



JK/JKU FREEDOM SERIES SKID PLATE #0124-32101

BEFORE YOU BEGIN

Thank you for purchasing this Fly Offroad Skid Plate and joining us in *The Pursuit of Freedom!* Please inspect the package contents upon opening. Ensure it is complete according to the parts list below and that none of the contents are damaged. If there are any discrepancies contact Fly Offroad at info@flyoffroad.com and we will correct the error. Read these instructions fully before beginning the installation. If you are not confident in your ability to successfully perform each of the tasks listed please consult a professional before attempting. Contact Fly Offroad before you begin the installation if you have any questions or concerns. This product is RAW metal and should be painted, powder coated, or protected against the elements in some manner or rusting may occur.

APPLICATIONS

These installations instructions apply to the following Fly Offroad products:



0124-32101 Fly Offroad Front Skid Plate for Jeep Wrangler JK & JKU

PARTS LIST

Part	Qty
Fly Offroad Freedom Series Front Skid Plate	1
Rock Light Bracket.....	2
Hardware Kit	
3/8"-16 hex head screw, 1" long	9
3/8" standard washer	9
3/8" fender washer.....	2
3/8"-16 nylon flange lock nut.....	9
1/4"-20 nylon flange lock nut	4

TOOLS NEEDED

- A friend to help lift remove and install bumper
- Reciprocating saw or grinder with cut-off wheel
- 120 grit sanding disc for grinder
- 3/4" ratcheting wrench
- 3/4" open end wrench.
- Slotted screwdriver or 5/16" hex wrench
- Rust-resistant spray paint

Optional

- Push clip tool or pry bar to remove stock plastic skid

IMPORTANT INFORMATION

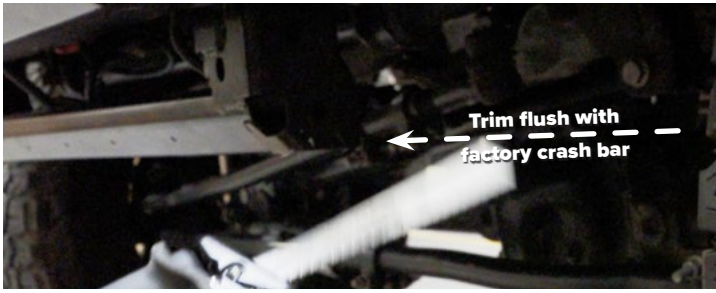
- Fly Offroad Front Skid Plate is designed to be installed onto an undamaged Fly Offroad Freedom Series Front Bumper that is installed on the structurally sound frame of a Jeep Wrangler JK or JKU. Installing on anything other than a Fly Offroad bumper or onto a damaged bumper or frame or any other vehicle will void all warranties and is asking for vehicle damage, grave bodily harm, death, or extreme embarrassment as your front bumper and skid plate fall off out in the middle of nowhere. Please test fit before paint or powder coat to ensure your frame is straight and fully to spec. and that the bumper mates perfectly with the frame rails.
- **Factory Crash Bar:** While all JK models come from the factory with a crash bar you, or a previous owner if you have a used JK, may have removed it for one of several reasons. If your JK no longer has a crash bar steps 1 through 4 and step 12 will not apply. Skip to step 5 and remove the Fly Offroad front bumper.

INSTALLATION PROCEDURE

1. Remove anything that may be blocking access to the factory crash bar like the stock plastic skid plate.



2. Mark on the crash bar where you need to trim it making sure you are not removing any part of the welds. You want to remove the horns on the corner leaving the ends of the crash bar flush.



- Using a reciprocating saw or grinder with a cutoff wheel remove the "horn" on the corners of the factory crash bar.



- Using the grinder with the sanding disc buff out the sharp edges made in removing the corners of the crash bar. Use spray paint of your choice to protect the raw corners against rust.

- You will need to remove the Fly Offroad Freedom Series Front Bumper now.** You installed it so you should know how to remove it but here's a refresher. Original instructions for the front bumper are available here: https://fly4x4.com/instructions/0124-12101_Front_Bumper.pdf

- If installed, unplug the fog lights in the recesses of your Fly Offroad front bumper. If a winch is installed, unplug the power and control cables from the winch.
- Remove the eight nuts and washers holding the bumper to the frame. There are two nuts on the inside and two nuts on the outside of each frame rail, four per frame rail, eight total.
- With the help of a friend carefully remove the stock bumper. If any wires, possibly fog light wires, are stuck replace the bumper on the frame to prevent any damage to the wires. Unhook the stuck wires from wherever they may be stuck and remove the bumper from the frame with the help of a friend.
- If installing rock lights into the two locations on the skid plate, install them on the rock light brackets according to manufacturer's specifications. Then use the supplied 1/4" lock nuts to secure the rock light brackets and lights to the skid plate.
- Using the supplied 3/8"-16 bolts, standard washers, and locking nuts, attach the Fly Offroad Skid Plate to the Fly Offroad Front Bumper. Hand tighten all seven nuts before securing them to factory torque specs with the 3/4" wrenches.



- With the help of a friend, lift the Fly Offroad Bumper and Skid Plate into place. One person should hold the bumper while the other confirms that no wires or cables were pinched or damaged during the mounting process. Then use the locking nuts and washers from the bumper hardware pack to secure the bumper to the original location on the frame to the factory torque specifications. **CAUTION:** The person doing the bolting should ensure that the person holding the bumper is someone that likes them or injury may occur.



- Optional:** If you have a crash bar you will now want to bolt the skid plate to the crash bar with the two remaining 3/8"-16 bolts, standard washers (against the bolt), fender washers (against the nut), and 3/8" locking nuts.
- If installed, reconnect the fog light wires to the harness and confirm they are working properly.
- If installed, connect the winch power wires and control cables to the appropriate locations and confirm it is working properly.
- If you are installing a Fly Offroad front bumper and skid plate together return to step 11 of the bumper instructions now. <https://fly4x4.com/instructions/0124-12101.pdf>
- Congratulations! Your new Fly Offroad Freedom Series Skid Plate is now installed along with your Freedom Series Front Bumper and you are ready for *The Pursuit of Freedom!*

