



Rusty's Off-Road Products  
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## Rusty's WJ Transfer Case Skid Plate RA-JS15-WJ INSTALLATION INSTRUCTIONS

Last Revised: 5/30/2017

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



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

**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> |
|---------------|---|-----------------|
| RA-JS15-WJ    | Rusty's WJ Transfer Case Skid Plate                 | 1               |
| RC-DTN-WJ     | Rusty's RA-JS15-WJ Double Tab Nut                   | 1               |
| 67426049      | 7/16"-14 x 1-1/2" Length Grade 8 Hex Head Cap Screw | 2               |
| 05724638      | 7/16" SAE Flat Washer                               | 2               |
| SP-380        | 1" O.D. x .350" Thick DOM Spacer                    | 2               |

**Front Installation Instructions**

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

- Place the Skid Plate to the crossmember and the driver side frame rail.
- Remove the two rear transmission mount bolts. Then align the skid plate to the two holes on the transmission mount. See illustration 1.
- If you have a stock crossmember you will place the two 3/8" spacers in the recessed of the crossmember. (**Note:** If you have a flat crossmember the spacers will not need to be used.)
- Mount the skid-plate on the crossmember using the bolts. Do not tighten yet.
- Place the skid-plate up to the driver's side frame rail. Align the plate with the existing mounting holes. See Illustration 2.
- Insert the provided nut strip through the square hole by pushing up and rearward. See Illustration 3. Once the nut strip has been aligned, start bolts.
- Align the skid plate and torque hardware See Illustration 4.  
 Frame Side Hardware: 50 lb.-ft.  
 Crossmember Mounting Hardware: 40 lb.-ft.
- After 300 miles be sure to check all hardware for correct torque specifications.
- Installation Completed!



**Front Installation Instructions (Continued)**

**Illustration #1**



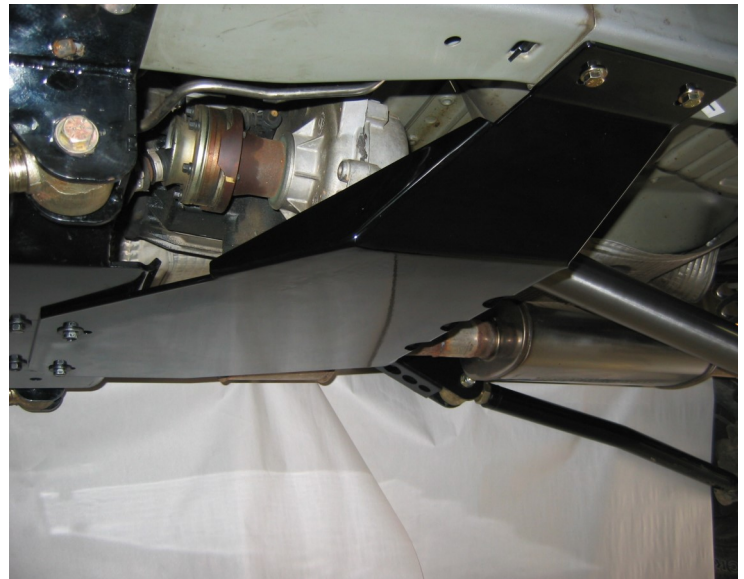
**Illustration #2**



**Illustration #3**



**Illustration #4**



**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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