

IRON ROCK OFF ROAD

WJ Steering Equalizer
Instructions

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

Parts Checklist:

- Track bar drop bracket 92207 (1)

#80 (WJ Track Bar Drop Subframe Hardware)

- 7/16 x 1 1/4" gr8 hex bolt (2)
- 7/16 gr8 hex nut (2)
- 7/16 USS washer (8)
- M12 x 70 cl10.9 hex bolt (2)
- M12 cl10.9 hex nut (2)

Optional Parts:

- WJ large drop pitman arm (1)



Before you begin:

- Read all safety warnings.
- Read and understand installation instructions.
- Check all steering and suspension components for wear and replace as needed.
- Contact Iron Rock Off Road with any questions before, during, or after installation.
- 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
 - Pitman arm puller
 - Hand drill with 7/16" drill bit
 - Touch up paint to match the color of your unibody frame.

Installation:

- Lift front of vehicle and support with jack stands under the front unibody frame.
 - **Tip: break front lug nuts loose before lifting vehicle.
- Ensure that vehicle is safely supported.
- Remove front tires.
- Place a floor jack under the front axle for support, do not lift vehicle.
- Disconnect drag link from pitman arm.
- Remove the pitman arm retaining nut.
- Remove pitman arm using pitman arm puller.
- Remove the track bar from frame mount.
- Insert track bar drop subframe into track bar mount using M12 bolt and washers. Do not tighten at this time.
- Swing subframe up until it makes contact with underside of frame rail. (Passenger side)
- Mark 2 holes on pinch seam for drilling.
- Drill these holes with 7/16" drill bit.
- Apply touch up paint to drilled holes to prevent rust.
- Swing subframe back up into place and install the two 7/16 bolts using washers.
- Torque bolts to 65 ft-lbs.
- Reinstall track bar into drop bracket.
- Torque track bar to 80 ft.-lbs.
- Torque track bar bracket bolt to 80 ft-lbs.
- Install new drop pitman arm in the same orientation as the original equipment part. Slide old pitman arm back on as needed to get exact orientation.
- Torque pitman arm nut to 185 ft-lbs.
- Reinstall drag link onto pitman arm.
- Torque castle nut to 65 ft-lbs and install cotter pin.
- Install front tires.
- Lower vehicle and torque lug nuts to spec.
- Adjust the track bar length as needed by measuring from the unibody frame to the top of the tire on each side.
- Center steering wheel by adjusting the drag link shorter.

Final Safety Warning:

* Re-torque all fasteners including lug nuts after 100 miles, and frequently inspect all safety critical suspension components. It is the responsibility of the installer to be sure 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.

