

ZJ Grand Cherokee Tow Hook Kit RR-TH11-ZJ INSTALLATION INSTRUCTIONS

Last Revised: 10/25/2017

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.

Parts List:

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

Part #	DESCRIPTION:	Quantity
RR-TH11-ZJ-DS	Driver Side Tow Hook Mounting Bracket	1
RR-TH11-ZJ-PS	Passenger Side Tow Hook Mounting Bracket	1
THB1	Tow Hook Package (Contains Qty:2 Tow Hooks with Mounting Hardware)	1
67426049	7/16"-14 x 1-1/2" Length Grade 8 Hex Head Cap Screw	12
05724638	7/16" SAE Flat Washer	12
52593597	7/16"- 14 Grade 8 Hex Lock Nut	12

Installation Instructions

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

1. Park the vehicle on a level and safe working surface before continuing with the installation process. Chock the tires to prevent the vehicle from being able to roll.
2. Disconnect any wiring that maybe routed to any driving or fog lights that will prevent the removal of the vehicles front bumper.
3. Remove the front bumper from the vehicle. Retain all mounting hardware as it will be reused when the bumper is reinstalled. (**Note:** Carefully remove the plastic push in retainers so that they may be reused.)
4. Position the Driver Side Tow Hook Mounting Bracket on the front of the uni-frame so that the four bolt hole pattern on the mounting bracket will be placed on the outside of the frame located directly behind the front frame cross member.
5. Install the supplied (Qty:4) 7/16"-14 x 1-1/2" Length Grade 8 Hex Head Cap Screw, (Qty:4) 7/16" SAE Flat Washer & (Qty:4) 7/16"- 14 Grade 8 Hex Lock Nut by starting the hardware through four mounting points that will attach the bracket to the frame. In order to gain access to install the washers and locknuts you will be able to access them through the oval shaped opening on the front frame cross member. Do Not Tighten Hardware Yet. (**Note:** Place a piece of tape on the closed end of a 5/8" wrench to help with starting the hardware to prevent dropping.)
6. Position the end of the Driver Side Tow Hook Mounting Bracket so that the end with the two bolt hole pattern is placed on top of the front frame/radiator support is aligned with the slotted holes.



Installation Instructions (Continued)

7. Install the supplied (Qty:2) 7/16"-14 x 1-1/2" Length Grade 8 Hex Head Cap Screw, (Qty:2) 7/16" SAE Flat Washer & (Qty:2) 7/16"- 14 Grade 8 Hex Lock Nut by starting the hardware through two slotted mounting points that will attach the bracket to the front frame/radiator support.
8. You may now tighten the installed mounting hardware to 55 ft.-lbs. to secure the Driver Side Tow Hook Mounting Bracket.
9. Repeat steps 4-8 to install the Passenger Side Tow Hook Mounting Bracket.
10. Reinstall the factory front bumper to the vehicle using the original hardware and push pin retainers.
11. Install the supplied tow hooks to the frame brackets using the hardware packaged with the Tow Hook Package. Tighten supplied hardware to 65 ft.-lbs.
12. Reconnect any wiring disconnected in step 2.
13. Installation is now completed! (We highly suggest rechecking all hardware to ensure that everything is tightened properly once the installation is completed and after your first use of the tow hooks.)

Final Notes

Be sure to never use a chain or a tow strap with a chain for self-recovery chains can become deadly! When winching to a tree, be sure to always use a tree protector. Although all of our products are made from the highest quality possible, they are not a substitute for safe and careful driving. In other words 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.

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)