



## rockGEAR™ — RS62112B

Sway Bar Quick Disconnect End Link Kit

Fits 2006 - 1997 Jeep Wrangler TJ / LJ

### WARNING

Carefully read, understand and follow the instructions provided in this manual, and keep it in a safe place for future reference. If you have any doubt whatsoever regarding the installation or maintenance of your Rancho suspension system, please see your retailer for assistance or advice. Failure to follow the warnings and instructions provided herein can result in the failure of the suspension system, or can cause you to lose control of your vehicle, resulting in an accident, severe personal injury or death.

These instructions should remain in the vehicle glove box for future reference.

### Compatible with original equipment swaybar only.

Because of extended articulation and suspension travel when end links are disconnected, other modifications such as extended brake lines, drive shafts, or trimming may be required.

When disconnected, the swaybar must be secured to the chassis in a position that prevent interference with tires.

Never disconnect swaybar when operating vehicle on public roads.

When sway bar is disconnected, the vehicle will not handle, turn, accelerate or stop in the same manner as an unmodified vehicle. In addition, the crash protection systems designed in the vehicle may operate differently from an unmodified vehicle. For example, turning and evasive maneuvers must be executed at a slower rate of speed. Further, there is a greater risk that the vehicle could roll over. These differences could result in an increased possibility of an accident, personal injury or death. Learn the vehicle's operations and handling characterizes and drive accordantly.

P/N	DESCRIPTION	QTY.
RS881028	Quick Disc. End Link	1
RS176798	Quick Disconnect Link	2
RS860842	Sub Assy. Mounting Stud Hdwr	1
RS176859	Quick Disconnect Stud Lg	2
RS770303	Cotter Pin	2
127200067002	Washer 3/4"	2
RS860843	Sub Assy. Storage. Stud Hdwr	1
RS176860	Quick Disconnect Stud Small	2
RS7755	Washer, 3/8 USS	2
RS42702	Thread Lock	1
RS860844	Sub Assy. Brkt Hdwr	1
RS176756	Upper Mount - TJ	2
RS770064	Washer M10	2
RS7657	Nut M10-1.50 Nylock	2
RS82112	Instructions	1



### REMOVE SWAY BAR END LINKS

- 1)  Park vehicle on a level surface. Set the parking brake and chock wheels.
- 2)  Remove sway bar end links from axle and sway bar.

NOTE: A puller may be required to remove end link from sway bar.

### INSTALL MOUNTING STUD

- 3)  Install large stud on lower end link axle mount facing inboard with supplied nut and thread lock. Align hole in stud facing up (vertical) or with the top of hole slightly forward and torque nut to 55 LB-FT. See Illustration 1.

### INSTALL UPPER MOUNT

- 1)  Install upper mount RS176756 on sway bar using M10 washer and nut. Align mounting tab parallel with lower mount and torque to 45 LB-FT. See Illustration 2.

### INSTALL AND ADJUST END LINK

- 1)  Thread both rod ends of end link fully into center tube. The ball stud side uses a left hand thread.
- 2)  Install ball stud of end link to outboard side of the upper mount. Torque nut to 55 LB-FT.

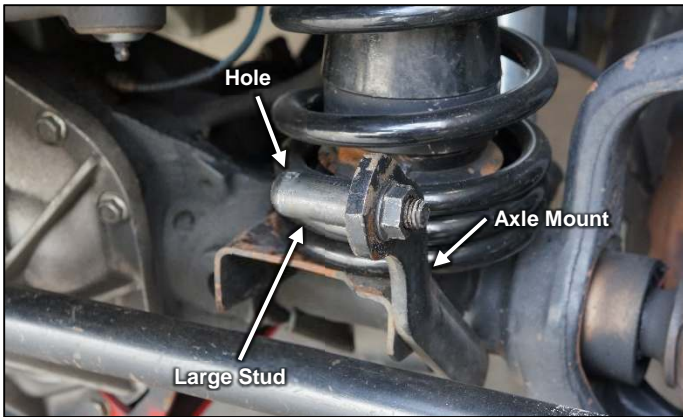


Illustration 1

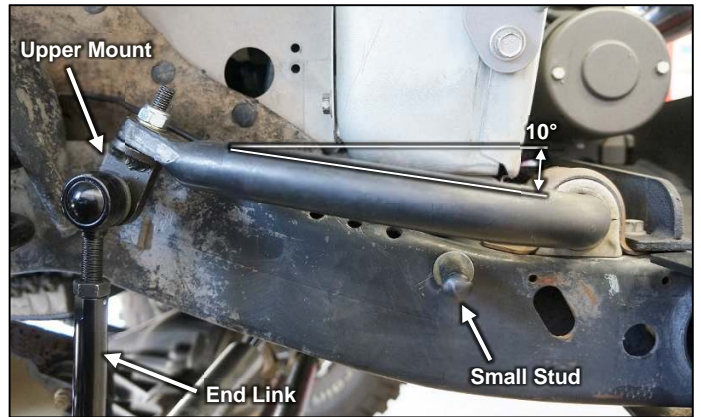


Illustration 2

3)  Lube stud and lower end link bushing with a light coat of lithium grease and slide bushing end of end link on lower mounting stud. Insert cotter pin in hole See Illustration 3.

4)  Adjust length of end link by turning the center tube until the sway bar is about 10° above level horizontal (5°-15°). See Illustration 2.

**CAUTION:** Do not adjust end link longer than 10.5"

5)  Hold the center tube with a 17mm wrench and tighten the top left-hand thread jam nut with an 19mm wrench.

6)  Straighten ball stud in rod end. Hold the center tube with a 17mm wrench and tighten the lower right-hand thread jam nut with an 19mm wrench.

### STORAGE STUD INSTALLATION

1)  Disconnect end links from axle.

2)  Push sway bar up and mark position on the frame rail for small stud to hold end link when disconnected. See Illustration 4.

Make sure tire clears stud, end link and sway bar at full turn and full compression. Exact position can vary depending on wheels, tires, and suspension setup.

3)  Center punch and drill 5/16 hole in frame for small stud. Tap hole with a 3/8-16 (UNC) tap.

4)  Install small stud with 3/8" washer using thread lock.

Take care not to strip tapped threads.

5)  Mount end link to storage stud using washer and cotter pin. See Illustration 4.

6)  Mark and repeat steps 3-5 for other side.

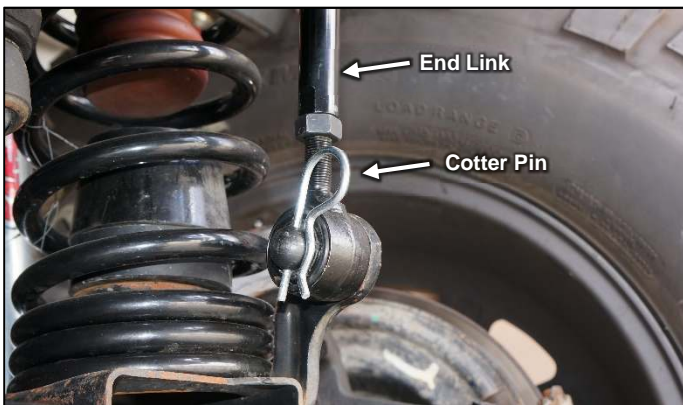


Illustration 3

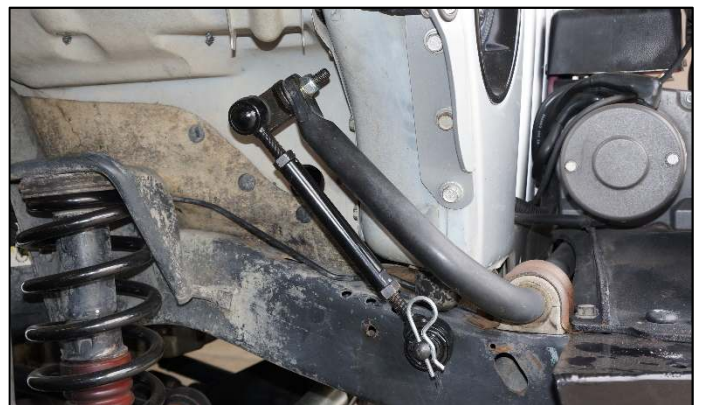


Illustration 4

