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INSTRUCTIONS

MOTION PRO STEERING RACE TOOL FOR AMERICAN V-TWIN P/N 08-0633

REMOVAL

1. Remove all parts necessary as per your OEM manual to access your steering head bearings.
2. Configure the tool as shown (Fig. 1).
3. Insert the expanding puller into the frame as shown (Fig. 2). Tighten the aluminum expansion nut by hand (pliers can be used but DO NOT over tighten) to secure the lip of the puller beneath the bottom edge of the bearing race.



WARNING: Make sure that the lip of the puller is engaged with the bearing. On some frames it is easy to grab the lip of the bearing seat.

4. Lubricate the threads on the puller rod (use a general-purpose grease). Install the puller cup, washer, and nut as shown (Fig. 3). Make sure that the cup is centered on the frame and tighten the assembly.
5. Continue to tighten the nut with a 24 mm wrench until the bearing has been fully removed from the frame. Repeat this process for the second steering head race.

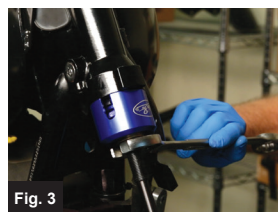
INSTALLATION

1. Configure the tool as shown (Fig. 4). Install the steering head race onto bearing driver as shown (Fig. 5).
2. Insert threaded rod with bearing cup and bearing race into the neck of the frame. Lubricate threads on puller rod, (use a general-purpose grease) then install the puller cup, brass washer and nut as shown (Fig. 6).

Note: Insure that the puller cup is centered on the frame and tighten assembly.

3. Continue to tighten the nut with a 24 mm wrench to pull the bearing race into the frame until the race seats against the lip in the neck of the frame. Repeat this process for the second steering race.

RACE REMOVAL



RACE INSTALLATION



For removal and installation of the bearing at the base of the steering stem, we recommend Motion Pro Steering Stem Bearing Tool for H-D®, P/N 08-0558.

