

PART NO. 25008

Instruction Sheet STEERING KNUCKLE ADAPTER SERVICE KIT

This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.

Plan Ahead - Read All Instructions BEFORE installing part

Check for loose or worn parts, proper tire pressure, and odd tire wear patterns before beginning.

1. Raise vehicle and support by frame.
2. Remove front tire and wheel assembly.
3. Remove cotter pin and nut holding upper ball joint to insert/knuckle. Use Specialty Products Part #37985 or equivalent ball joint separator to break taper between ball joint and insert, using caution not to damage ball joint threads.
4. Support knuckle to avoid straining brake lines.

NOTE: It should not be necessary to remove upper control arm from vehicle.

5. Remove snap ring from old insert. Press out old insert and discard.
6. Press new insert into knuckle with flange on bottom so that taper direction matches ball joint.

See Figure 1.

7. Install included snap ring on top side to retain insert. Be certain that snap ring is seated in groove.

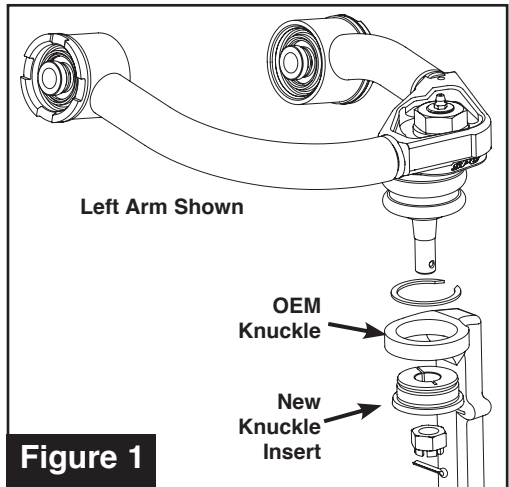
NOTE: Depending on condition of knuckle, new insert may not fit tightly into knuckle receiver. Knuckle insert will expand when ball joint stud is tightened.

8. Install ball joint stud into knuckle adapter, install supplied castle nut and torque to 45 lb-ft [61 Nm]. Tighten nut further only until supplied cotter pin can be installed.

NOTE: This is an excellent time to grease ball joints. 5 to 10 pumps of NLGi #2, Grade LB with 3%-5% Molybdenum Disulfide grease should be sufficient.

9. Re-install tire and wheel assembly and lower vehicle.

If alignment changes are needed, most current instructions can be found at www.spcalignment.com. Always check for proper clearance between suspension components and other components of vehicle.



Specialty Products Company®

4045 Specialty Pl. • Longmont, CO 80504 • (303) 772-2103 • Fax: (303) 772-1918

Toll Free Technical Hot Line: 1-800-525-6505 • www.specprod.com

ECN#2535

For warranty information go to: www.specprod.com/warranties • Email: info@specprod.com

©2018 Niwot Corp. dba Specialty Products Co • Printed in U.S.A. • Form No. 25008INS • Rev. 6/18