REAR SWAY BAR, C8 A6/S6/ALLROAD

034Motorsport is proud to offer the ultimate sway bar upgrade package for the C8 Audi chassis. The 034Motorsport Dynamic+ Sway Bar Kit features perfectly-matched front and rear sway bars made from high-quality spring steel for maximum rigidity and durability. Designed to further reduce body roll and enhance steering feel than a rear sway bar upgrade alone, 034Motorsport's Dynamic+ Sway Bar Kit is the ideal upgrade for those in search of confidence-inspiring handling on the street and track.

Installation Spiciness Rating: MILD

Installation of your 034Motorsport Rear Sway Bar is a straightforward process that will take approximately 2 hours to complete.

Supplied Parts:

- (1x) 034 Rear Sway Bar
- (2x) 034 Rear Sway Bar Brackets with grease fittings
- (2x) 034 Rear Sway Bar Bushings
- (4x) M8 Washers
- Grease packet

Tools Needed:

- 16mm Wrench
- 10mm Wrench
- 21mm Socket
- 16mm Socket
- 10mm Socket
- 12mm Triple-square bit
- 10mm Triple-square bit
- 6mm Allen bit
- 5mm Allen bit
- T20 Torx bit
- Torque Wrench

Tools cont.:

- Small Punch/Screwdriver
- Pickle fork
- Pole Jack

About This Guide

This Install Guide documents the installation process on a C8 Audi A6 Allroad. There may be minor differences depending on specific vehicle, market, options, etc.

Getting Started

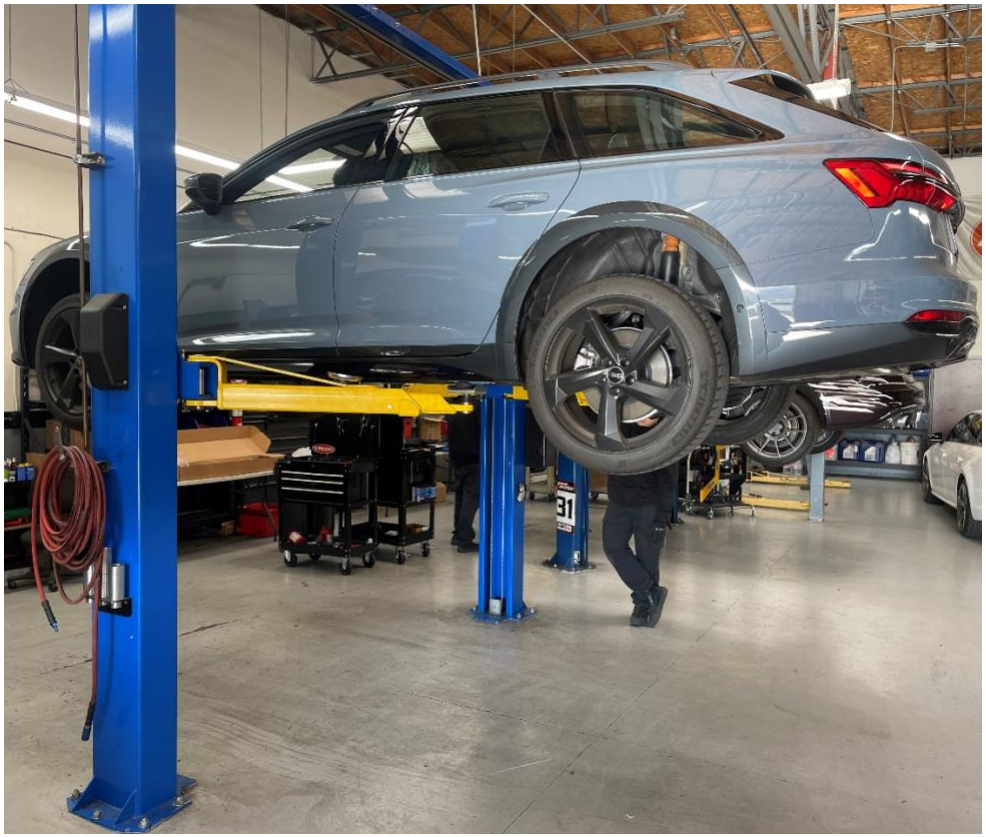
Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components,

Note: We took this opportunity to upgrade the rear end links as well. If you are reusing your factory end links, reinstall them the same way they were removed.

Install Steps

Step 1

Raise the vehicle securely to gain access to the rear sway bar.



Step 2

Using a T20 Torx, 10mm socket, pickle fork, and a small punch, remove the hardware for the rear underbody panels.

Step 3

Using a 16mm socket and wrench, loosen the upper end link hardware.

Step 4

Using a 16mm socket and wrench, remove the lower end link hardware.

Step 5

Use a pole jack to support the rear diff/subframe.
(Q7 shown below, but same concept)

Step 6

Using a 12mm triple-square, remove the rear brace bar hardware from one of the bars. No need to do both.

Step 6 cont.

Using a 21mm socket, remove the subframe bolt securing the brace bar to the rear subframe from one side. Loosely reinstall the subframe bolt after removing the brace bar.

Step 7

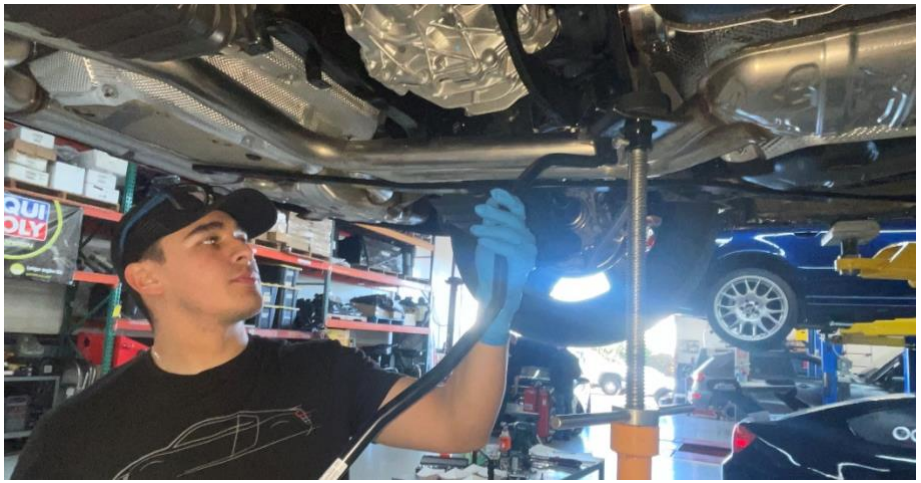
Using a 10mm triple-square, remove the hardware from the rear sway bar brackets.

Step 7 cont.

Note: We tried to do this without removing the brace bar. It didn't work. Follow step 6 and it's smooth sailing!

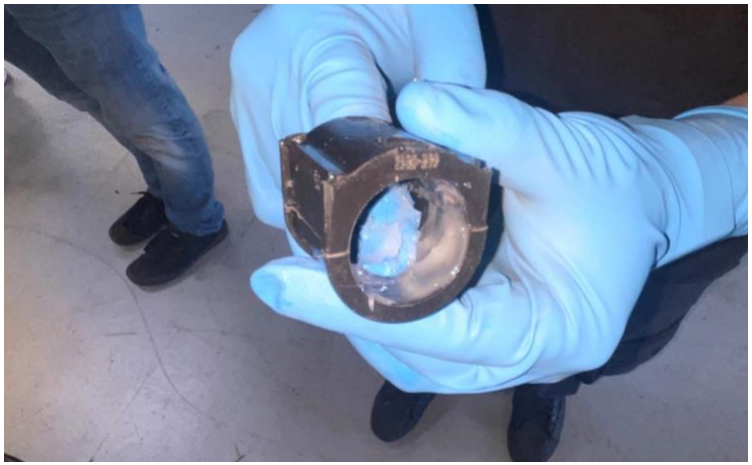
Step 8

You can now safely extract the stock rear sway bar.



Step 9

Apply grease to the rear sway bar bushings.



Step 10

Separate the bushings along the split and wrap them around the sway bar.

Step 11

Snake the 034 rear sway bar into position. Hang the bar on the lower endlink hardware.

Step 12

Place the 034 sway bar brackets over the bushings. Using a 6mm Allen bit, secure the brackets to chassis using the supplied M8 hardware. Torque to **25Nm+90°.**

Step 13

Attach the nut to the lower front end link.

Torque to **40Nm + 90°.** (Use a 5mm Allen to counter hold the bushing stud for 034 end links.)

Step 14

Remove the loosely installed subframe bolt. Reinstall the brace bar using a 12mm triple-square. Using a 21mm socket, reinstall the subframe bolt to secure the brace bar.

Step 15

Torque the subframe bolt to **130Nm +180°.**

Step 16

Tighten the upper front end link hardware.

Torque to **40Nm + 90° at ride height.**

Step 17

Using a T20 Torx and 10mm socket, reinstall the rear underbody panels.

Step 18

Lower the car back down.

Step 19

You are done! Enjoy the crisp handling and responsiveness.