



2265 Crosswind Drive • Prescott, AZ 86301
(928) 636-3175

FORD STEERING STABILIZER (OE REPLACEMENT) INSTALLATION INSTRUCTIONS FORD RANGER, 2WD FORD F250, F350 4WD (EXCEPT MONO-BEAM MODELS) KIT# 6140 KIT# 7140

Before Starting Installation

NOTE
Kit parts are prefaced by the word *kit* and appear in **bold print**.

1. Carefully read all warnings and instructions completely before beginning.
2. Verify all parts have been received in this kit by checking the parts list at the end of this document.
3. **Only install this kit on the vehicle for which it is specified.** If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-3175.
4. Park vehicle on a clean, dry, flat, level surface and block tires so vehicle cannot roll in either direction.

NOTE
Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the factory service manual. When re-assembling the vehicle it is recommended by the vehicle manufacturer that certain fasteners are replaced in order to maintain proper retention characteristics. This system may not include all replacement hardware as recommended by the factory service manual. Additional replacement hardware should be obtained prior to installation of this system to meet the requirements of the factory service manual.

Torque Specifications

See factory service manual for torque values when re-using OE fasteners.

Prepare to Install Steering Stabilizer

1. Remove OE steering stabilizer according to vehicle's factory service manual. Take note of locations of ALL hardware.

⚠ WARNING
Before you install this kit, read and understand all instructions, warnings, cautions, and notes in this instruction sheet and in the vehicle owner's manual.

⚠ CAUTION
Proper installation of this kit requires knowledge of the factory recommended procedures for removal and installation of original equipment components. We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle. We strongly recommend that a certified mechanic familiar with the installation of similar components install this kit.

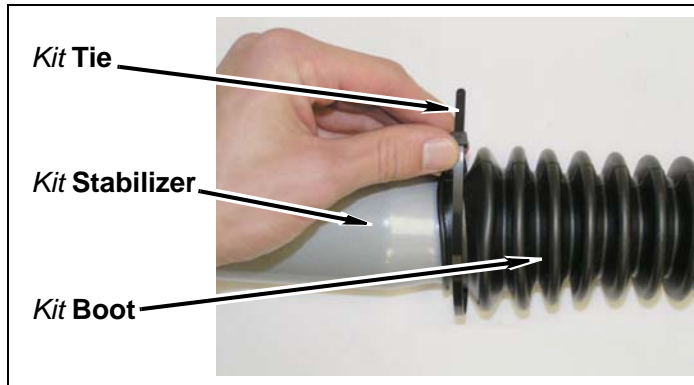
⚠ WARNING
Always wear eye protection when operating power tools.

⚠ WARNING
Before you install this kit, block the vehicle tires to prevent the vehicle from rolling.

NOTE
Performance Automotive Group recommends using the Loctite® supplied in the kit on the threads of all kit nuts and bolts unless specified otherwise in these instructions.

Install Steering Stabilizer

1. Install *kit boot* onto *kit stabilizer* with *kit tie*.



2. Install frame bracket.
 - a. Line up bracket on inside of frame approximately 11" back from front spring shackle.
 - b. Twist bottom of bracket forward and install using large U-Bolts and hardware.
3. Attach *kit stabilizer* with *kit hardware* to bracket per instructions printed on bag.
4. Attach tie rod *kit bracket* to stabilizer using instructions printed on bag.
5. Install tie rod bracket.
 - a. Extend stabilizer piston rod 4-1/4" and place-bracket against tie rod.
 - b. Secure using *kit U-Bolts and hardware*.
6. TORQUE all hardware.
7. Turn wheels fully to right and left making sure that no interference occurs and that wheel stops are fully contacted.

Miscellaneous

1. Check all fasteners to ensure they are tight.
2. Ensure all wires, hoses, cables, etc. are properly connected and there is ample slack.

Dynamic Vehicle Check

1. Check steering and suspension in all positions to ensure that there is no bind and adequate clearance between all moving, fixed, and heated members. Check operation of clutch, brake system, and parking brake. Check operation of transmission and transfer case. Ensure there is full engagement in all gears and 4WD ranges. Check battery connections and electrical component operations. Test-drive vehicle.

⚠WARNING

Retorque all fasteners after 500 miles and after off road use. All suspension lift components should be visually inspected and fasteners retorqued during routine vehicle servicing.

NOTE

All warranty information, instruction sheets, and other documents regarding the installation of this product must be retained by the vehicle owner. Information contained in the instructions and on the warranty card will be required for any warranty claims. The vehicle owner needs to understand the modifications made to the vehicle and how they affect vehicle handling and performance. Failure to provide the customer with this information can result in damage to the vehicle and severe personal injury.

Kit Parts List

Qty. Description

1	Steering Stabilizer
2	Bushing/Bolt Pack for Shocks
1	Mounting Bracket, Frame
1	Tie Rod Bracket
1	3/8" x 6-1/4" x 4" Sq. U-Bolt
2	3/8" Flat Washer
2	3/8" Locknut
2	5/16" x 1-1/4" x 2" U-Bolt
4	1/4" Flat Washer
4	5/16" Locknut
1	Shock Boot
1	Tie Wrap

NOTE

Depending on the vehicle configuration some parts may not be used.