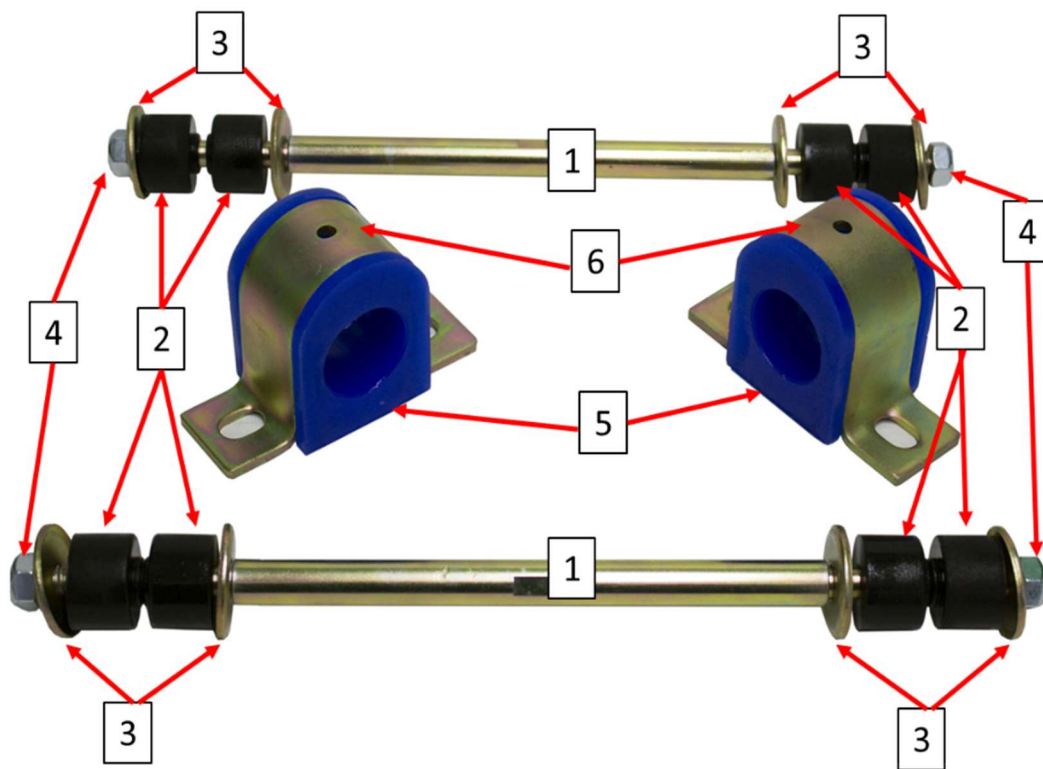


## Installation Instructions for: 4139-129 & 4139-130 FRONT SWAY BAR END LINK & BUSHING KIT FOR FREIGHTLINER XC 1 1/2"

This polyurethane end link and bushing kit fits the 1-1/2" stock front sway bar on the Freightliner XC chassis up to the 2015 model year, and improves handling by reducing deflection. The 4139-129 includes 14.25" long end links while the 4139-130 includes 15.25" long end links.



Item #	Item Name	Quantity
1	End Link	2
2	End Link Bushing	8
3	End Link Cup Washer	8
4	Lock Nut	4
5	Sway Bar Bushing	2
6	Saddle Bracket	2

Revised 26 April 2022

### Preparation

Move the coach to a level, flat surface, with the wheels pointed straight ahead. It may be necessary to use a pit or ramps to gain clearance. Be sure to use wheel chocks and support the frame of the coach using adequately rated jack stands.

### Removal of OEM End Links

Soak all fasteners with penetrating lubricant. Use a wrench or socket/breaker bar to hold nut on upper stud of end link and an impact wrench or socket/ratchet on bottom nut to loosen end link. Take care to avoid breaking end link studs.

Repeat on the other end link until the sway bar is free to be carefully swung down and out of the way of the end links (which will likely still be attached to the frame, as the bottom nut is likely to come loose first).

Once the bar has been swung out of the way, the upper nuts can be loosened. Use a pipe wrench/locking pliers to hold the middle of each end link and rotate it to loosen the nut while still holding the top nut to loosen it.

### Installation of New End Links

Loosely install new **End Links** to the frame. Use a **Cup Washer** with cupped side pointed upward, then an **End Link Bushing** with flat side against the washer, then the frame, then the other bushing and washer with flat side of the upper bushing against the washer on top and cupped side of washer facing the bushing. Loosely thread the **Lock Nuts** on, just enough to support the weight of the bar.

Rotate sway bar upward to fasten it to end links, installing the bushings and washers the same as was done on the ends connected to the frame. Leave top and bottom nuts loose for now.

Revised 26 April 2022

### Installation of Sway Bar Bushings and Saddle Brackets

Loosen bolts on one saddle bracket but do not completely remove. Remove bolts from other saddle bracket but retain for re-use. Remove one saddle bracket and bushing from bar.

Lubricate new **Sway Bar Bushings** using water-resistant grease such as Aqua Lube. Clean surface of bar where bushing will mount and install one new sway bar bushing. Apply Loctite to bolts and loosely attach new **Saddle Bracket** over the bushing (do not tighten bolts yet). Repeat on other side, loosely installing the new bushing and saddle bracket using original bolts with Loctite applied.

### Final Torque

Ensure bar is approximately centered from left to right side of coach. Torque saddle bracket bolts to 45 ft-lbs.

Tighten the top and bottom end link nuts by hand, using an open-end wrench on the flats of the end links to prevent them from rotating. Tighten the nuts **ONLY** until the bushings start to deform. Do not overtighten and cause the bushings to bulge outward, as this can cause them to fail prematurely.

Road test vehicle and re-check all fasteners for proper tightness.

Please make sure to visit **SuperSteerParts.com** and fill out your warranty registration.

**Your comments are greatly appreciated. Please feel free to contact SuperSteer® at 888-898-3281 or e-mail at sales@supersteerparts.com**