



SB052 - Front and Rear Sway Bar Kit with Bushings - Adjustable

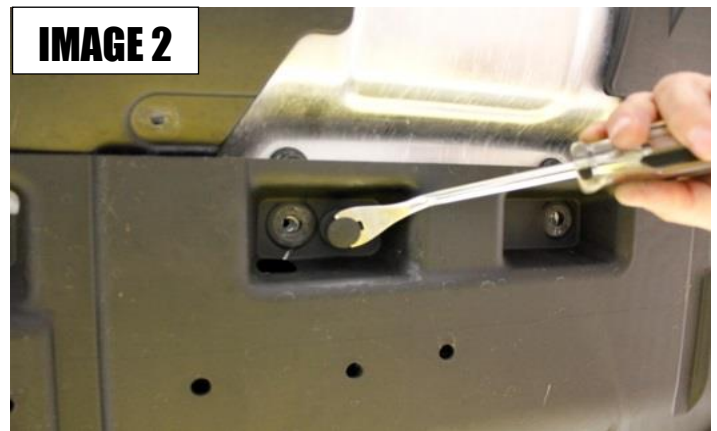
NOTE: For extreme racing conditions, it is highly recommended to use the CNC machined billet sway bar bushing mount with Delrin bushings (BMR part# SBB010).

RECOMMENDED TOOLS:

- Jack and Jack stands
- Deep well sockets – (7 mm, 10 mm, 13 mm, and 15 mm)
- T15 Torx socket
- Wrench – 19 mm, 15 mm, and 14 mm
- Ratchet
- 6 mm hex key
- Clip removal tool
- Pry-bar
- Universal joint

INSTALLATION:

1. Lift the front of the vehicle and support it with jack stands under the frame rails. Ensure your jack and jack stand placement doesn't interfere with the removal of the original sway bar.
2. Using a **7 mm socket**, remove all bolts holding the front splash shield, as seen in **IMAGE 1**.
3. Remove the large push-in clips with the **clip removal tool**, as seen in **IMAGE 2**.



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- Using a **10 mm socket**, remove all the bolts holding both lower splash shields, as seen in **IMAGE 3**.
- Using a **T15 Torx socket**, remove the bolts holding the splash shields in the wheel well, as seen in **IMAGE 4**.

IMAGE 3



IMAGE 4



- Carefully remove the splash shields from the wheel well.
- Using a **15 mm socket**, remove all the bolts holding the aluminum lower subframe brace and set it aside. **IMAGES 5 and 6**.

IMAGE 5



IMAGE 6



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- Using a **15 mm wrench** and **6 mm hex key**, remove both sway bar end links as seen in **IMAGE 7**.
- Using a **13 mm socket**, remove all (4) bolts holding the stock sway bar mounts, as seen in **IMAGE 8**.
NOTE: The use of a universal joint might be helpful for the steering rack side bolts.

IMAGE 7

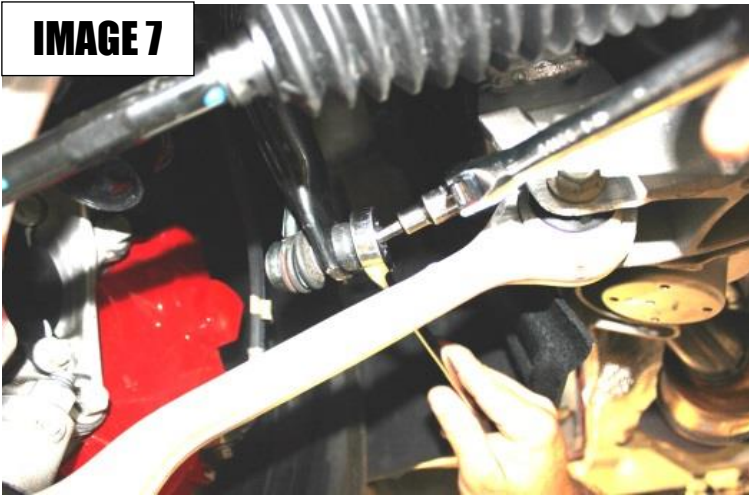


IMAGE 8



IMAGE 9



- Remove the OEM sway bar from the car. **IMAGE 9**

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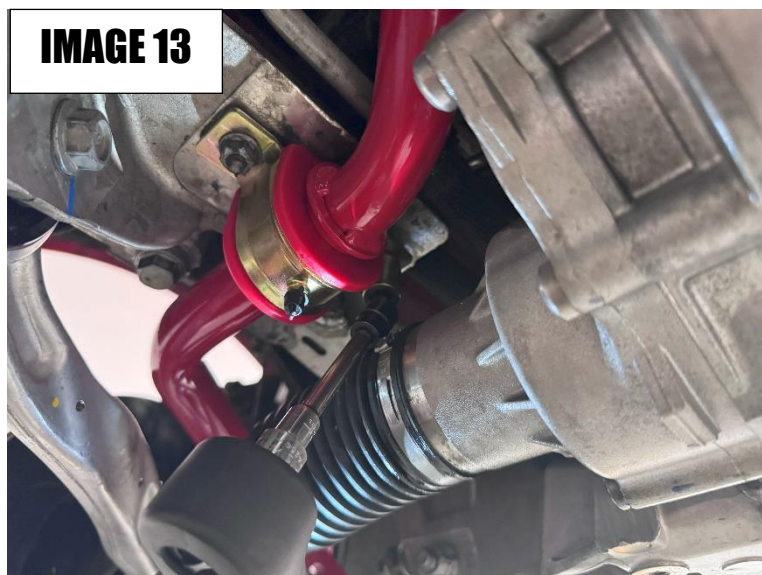
11. Pre-grease the sway bar bushing by rubbing grease on the inside of the BMR sway bar bushing.

12. Slip the bushing over the sway bar and rest it against the thrust washer, as seen in **IMAGES 10 & 11**.



13. Install the new BMR sway bar as seen in **IMAGE 12**

14. Thread the (4) 13 mm bolts to the sway bar bushing mount and leave them loose, as seen in **IMAGE 13**.



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- Using a **14 mm wrench** and a **19 mm wrench**, tighten the sway bar end links to **35 ft-lb**, as seen in **IMAGE 14**.

NOTE: if you have clearance issues with the sway bar, the bushing brackets are slotted so you can adjust the bar forward or backward as needed. To do so, keep the sway bar bushing bolts loose, and with a pry bar, push the sway bar either forward or rearward.

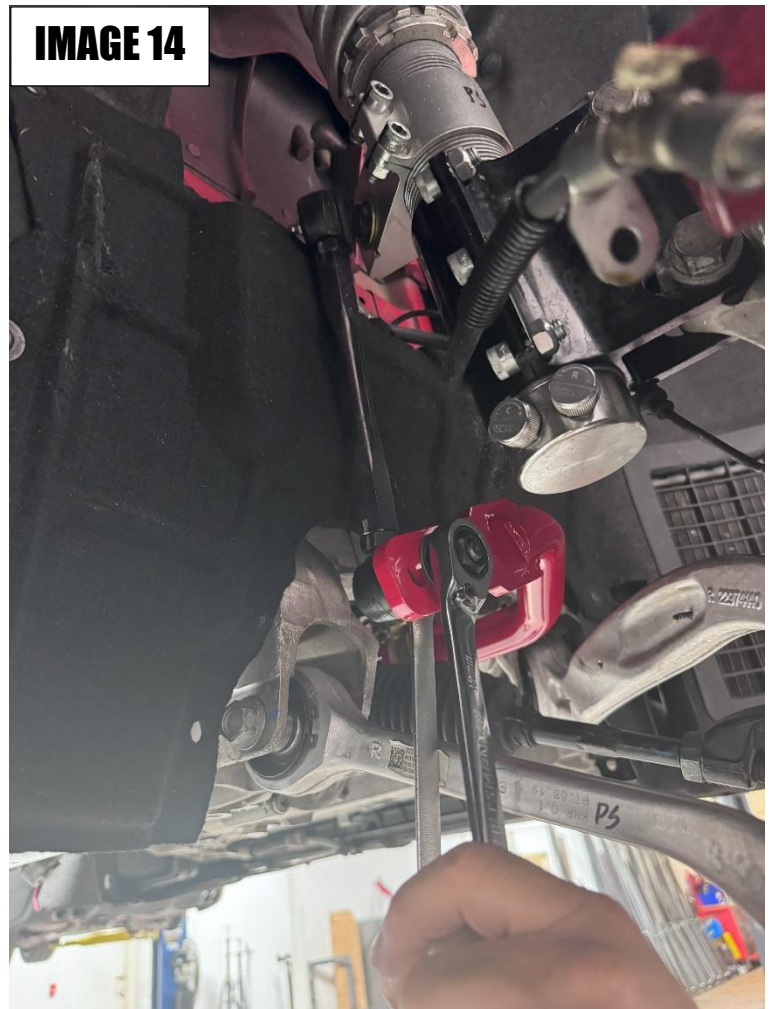
- Using a **13 mm socket**, tighten all (4) sway bar bushing mount bolts to **35 ft-lbs**.

IMAGE 13

- Grease the fittings on the sway bar bushings with **BMR part # SUL-41150** (Superlube Synthetic grease)

- Re-install the aluminum subframe brace and splash shields.

- Remove the jack stands and lower the vehicle.



Continue to the next page for the rear sway bar instructions.

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NOTE: For extreme racing conditions, it is highly recommended to use the CNC machined billet sway bar bushing mount with Delrin bushings (BMR part# SBB010).

RECOMMENDED TOOLS:

- Jack and Jack stands
- Deep well sockets – 15 mm, 10 mm, and 9/16
- Wrench – 15 mm
- Ratchet
- 5 mm and 5/16 hex key

INSTALLATION:

1. Lift the rear of the vehicle and support it with jack stands under the frame rails. Ensure your jack and jack stand placement doesn't interfere with the removal of the original sway bar.
2. Using a **10 mm socket**, remove the stock sway bar mounting bolts as shown in **IMAGE 15**.
3. Using a **15 mm wrench or socket**, disconnect both rear lower sway bar links from the hub assembly. **IMAGE 16**.

IMAGE 15



IMAGE 16

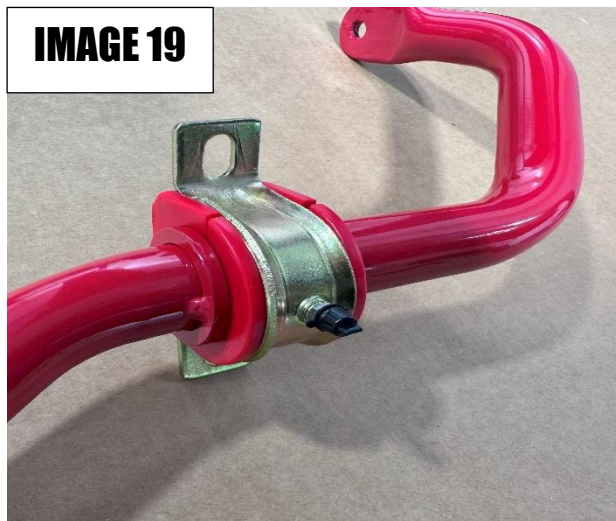


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4. Using a **15 mm socket** and a **5 mm hex key**, remove the upper sway bar end links on both sides, as seen in **IMAGE 17**.
5. Remove the original sway bar from the car.
6. Pre-grease the sway bar bushing by rubbing grease on the inside of the BMR sway bar bushing.
7. Slip the bushing over the sway bar and rest it against the thrust washer, as seen in **IMAGES 18 and 19**.
8. Install the new BMR sway bar with bushings and brackets. **IMAGE 20**

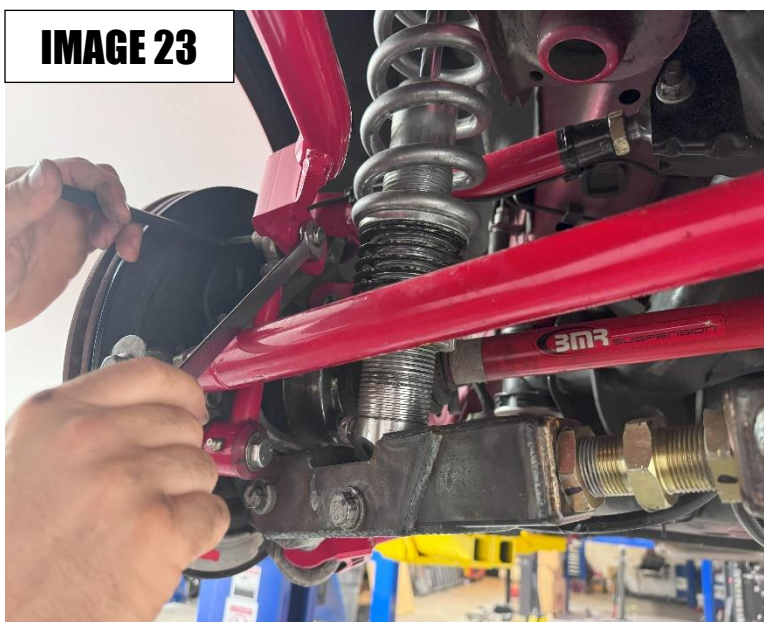
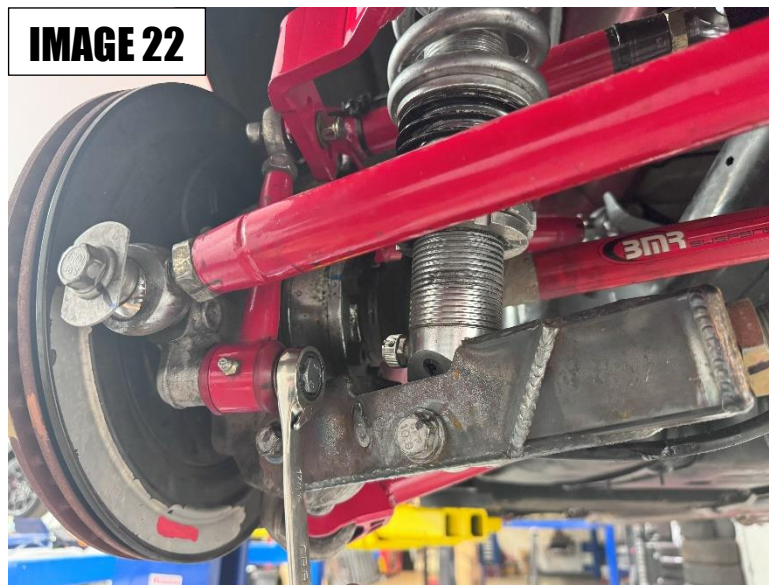
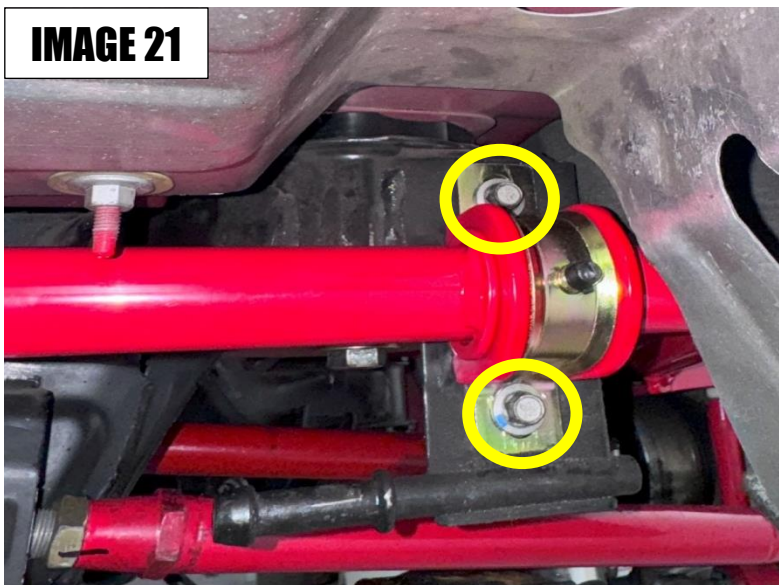


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- Using the (4) sway bar bushing 10 mm bolts, thread till finger tight. **IMAGE 21**
- Install the sway bar end links using a **15 mm wrench** for the bottom of the end link and a **9/16 wrench** and **5/16 Allen key** for the top of the end link; torque the top and bottom to **35 ft-lbs.**
IMAGE 22 and 23



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11. Using a **10 mm socket**, tighten the sway bar bushing bolts to **35 ft-lbs. IMAGE 24**
12. Grease the fittings on the sway bar bushings with **BMR part # SUL41150** (Superlube Synthetic grease)
13. Remove the jack stands and lower the vehicle.



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