

#### Motorsport Endlink Kit, Rear, BMW



034Motorsport's Motorsport Rear End Link kit allows for uncompromised transfer of suspension movement to the sway bar and are adjustable in length.

#### About This Guide

This Install Guide documents the installation process on a 2006 BMW E90 330i. There may be minor differences depending on specific vehicle, market, options, etc.

#### Non-M Cars:

Installation Spiciness Rating: MILD



Installation of your Motorsport rear end link kit is a straightforward process that will take approximately 1 hour to complete.

#### M Cars:

Installation Spiciness Rating: SPICY



Installation of your Motorsport rear end link kit is a fairly involved process that will take approximately 4 hours to complete.

#### 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)

**Supplied Parts:**

- (2x) Billet end link tubes
- (2x) Right-hand thread spherical joints with jam nuts
- (2x) Left-hand thread spherical joints with jam nuts
- (2x) M10x55 Bolts
- (2x) M10 Washers
- (2x) M10 Lock nuts
- (4x) M10 Bolt Spacers
- (4x) M8 Bolt Spacers

**Tools Needed:**

- (2x) 19mm Wrenches
- 17mm Wrench
- 17mm Socket
- 16mm Wrench
- 16mm Socket
- 13mm Wrench
- 13mm Socket

**\*If you are putting these on an M model car, you will need to remove the rear axles. Sorry, but we could not find an alternative.**

**Assembly Steps****Step A**

Open hardware packages.

**Step B**

Apply half packet of anti-seize to each rod end.



**Step C**

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

**Step D**

Install the right-hand threaded heim joint into the hexagonal side of the end link tube. The left-hand threaded heim joint goes into the cylindrical side of the end link tube.

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

Lift the car to gain access to the rear suspension.

**Step 2**

Locate the rear end links and use a set of pliers or super skinny 16mm wrench to hold upper end link bolt while using a 16mm socket to remove upper end link nut from sway bar.





**Step 3**

Using a 13mm wrench, remove the lower end link bolt from the rear control arm.



**M car owners: the rear axles will need to be removed at this point as the lower end link bolt will contact the axle hub, preventing extraction.**

**Step 4**

Remove the factory end link and use it as a reference for the length of the 034 end link.

**Step 5**

Using a 13mm wrench, reinstall the lower end link bolt. Torque to **21Nm**.

**Step 6**

Using a 16mm wrench and 17mm socket, install the new supplied hardware to the sway bar end. Torque to **58Nm**.

**Step 7**

Set the final length of the end link by twisting the tube to compress or expand and tighten the jam nuts using two 19mm wrenches.



## Step 8

You are done! Enjoy the tight suspension.

