



rockGEAR™ — RS62113B

Sway Bar Quick Disconnect End Link Kit
Fits 2018 – 2007 Jeep Wrangler JK

⚠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, Lg. Stud Hdwr	1
RS176859	Quick Disconnect Stud Lg	2
	Spacer	2
RS770303	Cotter Pin	2
127200067002	Washer 3/4"	2
RS860843	Sub Assy, Sm. Stud Hdwr	1
RS176860	Quick Disconnect Stud Sm	2
RS7755	Washer, 3/8 USS	2
RS42702	Thread Lock	1

P/N	DESCRIPTION	QTY.
RS860845	Sub Assy, Relocation Bracket	1
RS176885	Relocation Bracket, Left	1
RS176886	Relocation Bracket, Right	1
RS7763	HHCS 1/2-20 X 1.50	2
RS7723	Washer 1/2 SAE	4
RS7722	Nut 1/2-20 Nylock	2
RS860845	Sub Assy, Storage Bracket	1
RS176919	Storage Bracket, Left	1
RS176920	Storage Bracket, Right	1
RS770239	HHTS 5/16-18 X .75	4
RS7604	Nut, 3/8-16 Nylock	2
RS82113	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.

INSTALL LOWER MOUNTS

- 1) Install left relocation bracket RS176885 on the outboard side of the driver side lower end link axle mount using supplied $\frac{1}{2}$ " hardware. Torque to 90 LB-FT. See Illustration 1.
- 2) Slide spacer onto threaded end of large stud. Loosely install on lower end link relocation bracket facing inboard with supplied nut and thread lock.
- 3) Lube stud and lower end link bushing with a light coat of lithium grease and slide end link bushing fully onto stud and spacer.
- 4) Align hole in stud facing up (vertical) or with the top of hole slightly forward and torque nut to 55 LB-FT. Remove end link from stud.

INSTALL AND ADJUST END LINKS

- 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. See Illustration 2.
 Install bushing end of end link to lower mounting stud. Install $\frac{3}{4}$ " washer and insert cotter pin in hole. See Illustration 4.
- 3) Illustration 4.
- 4) Adjust length of end link by turning the center tube until the sway bar is level horizontal (+/- 5°). See Illustration 3.

CAUTION: Do not adjust end link longer than 10.5"

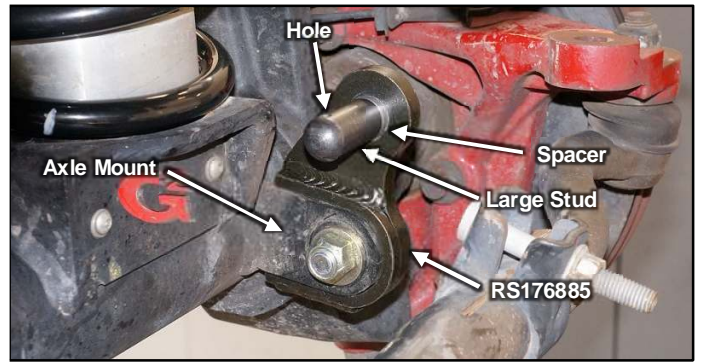


Illustration 1

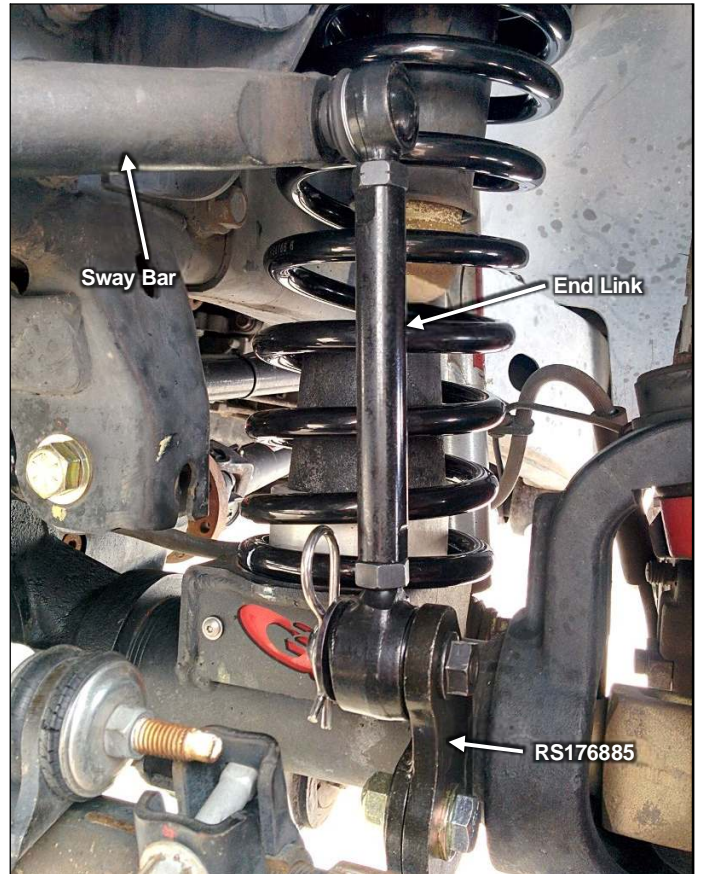


Illustration 2



Illustration 3

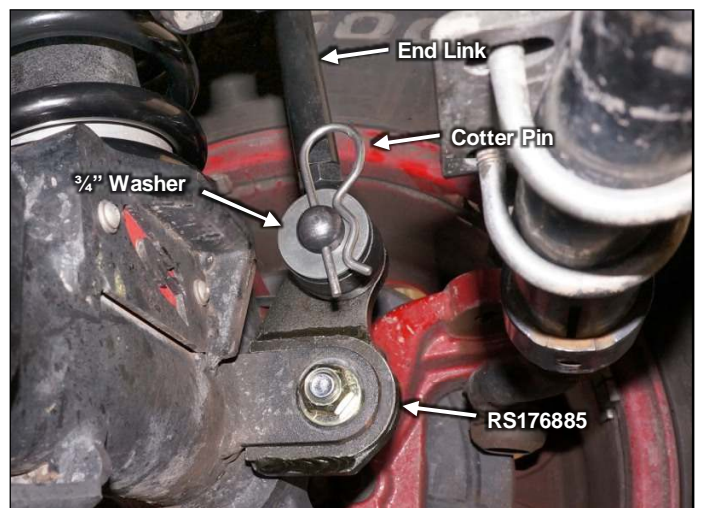


Illustration 4

5) Hold the center tube with a 17mm wrench and tighten the top left-hand thread jam nut with a 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 18mm wrench.

STORAGE STUD INSTALLATION

1) Disconnect end links from axle.

2) Attach storage studs to brackets. See Illustration 5

3) Push sway bar up and attach storage stud / bracket on end link.

4) Mark position on the passenger frame rail for bracket. See Illustration 6.

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

5) Center punch and drill 17/64" holes in frame.

6) Install bracket with 5/16" self tapping screws. If screws will not start, enlarge hole to 9/32"

Take care not to strip tapped threads.

7) Repeated steps 4-6 for passenger side.

8) Mount end link to storage stud using washer and cotter pin.

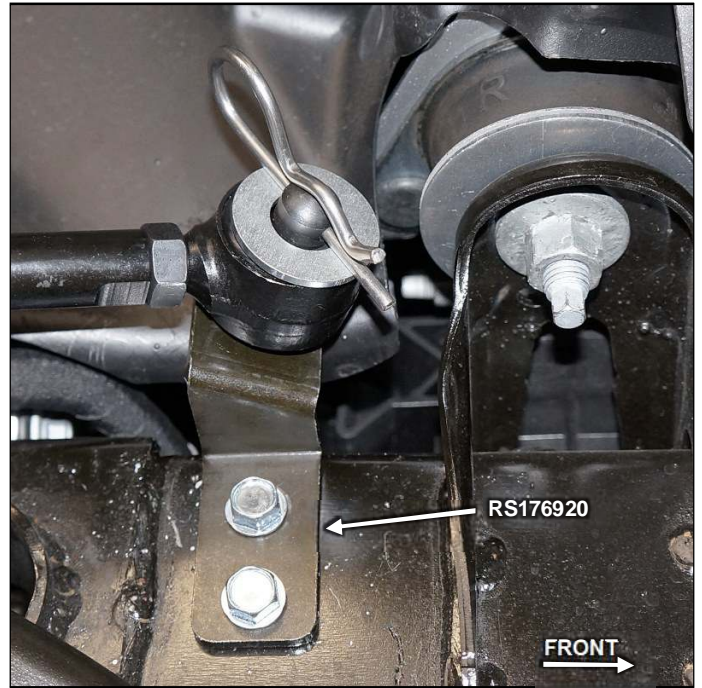


Illustration 5

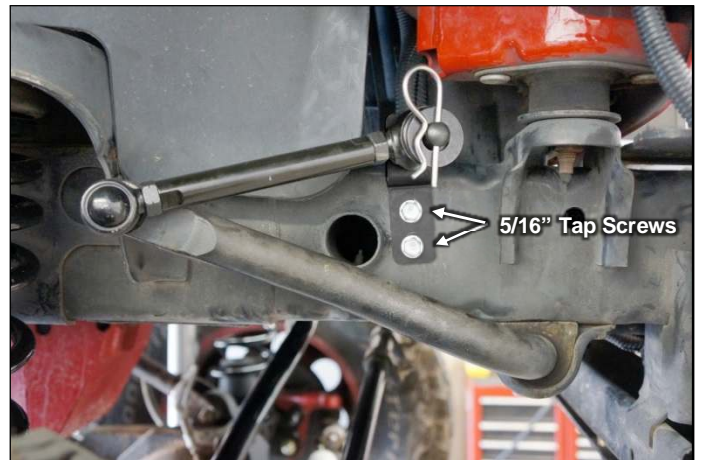


Illustration 6



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Rancho Technical Department 1-734-384-7804.