



#J5451, J5652 Installation Instructions Sway Bar Disconnects

Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

» PRODUCT SAFETY WARNING

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

Difficulty Level

easy ① 2 3 4 5 difficult

Estimated installation: 1 hour

Special Tools Required

T55 Torx Socket

2-Jaw Puller/Pickle Fork (TJ)

» TECHNICAL SUPPORT

Live Chat provides instant communication with Zone tech support. Anyone can access live chat through a link on www.zoneoffroad.com.

www.zoneoffroad.com may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to tech@zoneoffroad.com detailing your issue for a quick response.

888.998.ZONE Call to speak directly with Zone tech support.

» PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

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Kit Contents

Qty	Part		
		4	Rod End Spacer
		2	U-Bracket
2	Sway Bar Link	2	Disconnect Stud
2	Houglass Bushing	2	Linch Pin
2	1/2"-20 Jam Nut	1	Bolt Pack
2	1/2" Rod End	2	Concave Stem Washer

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Remove the upper mounting nut from the sway bar links **Figure 1**. Disconnect the links from the sway bar with a 2-Jaw puller or pickle fork to release the tapered seat.
3. Disconnect the sway bar link from the axle. Remove the nut and the sway bar link from the bolt. Some early models will require a T55 torx socket to hold the bolt from rotating. Later models used a bolt with a serrated neck that is pressed into the bracket so it will not rotate. If the bolt has a serrated neck I will need to be removed from the bracket with a hammer or 2-Jaw puller (in order to release the serrated neck).



Figure 1

4. Check that a 1/2" bolt will fit through the factory axle mount hole. If a 1/2" bolt does not fit, clearance the hole with a 1/2" drill bit.
5. Install the provided disconnect studs to the inside of the axle mounts with 1/2" x 1-1/4" bolts and washers **Figure 2**. Put a phillips head screw driver through the pin hole in the disconnect stud to hold it from spinning. Tighten the stud bolt to approximately 50 ft-lbs.



Figure 2

6. Attach the provided u-bracket to the sway bar with 10mm x 40mm bolts, nuts and washers **Figure 3**. You the bolt with washer through the u-bracket and into the sway bar. Fasten with a nut and washer. Orient the bracket so the through holes are square with the disconnect stud on the axle and torque the 10mm bolt to 40 ft-lbs. Special Note for XJs: Use the provided concave washers when install the u-bracket. The washer will be placed on the top, concave side of the sway bar. Position the washer so it "nests" in the concave shape.



Figure 3

7. Assemble the sway bar links. Lightly grease and install the provided hourglass bushings in the sway bar link eyes. Thread a 1/2" jam nut followed by a rod end on the threaded end of the link. Thread the nut and end all the way on until the end stops. Adjust the lengths of the two links to be equal, make sure the rod end is square to the bushing end and lock off the jam nut securely.
8. Install the rod end of the link in the upper u-bracket by placing a spacer on each side and fasten with a 1/2" x 2-1/2" bolt, nut and washers. Run the bolt from the inside out **Figure 4**. Torque 1/2" hardware to 55 ft-lbs.

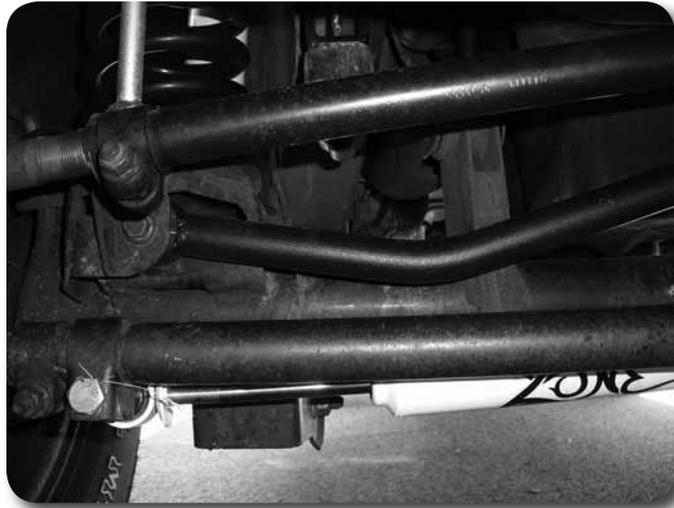


Figure 4

9. Lightly grease the disconnect pins at the axle. This will help the bushing slide on and off easier. Slide the links on to the disconnect studs and fasten with the provided linch pins Figure 5.



Figure 5

10. Locate the provided fabric lanyards. The installation location for these lanyards can vary depending on the vehicle. Use the provided self-drilling screws to attach the lanyard to the inner fender. When installed the lanyard should be located up and out of the way of the tire/suspension while still being able to easily wrap around the sway bar/sway bar link to hold it securely out of the way. The following are the suggested locations for the TJ and XJ. Always check the area behind the surface where the screw is being installed for wires, hoses, etc.

Jeep TJ: Locate on the forward fender support. Figure 6



Figure 6

Jeep XJ: Locate on the inner fender. Figure 7



Figure 7

Check hardware after 500 miles and after any off road use.