SB110 INSTALLATION INSTRUCTIONS

Front tools required:

- Grease
- 15mm & 21mm Socket

Front Instructions:

1. With the vehicle Parking Brake engaged and Transmission in Drive/Gear, use a floor jack to raise the front of the vehicle and securely rest vehicle on jack stands.
2. Loosen and remove factory Sway Bar Saddles with a 15mm socket shown in **Image 1.**
3. Loosen and remove lower Sway Bar Links with a 21mm socket shown in **Image 2.**

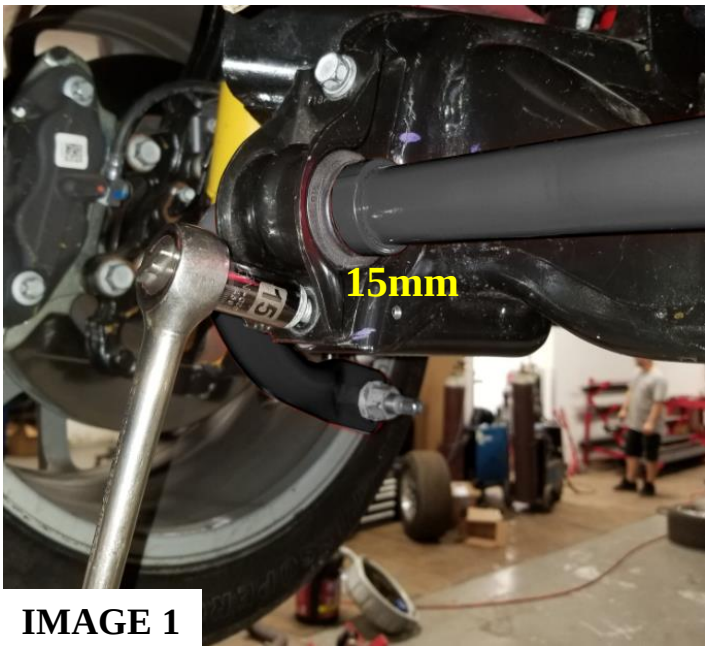


IMAGE 1



IMAGE 2

4. Apply grease the new bushing, as shown in **Image 3**. The more grease the better, excess will be extruded when the new sway bar saddles are tightened and can be wiped away.

5. Torque the **sway bar end link nuts to 96ftlbs** and the **sway bar saddle bolts to 44ftlbs**.



This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.

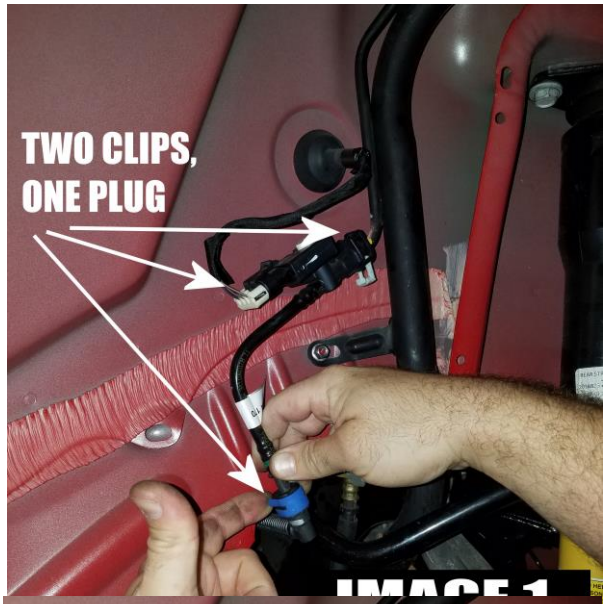
SB110 INSTALLATION INSTRUCTIONS

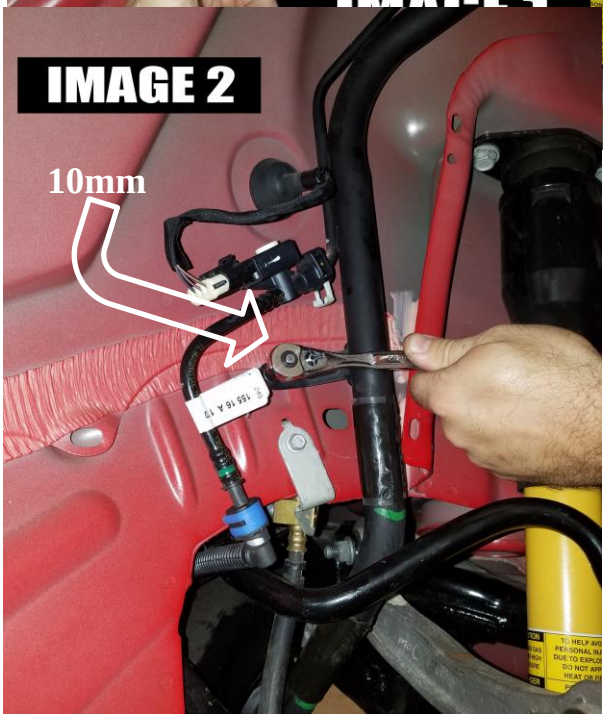
Rear tools required:

- Hydraulic jack and jack stands
- Wrenches and sockets – 10mm, 15mm, 16mm, 18mm 21mm
- 50 Torx Bit Socket

NOTE: Before proceeding, take note of the following recommendations. Unfortunately, the entire rear Crossmember must be lowered to install this part to access the driver's side rear differential bolt. This install is very involved and not recommended for the novice home mechanic. We recommend that you read the installation procedure before proceeding to make sure it is within your capabilities.

NOTE: We removed the springs before documenting this installation to allow better visibility for illustrating each step of the install.





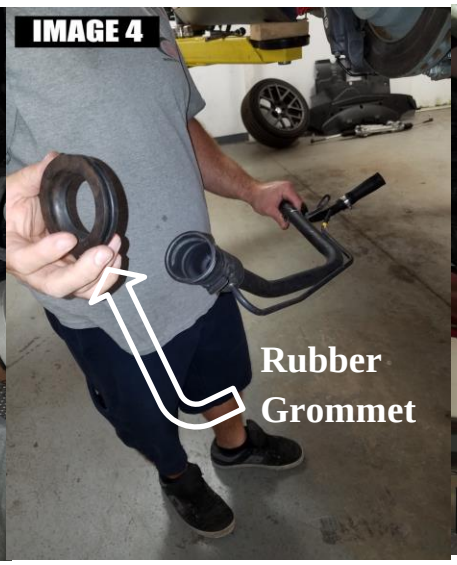
Rear Instructions:

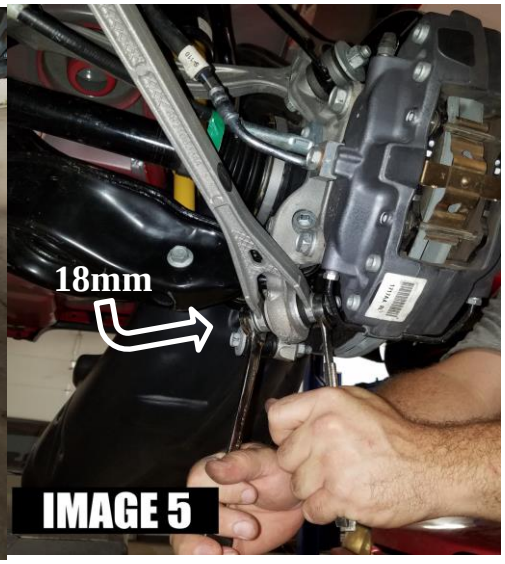
1. Lift the rear of the vehicle and safely support with jack stands under the rear jack points on the rockers. Make sure vehicle is high enough to lower the Crossmember approximately 6 inches. Remove wheel/tires to provide access to the work areas.
2. The first thing to remove is the entire exhaust, from the manifolds rearward. With the various exhausts offered from the factory, plus aftermarket options, we will not go into details of the removal process.
3. Next, disconnect the rear of the driveshaft from the front of the differential using a 50 Torx bit socket.
4. With the exhaust removed and the drive shaft disconnected and set aside, proceed to the driver side rear wheel well. Remove the 7 plastic clips and two 10mm nuts retaining the inner plastic wheel well. Towards the rear there are a few rivets that do not come out. Simply leave these attached and fold the wheel well out of the way to allow access to the gas filler tube.

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.

SB110 INSTALLATION INSTRUCTIONS







5. Next disconnect the small fuel tube shown in **IMAGE 1**. Release the 2 clips and unplug the sensor then set the fuel tube/sensor aside.
6. Using a 10mm socket, remove the nut holding the fuel fill tube to the inner wheel well. (**IMAGE 2 On Page 1)**
7. Remove the hose clamp on the rear of the tank as shown in **IMAGE 3**. Use a bucket to catch any gas Once the lower hose clamp is removed, the entire fill tube can be removed. Pull the tube out the bottom, through the lower control arm and trailing arm.

(NOTE: the tank has a check valve to hold the fuel in the tank but you will still drip whatever fuel is in the hose itself.)

(NOTE: the upper part of the tube is only connected with a rubber grommet and pulls loose easily. **IMAGE 4)**

8. Next the calipers must be removed in order to lower the Crossmember. To eliminate the need to disconnect a brake hose, remove the outer trailing arm bolt using two 18mm wrenches as shown in **IMAGE 5**. This will allow sufficient room for the caliper to clear as the Crossmember as it is lowered.
9. Using an 18mm socket, remove the two caliper bolts then hang the caliper with a piece of wire or a zip tie.
10. The next step is to disconnect the emergency brake cables. This is difficult due to its location above the Crossmember. Follow the cable upward to where they connect together above the Crossmember. Using a small screwdriver or pick, release the spring steel retainers (**IMAGE 6 shown on page 3**) to separate the cables.
11. Remove the two small cable clamps using a 10mm wrench.
12. Locate the group of wiring harnesses on the passenger side and unplug the three harnesses shown in **IMAGE 7 shown on page 3**.

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.

SB110 INSTALLATION INSTRUCTIONS

13. Using a 16mm socket, remove the upper shock bolts as in **Image 8.**
14. Place a jack under the rear Crossmember then loosen the four main Crossmember bolts using an 18mm socket and carefully lower the crossmember.
15. Using a 15mm socket, unbolt and remove the factory rear Sway Bar Saddles and remove the stock end links using a 15 and 16 mm wrench and socket.









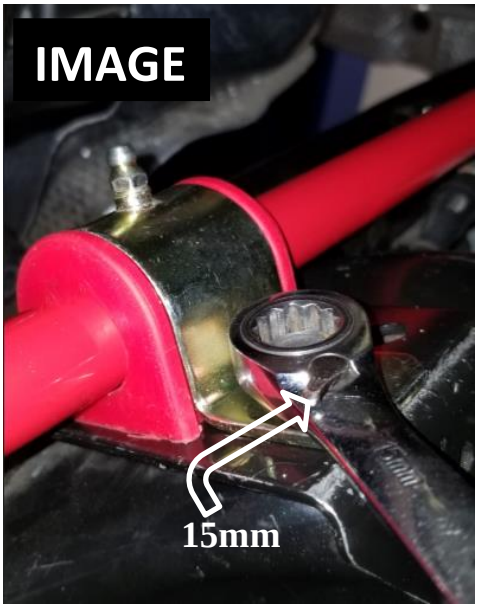
16. Install the new sway bar (**Image 9**) using the supplied Bushings and Bushing Saddles. Use the factory bolts to reattach the Sway Bar Bushing Saddle back to the crossmember as shown in **Image 10.**
17. Reinstall the end links and verify that the end of the sway bar and the end links are properly positioned and clear all of the suspension linkages.

(NOTE: If you need additional clearance for your Sway Bar or Sway Bar End Link, push your Sway Bar Bushing Saddles back toward the rear of the vehicle as much as possible. Depending on your vehicle, you may also need to remove a small amount of material from the Lower Control Arm or Spindle using a grinder)

18. Raise and re-install the rear crossmember in reverse order and refer to the chart below that lists all rear suspension torque specifications.

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.

SB110 INSTALLATION INSTRUCTIONS





DESCRIPTION	N·m	Ft. Lbs.	In. Lbs.
Brake Caliper Adapter Knuckle Bolts	115	85	—
Camber Link Crossmember Bolt	85	63	—
Camber Link Knuckle Bolt	98	72	—
Compression Link Crossmember Bolt	85	63	—
Compression Link Knuckle Bolt	81	60	—
Crossmember Mounting Bolts	180	133	—
Hub And Bearing Mounting Bolts	68	50	—
Hub Nut	213	157	—
Parking Brake Cable Knuckle Screw	8	—	71
Shock Absorber Mounting Bolts - Upper	52	38	—
Shock Absorber Mounting Bolt Nut - Lower	72	53	—
Spring Link Crossmember Bolt	108	80	—
Spring Link Knuckle Nut	142	105	—
Stabilizer Bar Isolator Retainer Bolts	61	45	—
Stabilizer Link Nuts	61	45	—
Tension Link Crossmember Bolt	85	63	—
Tension Link Knuckle Bolt	98	72	—
Toe Link Crossmember Nut	108	80	—
Toe Link Knuckle Bolt	95	70	—

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.

SB110 INSTALLATION INSTRUCTIONS

Attention: Polyurethane and Delrin bushings must be properly lubricated with a full synthetic grease only

A full synthetic grease must be used to lubricate the inner sleeve via the grease fitting, contact points such as the outside faces of the polyurethane bushing must also be greased. We recommend Green Grease/Super Lube full synthetic grease for best results.



Do not install bushings dry. Lack of proper lubrication may cause squeaking, binding, premature wear, reduced performance, or damage to the bushings and related components. Bushings should be inspected and re-greased as needed, especially in harsh driving conditions or high-use applications.

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.