

## DLR Needle Bearing Reset

The following procedure should only be completed by a professional bike mechanic.

See **LEFTY NEEDLE BEARING RESET** on page 24.

To reset

1. Release all air pressure through Schrader valve in bottom of fork.
2. Loosen the lockout lever retaining screw and lift off the lockout lever. Note the lever position so it can be replaced to the same position later.
3. Remove the outer collar with the Shimano tool TL-FC32. Turn counter-clockwise.
4. Compress the telescope and remove the two split rings from the top cap.
5. 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.

### NOTICE

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.

**TIP:** 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.

