

# Jeep WJ Grand Cherokee 1999-2004

## Auxiliary Steering Stabilizer Kit Installation Instructions



**Iron Rock Off Road, Inc.**

952-210-7185

Website: [www.ironrockoffroad.com](http://www.ironrockoffroad.com)

E-mail: [Contactus@ironrockoffroad.com](mailto:Contactus@ironrockoffroad.com)

1. Lift front of vehicle and support with jack stands under the unibody frame.  
Tip: break lug nuts loose before lifting vehicle if necessary.
2. Ensure that vehicle is safely supported.
3. Remove front tires.
4. Loosen drag link end clamp at the steering knuckle.
5. Disconnect the drag link from the steering knuckle.
6. Remove the drag link end from the drag link. Count the number of revolutions so that the drag link end can be reinstalled in the exact same position.
7. Remove the drag link end clamp and the two retaining clips that hold the clamp to the drag link.
8. Slide the new steering stabilizer clamp onto the drag link.
9. Re-install the drag link end clamp and two retaining clips.
10. Reinstall drag link end. Count the revolutions to position it exactly where it was.
11. Reconnect the drag link end to the steering knuckle.
12. Torque to spec. and install a new cotter pin.
13. Remove the track bar mounting bolt at the unibody.
14. Install u-bracket onto the track bar mounting bolt.
15. Reinstall track bar mounting bolt with u-bracket. With the u-bracket in it's approximate rotational position, tighten the bolt until snug so that the u-bracket will not rotate freely but can be forced to rotate.
16. Raise the vehicle and support with jack stands under the axle.
17. Ensure that the steering is pointed straight ahead and not turned either direction.
18. 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).
19. Position the steering stabilizer at it's average length.
20. Loosely assemble steering stabilizer into u-bracket and new drag link clamp using provided hardware.
21. 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.
22. Tighten the clamp bolt, but not the u-bracket bolt.
23. Hold the assembly in place and mark the rotational position of the u-bracket with a pencil.
24. 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.
25. Install the steering stabilizer into the u-bracket and tighten bolt.
26. Verify that the steering is centered and the steering stabilizer is at it's average length.
27. 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.
28. Cycle the suspension and steering and ensure that the steering stabilizer will not contact the engine oil pan or any other parts.
29. Verify that all bolts have been tightened to the proper torque spec..
30. Install tires.
31. Lower the vehicle to the ground.
32. Torque lug nuts to spec.