



RUBICON MANUFACTURING INC. 3290 MONIER CR. RANCHO CORDOVA, CA. 95742 916-473-4600

INSTALLATION INSTRUCTIONS FOR: RE1610/RE1611 X-DUTY ADJUSTABLE TRACK BAR & BRACKET (TJ)

Safety Warning:

Suspension systems or components that enhance the off-road performance of your vehicle may cause it to handle differently, on and off-road, than it did from the factory. Care must be taken to prevent loss of control or vehicle rollover during sudden maneuvers. Failure to drive the vehicle safely may result in serious injury or death to driver and passengers. We recommend you always wear your seatbelt, drive safely and avoid quick turns and other sudden maneuvers. Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

Installation Warning:

We recommend that certified technicians perform the installations of our products. Attempts to install these products without knowledge or experience may jeopardize the safety of the vehicle. These instructions only cover the installation of our products and may not include factory procedures for disassembly and reassembly of factory components. Read instructions from start to finish and be sure all parts are present before disassembling the vehicle. Included instructions are guidelines only for recommended procedures and in no way are meant to be definitive. Installer is responsible to insure a safe and controllable vehicle after performing modifications. Do not perform test drives on public roads with partially completed installations. Always double and triple check your work before use.

CONTENTS:

- 1 RE1610 Track bar (must mount with RE1611)
- 1 RE1611 (sold separately) Frame bracket with:
 - 1 M10-1.5 X 80 Hex bolt
 - 1 M10-1.5 Top lock nut
 - 2 ½"-13 X 4" Hex bolt
 - 2 ½"-13 Nylock nut
 - 4 ½" USS Flat washer thru hard
 - 1 5/8"-18 X 2.5" Hex bolt
 - 1 5/8"-18 Top lock nut

REQUIRED TOOLS:

Basic mechanics tools and wrenches
Drill motor
High quality ½" and 5/8" drill bits

INSTALLATION:

NOTE: Use of a dropped pitman arm is recommended with this product.

- 1 Begin installation by placing vehicle on flat level surface and engage parking brake.
- 2 Remove old track bar assembly.
- 3 Use 5/8" drill bit to enlarge track bar upper mounting hole at frame.
- 4 Place new RE1611 in position on frame rail allowing 5/8" hole in bracket and frame to align. Use supplied 5/8" hardware to secure bracket in place. Bracket will only install properly one way.
- 5 With bracket properly located drill two ½" holes in frame to match holes in bracket near steering box. Use care to insure straight holes.

- 6 Through bolt bracket to frame using supplied ½" hardware - refer to Photo 1.
- 7 Attach new track bar to lower mounting bracket using factory hardware. This will be the poly-bushing end of bar. Position bar so it starts out parallel with axle (horizontal) then turns up toward frame mount - refer to Photo 2.
- 8 Tighten lower mounting bolt to 65 ft/lbs.
- 9 Before connecting upper mount, center the vehicle over the axle by measuring the distance from front fender flare to tire on both driver and passenger sides of the vehicle, then adjusting vehicle until body is centered over the axle. It may be necessary to have someone push the body to accomplish this, or pull steering wheel one way or another.
- 10 Adjust spherical bearing end so that it will fit directly into the upper mount with the body centered with weight on vehicle.
- 11 Tighten the jam nut to prevent the spherical bearing end from moving on threads.
- 12 Use supplied M10 bolt to attach bearing to new bracket.



Photo 1



Photo 2