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

Supplied Parts:

- B8/B8.5 Audi S4/RS4/S5/RS5/Q5/SQ5 Rear Subframe Mount Insert – Front (601-0033) x 2
- B8/B8.5 Audi S4/RS4/S5/RS5/Q5/SQ5 Rear Subframe Mount Insert – Rear (601-0034) x 2

Tools Needed:

- Hands (2) *(Opposable thumbs are required!)*
- 18mm Socket
- 16mm Socket
- 10mm Socket
- T20 Torx Driver
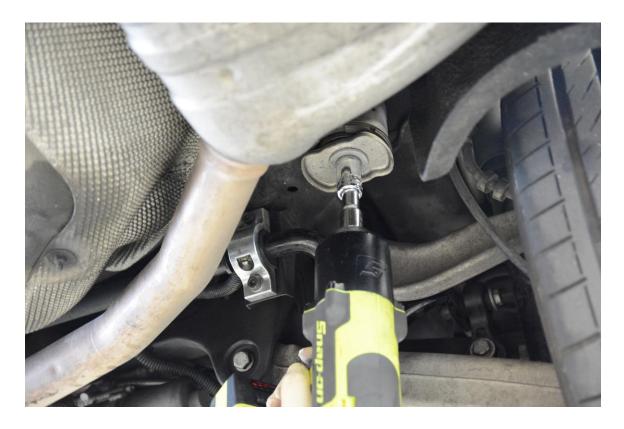- Silicone Grease
- Small Pry Bar
- Torque Wrench

034Motorsport's Rear Subframe Insert Set for the B8/B8.5 Audi S4/RS4, S5/RS5, and Q5/SQ5 is designed to minimize drivetrain movement and improve overall handling by locking down the rear subframe.

Installation of this upgrade is a straightforward process that will take approximately 90 minutes to complete. These instructions demonstrate how to install two inserts. Repeat this process to install the complete set of 4 inserts.
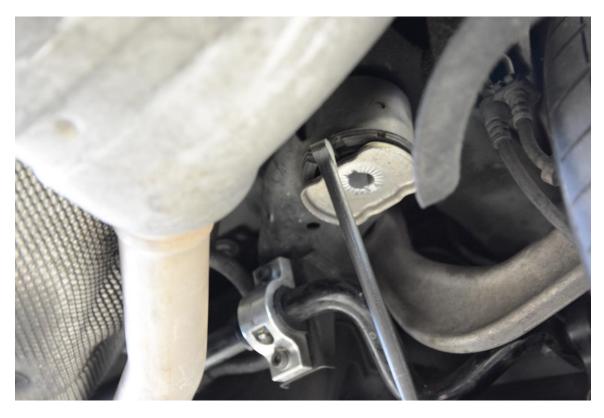
Important: Install the 034Motorsport Subframe Mount Inserts one at a time to avoid shifting the subframe!

Step 1 – Raise the vehicle securely on jackstands or a lift, in order to gain access to the rear subframe. **Important:** Install the 034Motorsport Subframe Mount Inserts one at a time to avoid shifting the subframe!
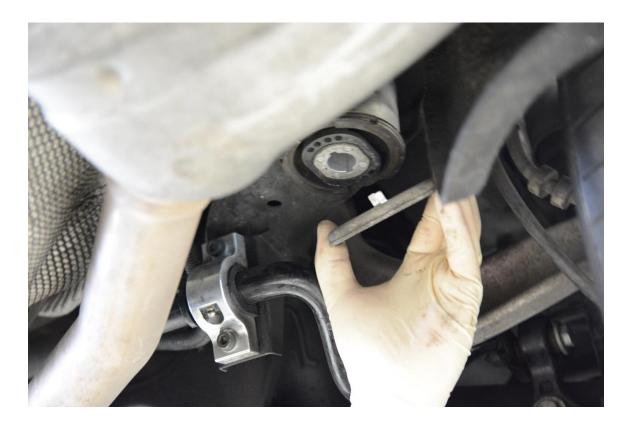
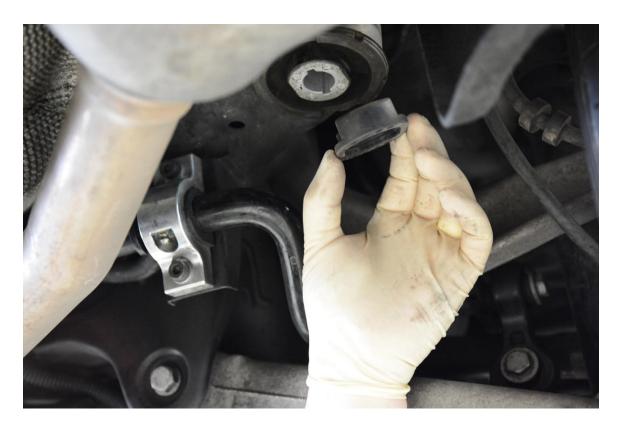**Step 2** - Using an 18mm Socket, remove the rear bolt securing the rear subframe to the chassis.

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.

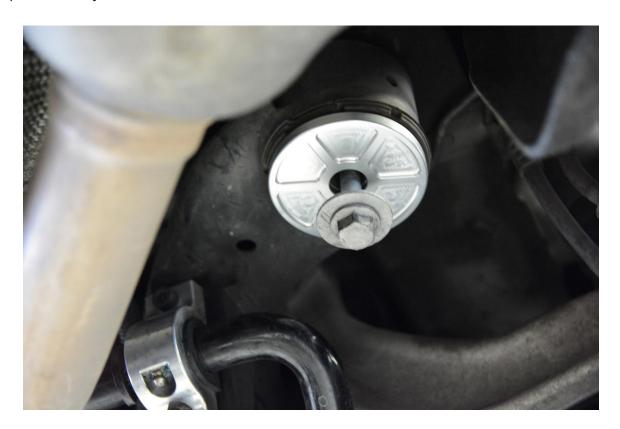**Step 4** –Remove the factory plastic isolator and set aside.

Step 5 –Apply silicone grease to the insert as pictured below.

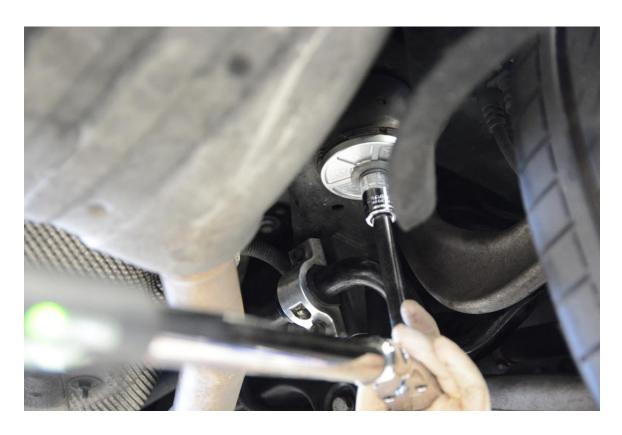**Step 6** – Align the 034Motorsport Rear Subframe Insert (601-0034) with the voids in the factory subframe bushing.
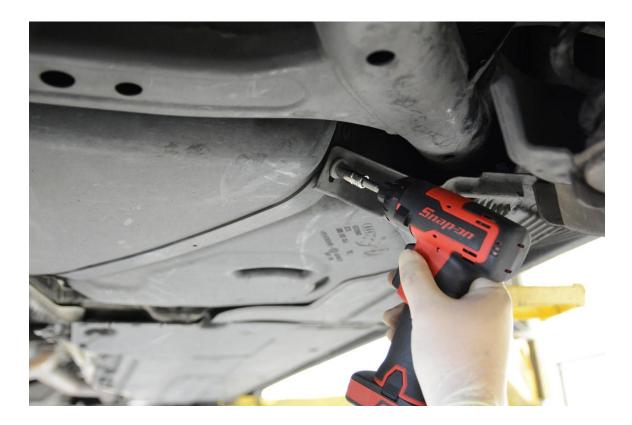
Step 7 – Install subframe bolt using an 18mm Socket. **Note:** We recommend replacing the original subframe bolts with new pieces, as they are stretch bolts that are intended for a one-time use**.**

Step 8 – Torque new subframe bolt to 115 Nm + 90° Turn. **If you opt to reuse the stock bolts, torque them to 120 Nm with Blue Loctite.**
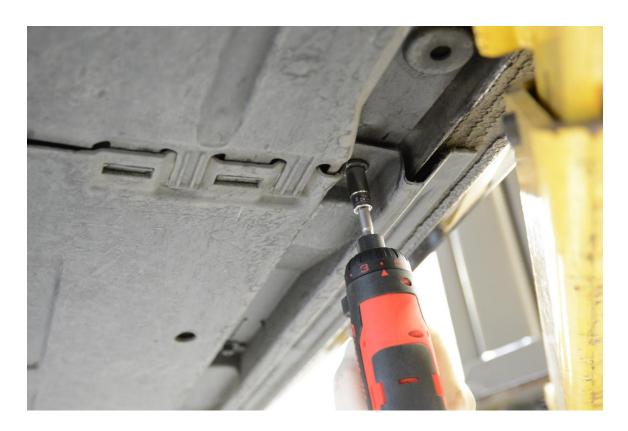
Step 9 - Using a 10mm Socket, remove the rear-most nut securing the rear subframe cover.

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

Step 11 – Using a 10mm Socket, loosen the outer front nut securing the rear subframe cover.

Step 12 –Using a T20 Torx driver, remove the two bolts securing the rear subframe cover.

Step 13 –Unclip the front portion of the plastic cover as shown below.

Step 14 – Using Brute Force ™ or Patience ™, remove the plastic cover.

Step 15 – Using a 16mm Socket, remove the two bolts securing the subframe mount bracket to the chassis.

Step 16 – Using an 18mm Socket, remove the bolt securing the front of the rear subframe to the chassis, and remove the steel subframe mount bracket.

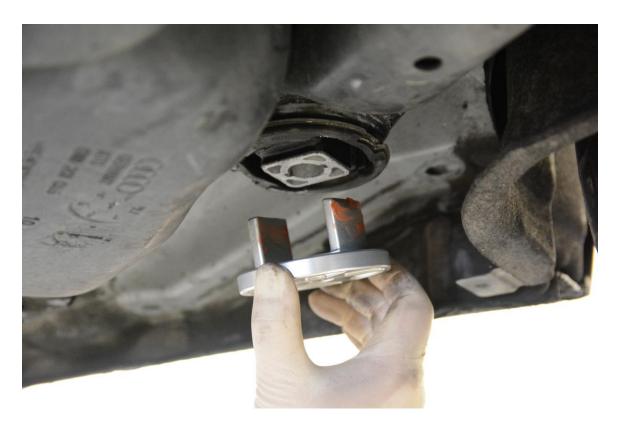**Step 17** – Use a small pry bar to separate the factory washer from the rubber bushing.

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 (601-0034) with the voids in the factory subframe bushing.
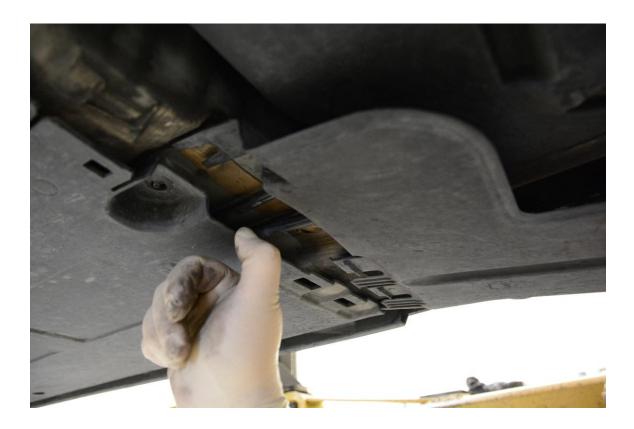
Step 21 – Reinstall the subframe mount bracket and bolt, tightening loosely to allow for alignment of the two additional bolts.

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° Turn. **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 – Repeat steps 2-23 on the other side of the vehicle to install the remaining two inserts.

Step 25 – Double-check the installation, and verify that everything is torqued to spec. Lower the vehicle from the lift or jackstands, and enjoy the improved performance!