

IRON ROCK OFF ROAD

WJ Auxiliary Stabilizer
Installation Instructions

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

Parts Checklist:

BOX 1 20x4x4

- Steering Stabilizer (2962) (1)

#37 – WJ Steering Stabilizer Hardware (1) (for use with IRO and most track bars)

- M12 x 60 cl10.9 hex bolt (1)
- M12 x 80 cl10.9 hex bolt (1)
- M12 hex nut, CL10.9 (2)
- 7/16 USS washer (2)
- 3/8 USS washer (3)
- SBL U-Bracket (1)
- OTK steering clamp (1)

#71 – WJ Steering Stabilizer Hardware (1) (for use with JKS trackbar ONLY)

- OTK steering clamp (2)
- 7/16 USS washer (4)
- M12 x 80 cl10.9 hex bolt (2)
- M12 cl10.9 hex nut (2)



Installation Instructions:

Iron Rock and most track bars:

- Lift front of vehicle and support with jack stands under the front axle. Ensure that vehicle is safely supported.
- Using two adjustable wrenches open the steering clamp enough to slip over the drag link (this is the bar that runs from the steering gearbox pitman arm to the passenger side knuckle). Put the clamp on the drag link.
- Close the clamp as much as possible using the two adjustable wrenches.
- Remove the track bar mounting bolt at the unibody.
- Install u-bracket onto the track bar mounting bolt.
- Reinstall track bar mounting bolt with u-bracket. With the u-bracket in its approximate rotational position, tighten the bolt until snug so that the u-bracket will not rotate freely but can be forced to rotate.
- Ensure that the steering is pointed straight ahead and not turned either direction.
- Measure and record the extended length of the steering stabilizer, then measure and record the collapsed length. Calculate and record the average length (or the middle of the travel range).
- Position the steering stabilizer at its average length.
- Loosely assemble steering stabilizer (body end) into u-bracket using the M12 x 60 bolt, 2 washers and M12 nut.
- Loosely assemble steering stabilizer (shaft end) onto new drag link clamp using provided hardware from the steering stabilizer box and hardware kit 37. Use the long M10 bolt and nut with a washer on each side. Use the thick spacer washer between the stabilizer and the clamp.
- Position the clamp so the steering stabilizer is as close to parallel as possible to the drag link. Be sure to check from several directions. Position the clamp bolt so that it will not interfere with any other parts during its rotation.
- Tighten the clamp bolt, but not the u-bracket bolt.
- Hold the assembly in place and mark the rotational position of the u-bracket with a pencil.
- Remove the steering stabilizer from the u-bracket and torque the track bar bolt to spec. Hold the u-bracket in position with an adjustable wrench if necessary.
- Install the steering stabilizer into the u-bracket and tighten bolt.
- Verify that the steering is centered and the steering stabilizer is at its average length.
- Cycle the steering in both directions and ensure that none of the new parts will interfere with any other parts. Also verify that the steering stabilizer length does not restrict the steering travel in either direction.
- Cycle the suspension and steering and ensure that the steering stabilizer will not contact the engine oil pan or any other parts.
- Verify that all bolts have been tightened to the proper torque spec.
- Lower the vehicle to the ground.

For JKS track bars:

- The steering stabilizer runs from the drag link to the track bar itself.
- Follow instructions above except install another steering clamp onto the track bar itself instead of the u-shaped bracket. Use the provided M12 x 100 bolt to attach the stabilizer to the steering clamp. Place a 7/16 washer on each side and between the stabilizer and the steering clamp.
- Carefully make sure there is room for complete cycling of steering and suspension.

