

OE Replacement Steering Stabilizer

Ford Super Duty

Part #: 55405, 85405, 95405



SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, level surface and block the wheels for safety.
2. Remove the OE steering stabilizer cylinder from the mounting bracket on the tie rod and from the front axle. Retain the hardware from the axle mount.
3. The tie rod has two sets of locating grooves in which the OE stabilizer bracket u-bolts mount. Ensure that the bracket is adjusted to the set of grooves closest to the center of the vehicle (Fig 1). Torque the U-bolts to 20 ft-lbs.
4. Mount the new stabilizer mounting stud to the OE tie rod mounting bracket. The stud mounts in the back side of the bracket facing the rear of the vehicle with the 1/2" nut, flat washer, and lock washer. Torque the stud to 35 ft-lbs.
5. Install a bushing in the rod end of the cylinder and a bushing and sleeve in the base of the cylinder.
6. Mount the base of the cylinder in the OE bracket at the axle. Check for any contact between the cylinder and the bracket. If there is contact, mark the area and grind the bracket to obtain clearance for the cylinder. (Fig. 2) Paint any bare metal.
7. Mount the base of the stabilizer cylinder to the axle using the stock hardware. Mount the opposite end to the new stud at the tie rod with a 7/16" nut, flat washer, and lock washer. Torque the fasteners to 30 ft-lbs.
8. Perform a full steering sweep to ensure that there is no binding. Check for cylinder to axle bracket contact and perform addition clearance grinding as needed. Also check for contact between the u-bolts at the tie rod bracket and the cylinder. The excess thread on the u-bolts can be cut off if clearance is needed.

Box Kit		
Part #	Qty	Description
5621	1	Cylinder
	2	5/8" I.D. Hourglass bushings
	1	5/8"x.060"x1.375 Sleeve
P00932	1	Shock Stud

FIG 1 - LOCATING GROOVES

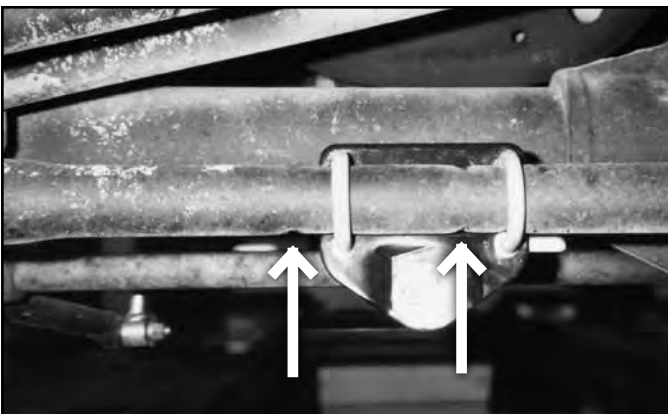


FIG 2 - OE AXLE BRACKET

