

**Sway Bar, Rear, BMW E9x M3**

034Motorsport is proud to offer the ultimate rear sway bar upgrade package for the E9x BMW M3. The 034Motorsport Dynamic+ Sway Bar Kit features a rear sway bar made from high-quality spring steel for maximum rigidity and durability. Designed to further reduce body roll and enhance steering feel and response. 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 034Motorsport Rear Sway Bar Kit is a straightforward process that will take approximately four hours to complete.

**Supplied Parts:**

- (1x) 034Motorsport Rear Sway Bar
- (2x) 034Motorsport Rear Sway Bar Bushings
- (2x) 034Motorsport Sway Bar Brackets with Fittings
- (4x) M8 Bolts
- (4x) M8 Washers

About This Guide

This Install Guide documents the installation process on an E90 BMW 335D. 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, please contact:

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

**\*Be very careful when dropping the subframe while the car is lifted. The balance of weight can shift and cause the rear end to tilt upward.\***

**Tools Needed:**

- T50 Torx
- T40 Torx
- T30 Torx
- T27 Torx+ (Security)
- E18 Socket
- E12 Socket
- 22mm Wrench
- 21mm Wrench
- 17mm Wrench
- 16mm Wrench
- 11mm Wrench
- 10mm Wrench
- 21mm Socket
- 18mm Socket
- 16mm Socket
- 13mm Socket
- 11mm Socket
- 10mm Socket
- 8mm Socket
- Torque Wrench
- Zerk-style Grease Gun
- Exhaust Hanger Pliers
- Pickle Fork
- Small Flathead Screwdriver
- Box Cutter
- (4x) Pole Jacks

**Install Steps****Step 1**

Raise the vehicle securely on jack stands, or a lift, to gain access to the underside.

**Step 2**

Remove the rear wheels.



**Step 3**

Using a T27 Torx+ bit and 8mm socket, remove the hardware from the heat shield covering the downpipe/exhaust flanges.

**Step 4**

Using an 11mm socket, remove the hardware from the downpipe/exhaust flanges.

**Step 5**

Using a T50 Torx bit, remove the hardware from the chassis brace.

**Step 6**

Using a 22mm wrench, remove the O2 sensor from the exhaust.

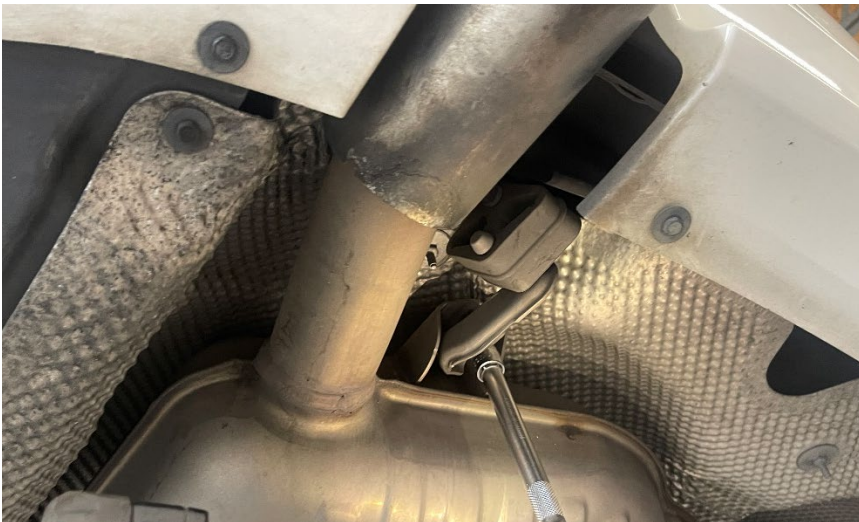


**Step 7**

Using a T40 Torx bit, remove the hardware from the exhaust hanger bracket.

**Step 8**

Using a 10mm socket, remove the hardware from the rearmost exhaust hanger brackets. (Both sides)

**Step 9**

Using exhaust hanger pliers, remove the hangers from the exhaust, in front of the rear axles.



**Have a friend or pole jack in place before the next step. The exhaust is coming down!**

**Step 10**

Using a 13mm socket, remove the hardware from the subframe mounted exhaust hanger brackets. (Both sides)



**Step 11**

Using a 10mm wrench, remove the hardware mounting the ride height sensor bracket to the subframe.

**Step 12**

Unplug the connector to the ride height sensor.

**Step 13**

Using a 16 and 17mm wrench, remove the hardware securing the end links to the sway bar.

**Step 14**

Using an E12 bit, remove the hardware from the lower shock mount.



**Step 15**

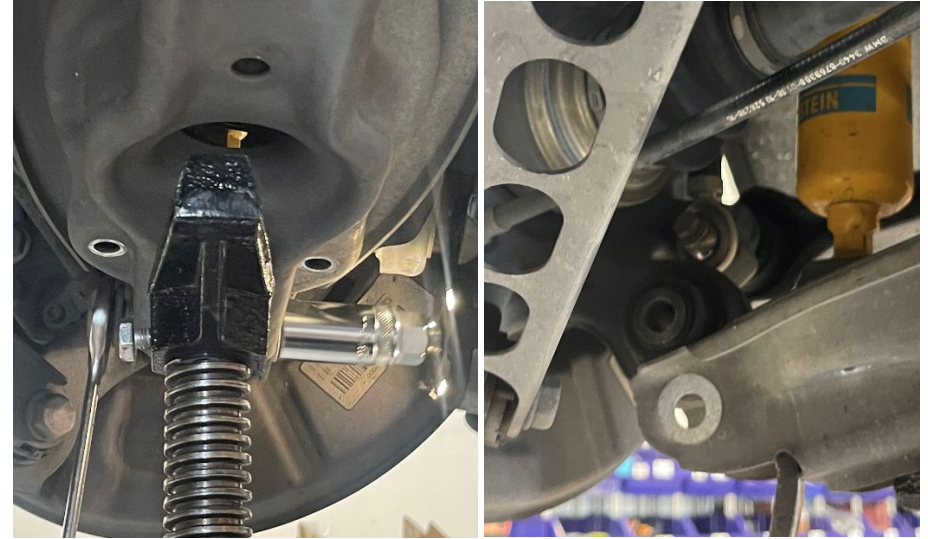
Take the rear brake lines off the hanger.

**Step 16**

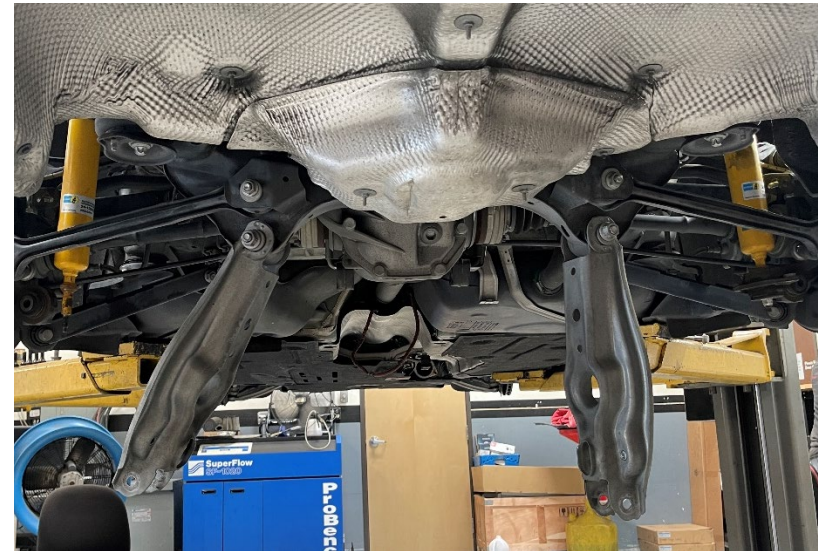
Using a 10mm socket, remove the hardware from the heat shield covering the driveshaft tunnel.

**Step 17**

Using a 21mm socket and wrench, remove the hardware securing the rear camber arm to the hub.

**Step 18**

Swing the camber arms downward and extract the springs.



**Step 19**

Using an 8mm socket, remove the hardware from the back of the rear fender liners.

**Step 20**

Tuck the loose portion of the fender liner behind the hub.

**Step 21**

Disconnect the ABS and collision sensors on both sides.

**Step 22**