

2361000 - Self-Steer Truck Suspension – Bushing Replacement Kit

Bushing Replacement Kit Part Number	Pivot Hardware	Torque Values	
		foot-pound	Newton-meter
6040160	Bushing kit without hardware	500 ft-lb	678 N-m
6040161	Pivot Bolt (HHCS) Pivot Nut (Lock Nut)	500 ft-lb	678 N-m

CAUTION Failure to install and maintain fasteners at torque specifications could result in suspension failure and void the warranty. Refer to the engineering drawing for model-specific torque values.

Bushing Replacement Procedure – Standard Frame Width

Park the vehicle on a level surface. Chock wheels to keep vehicle from moving. Exhaust all the air from the air system. Disassemble suspension, if necessary, to reach the pivot connections.

CAUTION Failure to properly chock wheels and exhaust the air system could allow vehicle movement that could result in serious injury.

1. Remove pivot hardware and discard. NOTE: New pivot hardware included in bushing replacement kit.
2. Inspect wear washers for excessive wear/damage. Replace, if necessary.
3. Remove bushing assembly from the torque rod and discard. Clean the rod eye of any foreign debris or corrosion.
4. Apply Energy Suspensions® Formula 5 Prelube to the bore (inside) of new bushings. NOTE: Do not substitute - special urethane bushing lubricant included with all bushing kits.
5. Install bushing in the eye of the torque rod. NOTE: Mallet/press may be needed for installation.
6. Press inner sleeve into the installed bushing. Center the sleeve inside the bushing so that both ends extend slightly past the sides of the bushing.
7. Assemble the pivot connection with one wear washer on each side of the bushing (Figure 2). Inner sleeve must be flush with or extend slightly past the outside of the wear washers.
8. Torque pivot nut to specifications (500 ft-lb - 678 N-m).
9. Reassemble suspension, if necessary. Torque components to specifications.
10. Check wheel toe-in setting (between 1/32" and 3/32") and adjust, if necessary.

Notes and Cautions

This instruction uses two types of service notes:

“NOTE”: Provides additional instructions or procedures to complete tasks and make sure that the suspension functions properly.

CAUTION Indicates a hazardous situation or unsafe practice that, if not avoided, could result in equipment damage and serious injury.

RIDEWELL
SUSPENSIONS
Part No.: 9710023

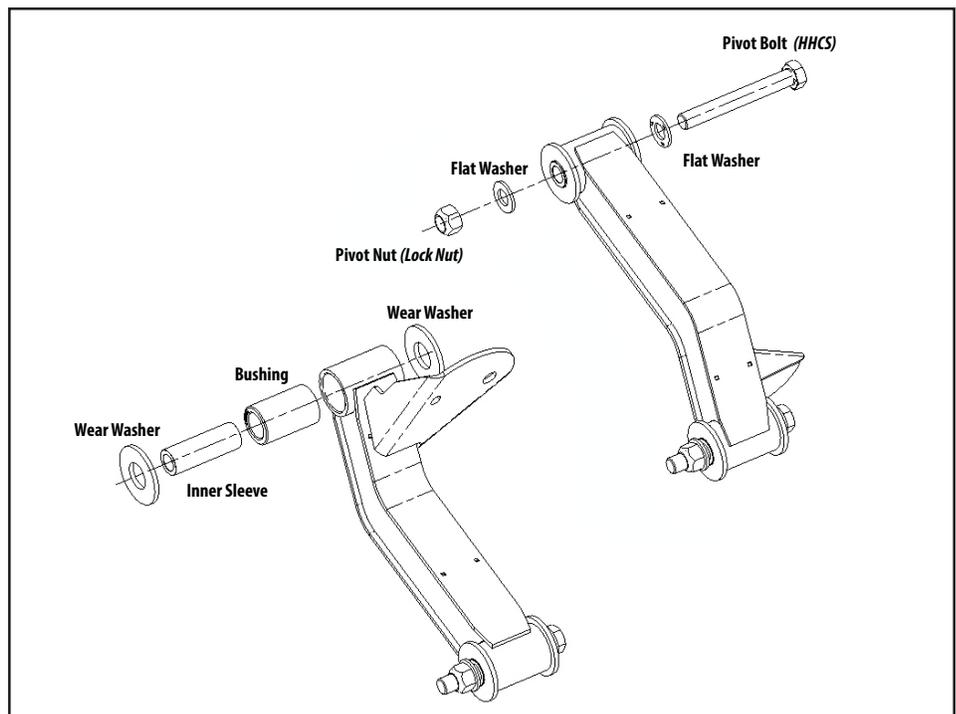


Figure 1. The pivot connection on the 2361000 Truck Suspension is assembled with one wear washer on each side of the torque rod eye.