

# E4-WM5-Y353A00

## MOUNTING INSTRUCTION



### Ford F250/F350 4WD Steering Stabilizer

The installation of this steering stabilizer must be performed only by experienced and qualified personnel. Follow these instructions carefully. Incorrect installation will cause damage to the stabilizer and/or the vehicle. Damage due to improper installation is not covered by the warranty.

1. Before starting the installation procedure, the vehicle must be on level ground with the fully functioning parking brake applied. Securely block the rear wheels to prevent the vehicle from moving forward or backward. **NEVER** get under the vehicle until you are sure that these steps are completed. Start the engine and turn the steering to full left turn lock. Turn off the ignition.
2. If the vehicle is equipped with an original Ford steering stabilizer, remove the stabilizer (shock) unit only. If a non-original (aftermarket) stabilizer has been installed, remove the stabilizer and any non-original mounts.

If the vehicle has been modified such that it is not equipped with the original Ford mounts, it must be restored to the original configuration in accordance with Ford Motor Company specifications prior to installation of the new stabilizer.

**This Bilstein steering stabilizer is designed to be used only with the original Ford mounts in their original locations.**

3. Toward the left side of the centerlink (as viewed from the front of the vehicle) there is a distinct shoulder beside two indentations. Using a tape measure, determine the distance from the left edge of the centerlink bracket to this shoulder on the centerlink. This dimension should be approximately 252.5mm (9 <sup>15</sup>/<sub>16</sub> "). See Figure 1. If the bracket on the centerlink is not in this location then continue to Step 4, otherwise, skip to Step 5.
4. Loosen the nuts on the u-bolts holding the bracket to the centerlink. Adjust the horizontal position of the bracket such that it is in the location specified in Step 4. Tighten the nuts on the U-bolts to 22N•m (16 lb•ft).
5. Install the stabilizer with the open bushing end into the clevis on the axle housing and the threaded stud end into the ½" hole on the centerlink bracket. The threaded stud must be pointed toward the front of the vehicle. See Figure 1.

Reuse the original nut and bolt on the clevis mount. A new nut and washer are provided with the Bilstein stabilizer for fastening the stud. Tighten the nut on the clevis mount to 90N•m (66 lb•ft). Tighten the nut on the stud to 75N•m (55 lb•ft). A 19mm or ¾" wrench should be used on the flats of the stud to prevent rotation while tightening the nut.

6. Carefully turn the steering from full left turn lock to full right turn lock and check for any interference between the steering stabilizer and any other components on the vehicle. If any interference is found, refer to Steps 3 and 4, otherwise the installation is complete.

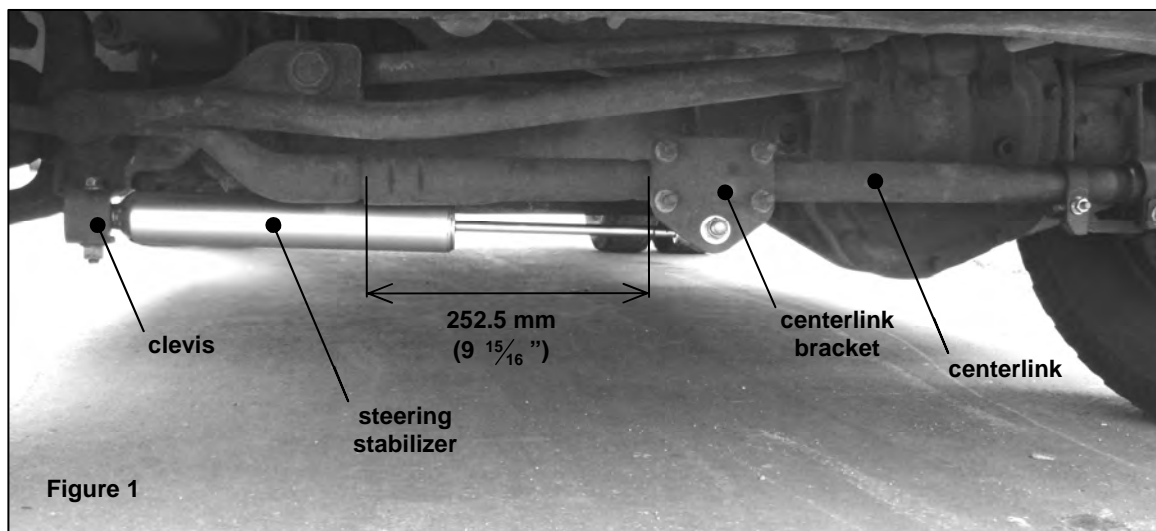


Figure 1