



MOTION PRO, INC.
 3171 Swetzer Road
 Loomis, CA 95650
 Tel 650.594.9600 Fax 650.594.9610
 www.motionpro.com

INSTRUCTIONS

MOTION PRO STEERING BEARING INSTALLER P/N 08-0669

Here's what you'll need to complete installation of your steering bearing components:

- A. New steering stem bearing races
- B. 14 mm and 24 mm open end wrench
- C. Grease
- D. Motion Pro **Steering Head Race Puller, Part No. 08-0737** (recommended for bearing race removal)

WARNING! 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

Steering Bearing Race Installation

1. With the old steering race removed, clean the steering head and bearing surfaces with a clean rag to remove dirt and debris from the inner steering head surfaces.
2. Identify the proper steering race driver required for your application. There are two reversible drivers included in the kit to fit a wide variety of powersports applications. Confirm proper fit by setting the race over the selected driver.
3. Slide the tapered plate onto the center rod along with the brass washer. Apply grease to the threads on the center rod, then thread the drive nut on until all threads are engaged.
4. Set and hold the new steering bearing race and adapter at the top or bottom of the steering head.
5. Insert the center rod all the way through the steering head assembly and adapter.
6. Slide the locking plate into the appropriate groove on the center rod, then tighten the drive nut by hand until the assembly is snug.
7. Use a 24mm open end wrench to carefully tighten the drive nut and draw the bearing race into the steering head. If the center rod begins to spin, use a 14mm open end wrench to hold it in place.
8. Observe the alignment of the steering race as you continue to tighten the drive nut. As the drive nut advances on the center rod, you will observe the race dropping into position in the steering head. Continue tightening until resistance increases, indicating that the race has bottomed out in the steering head.
9. To remove the tool, loosen the drive nut until the locking plate becomes loose. Remove the locking plate, then pull the center rod and driver from the steering head. Steering head race installation is now complete. Repeat all steps for the remaining steering race.

