



INSTALLATION INSTRUCTIONS

Product: Flex Connect™ Link

Part Number: PAC2102

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Welcome

CONGRATULATIONS on purchasing the Flex Connect Sway Bar Link from JKS Manufacturing. We are committed to providing you with the best products available and your satisfaction is our first priority.

PLEASE READ these Installation Instructions carefully, and save them for future reference, as they contain important installation and maintenance information.

Tools Required

- Grease Gun with Zerk Fitting Coupler
- Non petroleum based grease

Parts

PAC2102

	Description	Qty
A	Flex Connect Link	1



WARNING

Higher Rollover Risk



Modifying your Jeep® to improve off-road performance may result in vehicle handling different than as factory equipped, including increased ride-height and/or chassis articulation; reduced lateral stability and higher risk of roll-over or other accident. Also, owner's choice of larger tire and wheel combinations may require additional braking force or increased stopping distances.

To reduce risk of serious injury and accident:

- Choose modifications that balance your actual highway & off-road use.
- Avoid sharp turns, abrupt maneuvers or steep side-cambers.
- Avoid other maneuvering conditions which may cause the vehicle to trip, roll, lose traction or compromise your ability to safely brake in an emergency.
- Routinely inspect your vehicle components for unusual wear or off-road damage. Repair or Replace any unserviceable components before use.
- Acquaint any other drivers with your vehicle modifications and handling.
- Always wear seat belts and/or appropriate off-road restraints, reduce your speed, Tread Lightly®.

Important

Individual Flex Connect link sold as an upgrade to replace existing quicker disconnect link and therefore does not include any hardware.

Designed for use the factory sway bar. Fitment and performance with aftermarket sway bars is up to the installer.

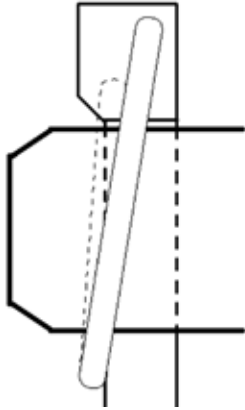
TJ,XJ,ZJ models equipped with quicker disconnects will require a taller clevis mount at the sway bar due to the increased eye size of the Flex Connect Link.

Flex Connect Link measures 9-3/4" eye-eye. Due to variations in shock length and bump stops with lift systems, it is up to the installer to verify fitment. If the links being replaced measure longer than 9-3/4" eye-eye, additional modifications may be required to avoid sway bar inversion in full droop conditions. Check link position at full suspension droop and compression before driving.

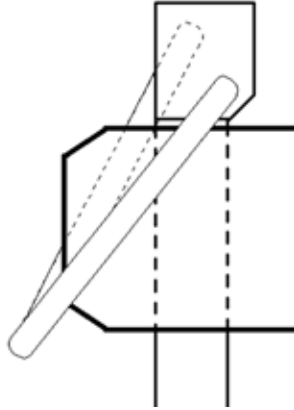
Installation

- ❑ 1. REMOVE EXISTING JKS QUICKER DISCONNECT LINKS
 - Remove the JKS Quick Disconnect links by either sliding it off of the pins or removing the hardware depending on your application. Save hardware and sleeves for re-use.
 - ❑ 2. ADJUST THE PASSENGER SIDE QUICKER DISCONNECT LINK
 - Adjust the passenger side quicker disconnect to 9-3/4" to match the Flex Connect. Lock off the jam nut and keep the eyes in line with each other are the grease fittings on the same side.
 - Re-install the link on the passenger side.
- IMPORTANT: Flex eyes must remain parallel with each other when the jam nut is tightened.***
- ❑ 3. INSTALL FLEX CONNECT LINK
 - The Flex Connect shares the same spherical bushings as the JKS quicker Disconnects. Transfer any sleeves that were used with the standard disconnect over to the Flex Connect Link
 - Using the same hardware that was used with the quicker disconnect, attach the Flex Connect to the driver side of the vehicle.
 - If equipped insert click pins as illustrated to secure.

CORRECT



WRONG



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IMPORTANT: When properly installed, the ring on the Click Pin will “snap” against the shaft of pin. When installed backwards, the ring does not fit snugly against shaft.

❑ 6. FINAL INSTALLATION STEPS

- Lubricate all grease fittings on the link eyes immediately after installation using a grease gun and non-petroleum based grease.

Troubleshooting

If swaybar does not rotate freely, remove from vehicle, clean and apply rubber lubricant to chassis-mounted bushings, and reinstall.

Contact between Quicker Disconnect Clevis Mount and vehicle chassis on Wrangler TJ models usually indicates a misaligned swaybar caused by a front axle that is not centered. Take consistent measurements on each side of vehicle to confirm misalignment, and install JKS Adjustable Trackbar. JKS sway bar clamps part # 2038 can also be installed to cure this problem.

Maintenance

It is important to lubricate the flex eyes frequently for the first three (3) months after installation to evacuate contaminants that may build up during break-in period.

After break-in period, the flex eyes should be lubricated regularly as part of vehicle maintenance schedule.

Regular cleaning with pressurized water is recommended to maximize ease of operation and reliability. Always lubricate afterwards to evacuate any moisture

Flex Connect Rebuild

The internal components of the Flex Connect are sealed and designed for maintenance free long term performance. These instructions are provided as a reference for the steps required to swap springs. The Flex Connect Performance Spring Kit is sold separately as part number 2100.

❑ 1. FLEX CONNECT DISASSEMBLY

These instructions are written with the assumption the customer has the assembly wrenches included in the Performance Spring Kit. If not, 2 crescent wrenches with jaw openings up to 1-1/2" can be used.

- Hold the body of the Flex Connect across the flats and loosen the Flex Connect body as shown in the Figure.

Note: A 3/8" ratchet can be inserted into the square hole in the wrench if additional leverage is required.



Note: If using a vice, put the cap in the vice jaws and use the provided wrench on the body to prevent the vice from binding on the threads.

- With the cap unthreaded, slide the shaft assembly out of the body.
- Tip the Flex Connect body up and the spring followed by the washer will fall out of the body.
- To remove the spring from the shaft, hold the shaft across the flats next to the bronze bushing and remove the nut.

Note: The wrench with the rounded opening is 1/2" across the flats for the rod and the other is 9/16" for the nut.



- Slide the spring off of the shaft.

Note: The spring washer goes on the side of the spring towards the cap.

❑ 2. FLEX CONNECT ASSEMBLY

- Install the washer back into the body of the Flex Connect followed by the spring of your choosing.
- Install a matching spring onto the Flex Connect shaft followed by the bronze bushing and nut
- Torque the nut to 25 ft-lbs.

IMPORTANT: Always install matching springs into the Flex Connect. Failure to do so will create different roll stiffness depending on the direction of roll and yield undesirable handling characteristics.

- Apply grease to the bronze bushing if it was removed during disassembly
- Slide the Flex Connect shaft back into the housing and slide the cap down the shaft until the threads engage.
- Tighten the cap to approximately 25 ft-lbs.