

Density Line Front Lower Control Arm Kit**034 MOTORSPORT**

034Motorsport Density Line Lower Control Arms for B9/B9.5 Audi A4/S4, A5/S5/RS5 models replace your vehicle's aging, worn lower control arms with these performance-engineered Density Line units to restore handling precision beyond factory levels.

**\*Torque all hardware at ride height to prevent premature wear on the control arm bushings.\***

**Installation Spiciness Rating: MEDIUM**

Installation of your 034Motorsport Density Line Lower Control Arm Kit is a straightforward process that will take approximately 4 hours to complete.

**Supplied Parts:**

- (2x) 034 "Front" lower control arms
- (2x) 034 "Rear" lower control arms
- (2x) 034 Ball joints
- (1x) Hardware Kit

**Tools Needed:**

- 21mm Socket
- 18mm Socket
- 16mm Socket
- 13mm Socket
- 10mm Socket
- 21mm Wrench
- (2x) 18mm Wrenches
- T30 Torx Bit
- T25 Torx Bit
- 12mm Triple-Square Bit
- Channel-Lock Pliers
- Strut Spreader Bit
- Ball Joint Removal Tool
- Forked Trim Removal Tool

## 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 a B9 Audi RS5. There may be minor differences depending on specific vehicle, market, options, etc.

## Install Steps

### **Step 1**

Lift the car to access the front suspension.

### **Step 2**

Remove the front wheels.



### **Step 3**

Using a combination of T30, T25, and a 13mm socket, remove the hardware from all the underbody trays and set them aside.



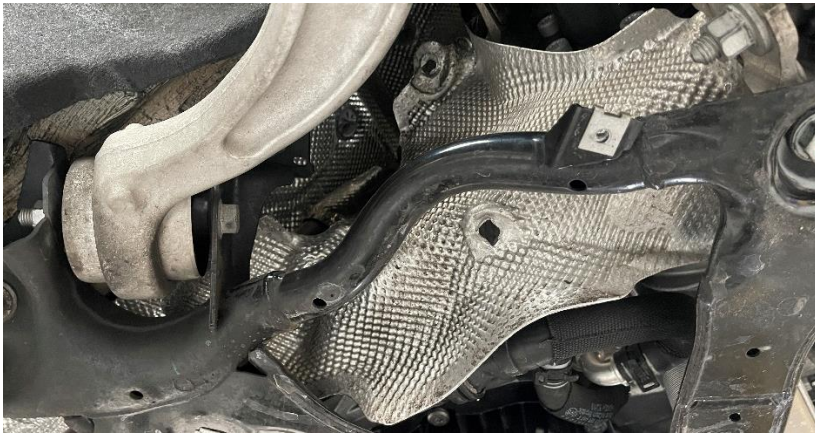


**Step 4**

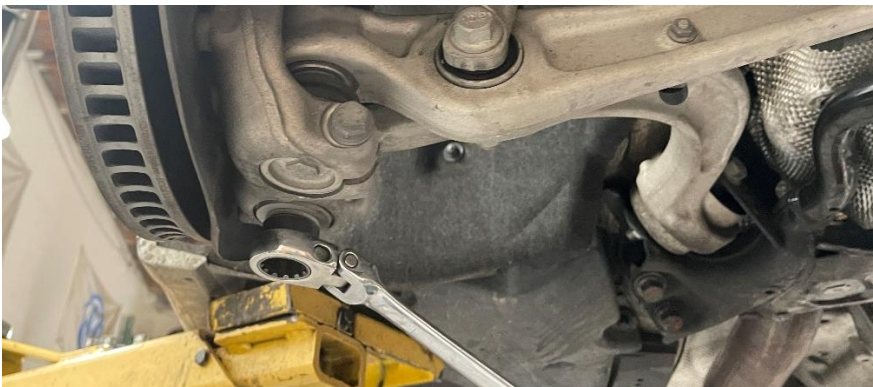
Using a forked trim removal tool, remove the remaining hardware securing the underbody tray.

**Step 5**

Using a 10mm socket, remove hardware securing the lower side heat shields.

**Step 6**

Using a 21mm wrench, remove the nut from the "rear" ball joint.

**Step 7**

Using (2x) 18mm wrenches, remove the bolt securing the "rear" lower control arm to the subframe.

**Step 8**

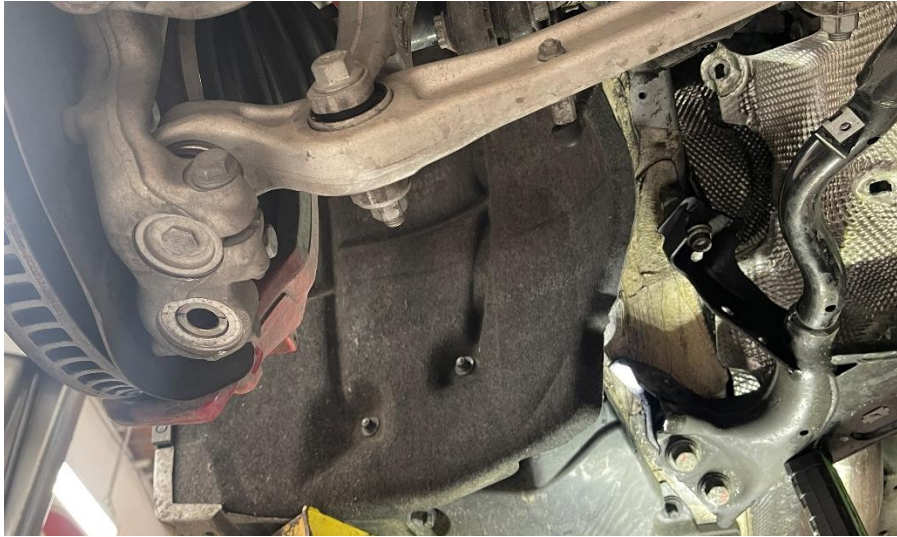
Using a ball joint removal tool, carefully break the rear ball joint free.





**Step 9**

Extract the "rear" lower control arm.

**Step 10**

Using a 10mm socket, remove the nut from the ride height sensor, and set the sensor aside.

**Step 11**

Using an 18mm socket and wrench, remove the hardware connecting the "front" lower control arm to the strut.

**Step 12**

Using a 21mm wrench, remove the nut from the "front" ball joint.





**Step 13**

Using a 16mm socket, remove the lower pinch bolt from the upright.

**Step 14**

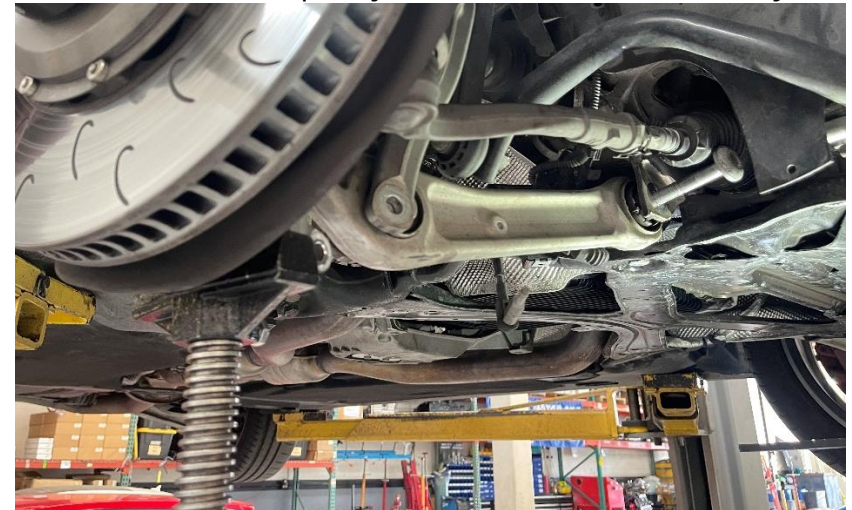
Using channel-lock pliers, loosen and move the clamp on the steering rack dust boots and push them inward.

**Step 15**

Using an 18mm wrench and a 12mm triple-square, remove the hardware securing the “front” lower control arm to the subframe.

**Step 16**

If the steering rack is still obstructing the bolt from being removed, use a pole jack to lift the hub assembly.





## Step 17

Use a strut spreader to release the captured ball joint from the upright.



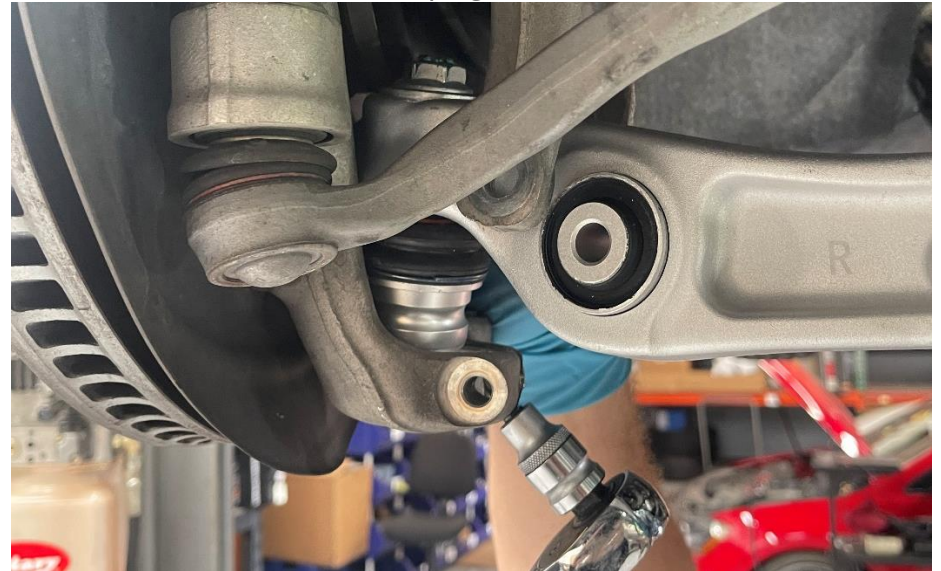
## Step 18

Using a 21mm wrench, install the loose ball joint into the "front" lower control arm. Torque to **140Nm**.



## Step 19

Install the 034 "front" lower control arm assembly into the upright.



Make sure the ball joint is fully seated.





## Step 20

Using a 16mm socket, install the lower pinch bolt into the upright. Torque to **40Nm**.



## Step 21

Using a 10mm socket, install the ride height sensor into the "front" lower control arm.



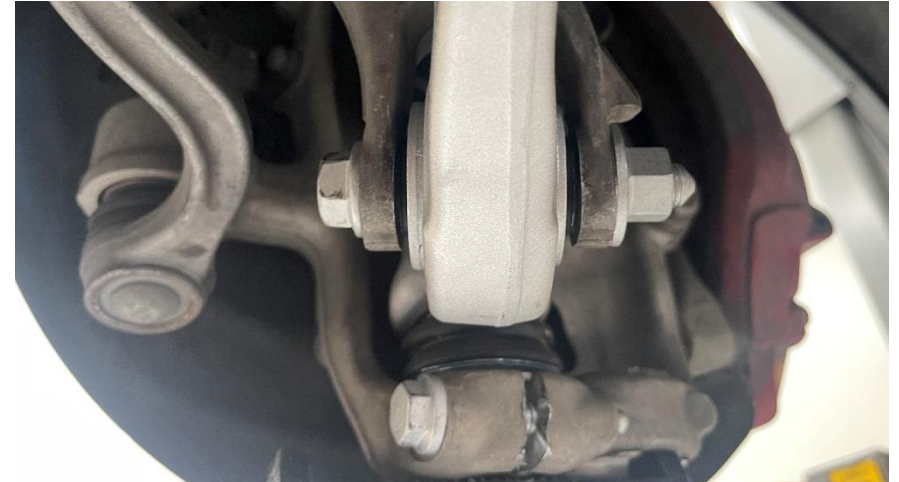
## Step 22

Using an 18mm wrench and a 12mm triple-square, install the hardware securing the "front" lower control arm to the subframe. Torque to **70Nm+180° at ride height**.



## Step 23

Using an 18mm socket and wrench, install the hardware securing the "front" lower control arm to the strut. Torque to **90Nm+90° at ride height**.





**Step 24**

Install the "rear" lower control arm into the upright.

**Step 25**

Using a 21mm socket, tighten the nut to the "rear" ball joint.  
Torque to **140Nm**.

**Step 26**

Using an 18mm wrench and socket, install the bolt securing the "rear" lower control arm to the subframe.  
Torque to **70Nm+180° at ride height**.

**Step 27**

Push the dust boot back into place on the steering rack and use channel-lock pliers to secure the clamp.





**Step 28**

Using a 10mm socket, reinstall the hardware securing the lower side heat shields.

**Step 29**

Using a combination of T30, T25, and a 13mm socket, reinstall the hardware for the underbody trays removed earlier.

**Step 30**

Reinstall the front wheels.

**Step 31**

You're done. Enjoy!

