



FD700 INST
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2360 Boswell Road
Chula Vista, CA 91914
Phone: 619.216.1444
Fax: 619.216.1474
E-Mail: tech@explorerprocomp.com

PRO COMP SUSPENSION

Suspension Systems that Work!

INSTALLATION INSTRUCTIONS:

**Part # FD700
Pitman Arm**

IMPORTANT!: These instructions for Pitman Arm installation supersede the Pitman arm steps in the kit instruction manual and/or any labels affixed to the Pitman arm.

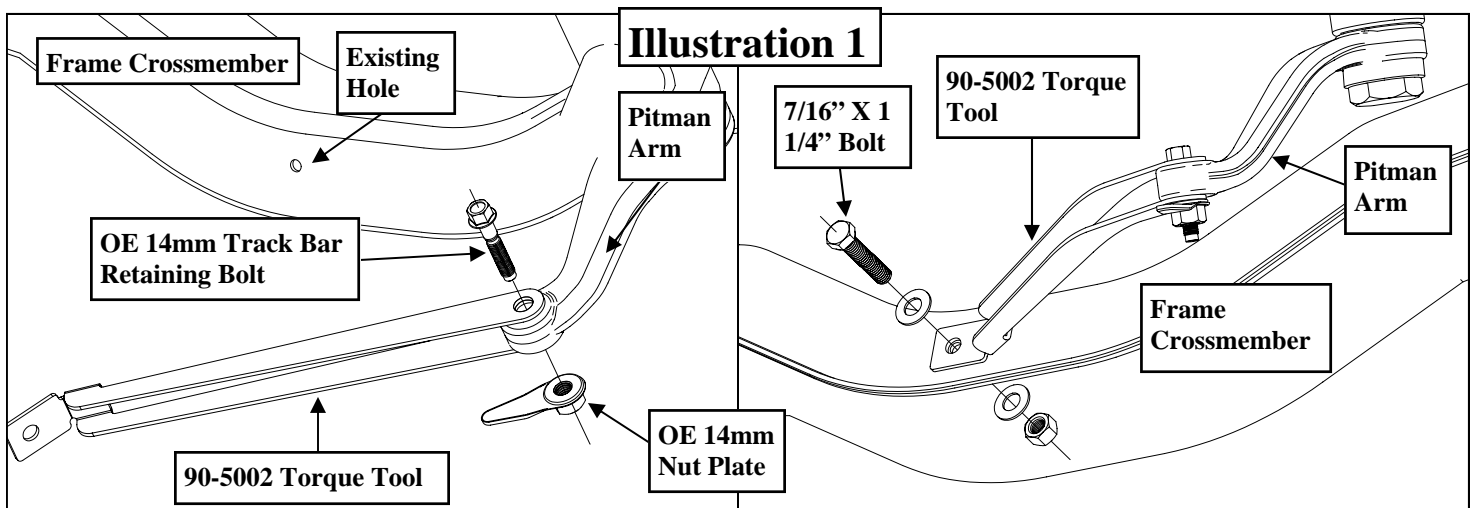
1. Remove the cotter pin and nut from drag link. Save the nut for reinstallation. Use a tie rod separator to separate drag link from Pitman arm.
2. Remove the sector Pitman arm retaining nut and save for reinstallation. Use a Pitman arm puller to remove the OE pitman arm. The threads of the sector shaft and the Pitman arm retaining nut must be cleaned of all factory dry adhesive.

IMPORTANT!: THE ENTIRE INSTALLATION PROCESS MUST BE DONE WITH HAND TOOLS TO ENSURE PROPER INSTALLATION. DO NOT USE IMPACT TOOLS.

3. Install new pitman arm on sector shaft. Oil the sector shaft threads to ensure a proper torque reading. Install Pitman arm retaining nut and tighten until snug.
4. Insert the key and unlock the steering wheel.
5. Install the Pitman arm torque tool (90-5002) to the Pitman arm using one of the previously removed OE 14mm track bar bracket outer retaining bolt and nut plate. See Illustration 1.
6. Secure the torque tool (90-5002) to the existing hole in the frame crossmember using the supplied 7/16" X 1 1/4" bolt and hardware. See Illustration 1.

NOTE: The steering wheel may need to be turned in order for the hole in the torque tool and the frame crossmember to line up. Once the bolts are tightened the torque tool will align it's self properly.

NOTE: The use of the torque tool is to keep the Pitman arm from moving right or left, but allow for movement up the sector shaft. If you do not have this tool, a length of chain or a flat bar with two holes is a suitable replacement.



7. Torque the Pitman arm retaining nut to 375 ft./lbs.
8. With the torque tool **(90-5002)** still in place remove the pitman arm retaining nut. The threads of the sector shaft and the Pitman arm retaining nut ***MUST*** be cleaned using brake cleaner or another suitable method to remove the previously applied oil.
9. Use the entire supplied thread locking compound to thoroughly cover the entire surface of the threads on the Pitman arm retaining nut.
10. Reinstall the Pitman arm retaining nut to the sector shaft and torque to 350 ft./lbs.

NOTE: Whether re-using the existing pitman arm retaining nut or replacing with a new nut, the supplied locking compound must be used.

11. Unbolt and remove the Pitman arm torque tool **(90-5002)** from the vehicle.

NOTE: Save this Pitman arm torque tool to add to your toolbox for any future Pitman arm installations.