

CorkSport Rear Sway Bar Brackets

2013+ CX-5, 2014+ Mazda 3 & 6



Thank you for purchasing the CorkSport Rear Sway Bar Brackets. Our sway bar brackets will help improve the effectiveness of the sway bar and greatly reduce the chance of bracket failure. We hope you enjoy your new part! Please let us know your feedback by submitting a review at: <https://corksport.com/mazda-billet-sway-bar-brackets.html>

Pre-Installation Notes:



Make sure your vehicle is on a level surface prior to starting installation.



These instructions were written for reference only and the use of a factory service manual is recommended. Please read these instructions thoroughly prior to starting installation.



How our instructions work: To best cover all of our customers experience levels, we have included a table of contents/order of operations along with step-by-step instructions.



These installation instructions were written using a 2013 CX5 FWD. Other year CX5 models, Mazda 3, and Mazda 6 models will be similar.

Materials and Time:



General Info.

Part #: GEN-3-070
Time Est: 1 hour
Wrench Rating: 2/5



Tooling List

3/8" or 1/2" Ratchet
14mm Deep Socket
14mm Wrench
5mm Allen Wrench
Torque Wrench
Jack and Jack Stands



Parts List

Two (2) CorkSport Rear Sway Bar Brackets
Two (2) Polyurethane Bushings
Bushings Grease

Order of Operations & Table of Contents



Support Car on Jackstands

Section 1: Jack Vehicle Up

Pg. 2



Disassembly and Removal

Section 2: Disconnect Rear Sway Bar

Pg. 2



Installation and Assembly

Section 3: Install the CorkSport Sway Bar Brackets

Section 4: Reinstall the Sway Bar

Pg. 3

Pg. 4

Detailed Instructions

1. Support Car on Floor Jack/ Jackstands or Lift

- a) Verify that the vehicle is on a level and stable surface.
- b) Use a floor jack and jackstands to gain access to the underside of the vehicle.



Always refer to the floor jack and jack stand manufactures instructions as well as the factory owners manual for your vehicle to determine jacking points and support points. Alternately, use an automotive lift to gain access to the underside of the vehicle.

2. Disconnect the Rear Sway Bar

- a) Remove the two (one left and one right) rear sway bar end link nuts using the 14mm box wrench and 5mm Allen wrench. **Figure 2a** shows the driver's side end link.



Figure 2a

- b) Remove the two (2) swaybar bracket bolts on each of the two brackets using the ratcheting wrench or a 14mm socket (bracket shown in **Figure 2b**). Remove the bracket and save the nuts for re-use.



Figure 2b

Detailed Instructions



If you are replacing the rear sway bar please refer to these instructions for rear sub-frame removal: (here) If you already have an aftermarket rear sway bar, then sub frame removal is not necessary.

3. Install the CorkSport Sway Bar Brackets

- a) **Lift the bar and brackets off the studs** and move it inward to the side. This will allow you to remove the steel bracket and replace the bushing.

- b) **Attach the new polyurethane bushing and CorkSport bracket.** Apply a small amount of grease to the inside of the bushing, this will help with installation (or a liberal amount of grease if you do not plan to use the grease Zerk to add additional grease post installation). Apply a small amount of grease to the outside surface of the bushing, this will help with bracket installation. Shown in **Figure 3a**.

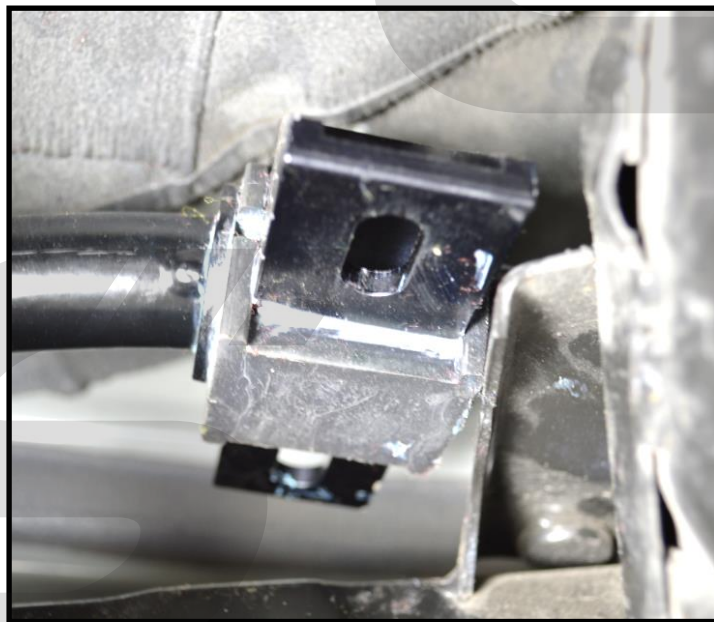


Figure 3a

- c) **Repeat steps 3a & 3b for the other bracket.**



The bracket does not need to be completely tight around the bushing to install on the studs. The bracket will tighten as you tighten the nuts.

Detailed Instructions

4. Reinstall the Sway Bar

- a) **Locate the bar and brackets onto the studs.** Using a 14mm deep socket hand tighten all four nuts before using the ratchet to fully tighten. Torque the nuts to 16-19 ft-lbs. Shown with the **red arrows** in **Figure 4a**.



Figure 4a

- b) **Reinstall the sway bar endlinks** using a 14mm wrench and 5mm Allen wrench.