Installation Instructions for Torsen® Differential

8.8” Solid Axle Rear Suspension

Applications – Ford Mustang, Crown Victoria, Ranger, F-150, and Explorer

NOTE

Take care to keep right and left bearing cups, shims, and bearing journal caps separated!

2. Install two new journal bearings on Torsen differential.
4. Remove retaining pin holding the thrust block from the Torsen differential and slide the thrust block from the differential.
5. Insert the left axle shaft as far as possible. Place C-clip axle retainer into groove in the end of the shaft. Do this by sliding the two center washers up tight against the right hand side gear, putting the C-clip in place and pulling the axle shaft back out until it stops (approximately ½ inch).
6. Slide the center washers to the left and repeat the previous step for the right hand C-clip.
7. Slide both center washers to respective sides.
8. Holding the center washers apart, insert the thrust block between the washers.
9. Reinstall the thrust block retaining pin and torque to 25 ft/lbs.

For questions concerning the installation of the Torsen differential, call (585) 464-5000.

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