STEEDA ADJUSTABLE REAR SWAYBAR (05-13 ALL)

TOOLS REQUIRED: *See figure 1*

- ✓ Floor jack
- ✓ Wheel chocks
- ✓ Jack stands
- ✓ Breaker bar
- ✓ Torque wrench(s)
- ✓ Grease pen
- ✓ Socket wrench (10mm,15,18, ¾")
- ✓ Wrenches (10mm,15,18,¾")
- ✓ Rubber mallet (not pictured)

Figure 1: Required Tools

REAR SWAY BAR REMOVAL

Note: The sway bar should be installed when the suspension is loaded and at ride height. This can be accomplished via placement of the jack stands.

1. Chock the front wheels of the vehicle. Using a 21mm socket and breaker bar, loosen but do not remove the rear lug nuts on both wheels with the vehicle still on the ground.
2. See Figure 2. Place a line on the rear shocks where the dust cover meets the shock body.

Figure 2: Ride Height Position

3. Using the floor jack raise either the left or right rear of the vehicle using the manufacturer's specified jack point. Do not use the differential housing as a jack point or damage may occur. Place one of the jack stands under the rear axle near the spring perch. Lower the vehicle onto the jack stand.

4. Repeat for opposite side and verify that the dust cover and line placed on the shock in step 2 are re-aligned.
5. Remove the rear wheels from the vehicle.
6. See Figure 3. Remove the two 15mm nuts holding the sway bar ends and bushings to the axle.

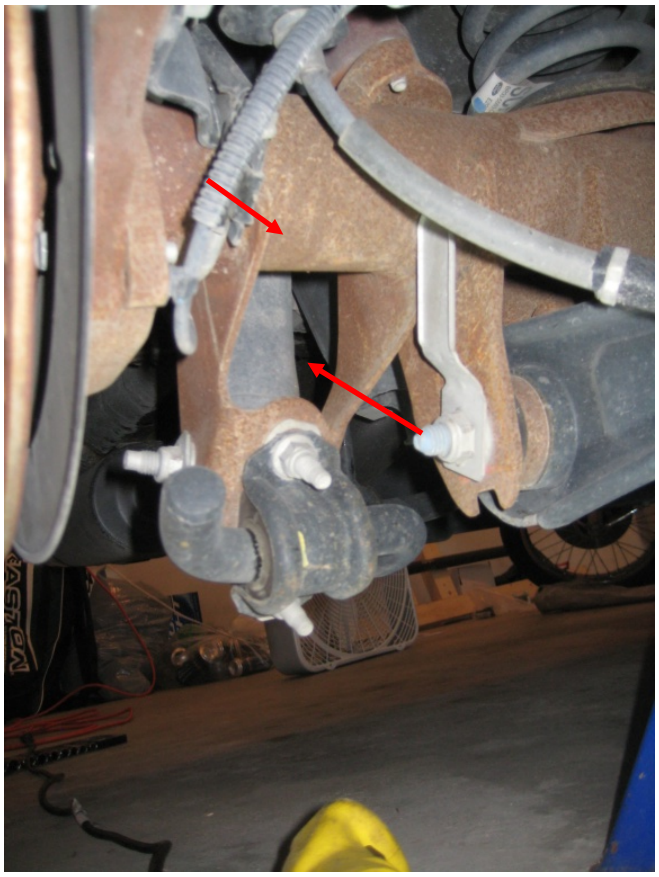

Figure 3: Sway Bar End Brackets and Bushings

7. See Figure 4. Remove the two bolts (15 mm) that attach the sway bar links to the chassis. Remove the rear sway bar.

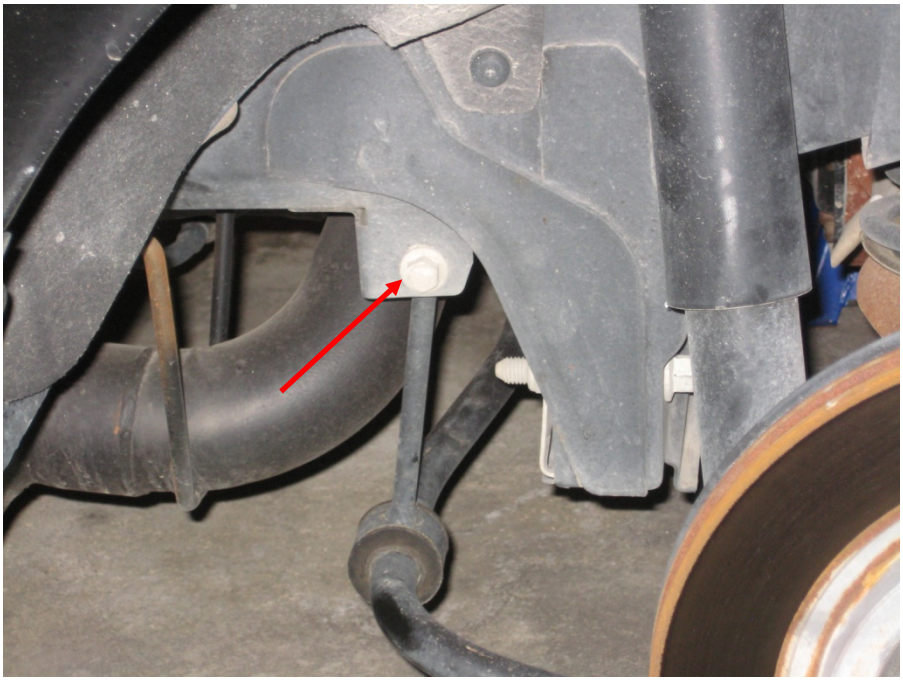

Figure 4: Sway Bar Link and Bolt

8. See Figure 5. Remove the bolt (18 mm) attaching the panhard bar to the chassis. Reinstall the bolt and panhard bar to the chassis being sure to rotate the bolt so that the head of the bolt is pointing towards the rear of the vehicle. Torque to 129 lb-ft.

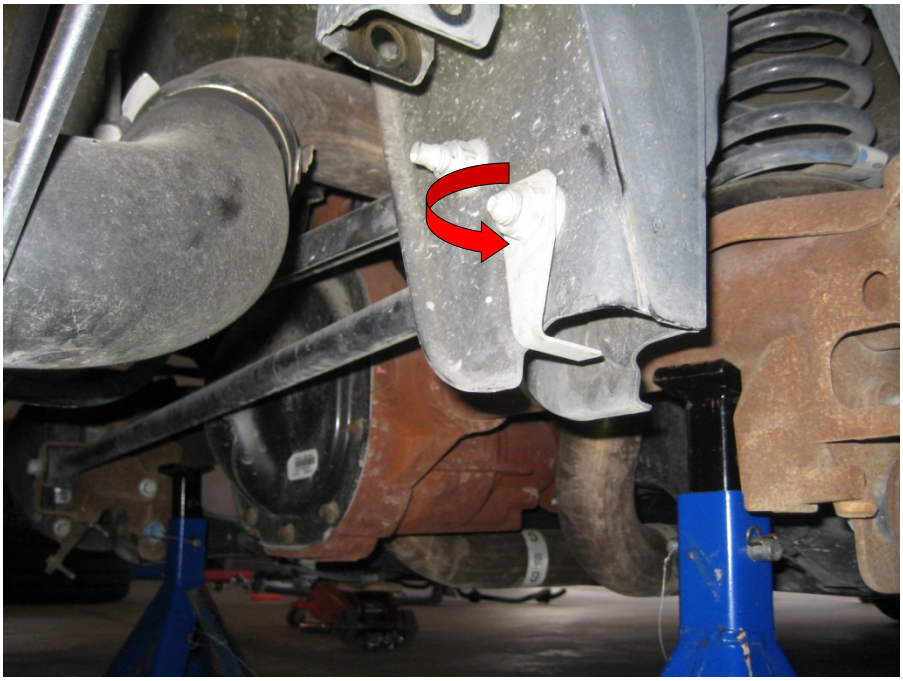

Figure 5: Panhard Bar Bolt Orientation

INSTALLATION OF STEEDA ADJUSTABLE REAR SWAYBAR

1. See Figures 6 and 7. Remove the axle brackets from the sway bar and liberally apply the bushing grease to the contact faces of the bushings.

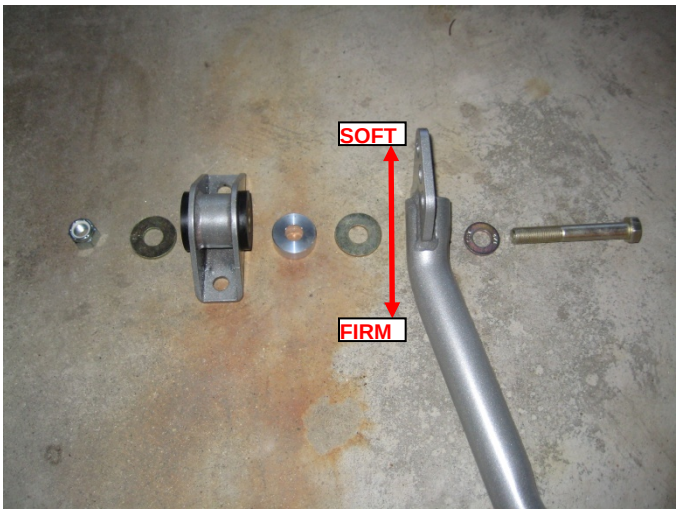

Figure 6: Swaybar Bracket Assembly


Figure 7: Greased Swaybar Bracket Bushing

2. Choose and adjustment position and reassemble the axle brackets to the swaybar but do not tighten the bolt and lock nut. It is recommended that the softest setting be used initially.
3. See Figure 8. Position the Steeda swaybar under the vehicle and install the axle brackets to the rear axle using the nuts and bolts removed in step 6 of the removal procedure. Torque to 52 lb-ft.


Figure 8: Axle Brackets Installed Onto Rear Axle

4. See Figure 9. Install the round two piece bushings into the round holes of the billet sway bar links. A rubber mallet may be needed to install the bushing halves. Grease the contact surfaces of the round bushings.

Figure 9: Swaybar link and bushings

5. See Figures 10 and 11. Liberally grease the inside surface of the D shaped swaybar link bushings. Install the two D shaped bushings onto the sway bar in their approximate final position. Place the swaybar links over the D shaped bushings and install the retaining plates using the six bolts (10 mm) supplied. Torque to 18 lb-ft. The engraved "STEEDA" text on the swaybar links should be facing the rear of the vehicle.

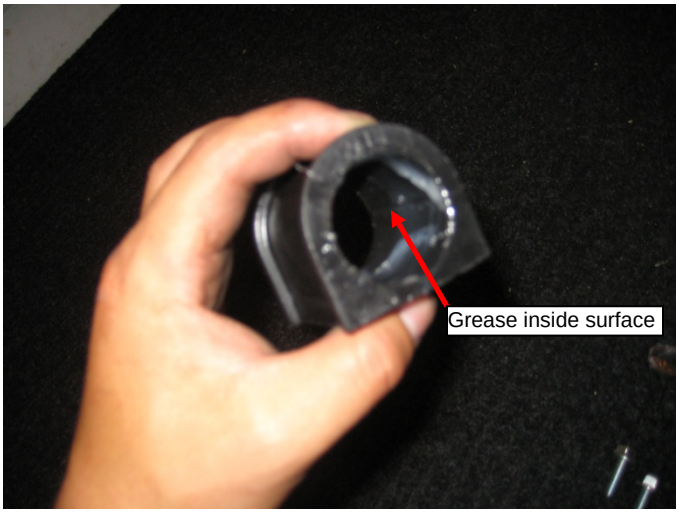

Figure 10: Greased D Shaped Busing

Figure 11: Steeda Swaybar Links Installed

6. Raise the swaybar into position and install the Steeda swaybar links to the chassis using the nuts and bolts removed in step 7 of the removal procedure. Torque to 85 lb-ft.
7. See figure 8. Lastly torque the ¾" nuts and bolts on the axle brackets to 85-95 lb-ft.
8. Reinstall the wheels to the vehicle, raise, and remove the jack stands. Do not forget to remove the chocks from the front wheels.

Figure 12: Swaybar Links Installed

Figure 13: Steeda Swaybar Installed

Installation Instructions written by AmericanMuscle customer Seth Taylor 9/26/2012