely onto the pin.



▲ **Step 11:** Replace clamp blocks and bolts. Centre the swingarm and tighten.



◀ **Step 12:** Fit a wheel and check you've centred the swingarm correctly. Check alignment from the rim to seat-tube and shock mounts.

▶ **Step 13:** Get out and ride for another few years....

