

Rear Subframe Mount Inserts for B8/B8.5 Audi S4/RS4,
S5/RS5, Q5/SQ5

**034 MOTORSPORT**

034Motorsport's Rear Subframe Insert Set for the Audi B8/B8.5 chassis is designed to minimize drivetrain movement and improve overall handling by locking down the rear subframe. By design, the billet 034Motorsport inserts fill the voids of the factory rubber mounts and limit subframe shifting during weight-transferring maneuvers.

Installation Spiciness Rating: MILD



Installation of your 034Motorsport Rear Subframe Insert Set is a straightforward process that will take approximately 90 minutes to complete.

Supplied Parts:

- (2x) 034 "forward" rear subframe inserts
- (2x) 034 "rearward" rear subframe inserts

Tools Needed:

- 18mm Socket
- 16mm Socket
- 10mm Socket
- T20 Torx Bit
- Pry Bar
- Torque Wrench
- Silicone Grease

About This Guide

This Install Guide documents the installation process on an B8 Audi S4. There may be minor differences depending on specific vehicle, market, options, etc.

This guide covers one side, repeat for other side of the car.

Getting Started

Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components, please contact:

customerservice@034motorsport.com

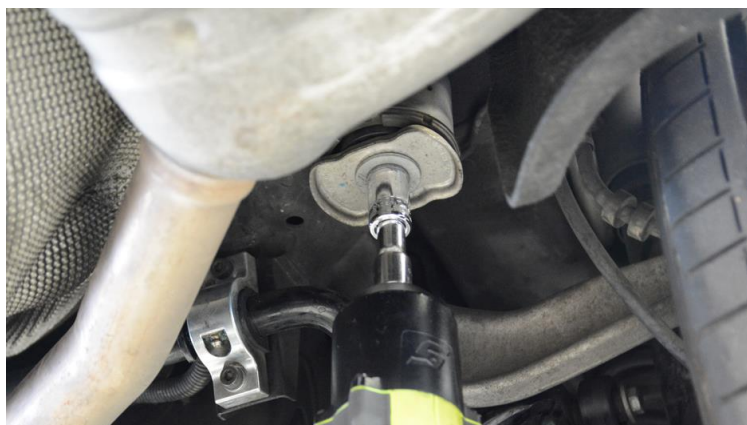
Install Steps

Step 1

Lift the car to access the rear subframe.

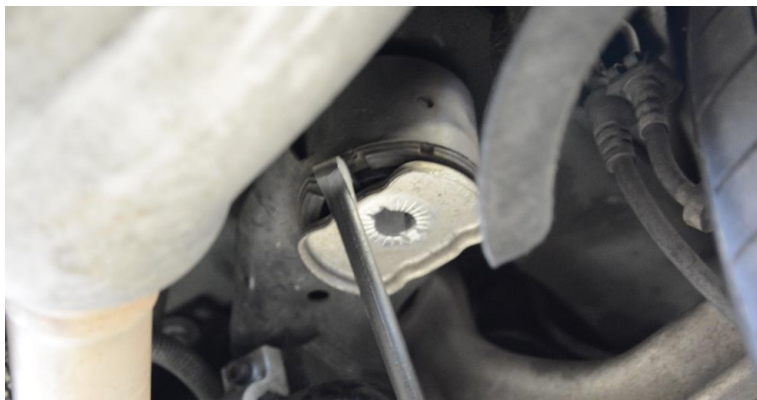
Step 2

Using an 18mm Socket, remove the rear bolt securing the rear subframe to the chassis.



Step 3

Once the subframe bolt is removed, use a small pry bar to separate the factory washer from the rubber bushing.



Step 4

Remove the factory washer and set aside.



Step 5

Remove the factory plastic isolator and set aside.



Step 6

Apply silicone grease to the insert as pictured below.

**Step 7**

Align the 034Motorsport Rear Subframe Insert (601-0034) with the voids in the factory subframe bushing.

**Step 8**

Install subframe bolt using an 18mm Socket. **Note:** We recommend replacing the original subframe bolts with new pieces, as they are stretch bolts that are intended for a one-time use.

**Step 9**

Torque new subframe bolt to **115 Nm + 90°**. If you opt to reuse the stock bolts, torque them to 120 Nm with Blue Loctite.



Step 10

Using a 10mm Socket, remove the rear-most nut securing the rear subframe cover.

**Step 11**

Using a 10mm Socket, loosen the inner front nut securing the rear subframe cover.

**Step 12**

Using a 10mm Socket, loosen the outer front nut securing the rear subframe cover.

**Step 13**

Using a T20 Torx driver, remove the two bolts securing the rear subframe cover.



Step 14

Unclip the front portion of the plastic cover and remove it.

**Step 15**

Using a 16mm Socket, remove the bolts securing the subframe mount bracket to the chassis.

**Step 16**

Using an 18mm Socket (some vehicles will require a 21mm socket), remove the bolt securing the front of the rear subframe to the chassis, and remove the steel subframe mount bracket.

**Step 17**

Use a small pry bar to separate the factory washer from the rubber bushing.



Step 18

Remove the factory plastic isolator and set aside.

**Step 19**

Apply silicone grease to the insert as pictured below.

**Step 20**

Align the 034Motorsport Front Subframe Insert (601-0033) with the voids in the factory subframe bushing.

**Step 21**

Reinstall the subframe mount bracket and bolt, tightening loosely to allow for alignment of the two additional bolts.



Step 22

Align the subframe mount bracket and reinstall the two 16mm bolts. Torque to 16mm bolts 55 Nm. Torque new subframe bolt to **115 Nm + 90°**. **If you opt to reuse the stock subframe mount bolt, torque to 120 Nm with Blue Loctite.**



Step 23

Slide the rear subframe cover back into place, and secure using the three 10mm nuts and two T20 Torx screws.



Step 24

Double-check the installation, and verify that everything is torqued to spec.

Step 25

Lower the vehicle from the lift or jackstands.

Step 26

You are done. Enjoy the upgrade.

