



rockGEAR™ — RS62126B

Sway Bar Quick Disconnect End Link Kit
Fits 2018 Jeep Wrangler JL

⚠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.

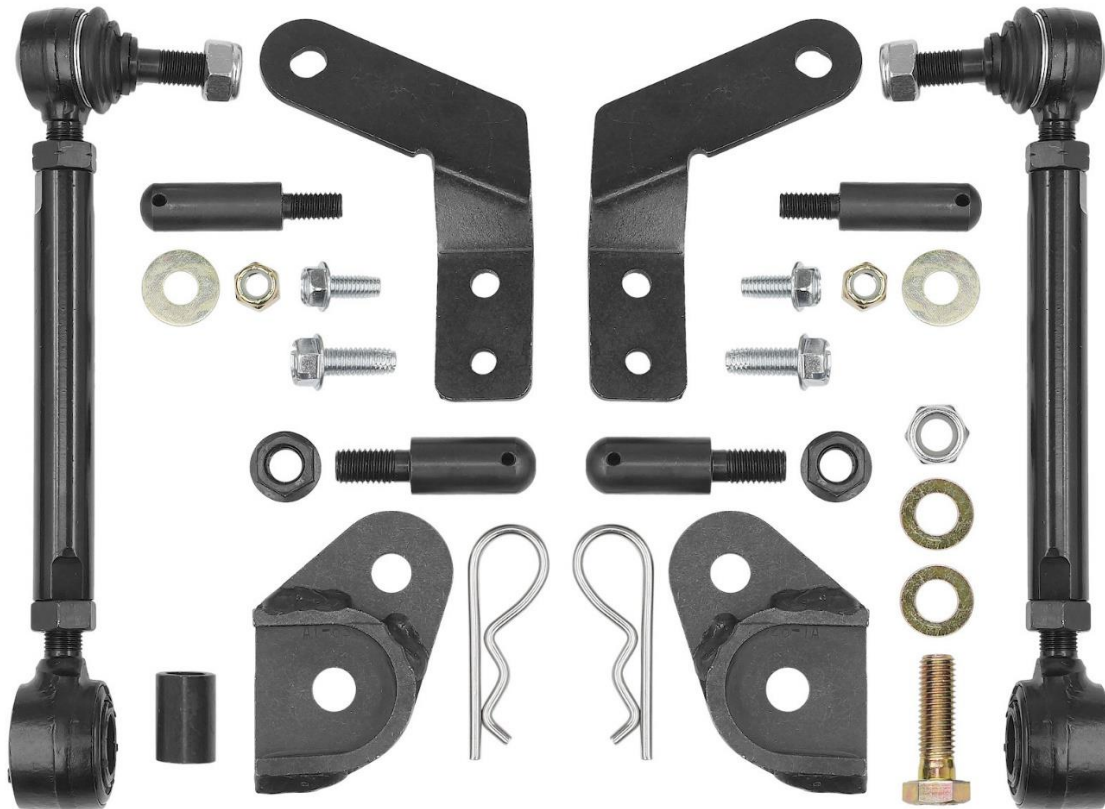
Compatible with original equipment swaybar only.

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 accordingly.



P/N	DESCRIPTION	QTY.	P/N	DESCRIPTION	QTY.	P/N	DESCRIPTION	QTY.
RS881028	Quick Disc. End Link	1	RS860857	Sub Assy, Relocation Brckt	1	RS860858	Sub Assy, Storage Bracket	1
RS176798	Quick Disconnect Link	2	RS176928	Relocation Bracket, Left	1	RS176930	Storage Bracket, Left	1
RS860842	Sub Assy, Lg. Stud Hdwr	1	RS176929	Relocation Bracket, Right	1	RS176931	Storage Bracket, Right	1
RS176859	Quick Disconnect Stud Lg	2	RS420121	Sleeve, 75 X .51 X 1.11	1	RS770239	HHTS 5/16-18 X .75	2
RS770303	Cotter Pin	2	RS770108	HHCS M12-1.75 X 40MM	1	RS770056	HHTS 3/8-16 X 1.00	2
RS860843	Sub Assy, Sm. Stud Hdwr	1	RS7915	Washer M12	2	RS7604	Nut, 3/8-16 Nylock	2
RS176860	Quick Disconnect Stud Sm	2	RS7807	Nut M12-1.75 Nylock	1	RS82113	Instructions	1
RS7755	Washer, 3/8 USS	2						
RS42702	Thread Lock	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 RS176928 on the inboard side of the driver side lower end link axle mount using supplied M12 hardware. Torque to 90 LB-FT. See Illustration 1.
- 2) Install right relocation bracket RS176929 on the inboard side of the passenger side lower end link axle mount using OE hardware and supplied sleeve. Torque to 90 LB-FT. Flag nut must be turned forward to clear cotter pin. Use wrench on flag nut if needed. See Illustration 2 and Illustration 3.
- 3) Install large stud on driver side lower end link relocation bracket 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.
- 4) Install large stud on passenger side lower end link relocation bracket facing inboard with supplied nut and thread lock. Align hole in stud with the top of hole slightly forward so cotter pin will clear flag nut and coil mount. Torque nut to 55 LB-FT. See Illustration 2 and Illustration 3.

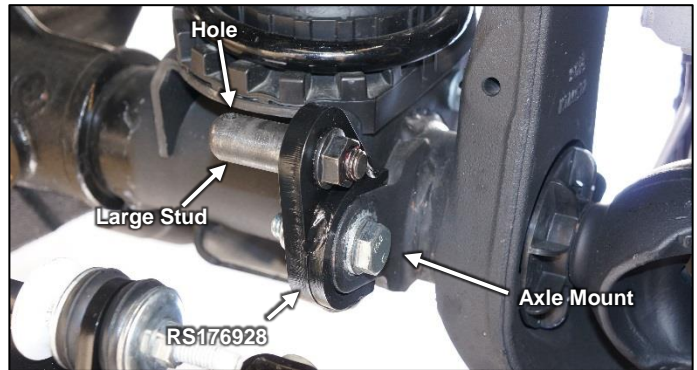


Illustration 1

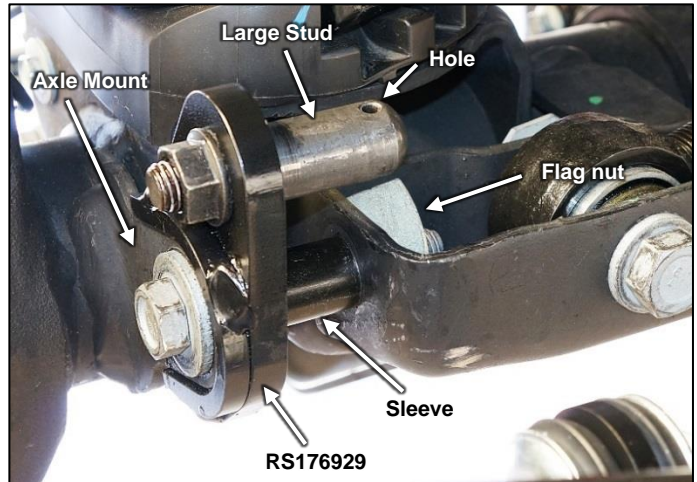


Illustration 2

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 sway bar. Torque nut to 55 LB-FT. See Illustration 4.
- 3) Install bushing end of end link to lower mounting stud and insert cotter pin in hole. See Illustration 3.
- 4) Adjust length of end link by turning the center tube until the sway bar is level horizontal (+/- 5°), or as close as possible. See Illustration 4.

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 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 19mm wrench.

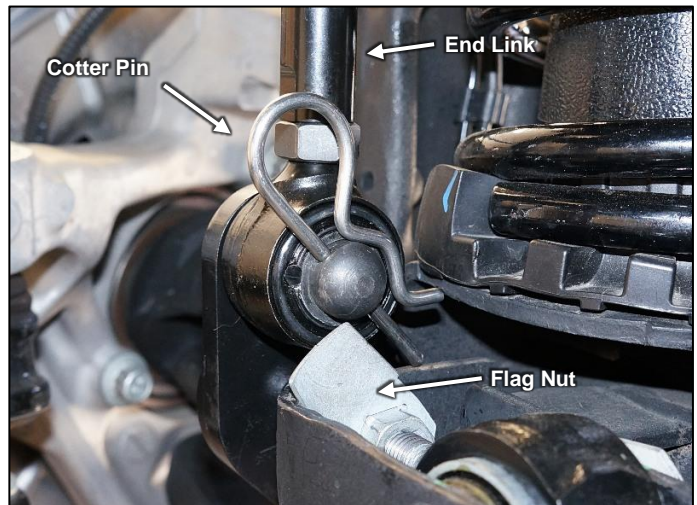


Illustration 3

STORAGE STUD INSTALLATION

- 1) Disconnect end links from axle.
- 2) Loosely attach storage studs to brackets. See Illustration 5.
- 3) Using existing hole and slot in frame, loosely install bracket with 5/16" self-tapping screw in upper hole (threaded into frame), and 3/8" self-tapping screw in lower hole (threaded into bracket).
- 4) Attach end links to storage studs and tighten stud and bracket hardware.

Take care not to strip tapped threads.

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) If unable to use existing holes, mark position on the passenger frame rail for bracket.
- 6) Center punch and drill 17/64" holes in frame. Enlarge upper hole to 11/32".
- 7) Install bracket with 5/16" self-tapping screw in lower hole and 3/8" self-tapping screw in upper hole

Take care not to strip tapped threads.

- 8) Attach end link to stud
- 9) Repeated steps 6-8 for passenger side.
- 10) Mount end link to storage stud using cotter pin.



Illustration 4

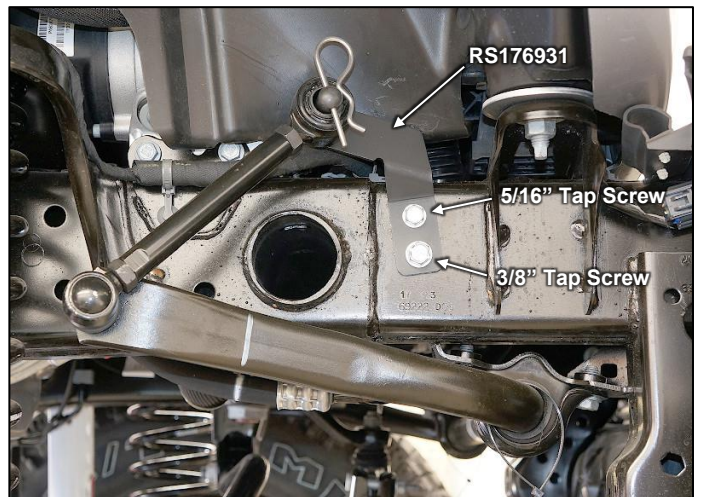


Illustration 5



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Rancho Technical Department 1-734-384-7804.