



## JK/JKU FREEDOM SERIES REAR BUMPER #0124-12201

### BEFORE YOU BEGIN

Thank you for purchasing this Fly Offroad Bumper 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](mailto: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:



0124-12201 Fly Offroad Rear Bumper for Jeep Wrangler JK & JKU

### PARTS LIST

Part	Qty
Fly Offroad Freedom Series Front Bumper.....	1
Front bumper spacer, 1/4", JK and JL.....	2
FO logo plate, driver side.....	1
FO logo plate, passenger side.....	1
Hardware Kit	
1/2"-13 hex head screw, 4-1/4" long.....	2
1/2"-13 lock nut.....	2
1/2" washer.....	4
3/8"-16 clip-on barrel nut.....	2
3/8"-16 flanged hex head screw, 1" long.....	2
Domed head blind rivet, 1/8" dia., 1/4" thick.....	12

### TOOLS NEEDED

- A friend to help lift bumper
- Ratchet with 5/8" socket
- Ratchet with 9/16" socket
- Ratchet with 3/4" socket
- 5/8" wrench
- Rivet gun for 1/8" rivets

### IMPORTANT INFORMATION

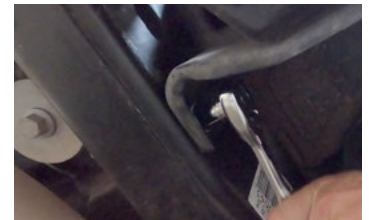
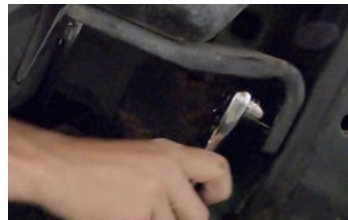
- Fly Offroad Rear Bumper is designed to be installed onto the undamaged, structurally sound frame of a Jeep Wrangler JK or JKU. Installing on a damaged frame or any other vehicle will void all warranties and is asking for vehicle damage, grave bodily harm, death, or extreme embarrassment as your bumper falls 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.  
**Designed to support the loads of the factory tow capacity only! Carries no SAE certification.**

### INSTALLATION PROCEDURE

1. **Optional but very helpful.** Remove your spare tire. This is not required but provides easier access to and removal of the bumper.



2. Using a ratchet and 5/8" socket remove the two bolts on the rear support brackets near the muffler.



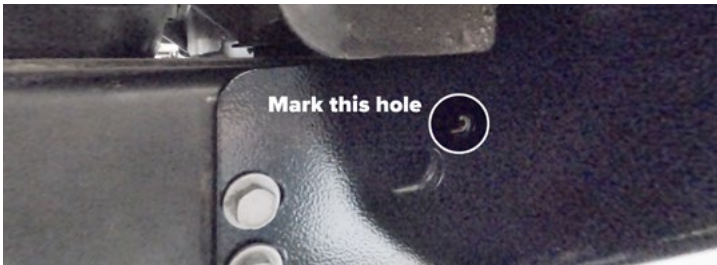
3. Using a ratchet and 5/8" socket remove two of the four factory frame brackets. Unscrew the remaining two but leave them partially screwed to prevent the stock bumper from dropping unexpectedly. You will reuse all four of these bolts so don't let the kids play with them.



4. With the help of a friend remove the two remaining bolts on the frame brackets and remove the stock bumper.



5. If installed, use the ratchet and 5/8" socket to remove the three bolts holding the factory tow hook on. Don't forget to remove the retaining plate from inside the frame.
6. If you are installing aftermarket lights in the Fly Offroad Bumper's recesses now is the time to install them according to their manufacturer's instructions. If installing weapons or diversionary devices like oil or smoke screens into the light receptacles refer to the respective manufacturer's instructions for proper installation.
7. With the help of a buddy install the Fly Offroad Bumper in the same manner you removed the stock bumper. Using the ratchet and 5/8" socket and attach it with the four stock bolts you removed in step 3.



8. It may be necessary to drill a hole in the frame on either side of the Wrangler in order to properly secure the clip-on barrel nut. With the bumper on mark the indicated hole on both sides of the frame with a sharpie or other marking instrument. If the holes line up you are golden.



9. Mark another hole on the frame on the underside of the bumper on the driver side. There is already a hole on the passenger side frame.
10. Unbolt the two of the four bolts from the frame and with the help of your buddy, again remove the remaining two bolts and bumper from the vehicle so you can drill the marked holes.

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11. Using a 1/2" drill bit, drill the holes marked in steps 8 and 9. It may be helpful to use a smaller bit to make a pilot hole before using the larger drill bit.



12. Insert the clip-on barrel nut into the larger hole on the side frame rail and push into place so the "nut" portion is resting securely in the holes you drilled in step 8. Repeat on the opposite side frame rail.
13. Install the bumper again exactly as in step 7. Torque to factory specs.
14. Using the ratchet and 9/16" socket secure the driver and passenger side rails into the clip-on barrel nuts with the supplied 3/8"-16 1" long bolts. Torque to factory specs.
15. Using the ratchet, 5/8" socket, and 5/8" wrench secure the underside of the bumper with the two 3/8"-16 4" long bolts, washers, and lock nuts. The bolt will go through a washer, up through the bumper and both sides of the frame, and into the support bracket on the Fly Offroad bumper. Torque to factory specs.
14. Align the FO logo plates on the correct side of the bumper, they are side-specific, and affix them using the 1/8" rivets and rivet gun. After painting or powder coating you may need to chase all five holes with an 1/8" drill bit to ensure the rivets go in and attach properly. If you have difficulty determining which plate goes on which side we applaud you for making it this far without hurting yourself.
15. Congratulations! Your new Fly Offroad Freedom Series Rear Bumper is installed and ready for *The Pursuit of Freedom!*

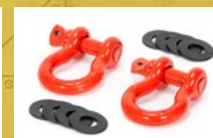
## DON'T FORGET D-RINGS!

You just put a new Fly Offroad Bumper on your rig so finish it off with new D-Rings and Silencing Washers from Fly Offroad! These are your standard 3/4" D-ring shackles that fits any standard D-link tab. Also included are D-Ring Washers to hold your shackle more securely and quietly. Sold pairs, they come in three colors: black, red, and silver.

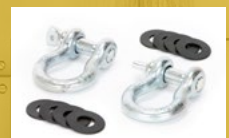
- Standard 3/4" D-ring
- Available in black, red, and silver
- 6-ton load rating
- Sold in pairs
- Includes 8 D-ring washers
- 2-year warranty



#1195-25001B Black



#1195-25001R Red



#1195-25001C Silver