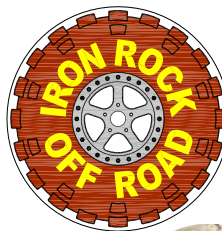


Belly Skid Plate Installation Instructions ZJ Grand Cherokee 1993-1998



Iron Rock Off Road, Inc.

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Shipping Checklist:

Box 1 (24x12x12)

- Instructions
- Invoice
- Iron Rock logo decal (1)
- ZJ Belly Skid
- Unibody bracket (2)

Hardware kit 61 (ZJ belly skid)

- 7/16 x 1-1/4 gr8 hex bolt (8)
- 7/16 x 1-3/4 gr8 hex bolt (4)
- 1/2 x 2 set screw (4)
- 7/16 gr8 hex nut (12)
- 1/2 gr8 hex nut (4)
- 7/16 USS washer (16)
- 7/16 gr8 lockwasher (4)
- WJ front long arm nut plate (2)

Installation Instructions:

Before you begin:

- Read and understand installation instructions.
- Contact Iron Rock Off Road with any questions before, during, or after installation.
- **Ensure that all parts are present and in good condition per attached shipping checklist.**
- This kit requires an Iron Rock Off Road Front long arm subframe. It will not work with a stock transfer case crossmember at this time without some custom work. These parts are in development.
- You will need a 7/16" drill bit, a hand drill, paint, anti-seize compound, and basic hand tools.

Belly Skid Installation:

1. Lift front of vehicle and support with tall jack stands under the unibody frame.
2. Ensure that vehicle is safely supported.
3. Ensure that the bolts at the rear of the long arm subframe face out – with the nuts facing the rear of the vehicle.
4. Ensure that there is adequate thread length to install the belly skid on the outside (rear) of the existing nut. If not replace the bolts with the longer bolts provided. For early design subframes with welded in nuts, use the studs provided.
5. Place the belly skid against the nuts on the back of the subframe, and install washers and nuts hand tight. If your subframe bolts are in the upper set of holes, put your belly skid in the upper set of holes, or lower set of holes to lower set of holes.
6. Support the rear of the belly skid with a floor jack as needed.
7. Locate the two L shaped brackets. These mount the rear of the belly skid to the uniframe.
8. Bolt the L shaped brackets to the belly skid hand tight. Use the 7/16 x 1 1/4 bolts, washers, and nuts.
9. Using the brackets as a guide, drill the two holes per side straight up into the uniframe using a 7/16" drill bit.
10. Remove brackets, deburr holes inside and out, and touch up paint as needed.
11. Insert the nut plates (one per side) into the uniframe and line them up with the new holes. Use lots of patience, a small screwdriver or two, and some bailing wire (mechanic's wire) to help with this process.
12. Bolt the L brackets to the uniframe using 7/16 x 1 1/4 bolts and nuts. Apply anti-seize compound to the bolts. Leave bolts loose until all bolts are in place.
13. Bolt the L brackets to the belly skid. Leave bolts loose.
14. Tighten belly skid to subframe bolts.
15. Tighten L bracket bolts.
16. Verify adequate clearance around exhaust, wiring, cables, and anything else.
17. Enjoy your new found sense of security!

