

C8 RS6 Sway Bar Kit**034 MOTOR SPORT**

The 034Motorsport Dynamic+ Sway Bar Kit for C8 Audi RS6 features perfectly matched front and rear sway bars designed to reduce body roll, improve turn in, reduce understeer and enhance steering feel. 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: SPICY**

Installation of your Adjustable Rear Sway Bar is a straightforward process that should take approximately 5 hours to complete.

**Supplied Parts:**

- 034 Adjustable Rear Sway Bar
- (2x) 034 Sway Bar Brackets w/ hardware
- (2x) 034 Sway Bar Bushings
- (2x) 034 Rear End Links w/ hardware
- (2x) Anti-seize Packets
- (2x) Grease Packets

**Tools Needed:**

- (2x) 16mm Wrenches
- M12 Triple-square bit
- M10 Triple-square bit
- 21mm Socket
- 16mm Socket
- 13mm Socket
- 10mm Socket
- T25 Torx
- M6 Allen bit
- Pickle Fork
- Torque Wrench
- Exhaust Hanger tool
- Small Pick

#### 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](mailto:customerservice@034motorsport.com)

#### About This Guide

This Install Guide documents the installation process on an C8 Audi RS6. There may be minor differences depending on specific vehicle, market, options, etc.

**We highly recommend getting an alignment after installation.**

### Assembly Steps

#### **Step 1**

Open hardware packages.



#### **Step 2**

Apply half packet of anti-seize to each ball joint.



#### **Step 3**

Run the jam nut down the shaft to disperse the anti-seize along the entire threaded portion.



#### Step 4

Thread the ball joints into the billet end links.

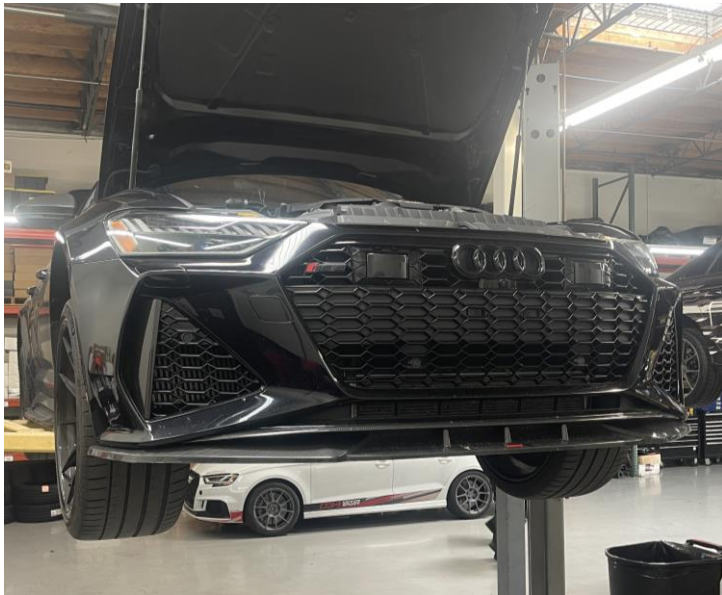


You are now ready to start the installation process.

#### Install Steps

##### Step 1

Lift the car to access the underside.



#### Step 2

Remove the rear wheels.

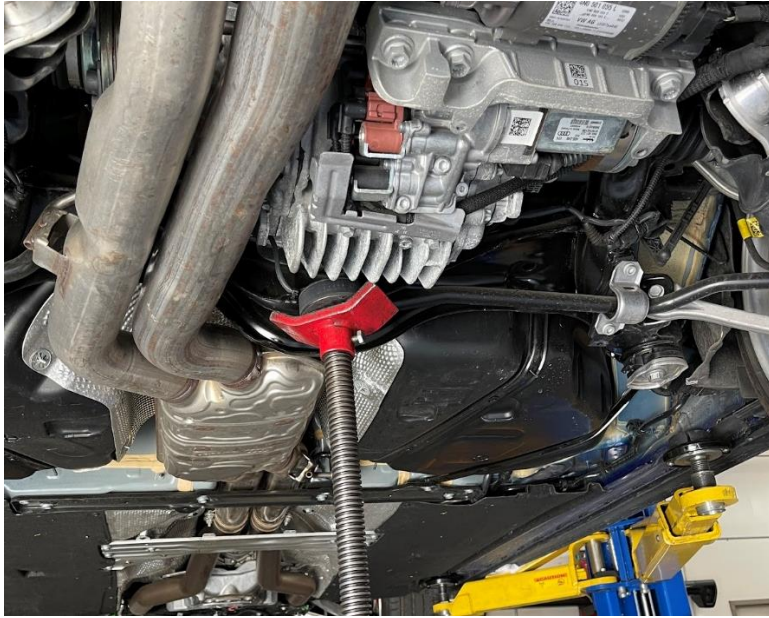
#### Step 3

Using a T25 Torx, 10mm socket, a pickle fork, and a small pick, remove the rear skid plate hardware.



#### Step 4

Place a pole jack under the rear subframe.



#### Step 5

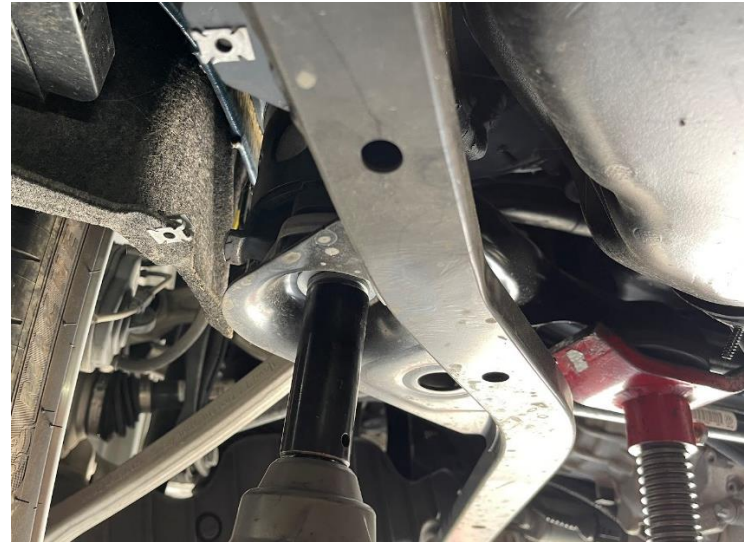
Using an M12 Triple-square bit, remove the hardware to the subframe support struts.



#### Step 6

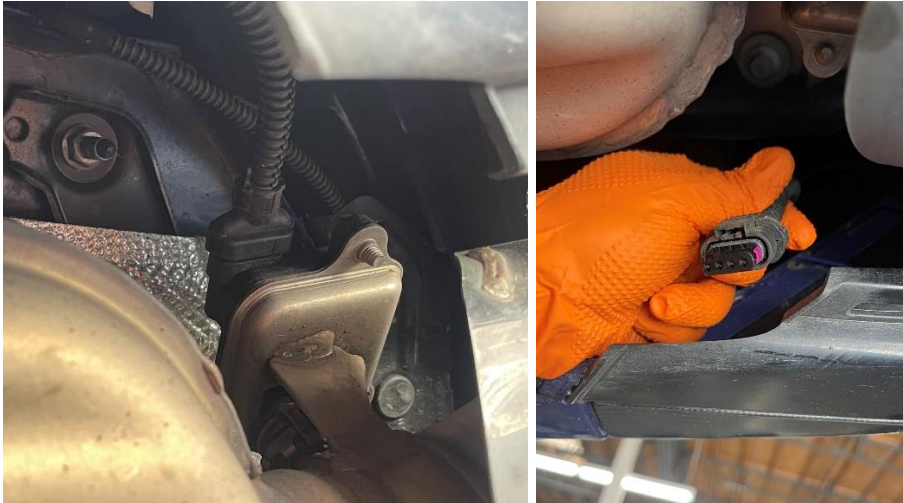
Using a 21mm socket, remove the subframe bolt, remove the support, and reinstall the bolt into subframe, **one side at a time**. Secure the bolt all the way but do not torque it yet.

Remove the pole jack.



**Step 7**

Unplug the exhaust valve connectors near the exhaust tips.

**Step 8**

Using a pole jack, support the exhaust by the muffler.

**Step 9**

Using a 13mm socket, remove the hardware securing the exhaust hangers. Be mindful of the black plastic tab that shares a bolt location with the rearmost exhaust hanger on the left-hand side.

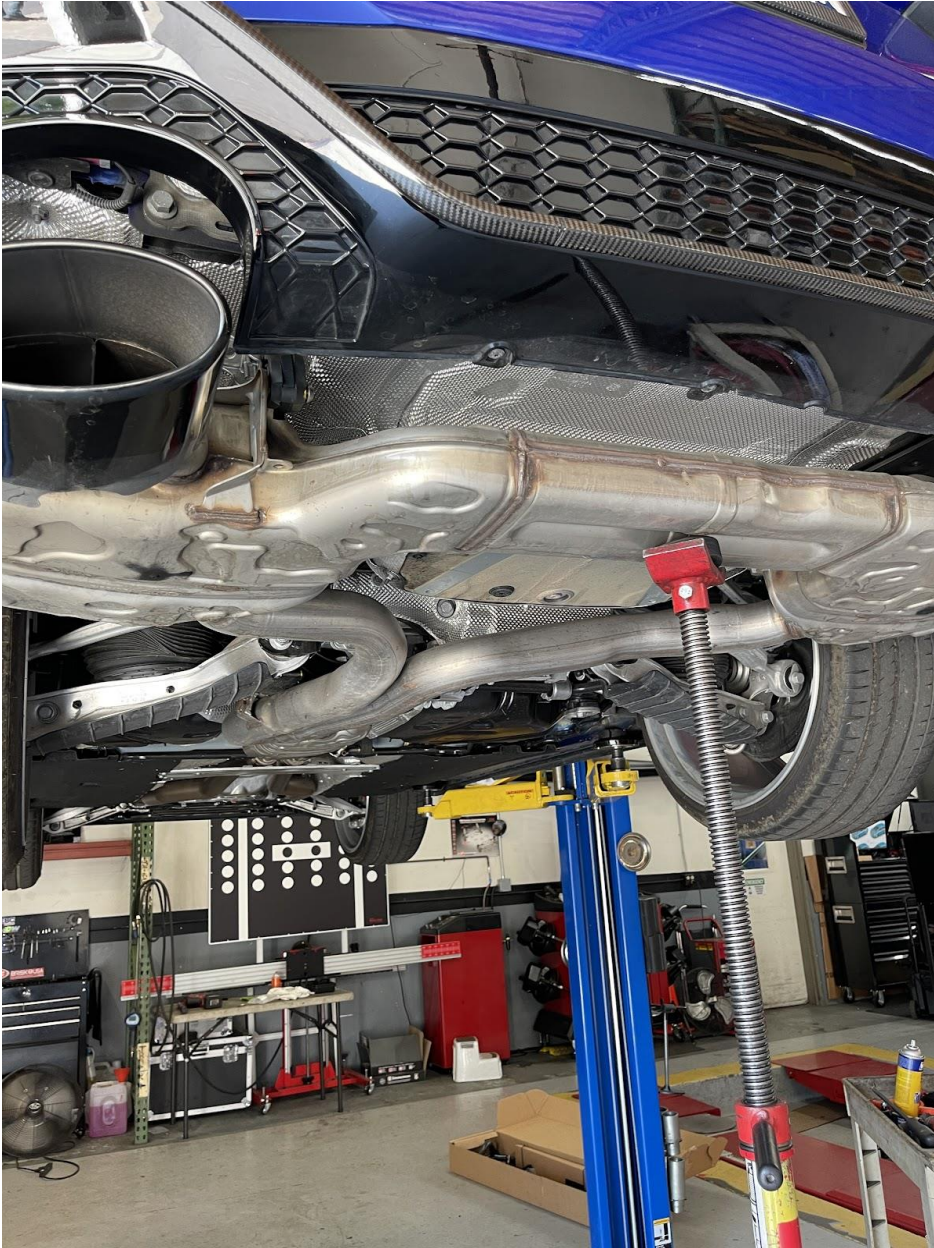
**Step 10**

Using an exhaust hanger tool, separate the bushings from the hangers all the way up to the chassis brace.



**Step 11**

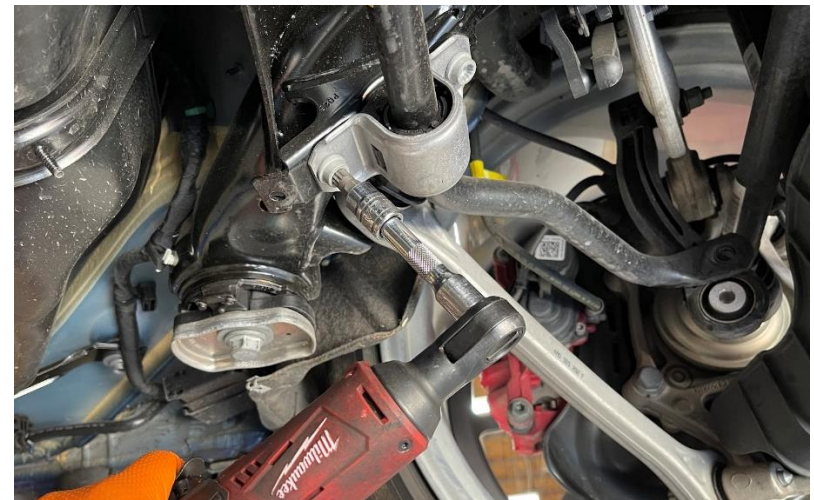
Lower the exhaust system a few inches.

**Step 12**

Using (2x) 16mm wrenches, remove the lower end link hardware.

**Step 13**

Using an M10 Triple-square bit, remove the sway bar bracket hardware.



**Step 14**

Carefully remove the rear sway bar.

**Step 15**

Using a 16mm socket, remove the upper end link hardware.

**Step 16**

Using a 16mm socket, loosely install the upper end link hardware.

**Step 17**

Grease the bushings and put them on the sway bar.



#### Step 18

Carefully install the 034 rear sway bar. Loosely secure it to the end links.



#### Step 19

Using a 6mm Allen bit, secure the sway bar with the brackets.



#### Step 20

Torque the sway bar bracket hardware to **25Nm+90°**.



#### Step 21

Use the Zerk fitting to grease the sway bar bushings.





**Step 22**

Reinstall the exhaust onto the hanger bushings.

**Step 23**

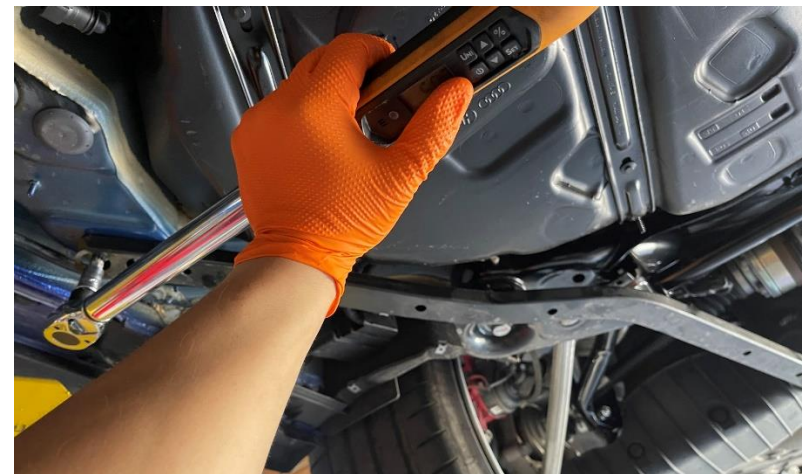
Reconnect the exhaust valve plug ends.

**Step 24**

Using a 21mm socket, remove the old subframe bolt, reinstall the support, and install a new bolt into subframe, **one side at a time**. Torque to **130Nm+180°**.

**Step 25**

Using an M12 Triple-square bit, reinstall the hardware to the subframe support struts. Torque to **50Nm+90°**.



**Step 26**

Using a T25 Torx, 10mm socket, a pickle fork, and a small pick, remove the rear skid plate hardware.

**Step 27**

Reinstall the rear wheels.

**Step 28**

Lower the car and tighten the rear end link hardware.

Torque to **40Nm**.

**Step 29**

Enjoy the upgrade!

