

## SB044 FRONT SWAY BAR INSTALLATION INSTRUCTIONS

### TOOLS REQUIRED:

- Hydraulic jack and jack stands
- Wrenches and Sockets – 7 mm, 17 mm, 18 mm, 24 mm
- Long extension for sockets

### INSTALLATION:

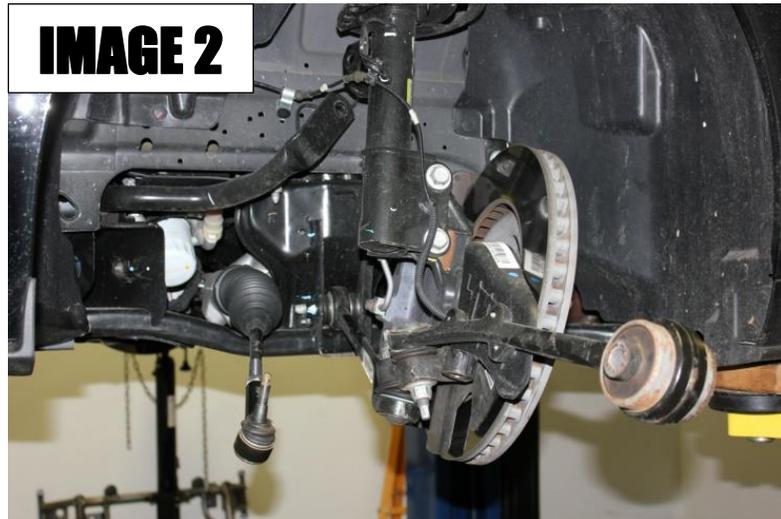
1. Lift the front of the vehicle and safely support it with jack stands under the cradle.
2. Remove both front wheels and tires.
3. Using a 7mm socket, remove all of the small screws that retain the underbody plastic cover. There are also various clips that can be removed with a flathead screwdriver.
4. Using a **17 mm** and **18 mm wrench**, remove the end links as shown in **IMAGE 1**.
5. Remove the tie rod at the spindle using an **18 mm socket**. Knock it loose from the spindle using a brass hammer or tie rod removal tool.
6. Remove the radius rod bolt using a **24 mm socket** and then swing the entire spindle and radius rod out of the way, as shown in **IMAGE 2**.

**Note:** On the driver's side, one of the sway bar saddle bolts is located under the alternator and needs to be removed with an **18 mm wrench** through the wheel well. It is optional, but removing the intake tube, intake air box, radiator shroud fans, and unmounting the coolant overflow tank will give you additional clearance in the engine bay to install the new sway bar.

**IMAGE 1**



**IMAGE 2**

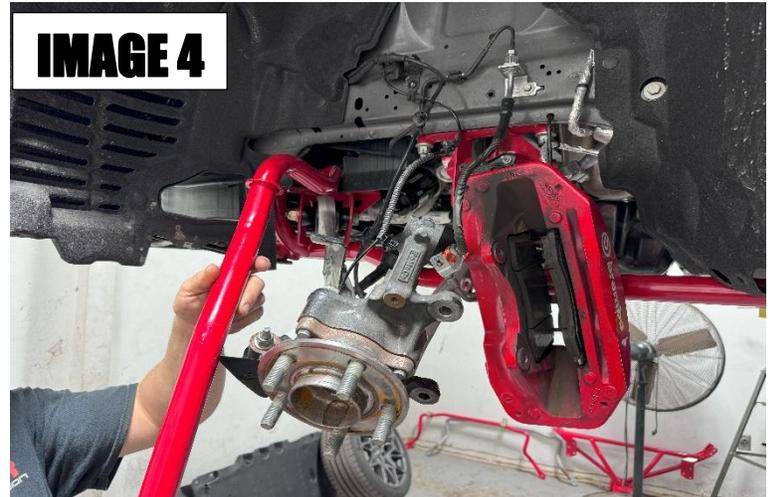


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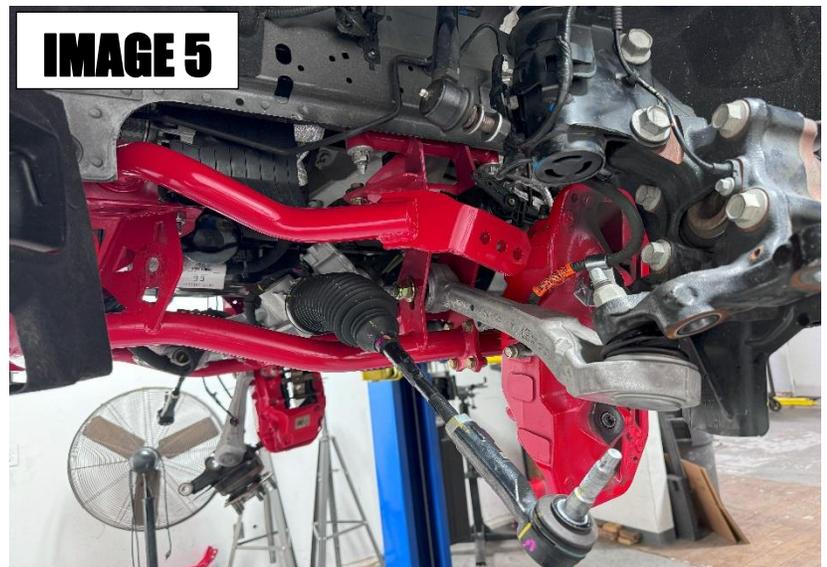
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7. Using a ratchet with an **18 mm socket and long extension**, remove the sway bar saddle bolts on the cradle from the top of the engine bay.
8. Pull the sway bar out of the driver's side wheel well, rotating as necessary until the bar is completely out. **IMAGE 3**
9. Install the BMR sway bar the same way, rotating as necessary until it is in position. **IMAGE 4**



10. It is possible to install the sway bar upside down; however, it will not fit properly. If installed correctly, the bar should match **IMAGE 5**.
11. Lube the insides of the BMR polyurethane bushings and install them over the sway bar. Place the saddles over the bushings, lining them up with the mounting holes.



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12. Re-install the stock sway bar bushing bolts and torque to **76 ft/lbs** using an **18 mm socket**. **IMAGE 6**



- 13. Reinstall the tie rod and torque it to **65 ft-lbs** using an **18 mm socket**.
- 14. Reinstall the radius rod and torque to **185 ft-lbs** using a **24 mm socket**.
- 15. Re-install the underbody plastic.
- 16. Re-install the wheels/tires.
- 17. Lower the vehicle.

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