

**034 MOTORSPORT**

Designed to improve handling, road feel, and steering response, 034Motorsport's Motorsport Billet Adjustable Front Sway Bar End Links allow for instant transfer of suspension movement to the sway bar. These end links are also length adjustable to eliminate preload on the sway bar.

Installation Spiciness Rating: MILD

Installation of your 034Motorsport Billet Adjustable Front End links is a straightforward process that will take approximately 1 hour to complete.

Supplied Parts:

- (2x) 034 Billet End Links
- (2x) Left-hand thread spherical heim joints with jam nuts
- (2x) Right-hand thread spherical heim joints with jam nuts
- (8x) 034 End Link Spacers
- (4x) M10x60mm Bolts
- (8x) M10 Washers
- (4x) M10 Nyloc nuts
- (2x) packets of anti-seize

Tools Needed:

- (2x) 19mm Wrenches
- 17mm Wrench
- 16mm Socket
- 5mm Allen
- Torque Wrench

Note: For lowered vehicles, always check all clearances over the full articulation of the suspension to identify possible interference.

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:

About This Guide

This Install Guide documents the installation process on a F82 BMW M3. There may be minor differences depending on specific vehicle, market, options, etc.

Assembly Steps

Step 1

Open hardware packages.



Step 2

Apply half packet of anti-seize to spherical heim joint.



Step 3

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



Step 4

Install the right-hand thread into the hexagonal side of the end link. Install the left-hand thread into the cylindrical side of the end link. Leave about 4 threads exposed for both.



You are now ready to start the installation process.

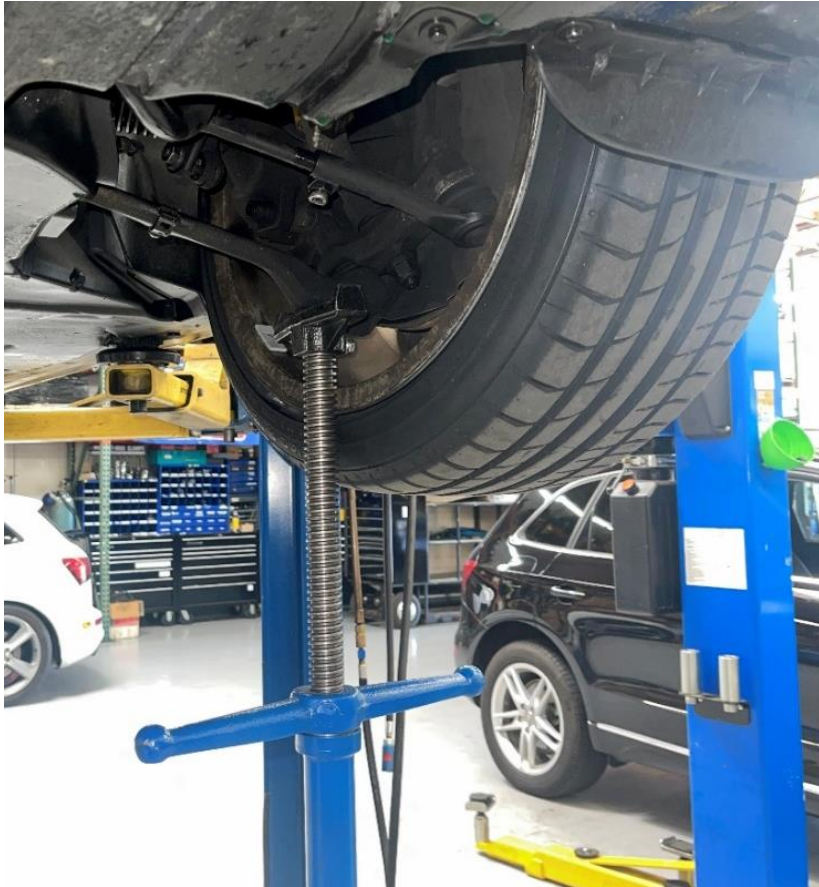
Install Steps

Step 1

Lift the car to access the front suspension.

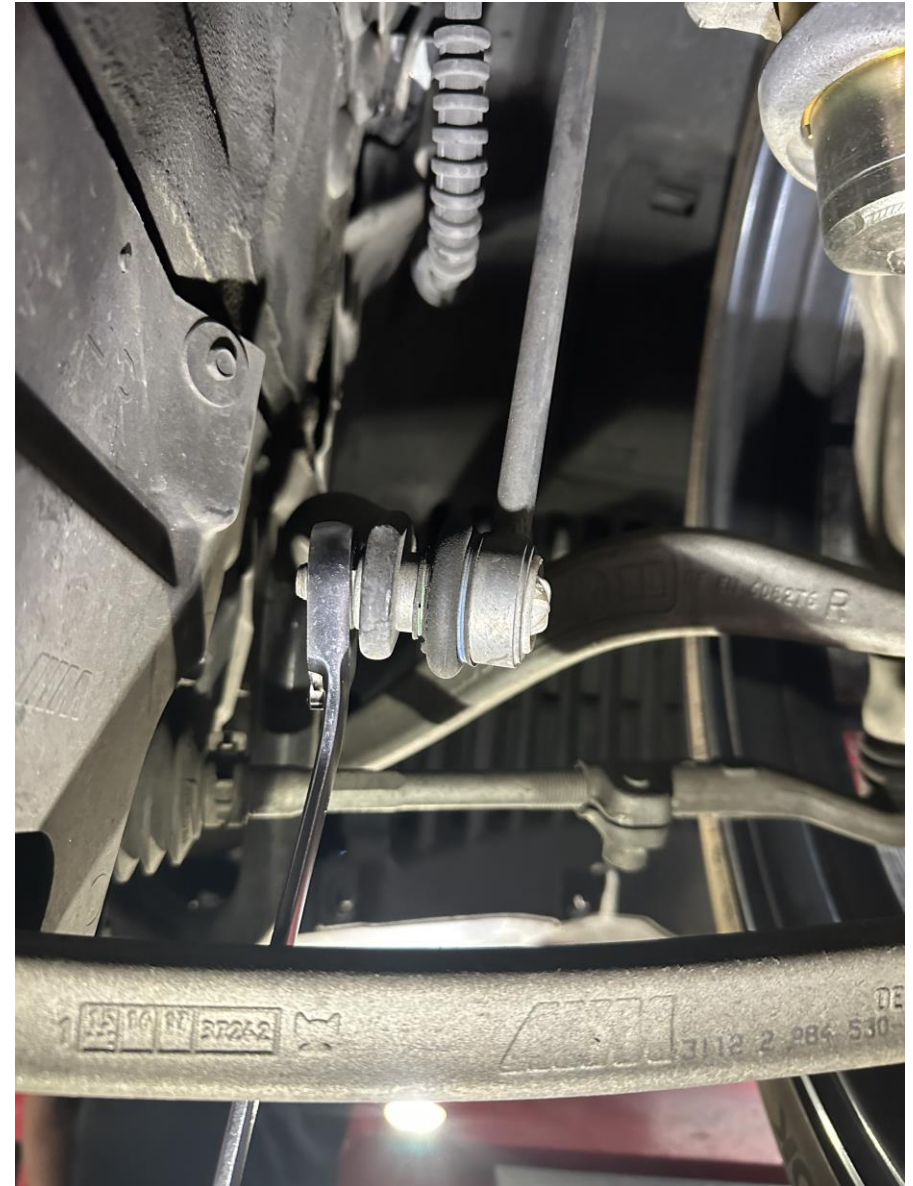
Step 2

Put pole jacks under the front, lower, rearward control arms, to simulate the car resting at ride height.



Step 3

Using a 16mm wrench, remove the nut securing the end link to the front sway bar.



Step 4

Using a 16mm socket and 17mm wrench, remove the nut securing the endlink to the strut housing.

**Step 5**

Extract the factory end link from the car.

Step 6

Using an 8mm Allen and a 17mm wrench, secure the end links to the sway bar with the provided nyloc nuts.

**Step 7**

Using an 8mm Allen and a 17mm wrench, secure the end links to the strut housing.



Step 8

Use (2x) 19mm wrenches to lock the jam nuts at the desired length. (Dynamic+ links shown, tighten while on the car)

**Step 9**

Torque all the nuts to **42Nm**.

*If you did not use pole jacks to simulate static ride-height, drop the car down to torque the hardware.

**Step 10**

You're done! Enjoy the added performance.