



Rusty's Off-Road Products
7161 Steele Station Road
Rainbow City, AL 35906
1-256-442-0607
www.rustysoffroad.com

Rusty's TJ Wrangler Steering Box Skid RA-JS25-TJ INSTALLATION INSTRUCTIONS

Last Revised: 11/29/2016

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 support the vehicle's frame and any other heavy components.



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



Rusty's Off-Road Products
 7161 Steele Station Road
 Rainbow City, AL 35906
 1-256-442-0607
www.rustysoffroad.com

Parts List:

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

<u>Part #</u>	<u>DESCRIPTION:</u>	<u>Quantity</u>
RA-JS25-TJ	Steering Box Skid	1
13209	1/2 x 1.5 Bolt	2
33012	1/2 Washer	2
37030	1/2 Nut	1

INSTALLATION

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

- 1.) Remove the two lower bolts the hold the steering box to the side of the frame.
- 2.) Remove the lower bumper bolt on the driver's side.
- 3.) Position the skid plate into place and install the two bolts in the side of the frame and the bottom bumper bolt use a supplied washer with the bumper bolt. (Do not tighten at this time).
- 4.) Mark the remaining hole on the bumper and drill it 1/2".
- 5.) Install the supplied nut bolt and washer.
- 6.) Tighten the bolts on the frame to 45 ft. lbs and the bumper bolts to 55 ft. lbs.

Final Notes:

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.

You need to have the vehicle aligned as soon as possible.

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.



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