IRON ROCK OFF ROAD

1-877-919-JEEP www.ironrockoffroad.com

Sway Bar Disconnect Links Instructions

Parts List:

#268 – Sway Bar Disconnect Bushings (1)

- ❑ Poly Bushing 94025 (4)

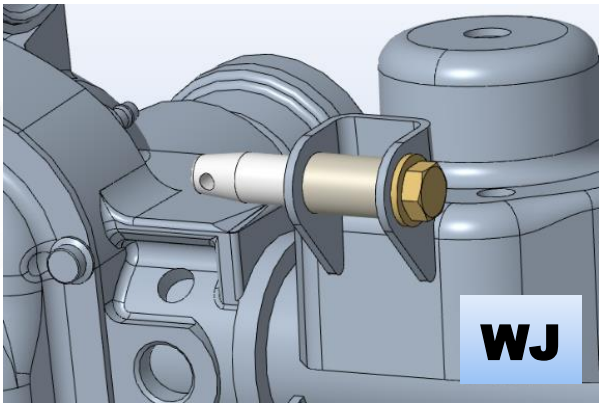
WJ ~Optional~

#267 – WJ Sway Bar Disconnect Hardware (1)

- ❑ Disconnect Pin 94028 (2)
- ❑ Spacer Sleeve 94032 (2)
- ❑ 1/2-20 x 2-1/2” Hex Bolt, gr8 (2)
- ❑ 1/2 F436 Hard Washer (2)
- ❑ 1/4" x 1-1/4” Spring Lynch Pin (2)

#288 – WJ Sway Bar Disconnect Sleeves (1)

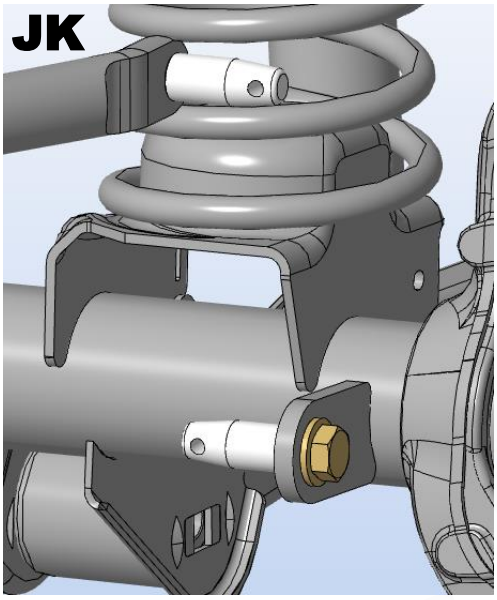
- ❑ 12mm bushing sleeve 92038 (2)



JK ~Optional~

#266 – JK Sway Bar Disconnect Hardware (2)

- ❑ Disconnect Pin 94028 (2)
- ❑ 1/2-20 x 1” Hex Bolt, gr8 (2)
- ❑ 1/2 F436 Hard Washer (2)
- ❑ 1/4" x 1-1/4” Spring Lynch Pin (2)



XJ ~Optional~

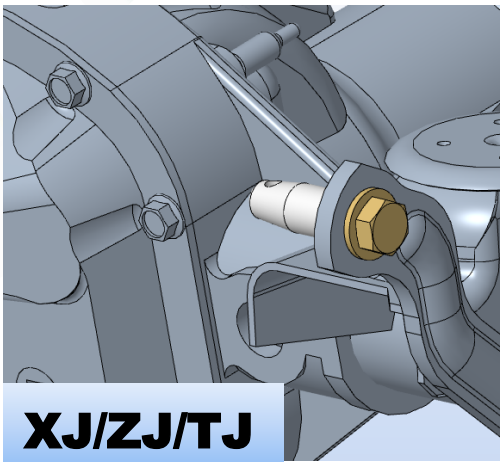
#287 – XJ Sway Bar Disconnect Hardware (1)

- ❑ Disconnect Pin 94028 (2)
- ❑ 1/2-20 x 1” Hex Bolt, gr8 (2)
- ❑ 1/2 F436 Hard Washer (2)
- ❑ 1/4" x 1-1/4” Spring Lynch Pin (2)
- ❑ 12mm bolt sleeve 92038 (2)
- ❑ M12 x 70 cl10.9 hex bolt (2)
- ❑ M12 cl10.9 hex nut (2)
- ❑ 1/2 x 1 1/2” gr8 hex bolt (2)
- ❑ 1/2 gr8 lock washer (2)
- ❑ 1/2 gr8 hex nut (2)
- ❑ U-Bracket 99000 (2)

TJ & ZJ ~Optional~

#286 – XJ Sway Bar Disconnect Hardware (1)

- ❑ Disconnect Pin 94028 (2)
- ❑ 1/2-20 x 1” Hex Bolt, gr8 (2)
- ❑ 1/2 F436 Hard Washer (2)
- ❑ 1/4" x 1-1/4” Spring Lynch Pin (2)
- ❑ 12mm bolt sleeve 92038 (2)
- ❑ M12 x 60 hex bolt, cl10.9 (2)
- ❑ M12 hex nut, cl10.9 (2)
- ❑ M10 x 30 hex bolt, cl10.9 (2)
- ❑ 3/8” USS washer (2)
- ❑ M10 hex nut, cl10.9 (2)
- ❑ U-Bracket 99000 (2)



Installation Instructions:

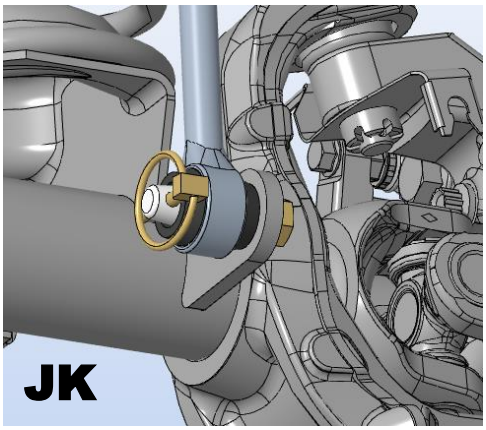
*Safety Warning: *Important! Read before installation. **

We recommend this system be installed by a qualified professional. Knowledge of suspension component function is necessary for safe installation and post installation inspections. Be sure to re-torque all suspension components after the first 100 miles of use, and frequently inspect all safety critical suspension components frequently.

Notes:

- ❑ Do not operate vehicle with only one side of the sway bar connected. Both sides of the sway bar must either be disconnected or both sides must be connected.

Before you begin:



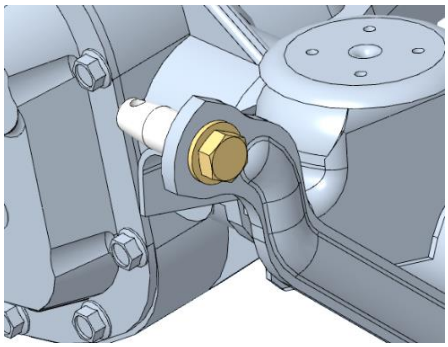
- ❑ Read all safety warnings.
- ❑ Read and understand installation instructions.
- ❑ Contact Iron Rock Off Road with any questions before, during, or after installation. 952-210-7185
- ❑ **Ensure that all parts are present and in good condition using the included shipping checklist.**
- ❑ Be sure you have the following tools and supplies:
  - ❑ Floor jack and jack stands.
  - ❑ Basic hand tools (wrenches, sockets, etc.).
  - ❑ Multi-purpose grease

Prepare for installation:

1. Locate the front sway bar links, bushings, and bolt sleeves.
2. Grease and install the hourglass bushings.
3. Grease and install the sway bar link inner sleeves in only one end of each link.
4. Raise the vehicle and secure on jack stands under the frame.
5. Remove the front tires.
6. Disconnect the original front sway bar links from the axle and sway bar.

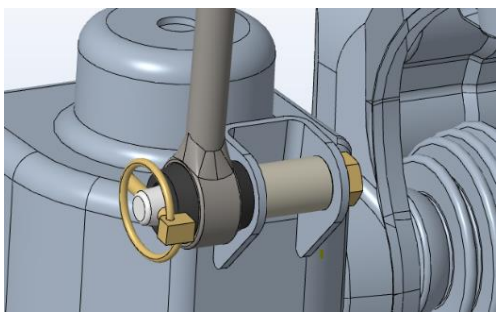
XJ Installation:

7. Locate front sway bar links, two u-brackets, and **HK #287**.
8. Install sway bar link u-brackets to the sway bar using 1/2 x 1-1/2" grade 8 hex bolts, lock washers, and nuts. Brackets mount to the bottom of the sway bar with the bolt facing up and the lock washer and nut on top of the sway bar. Rotate the bracket so it is offset away from the center of the vehicle. Align brackets, torque bolts to 80 ft-lbs.
9. Install sway bar links driver's side first using provided M12 x 60mm class 10.9 hex bolt and nut through the u-bracket with the nuts toward the outside of the vehicle. Tighten all bolts to 78 ft-lbs.
10. Install the disconnect pin on the axle, pin pointing in-board. Use the 1/2" x 1" bolt with a washer.
    Tip: Before tightening determine your desired orientation for the retaining pin.
11. Hold the disconnect pin in your desired orientation and torque the bolt to 70lb-ft.
12. Apply grease to the disconnect pin and slide the sway bar link onto the disconnect pin.
13. Secure the sway bar link in place using the spring lynch pin.
    *NOTE: The spring lynch pin should take some effort to install. This is done on purpose to keep the link secure and noise free.
14. Reinstall tires and torque lug nuts to spec.
15. Lower vehicle to the ground.
16. With the vehicle back on the ground, pull the spring pins and slip the sway bar links off the disconnect pins.
17. Swing the sway bar links up to the sway bar then swing the sway bar up to its highest position.
18. Flex the suspension and steer fully left and right. Check for possible interference between the tires and sway bar.
19. Reconnect the sway bar links to the axle.
20. For ease of installation and best performance, re-grease the sway bar bushings periodically.



ZJ and TJ Installation:

21. Locate front sway bar links, two u-brackets, and **HK #286**.
22. Install sway bar link u-brackets to the sway bar using M10 x 30 hex bolts nuts and washers. Brackets mount to the bottom of the sway bar with the bolt facing up and the washer and nut on top of the sway bar. Align brackets with offset holes pushing the brackets toward the outside of the vehicle. Torque to 60 ft-lb.
23. Install sway bar links driver's side first using provided M12 x 60mm class 10.9 hex bolt and nut through the u-bracket with the nuts toward the outside of the vehicle. Tighten all bolts to 78 ft-lb.
24. Install the disconnect pin on the axle, pin pointing in-board. Use the 1/2" x 1" bolt with a washer.
    Tip: Before tightening determine your desired orientation for the retaining pin.
25. Hold the disconnect pin in your desired orientation and torque the bolt to 70lb-ft.
26. Apply grease to the disconnect pin and slide the sway bar link onto the disconnect pin.
27. Secure the sway bar link in place using the spring lynch pin.
    *NOTE: The spring lynch pin should take some effort to install. This is done on purpose to keep the link secure and noise free.
28. Reinstall tires and torque lug nuts to spec.
29. Lower vehicle to the ground.
30. With the vehicle back on the ground, pull the spring pins and slip the sway bar links off the disconnect pins.
31. Swing the sway bar links up to the sway bar then swing the sway bar up to its highest position.
32. Flex the suspension and steer fully left and right. Check for possible interference between the tires and sway bar.
33. Reconnect the sway bar links to the axle.
34. For ease of installation and best performance, re-grease the sway bar bushings periodically.

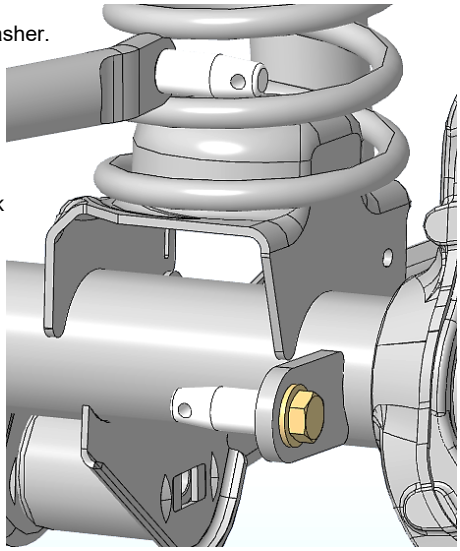


WJ Installation:

35. Install the sway bar links onto the sway bar using the original hardware.
36. Install the disconnect pin on the axle, pin pointing in-board, spacer sleeve inside the mount. Use the 1/2" x 2-1/2" bolt with a washer.
    Tip: Before tightening determine your desired orientation for the retaining pin.
37. Hold the disconnect pin in your desired orientation and torque the bolt to 70lb-ft.
38. Install the new bushings into your sway bar links using plenty of multi-purpose grease.
39. Reinstall your sleeves into the top of the sway bar link bushing using multi-purpose grease.
40. Reinstall your sway bar link onto the sway bar and torque the bolts to 70lb-ft.
41. Apply grease to the disconnect pin and slide the sway bar link onto the disconnect pin.
42. Secure the sway bar link in place using the spring pin.
    *NOTE: The spring pin should take some effort to install. This is done on purpose to keep the link secure and noise free.
43. Reinstall tires and torque lug nuts to spec.
44. Lower vehicle to the ground.
45. With the vehicle back on the ground, pull the spring pins and slip the sway bar links off the disconnect pins.
46. Swing the sway bar links up to the sway bar then swing the sway bar up to its highest position.
47. Flex the suspension and steer fully left and right. Check for possible interference between the tires and sway bar.
48. Reconnect the sway bar links to the axle.
49. For ease of installation and best performance, re-grease the sway bar bushings periodically.

JK Installation:

50. Use a 1/2" drill bit to slightly enlarge the bolt hole in the sway bar. Only a very minor amount of material will be removed.
51. Install the disconnect pin on the axle, pin pointing in-board. Use the 1/2" x 1" bolt with a washer.
52. Install the disconnect pin on the sway bar, pin pointing out-board. Use the 1/2" x 1" bolt with a washer.
    Tip: Before tightening determine your desired orientation for the retaining pin.
53. Hold the disconnect pin in your desired orientation and torque the bolts to 70lb-ft.
54. Install the bushings into the sway bar links using plenty of multi-purpose grease.
55. Apply grease to the disconnect pins and slide the sway bar link onto the disconnect pins.
56. Secure the sway bar link in place using the spring pins.
    *NOTE: The spring pin should take some effort to install. This is done on purpose to keep the link secure and noise free.
57. Reinstall tires and torque lug nuts to spec.
58. Lower vehicle to the ground.
59. With the vehicle back on the ground, pull the spring pins and slip the sway bar links off the disconnect pins.
60. Swing the sway bar links up to the sway bar then swing the sway bar up to its highest position.
61. Flex the suspension and steer fully left and right. Check for possible interference between the tires and sway bar.
62. Reconnect the sway bar links to the axle.
63. For ease of installation and best performance, re-grease the sway bar bushings periodically.



Final Safety Warning:

***Both sides of the sway bar must be disconnected. Do not operate vehicle with only one side of the sway bar connected.**

Re-torque all fasteners after 100 miles, and frequently inspect all safety critical suspension components. It is the responsibility of the installer to ensure all fasteners are properly tightened after installation and to ensure the owner knows his/her ongoing responsibility. It is the responsibility of the owner of the vehicle to be sure all safety critical components are inspected frequently, especially after off road or other demanding use.

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