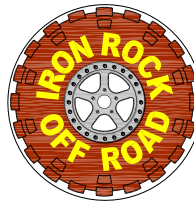


Jeep WJ Grand Cherokee 1999-2004 Transfer Case/Catalytic Converter Skid Plate Installation Instructions



Iron Rock Off Road, Inc.

952-210-7185

Website: www.ironrockoffroad.com

E-mail: Contactus@ironrockoffroad.com

Before you begin:

1. Read and understand all installation instructions.
2. If you have any questions before, during, or after installation contact Iron Rock Off Road (see contact information above).
3. Ensure that all parts are present and in good condition.
 - Skid plate (1)
 - 3 hole nut plate (1)
 - 4 hole nut plate (1)
 - 7/16 x 1 1/4" hex bolts (7)
 - 7/16" flat washers (7)
4. If you have a transfer case drop kit installed you will need the optional skid plate drop kit.
 - 3 hole spacer block (1)
 - 4 hole spacer block (1)
 - 7/16 x 2 1/4"lg hex bolts (7)
5. For this installation you will need:
 - Floor Jack
 - Hand drill
 - Good quality 29/64" drill bit
 - 5/8" socket and ratchet (or wrench)
 - Touch up paint (black and/or the color of your unibody frame)
 - Bailing wire, or any rigid but easily bendable metal wire

Installation:

6. Using a floor jack, position the skid plate up against the unibody. The flat side faces the front of the vehicle with the drain holes and the exhaust clearance notch toward the rear of the vehicle.
7. Center the skid plate on the transfer case and the catalytic converter. Make sure it is straight and centered.
8. Ensure that there is at least 3/8" clearance between the skid plate and any part of the transfer case or catalytic converter.
9. With the t-case tightly held in place by the floor jack, drill the 7 mounting holes (29/64" diameter) using the skid plate as a drill guide.
10. Lower the skid plate.
11. Remove any burred sheet metal, especially inside the uni-frame. If you don't have a deburring tool, a flat blade screwdriver will work.
12. Clean and repaint any exposed metal.
13. Insert the nut plates into the unibody frame rail through the nearest existing large hole.
14. Push the nut plates into position using bailing wire and a bit of patience. Take your time and plan ahead to make this easier.
15. Using the floor jack lift the skid plate into position and install all bolts and washers. Loosely install all bolts before tightening any.
16. Tighten all bolts.
17. Double check for clearance around the transfer case and catalytic converter.