

## Rusty's Adjustable Front Track Bar RC-TB111-UV INSTALLATION INSTRUCTIONS

Last Revised: 01/16/2017

### Introduction:

Rusty's recommends that this installation be performed by a certified automotive technician or a person with professional mechanical knowledge. Installing this kit without this expertise may jeopardize the handling and safety of the vehicle.

Read instructions several times before starting. Be sure you have all the needed parts and know where they install. Read each step completely as you go. Exhaust modifications may be necessary. Prior to drilling or cutting, check behind the surface being worked on for any wires, lines, or hoses that could be damaged. After any drilling or cutting, remove burrs and grind smooth any surfaces. An inclinometer or similar tool may be needed to measure driveshaft angles before and after the installation.

### Warning:

- It is the owners' responsibility to inspect all Rusty's products for proper torque specs to prevent loosening of components.
- Seat belts and shoulder harnesses should be worn at all times.
- Re-check all bolts and nuts after the first 100 miles and after any off-road usage during the first 300 miles.
- Although all of our products are made from the highest quality materials possible, they are not a substitute for Safe and Careful driving. In other words, have good safe on-road / off-road sense. Know the terrain, the speed limitations, and any obstacles that may lie ahead. Please remember to preserve our right to enjoy public land through the proper use of off-road vehicles.

### Before Starting Installation:

1. Carefully Read all warnings and instructions completely before beginning.
2. Verify all parts have been received in this kit by checking the parts list on page#2 of this document.
3. Only install this kit on the vehicle for which it is specified.
4. Park the vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
5. Be certain the vehicle is safely secured on jack stands or a vehicle lift prior to working around or under a vehicle. Never rely on a jack alone to support a vehicle's weight; use appropriately rated stands to sup-

**Parts List:**

**Note:** Please be sure that you have all the provided parts listed below before continuing with the installation.

<b>Part #</b>	<b>DESCRIPTION:</b>	<b>Quantity</b>
RC-TB111-UV	Rusty's Adjustable Front Track Bar (0-2" of Lift)	1
52005739L	Steering Tie Rod End (M22 x 1.5 LH Thread) (Pre-Installed) (Contents Below)	1
05895719	1/2"-20 Castle Nut (Qty:1 Per Pack)	
67979724	3/32" Diameter x 1-1/2" Long Cotter Pin (Qty:1 Per Pack)	
03244860	1/4"-28 Thread Straight Head Standard Grease Fitting (Qty:1 Per Pack)	
RS-JN22M-L	Rusty's Jam Nut (M22 x 1.5 LH Thread) (Qty:1 Per Pack)	
MO2327	Track Bar Replacement Bushings (MO2327) (Pre-installed) (Contents Below)	1
MO2327-H	MO2327 Bushing Half (Qty:2)	
MO2327-10S	10mm I.D. x 5/8" O.D. x 1-5/8" Length Bushing Sleeve (Qty:1)	



**NOTE:** Refer to this chart for Rusty's track bars manufactured prior to December 1st 2007 for replacement tie rod end.

<a href="#">52005740</a>	MOOG Part # ES3095R	RH Threaded	Overall Length: 6-1/8"
<a href="#">52000599</a>	MOOG Part # ES2223R	RH Threaded	Overall Length: 5-3/8"
<a href="#">J8136600</a>	MOOG Part # ES140R	RH Threaded	Overall Length: 3-7/8"



For Questions or Suggestions, contact our Tech Department (256-442-0607)

## Installation Instructions

Note: Save all factory components and hardware for reuse, unless noted.

- 1.) Properly block and secure vehicle prior to installation.
- 2.) Remove the cotter pin and nut securing the factory track bar to the frame bracket.
- 3.) Remove the bolt and nut securing the factory track bar to the axle.
- 4.) Remove the tie rod end with a puller and remove the factory track bar from the vehicle.
- 5.) Install the new track bar at the axle mount by reusing the factory bolt and tab nut. (Torque Specs: 45 ft. lbs.)
- 6.) Before bolting to the frame, you will need to center the body over the axle. Look at the front of the vehicle to see if the axle is centered, if not unlock the steering wheel. Turn the steering wheel in order to shift the body over the axle until centered. Once centered lock the steering wheel and adjust the adjustable end of the track-bar to the proper length and fasten to the axle mount with the factory hardware. (Torque to 35 Ft. lbs.)
- 7.) Once adjusted to the correct length, add a drop of lock tight to the jam nut and tighten. (Torque Specs: 55 ft. lbs.)
- 8.) After the track bar is adjusted to the correct length and all hardware is torqued to specs it is a good idea to make sure there are enough threads in the track bar. The tie rod end has approximately 2.5 of threads and at least one inch of threads needs to be screwed into the bar, so measure the amount of threads outside the jam nut, the amount of threads showing should not exceed 1.50 inches.
- 9.) Lubricate the adjustable end of the track bar on the tie rod ends grease fitting with a non-petroleum based grease.
- 10.) Installation Completed!

## Final Notes:

Note: Save all factory components and hardware for reuse, unless noted.

At this point there should be no remaining new parts left to be installed except for the stickers.

We recommend having the vehicle professionally aligned. The vehicle should be aligned to factory specifications. It may be necessary to center the steering wheel. This is done by loosening the clamps on the drag link and rotating the adjuster sleeve in order to lengthen or shorten the drag link. Once adjustment is complete, re-tighten the adjuster clamps.

## WARNING

**It is the owners' responsibility to inspect all Rusty's products for proper torque specs to prevent loosening of components. Seat belts and shoulder harnesses should be worn at all times. Re-check all bolts and nuts after the first 300 miles and after any off-road usage during the first 300 miles. Although all of our products are made from the highest quality materials possible, they are not a substitute for Safe and Careful driving. In other words, have good safe on-road / off-road sense. Know the terrain, the speed limitations, and any obstacles that may lie ahead. Please remember to preserve our right to enjoy public land through the proper use of off-road vehicles. Thank you for choosing Rusty's Off Road Products.**



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