

[034Motorsport Track Spec Sway Bar Kit, B9 Audi A4/S4, A5/S5, Allroad](#)

**034 MOTOR SPORT**

Designed to further reduce body roll and enhance steering feel than a rear sway bar upgrade alone, 034Motorsport's Track Spec Sway Bar Kit is the ideal upgrade for those in search of confidence-inspiring handling on track.

### Installation Spiciness Rating



(Spicy)

Installation of your 034Motorsport Track Spec Sway Bar Kit is a complex process. We recommend professional installation by an experienced Audi/Volkswagen specialist.

### Supplied Parts:

- 034Motorsport Track Spec Front Sway Bar
- 034Motorsport Track Spec Rear Sway Bar
- Sway Bar Bushings (4)
- Sway Bar Mounting Brackets & Spacers
- Installation Hardware

### Tools Needed:

- **Sockets** – 10mm 6-Point, 13mm 6-Point, 18mm 6-Point
- **Bits** - T25 Torx, T30 Torx, 14mm Triple Square
- **Wrenches** – 16mm Wrench (2)
- Torque Wrench, Extensions

## About This Guide

This Install Guide documents the installation process on a 2018 Audi S4. The actual installation process for your vehicle may vary by model, due to factory options, or because of existing aftermarket modifications you have installed.

## Getting Started

- Ensure you have all parts and tools required for installation by reading the complete Install Guide.
- Raise your vehicle securely using a lift.
- Remove the front wheels to gain access to necessary components.

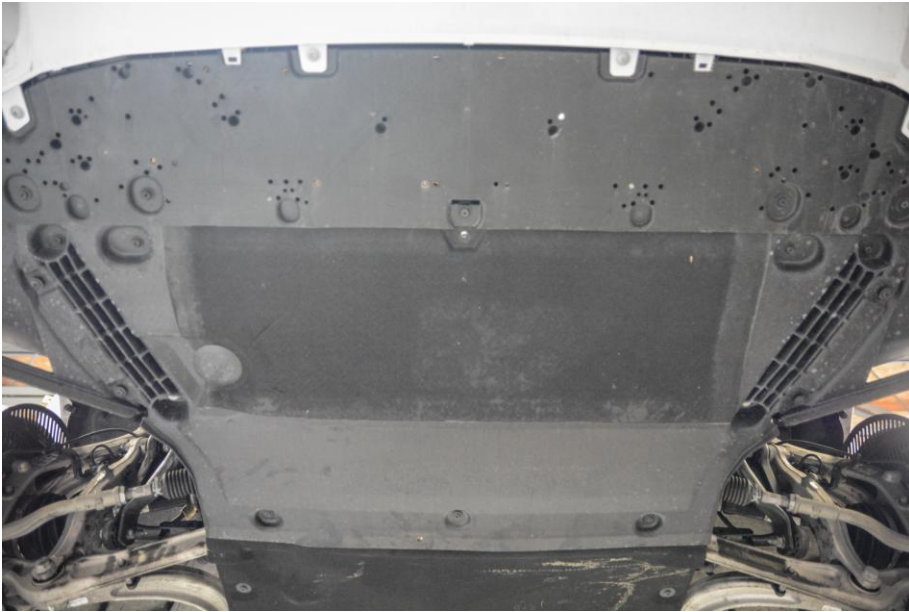
## Step 1

Using a T25 Torx bit, remove the single screw securing the 2 plastic splash guards together on each side. Retain all parts for reinstallation.



## Step 2

Using a combination of T25 and T30 Torx bits, remove all screws securing underbody shield to the car.



## Step 3

Using a 13mm 6-Point Socket, loosen the two bolts securing the underbody shield to the chassis.



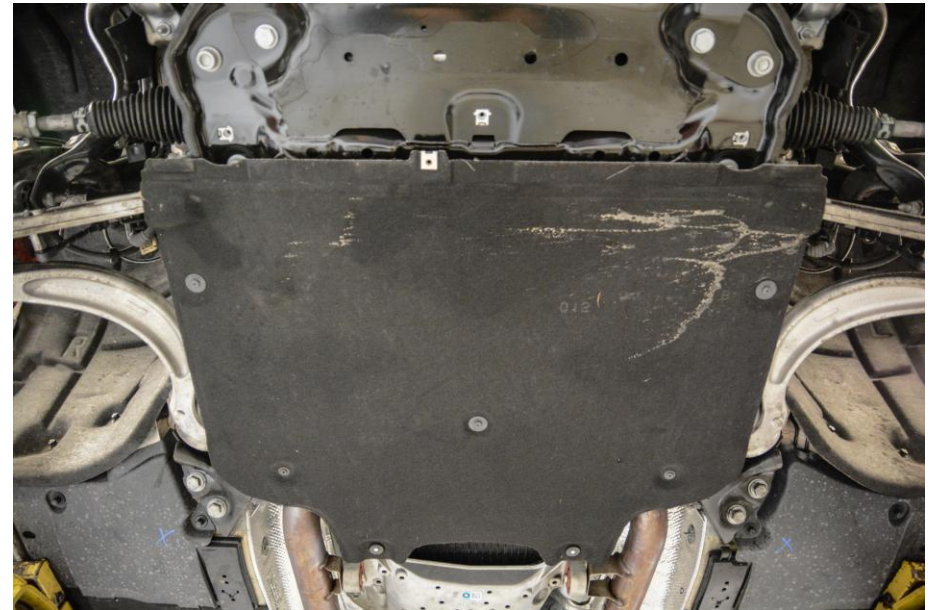
## Step 4

The front underbody shield should now be free to remove from the car.



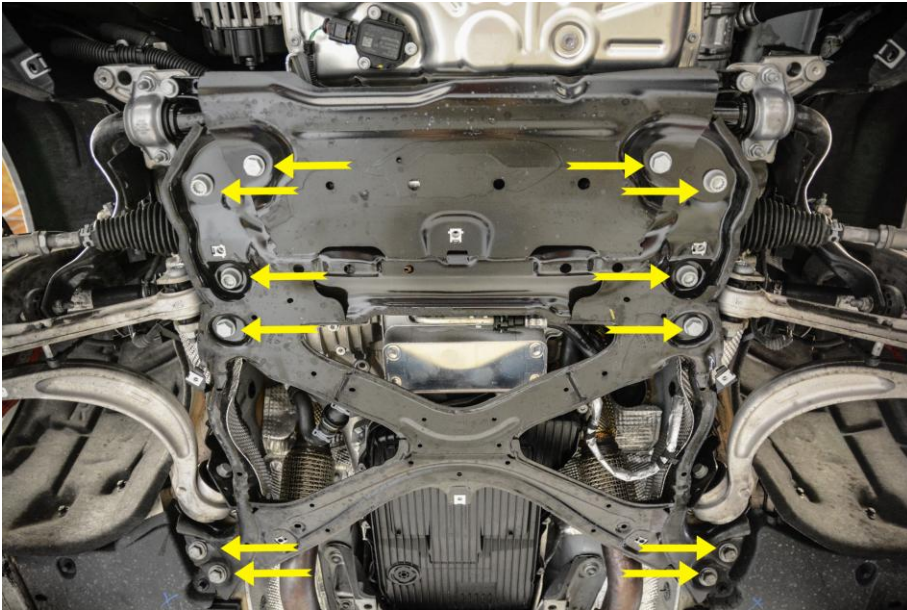
## Step 5

Using a combination of T25 and T30 Torx bits, remove the screws securing the rear portion of the underbody shield. Retain all parts for reinstallation.



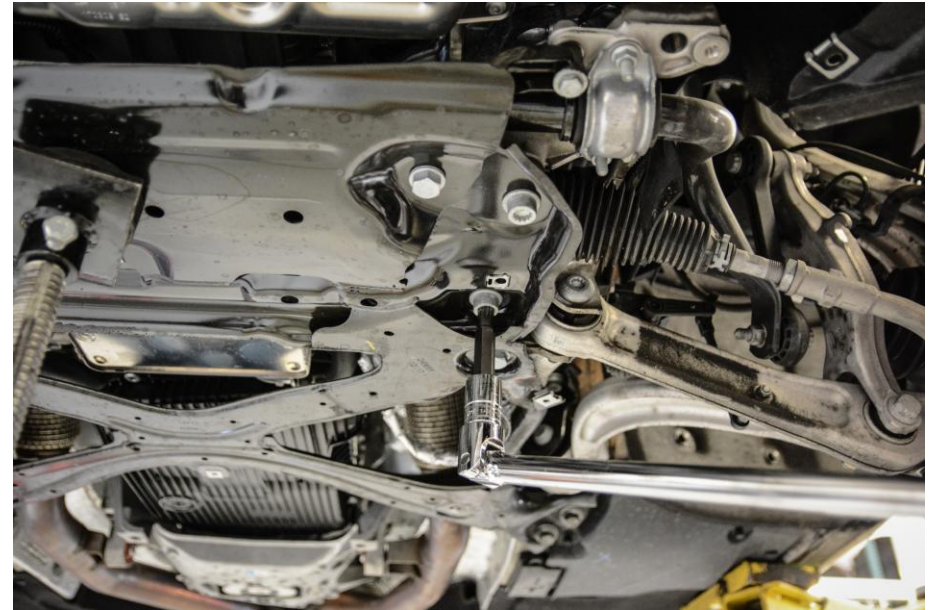
## Step 6

There are a total of 14 bolts securing the front subframe to the chassis (12 seen in photo). Position a pole jack underneath the front subframe to prepare for lowering.



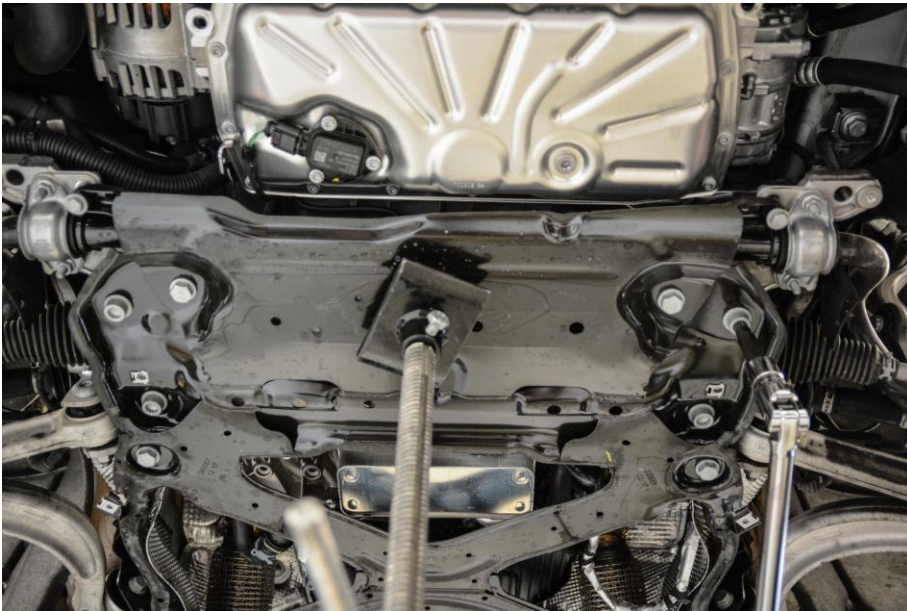
## Step 7

Using a 14mm Triple Square bit, slowly remove the 2 bolts securing the subframe to the chassis near the front lower control arm.



## Step 8

Ensure the pole jack is supporting the front subframe safely and securely. Once confirmed, use a 14mm Triple Square bit to remove the 2 bolts securing the subframe to the chassis located near the outer tie rods.



## Step 9

Using an 18mm 6-Point Socket and breaker bar, slowly loosen and remove the 8 hex bolts securing the subframe to the chassis.



## Step 10

Using a 13mm 6-Point Socket, slowly remove the 2 hex bolts securing the front of the subframe next to the sway bar mounting brackets.



## Step 11

Using a 10mm 6-Point Socket, remove the splash shields from each wheel well to gain clearance when removing front sway bar end links.



## Step 12

Using 2 16mm Wrenches, loosen and remove the bolt and nut securing each front sway bar end link to the front sway bar.



## Step 13

Using 2 16mm Wrenches, loosen and remove the upper bolt and nut securing the front sway bar end link to the steering knuckle.





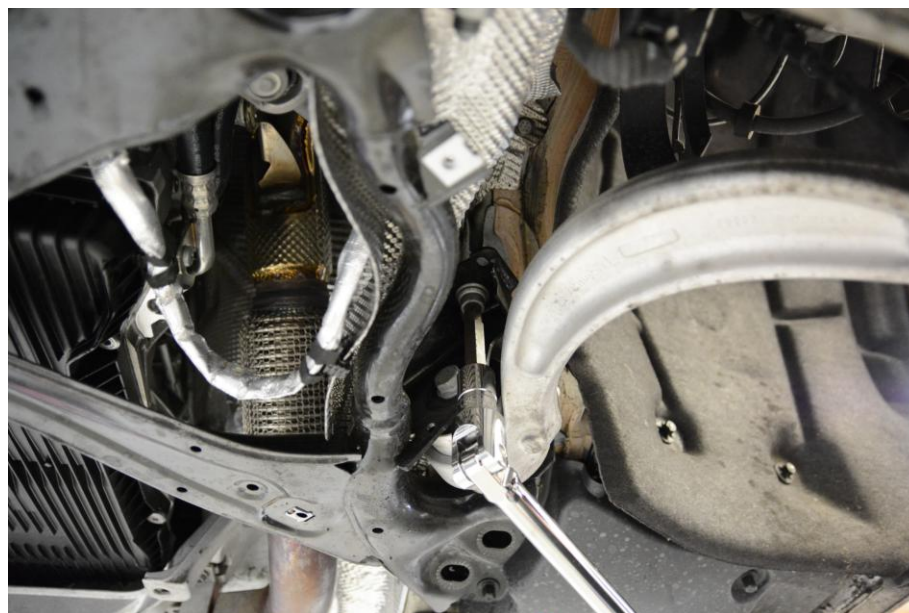
## Step 14

Removing the upper sway bar end link bolt may take finesse. Remove bolt and front sway bar end link from each side of the vehicle.



## Step 15

Using a 12mm Triple Square, remove the final 2 bolts securing the subframe to the chassis located above the rear lower control arms.



## Step 16

Using a 10mm Wrench, remove the 2 nuts securing the heat shields to the front subframe.



## Step 17

The front subframe should now be completely free from the vehicle. Carefully and slowly lower subframe from the vehicle ~6 inches to gain access to the front sway bar.



## Step 18

Using a 13mm 6-Point Socket, loosen and remove the 4 nuts securing the front sway bar mounting brackets to the chassis.



## Step 19

The front sway bar should now be completely free from the chassis. Slide down and gently pull away toward the front of the vehicle.



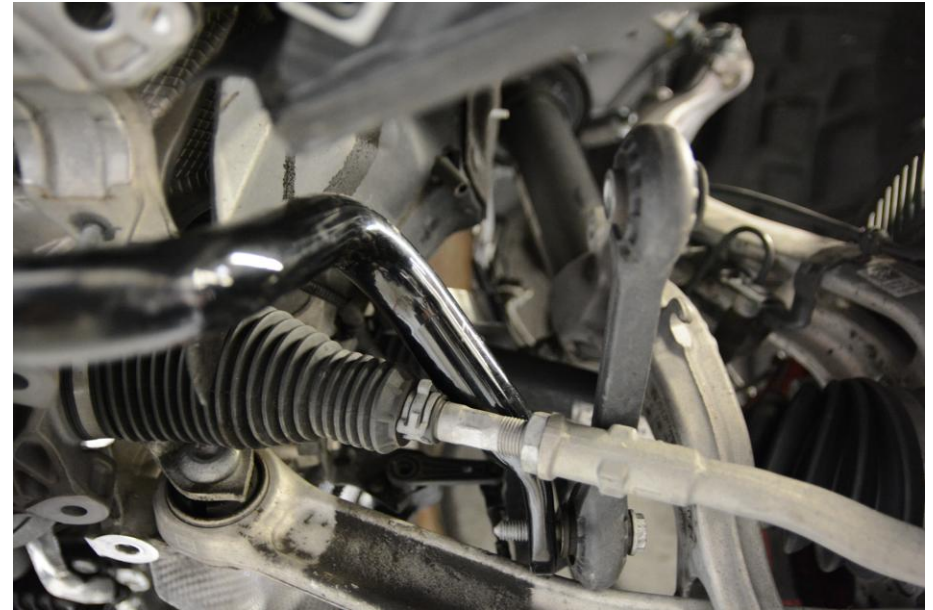
## Step 20

Comparison of 034Motorsport Track Spec Front Sway Bar next to factory B9 Audi S4 Front Sway Bar.



## Step 21

Position the 034Motorsport Track Spec Front Sway Bar above the front subframe, and preinstall the lower bolts and nuts for the sway bar end links using 2 16mm Wrenches.



## Step 22

Grease and install supplied 034Motorsport poly sway bar bushings, then use a 13mm Socket to secure the billet sway bar mounting brackets to the chassis. Torque to 40 Nm + 90 Degrees.



**Tip:** Orient brackets with zerk fittings facing forward for easy greasing.

## Step 23

The 034Motorsport Track Spec Front Sway Bar should now be snug against the chassis.



## Step 24

Install the upper front end link bolts and nuts securing the front end links to the steering knuckle. Using a 16mm Wrench & Torque Wrench, torque all end link bolts to 40 Nm + 90 Degrees.



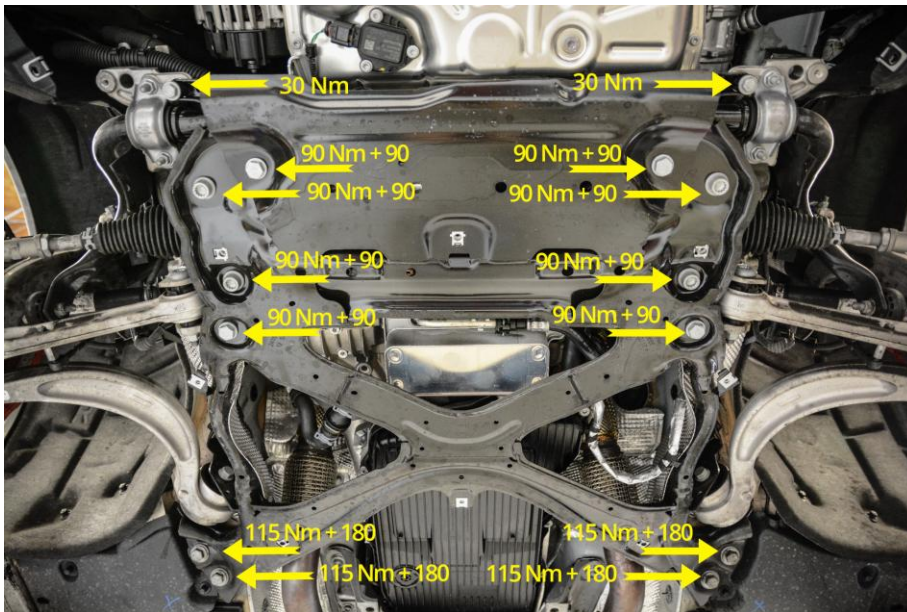
## Step 25

Lift and align the front subframe on the chassis and carefully begin threading all subframe mounting bolts into their respective holes.



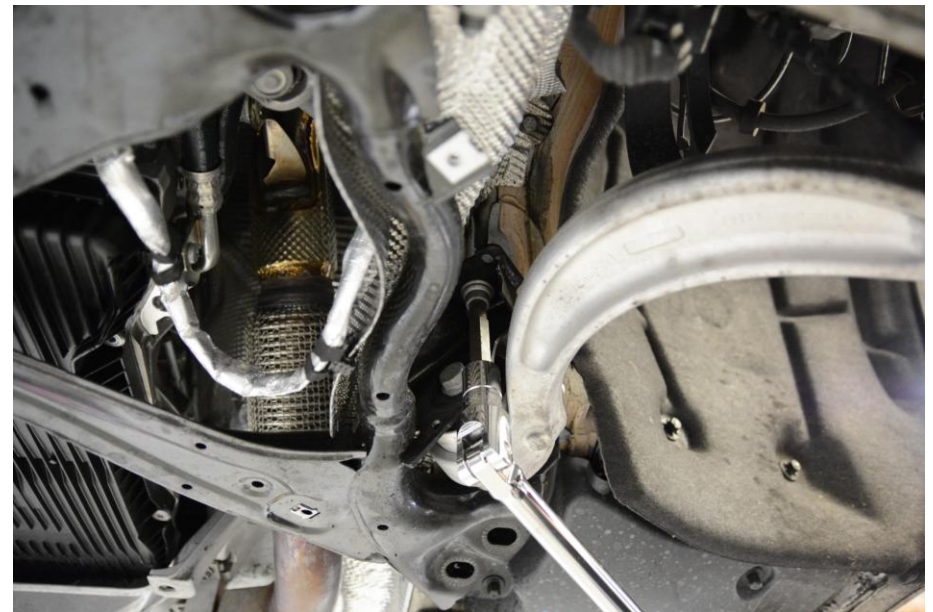
## Step 26

Once all bolts are threaded into place, follow the torque specs below and secure the front subframe to the chassis using a 14mm Triple Square & 18mm Socket.



## Step 27

Using a 12mm Triple Square, install the final 2 front subframe bolts located above the rear lower control arms. Torque to 115 Nm + 180 Degrees.



## Step 28

Using a 10mm Socket, tighten the nut securing the heat shields on either side of the vehicle to the subframe.



## Step 29

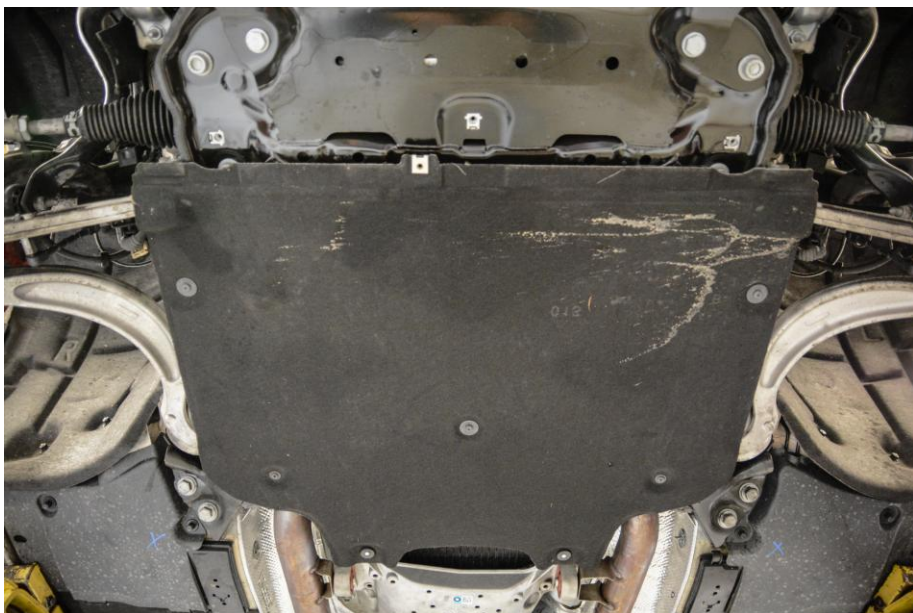
Double check that all bolts are installed and torque to spec, and then remove pole jack.





## Step 30

Reinstall rear underbody shield using factory screws and clips.



## Step 31

Reinstall front underbody shield using factory screws and clips. Tighten snugly, but don't overdo it.



## Step 32

Secure front underbody shield to splash guards in wheel wells using factory screws. Reinstall upper splash guards in each wheel well.



## Step 33

Ensure all connections are secure, reinstall the wheels, and lower your vehicle from the lift.

## Step 34

Enjoy the Upgrade!