



## Torque Specifications

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

<b>Bolt Size</b>	<b>Grade 5 (ft.-lbs.)</b>	<b>Grade 8 (ft.-lbs.)</b>
1/4"-20	10	10
1/4"-28	10	12.5
5/16"-18	17	22.5
5/16"-24	20	25
3/8"-16	30	40
3/8"-24	35	45
7/16"-14	50	65
7/16"-20	55	70
1/2"-13	75	100
1/2"-20	55	70
9/16"-12	105	135
9/16"-18	115	150
5/8"-11	150	195
5/8"-18	160	210
3/4"-16	175	225

## Engine Compartment

1. Disconnect both battery cables. Disconnect negative cable first, then positive cable.

## Prepare to Install Steering Stabilizer

1. Set steering wheel and front wheels straight.
2. Remove O.E. steering stabilizer if equipped.

## Install Steering Stabilizer

1. **From 140629:** Install mounting kit onto tie rod.
2. Install *kit boot* onto *kit stabilizer* with *kit tie*.
3. **From SHBAG48:** Install two *kit bushings* (half eye-ring) into eye of *kit stabilizer*.
4. Install eye end of *kit stabilizer* onto *kit stud* with hardware.

5. **From SHBAG70 & 145098:** Install stem end of *kit stabilizer* onto bracket with two *kit washers* (stem cup), two *kit bushings* (stem), and *kit nut* (3/8"). DO NOT TIGHTEN.

### ⚠ CAUTION

DO NOT overtighten *kit nut* (3/8") or damage may occur to *kit bushings* (stem).

6. TIGHTEN *kit nut* (3/8") until *kit bushings* (stem) are slightly compressed.
7. **From SHBAG70:** Install *kit nut* (3/8" jam) onto *kit stabilizer*.
8. Turn steering wheel lock-to-lock and ensure *kit stabilizer* is not interfering with any fixed or moving suspension and/or frame components.

## After Completing Installation

### Engine Compartment

1. Connect both battery cables. Connect positive cable first, then negative cable.

### 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.

### ⚠ CAUTION

Performance Automotive Group does not recommend any particular wheel and tire combinations for use with its suspension lifts and cannot assume responsibility for the customer's choice of wheels and tires. Refer to your owner's manual for recommended tire sizes and warnings related to the use of oversized tires. Larger wheel and tire combinations increase stress and wear on steering and suspension components, which leads to increased maintenance and higher risk for component failure. Larger wheel and tire combinations also alter speedometer calibration, braking effectiveness, center of gravity, and handling characteristics. Consult an experienced local off road shop to find what wheel and tire combinations work best with your vehicle.

### 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	<b>Boot</b>
1	<b>Label</b> (logo)
1	<b>Stabilizer</b>
1	<b>Tie</b>
<b>1</b>	<b>SHBAG70 (Stem Bushing Bag Kit)</b>
2	<b>Bushing</b> (stem)
1	<b>Nut</b> (3/8" jam)
<b>1</b>	<b>SHBAG48 (Eying Bushing Bag Kit)</b>
2	<b>Bushing</b> (half-eyering)
<b>1</b>	<b>145098 (Stem Washer Bag Kit)</b>
2	<b>Washer</b> (stem cup)
1	<b>Nut</b> (3/8")
<b>1</b>	<b>140629 (Axle Mounting Hardware Bag Kit)</b>
1	<b>Nut</b> (3/8")
1	<b>Nut</b> (7/16")
1	<b>Nut</b> (1/2")
1	<b>Stud</b>
1	<b>Washer</b> (7/16")
1	<b>Washer</b> (7/16" x 1-1/4" OD)
1	<b>Washer</b> (1/2")

### NOTE

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