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INSTRUCTIONS

STEERING STEM BEARING TOOL P/N 08-0544

For steering stem bearing removal and installation, the following tools are needed:

- (1) 3 mm hex wrench
- (2) 19 mm wrench
- (3) Adjustable wrench or 32 mm wrench
- (4) Side cutter pliers
- (5) Flat tip screwdriver
- (6) New replacement steering stem bearing
- (7) Waterproof grease (not shown)
- (8) Soft mallet/hammer

HOW-TO CHANGE YOUR STEERING STEM BEARING

IMPORTANT: Refer to your factory service manual for the instructions for accessing these parts for service. Failure to follow service manual instructions and/or improper use of this tool could result in great bodily injury or death. Always use safety glasses when using this tool.

Removing steering stem bearing:

1. Remove the outer cage of the old bearing using side cutters as shown in the photo. A flat tip screwdriver can be used to remove the old outer bearing cage away from the bearing race.
2. Unthread/remove the Bearing Puller Adapter (B) from the Steering Stem Bearing Tool Body (A). Now slide the Bearing Puller Adapter (B) over the steering stem to the base of steering stem. Carefully tighten the set screws with a 3 mm hex wrench evenly and lightly under top lip of bearing race.

IMPORTANT: Do not tighten the set screws more than finger tight or the bearing race will bind against stem.

3. Place the Protector Cup (D) on top of the steering stem to protect the threads from damage.
4. Now slide the Steering Stem Bearing Tool Body (A) over the steering stem, apply grease to the threads and fasten/screw the tool body into the Bearing Puller Adapter (B).
5. Next, take a 19 mm wrench and tighten the Puller Bolt (C) as needed to remove the old bearing race from the steering stem. An adjustable wrench or 32 mm wrench can be used on the Steering Stem Bearing Tool Body (A) to provide better leverage when tightening, as shown.

Installing new steering stem bearing:

6. Clean the triple clamp base and steering stem, making sure it is clear of any dirt, grime or debris.
7. Apply a thin coat of waterproof grease to the inside of the bearing and to the steering stem. Install the new bearing onto the stem.

NOTE: If included with the new bearing, install the new seal before new bearing.

8. Select the correct size Driver (F) for your application. Now thread the Driver (F) onto the end of the Steering Stem Bearing Tool Body (A).

IMPORTANT: When selecting the proper driver, the driver should only make contact with the bearing race. Not the bearing cage. If the driver is only resting on the bearing cage, damage to the bearing could result.

IMPORTANT: In the case the bearing drivers contact the bearing cage first. Use of the included HF Adapter (E) is required. This adapter works in conjunction with the Drivers (F) and help apply force to the new steering race only, and not the bearing cage.

9. Next, remove the Puller Bolt (C) and use a soft mallet/hammer to drive the new bearing into place. A block of wood can be used under the triple clamp/stem to support the bottom and protect it from damage.

10. Inspect and make sure the new bearing is fully seated onto the stem. Now apply a high-quality waterproof grease to the new bearing before use.



Steering Stem Bearing Tool Components:

- A. Steering Stem Bearing Tool Body
- B. Bearing Puller Adapter
- C. Puller Bolt
- D. Protector Cup
- E. HF Adapter
- F. Drivers

