

KOR-7102 WJ Hard-KOR Transfer Case Skid Plate Installation guide

Tools needed:

9/16" socket or ratcheting end wrench

3/16" and 21/64" drill bits, and drill

Floor Jack

Permanent marker

Wheel chocks

Functional parking brake (lol)

Step 1: Park your Jeep on a flat surface, and apply parking brake.

Step 2: Chock the wheels to further assure the vehicle will not move while you are working on it.

Step 3: Assemble the mounting bracket and skid plate, by inserting the five included 3/8" machine bolts, washers, and nuts through the five mounting holes in both plates, with the heads of the bolts on the face of the skid plate (nuts will be above the mounting plate). The mounting plate should be sandwiched on top of the skid plate as shown. DO NOT fully tighten the hardware at this time. This will allow you to position the plate and bracket as necessary.

Step 4: Position a floor jack under the transfer case, towards the driver's side of the frame rail and rearward of the transfer case crossmember.

Step 5: Balance the skid plate assembly on top of the floor jack, and slowly pump the jack until the skid plate is in position, and you can maneuver the front mounting tabs of the skid plate into the slots on the crossmember.

Step 6: Assemble bolts, washers, and nuts through the two holes in the transfer case crossmember and skid plate, but do not tighten fully at this time.

Step 7: Maneuver the skid plate mounting bracket into place so that it is resting fully against the driver's side frame rail, and pump the jack as necessary to hold everything in place.

Step 8: Check for any fitment concerns with respect to drivetrain components and the skid plate. There should be at least a 1/2" or finger width of space between the skid plate and any moving part at all times during operation of the Jeep, especially when the Jeep is on a hoist for service, and the rear axle is at "full droop", so that your driveshaft doesn't get dented.

Step 9: After ensuring that the mounting bracket is snug to the frame rail in all areas, mark the frame rail at each of the 6 mounting plate holes (3 vertical, 3 horizontal), where you will be drilling holes for the self-tapping bolts. Ensure that no existing openings on the frame rail are visible in the holes on the mounting plate. If present, please double check the placement of the mounting bracket and ensure

there is sheet metal everywhere you need to drill. Mark the holes with permanent marker to ensure they are not easily smudged or obscured.

Step 10: Drop the skid plate down and drill holes in the frame rail for the mounting plate at the locations you have previously marked. Start with a 3/16" bit to create pilot holes, then follow up with a 21/64" bit to create the proper sized hole for the 3/8" self-tapping bolts. DO NOT DRILL THESE HOLES WITH A 3/8" BIT. THE 3/8" SELF TAPPING BOLTS WILL NOT BE ABLE TO THREAD.

Step 11: Jack the skid plate assembly back into place and re-insert the hardware into the transfer case crossmember, and line the mounting bracket back up to your drilled holes.

Step 12: Now, thread in each of the six 3/8" self tapping mounting bolts just enough to make sure you are able to get all 6 lined up in place, then begin tightening with a 9/16" socket or ratcheting end wrench. We strongly recommend not using power tools for this step, as it is very easy to overtighten the bolts and strip the thin sheet metal that makes up the unibody frame. The mounting bolts will be plenty strong, and only need to be tightened until they are just tight. There are very few downward forces other than gravity, that you're attempting to keep away.

Step 13: You should now be able to fully tighten the rest of the 3/8" machine bolts and nuts between the skid plate and mounting bracket, and the two further forward at the crossmember. You need only remove these 7 bolts in the future to remove and replace the skid plate as needed. DO NOT REMOVE THE SELF-TAPPING BOLTS HOLDING THE MOUNTING BRACKET TO THE FRAME RAIL.

Should you have any questions, or need further assistance, please do not hesitate to contact us by email at sales@kevinsoffroad.com, or by phone at 602-841-3355

Thank you!! Your new skid plate should provide you years of worry-free protection!

Very grateful for your loyalty and your support,

Kevin and the KOR Staff