

Sway Bar End Link, Motorsport, Front, Adjustable**034 MOTORSPORT**

These end links are manufactured from billet aluminum and feature Aurora spherical bearings and are designed to replace the flimsy stock plastic and rubber units.

\* For lowered vehicles, always check all clearances over the full articulation of the suspension to identify possible interference

**Installation Spiciness Rating: MILD**

Installation of your 034Motorsport Front Sway Bar End Link Kit is a straightforward process that will take approximately one hour to complete.

**Supplied Parts:**

- (2x) billet end links
- (2x) right-hand thread spherical heim joints with jam nuts
- (2x) left-hand thread spherical heim joints with jam nuts
- (4x) zinc sway bar adapters with spacers
- (4x) M8 screws
- (4x) M12 washers
- (4x) M12 nylon locking nuts
- (2x) anti-seize packets
- (1x) Loctite packet

**Tools Needed:**

- 18mm Wrench
- (2x) 19mm Wrenches
- 6mm Allen Bit
- 6mm Triple-square
- Torque Wrench

### About This Guide

This Install Guide documents the installation process on an 8V Audi S3. 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)

### 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 density bushing into the hexagonal side of the toe link. The left-hand threaded density bushing goes into the cylindrical side of the toe link.



You are now ready to start the installation process. Use the length of the stock component as a starting point for the length of the 034 adjustable end links; expand or compress as best fits your needs

**Installation Steps****Step 1**

Raise the vehicle securely on jack stands, or a lift, to gain access to the rear suspension and remove rear wheels.

**Step 2**

Using an 18mm wrench, remove the bolt securing the bottom of the end link to the sway bar. If necessary, hold the shaft with a 6mm triple-square.



**Step 3**

Using an 18mm wrench, remove the bolt securing the top of the end link to the strut. If necessary, hold the shaft with a 6mm triple square. Remove factory end link.

**Step 4**

Leave at least 8 threads exposed on the cylindrical portion of the end link to allow for clearance at mounting tab.

**Step 5 (optional)**

Disassemble the 034Motorsport End Links. Insert heim joint into dust boot. The boots will stretch to accommodate the heim but avoid using sharp tools to pry at the boot.



**Step 6**

Insert machined steel adapters into heim joints.

**Step 7**

Install spacer onto Allen bolt, taking note of the orientation shown below.

**Step 8**

Apply blue Loctite to Allen bolt.

**Step 9**

Install Allen bolts and spacers into heim joints.



**Step 10**

Attach upper end of sway bar end link to the strut tab (as shown below) on the correct side of the tab. Do not put it on the incorrect side of the tab. Seriously, please install on the same side of the tab that the stock part was on. The hexagonal end of sway bar end link tube should be on the bottom, pointing downwards, towards the sway bar.

**Step 11**

Tighten nut and Allen bolt to 25 Nm using 6mm Allen and 19mm wrench.

**Step 12**

Attached bottom end of link (hexagonal side) to end of sway bar. \*You may have to pull down on sway bar to align hole with adapter. Tighten nut and Allen bolt to **25 Nm** using a 6mm Allen and a 19mm wrench.

**Step 13**

Repeat installation on the other side and verify that all hardware is properly torqued.

**Step 14**

Compress suspension. Adjust end link body, until there is minimal resistance (neutral load point). Tighten locking nuts with 19mm wrench while holding barrel with 19mm wrench. Preload the heim joints in same direction prior to tightening to ensure their neutral alignment when done.

**Step 15**

Reinstall wheels, lower the vehicle, and enjoy!

