



034Motorsport Billet Aluminum Rear Subframe Mount Insert Kit, B9 Audi A4



034 MOTORSPORT



Supplied Parts:

- 034Motorsport Billet Aluminum B9 Audi A4 Rear Subframe Insert – Front (Pair)
- 034Motorsport Billet Aluminum B9 Audi A4 Rear Subframe Insert – Rear (Pair)

Tools Needed:

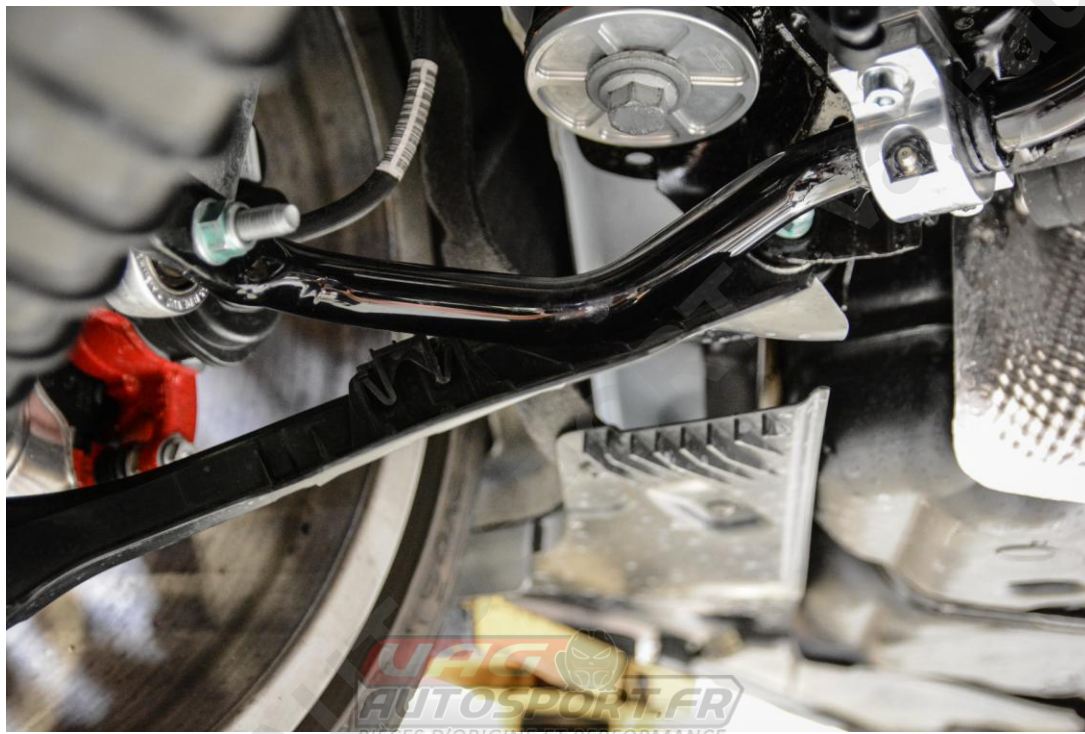
- 12" Extension
- 18mm Socket
- 21mm Socket
- Breaker Bar
- Pry Bar
- Grease
- Torque Wrench
- Lift, Ramps, or Jackstands

Installation of your 034Motorsport Billet Aluminum Rear Subframe Mount Insert Kit is a straightforward process that will take about 2 hours to complete.

Note: We recommend removing the rear sway bar for easy access to the front bushings of the rear subframe. See our [B9 Audi A4 Rear Sway Bar Install Guide](#) for a detailed DIY covering sway bar removal and installation.

Step 0 – Raise the vehicle securely using a lift, jackstands, or ramps in order to access the rear subframe.

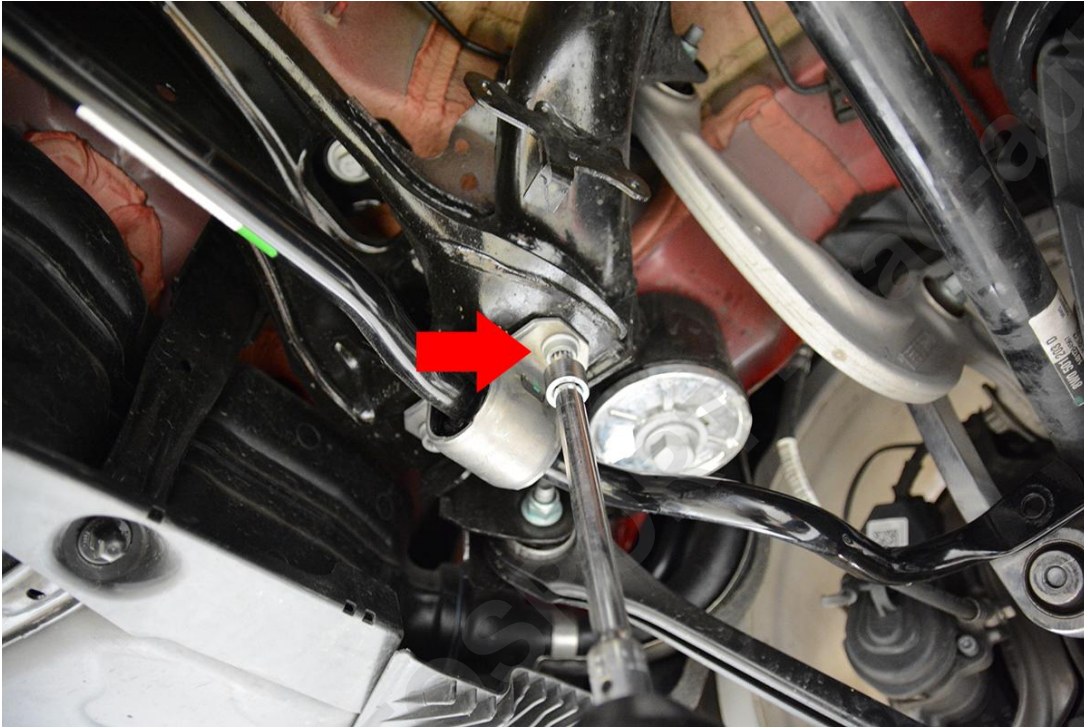
Step 1 – Some models (including the S4) may have an optional plastic cover on the underside of the rear toe link. Remove this plastic shield from both driver and passenger side toe links by simply pressing on the 2 edges of the clip to release.



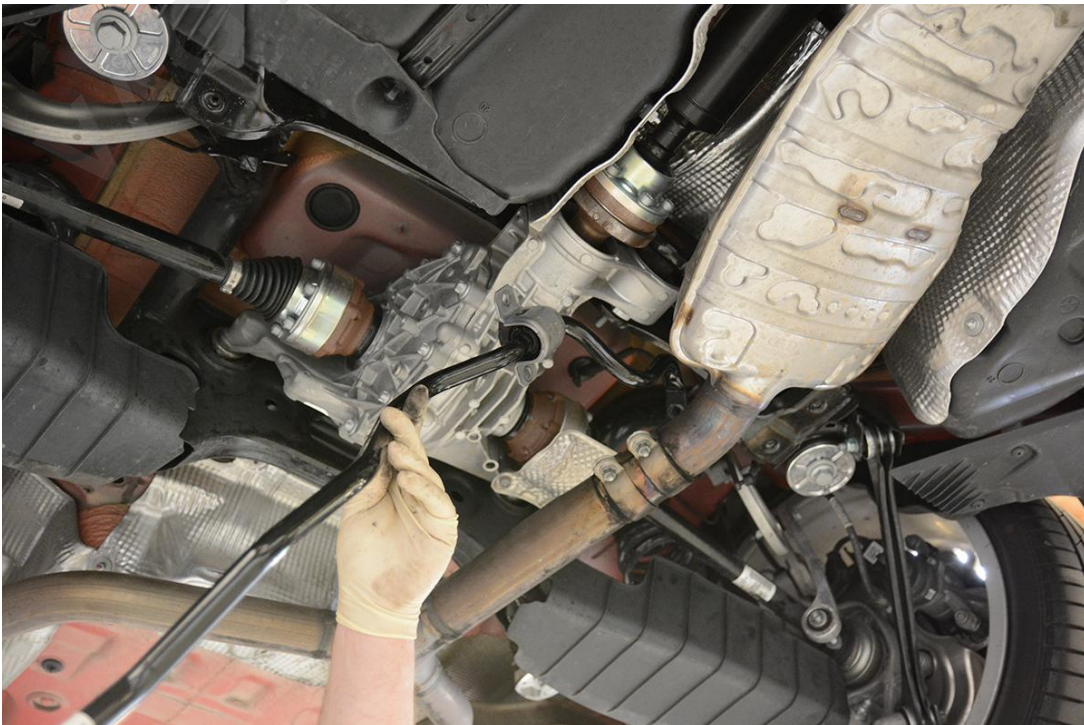
Step 2 – Remove the rear sway bar end link bolts and nuts, detaching the rear sway bar end links from the rear sway bar.



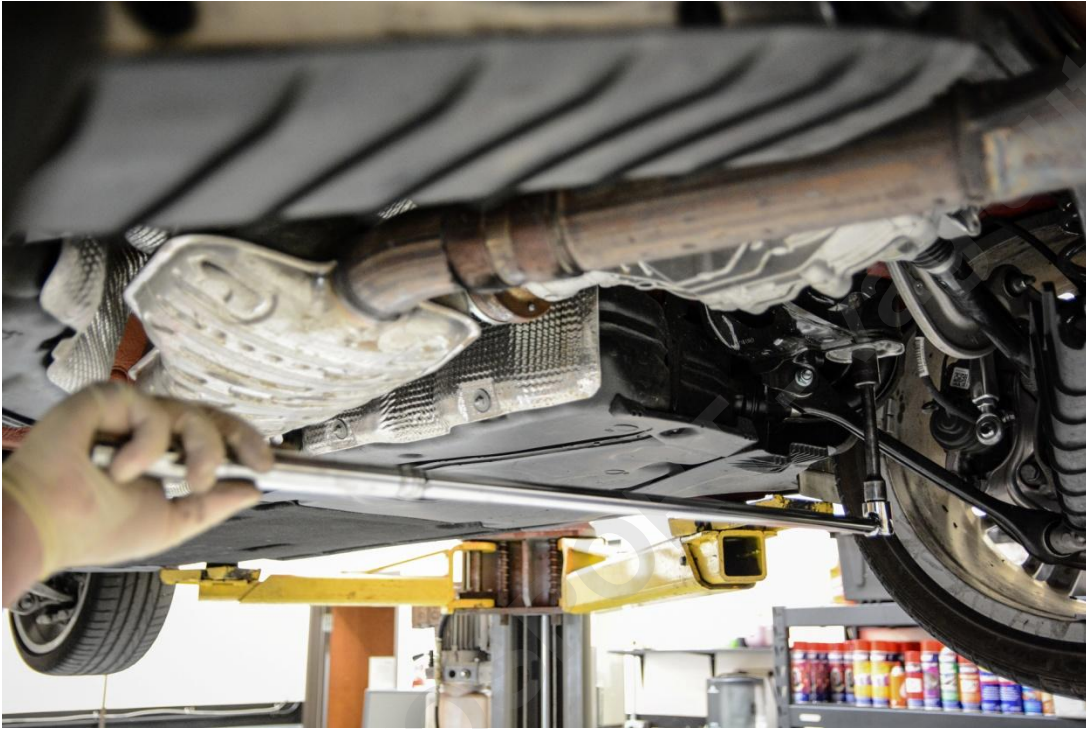
Step 3 – Remove the triple square bolts securing the factory sway bar mounting brackets to the rear subframe.



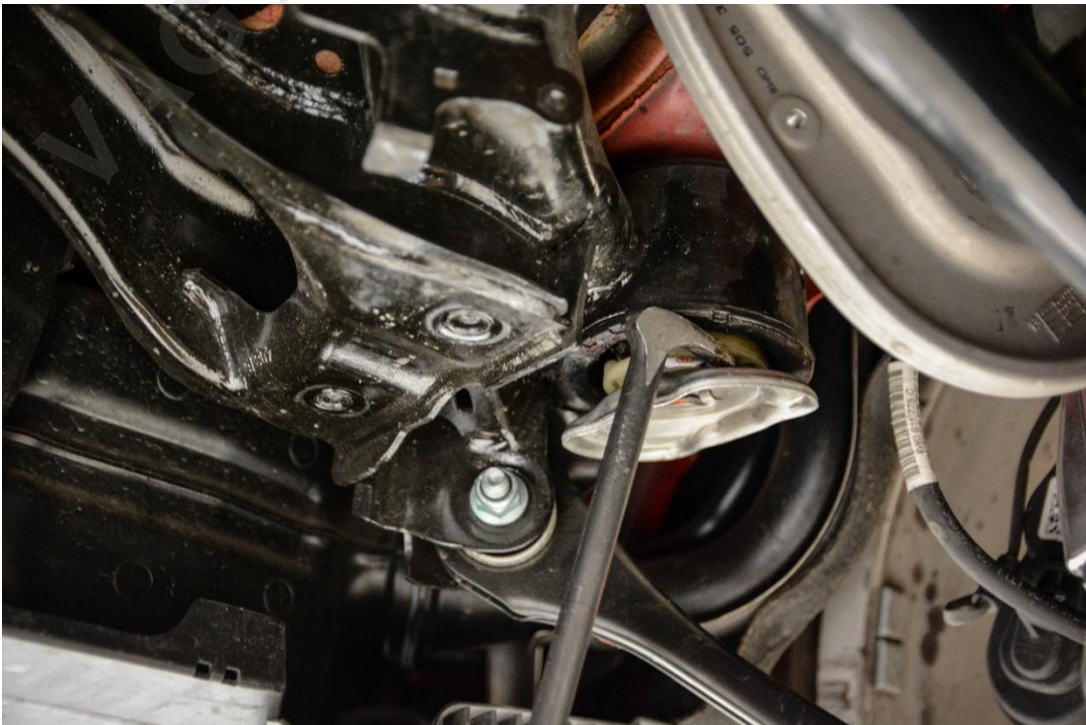
Step 4 – With the sway bar mounting brackets and end links removed, snake out the rear sway bar from underneath the vehicle.



Step 5 – Using a breaker bar and 21mm socket, loosen and remove the bolt securing the front subframe bushing.



Step 6 – Once the bolt is removed, use a pry bar to remove the factory metal collar from the rubber bushing.



Step 7 – Finally, remove the factory plastic retainer from the rubber bushing.



Step 8 –The front subframe bushing should be fully exposed and resemble the picture below.



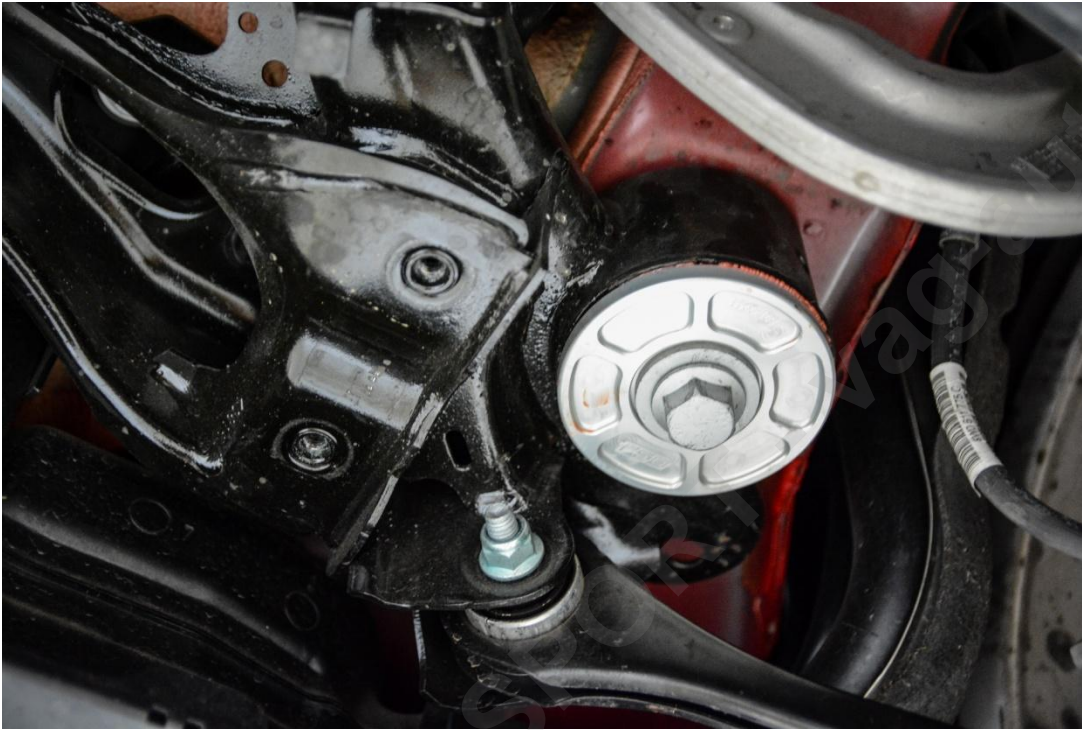
Step 9 – Apply a thorough coat of grease to the Front 034Motorsport Billet Aluminum Rear Subframe Mount Insert. (PN: 601-0044)



Step 10 – Insert the Front 034Motorsport Billet Aluminum Rear Subframe Bushing Insert into the factory rubber bushing, and secure using the factory subframe bolt and a 21mm socket.



Step 11 – Torque to **130 NM + 180 Degree Turn**.



Step 12 – Using an 18mm socket, loosen and remove the factory bolt securing the rear bushing of the rear subframe to the chassis.



Step 13 – With a pry bar, remove the factory metal retainer from the rubber bushing.



Step 14 – Remove the black plastic collar from the rubber bushing.



Step 15 - The rear bushing of the rear subframe should resemble the photo below.



Step 16 - Apply a coat of grease to the Rear 034Motorsport Billet Aluminum Rear Subframe Insert. (PN: 601-0045)

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Step 17 - Insert the Rear 034Motorsport Billet Aluminum Rear Subframe Bushing Insert into the factory rubber bushing, and secure using the factory subframe bolt and an 18mm socket. Torque to **90NM + 180 Degree Turn**.



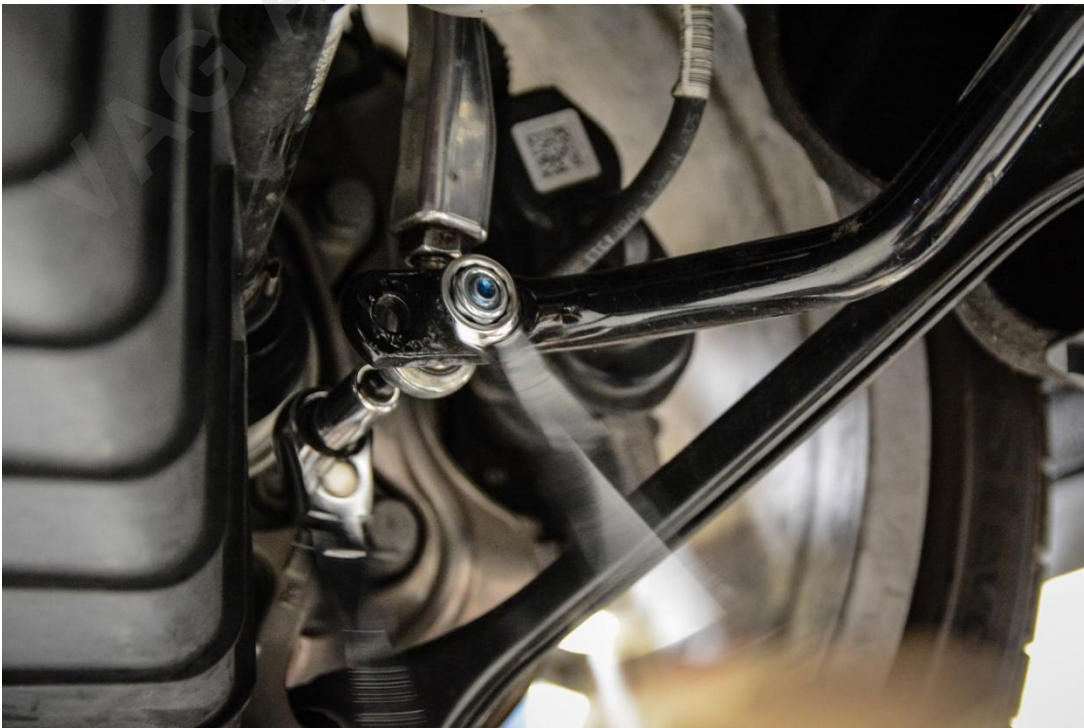
Step 18 - Repeat steps 4 through 17 to install the remaining 034Motorsport Billet Aluminum Rear Subframe Inserts for the other side of the rear subframe.



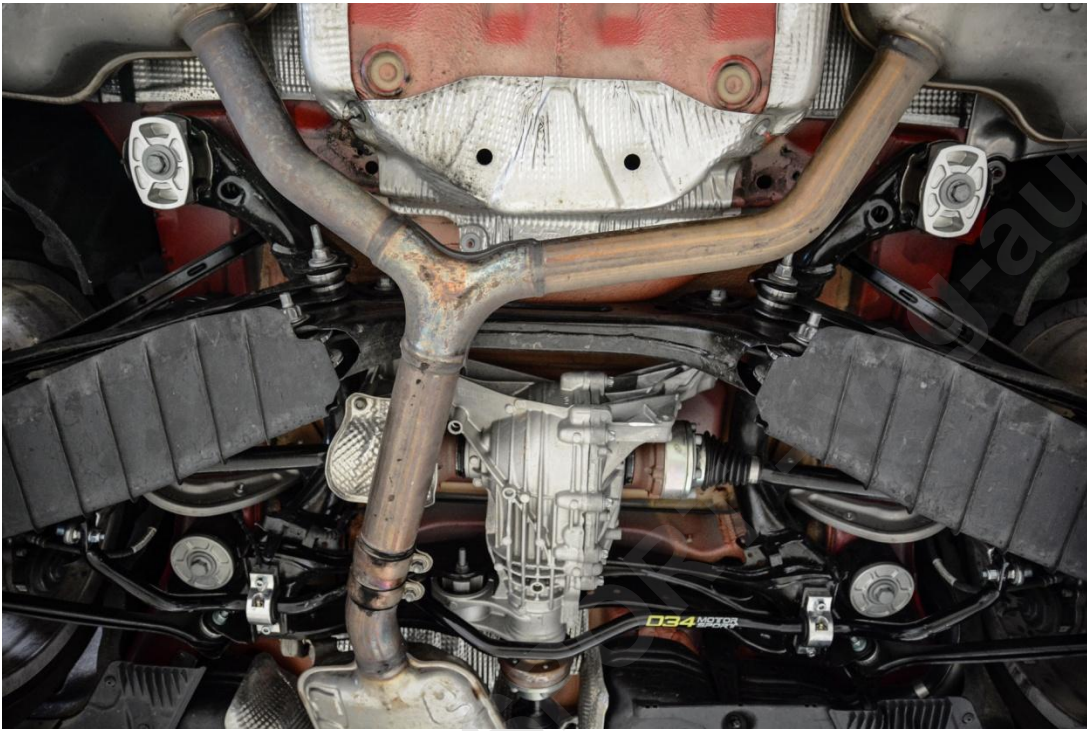
Step 19 - Once all four 034Motorsport Billet Aluminum Rear Subframe Inserts are installed and torqued to spec, reinstall the rear sway bar, beginning with the mounting brackets. **Note:** Hardware may differ from factory rear sway bar for aftermarket bars.



Step 20 - Reattach rear sway bar to rear sway bar end links. Torque end link hardware to **40Nm + 180 Degree Turn**. Torque rear sway bar mounting bracket bolts to **28 Nm**.



Step 21 - Check all hardware to ensure that everything is tight. Now go enjoy!



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