

LEFTY PBR130 MAX RESETTING PROCEDURE

Needle Bearing Reset

Needle bearing resets must be performed as maintenance. Migrated needle bearings are bearings that are no longer aligned together. Riding a fork with migrated needle bearings for extended periods can result in damage.

TO BE PERFORMED ONLY BY A PROFESSIONAL BIKE MECHANIC:

Annually as part of your annual fork overall maintenance. See schedule on page 8.

Whenever free length is less than specified

If the fork produces a top out noise when fully extended

If normal fork travel becomes reduced

To reset

1. Release all air pressure through Schrader valve in bottom of fork.
2. Remove the outer collar the Shimano tool TL-FC32. Turn counter-clockwise.
3. Compress the telescope and remove the two split rings from the top cap.
4. Fully extend the fork, and measure from top edge of outer tube to bottom edge of spindle. See right. If the length is out of specification do the following:

Firmly extend the telescope until it stops (tip - listen for the knocking at full extension to change from a hollow sound to a solid sound - this indicates full extension has been achieved). Do this several times using only moderate force, extend the lower fork leg using a pumping action.

After, you have performed this action several times, re-measure.

CAUTION

If fork is out of range following reset attempt, it may be damaged internally. The fork should be disassembled and inspected by a professional mechanic before it is ridden.

5. Reassemble.

NOTE: If migration re-occurs frequently (immediately after resetting), the cause could be damage present in the inner or outer races, bearings/cages or other fork parts. Inspection and replacement of damage parts will be required to correct a persistent problem with bearing migration.

