



JL Crawler™ ***Rear Bumpers***

IMPORTANT: Thank you for purchasing this Poison Spyder product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call Poison Spyder as soon as possible. This document last updated September 2025.

APPLICATIONS

1965010P1 JL CRAWLER REAR BUMPER



PARTS LIST

- (1) 1965010P1 JL CRAWLER REAR BUMPER**
- (1) NUT PLATE**
- (2) LOWER SPACERS**
- (1) RIGID PLASTIC LOCKING PLUG**
- (1) HW-1965010 HARDWARE KIT**

- Includes:
- (1) M12xP1.75x105 MM. HEX BOLT
 - (2) M12xP1.75x45 MM. HEX BOLT
 - (2) M12 SPRING WASHER
 - (4) M12 FLAT WASHER
 - (1) M12xP1.75 STEEL LOCK NUT
 - (1) M10xP1.5x40 MM. HEX BOLT
 - (1) M10 SPRING WASHER
 - (4) RUBBER CAPS
 - (2) 2.5" REAR REVERSE LIGHTS

SUGGESTED TOOLS

- ☐ **Mechanic's tool set with a full assortment of SAE and metric end wrenches, sockets, ratchets, hex keys, etc.**
- ☐ **Measuring tape or ruler**
- ☐ **Felt-tip fine point marker, scribe or punch**
- ☐ **1/2" RATCHET WRENCH WITH 21MM, 18MM, 16MM, 3/4", AND 9/16" SOCKETS**
- ☐ **DRILL MOTOR WITH 1/8" AND 3/8" DRILL BITS**
- ☐ **3/4" OPEN END WRENCH**

INSTALLATION PROCEDURE

1. Park the Jeep on a flat, level surface and set the parking brake.
2. Remove the OEM rear bumper and all brackets. Retain all stock hardware, these will be used to install the new Poison Spyder rear bumper.
3. The passenger side of the JL frame horn does not have factory "weld nuts". Install the supplied "nut plate" underneath the passenger side frame rail by passing the supplied M12xP1.75x45 MM. bolts through the frame horn (**IMAGE-01**).
4. Once the nut plate is square and secure, use a felt pen or center punch to locate the center of the 3/8" nut. (**IMAGE-02**).

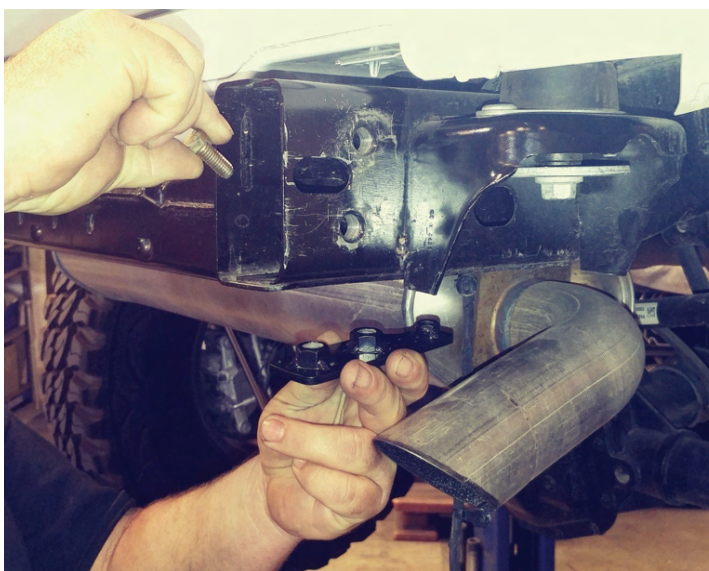


IMAGE -01

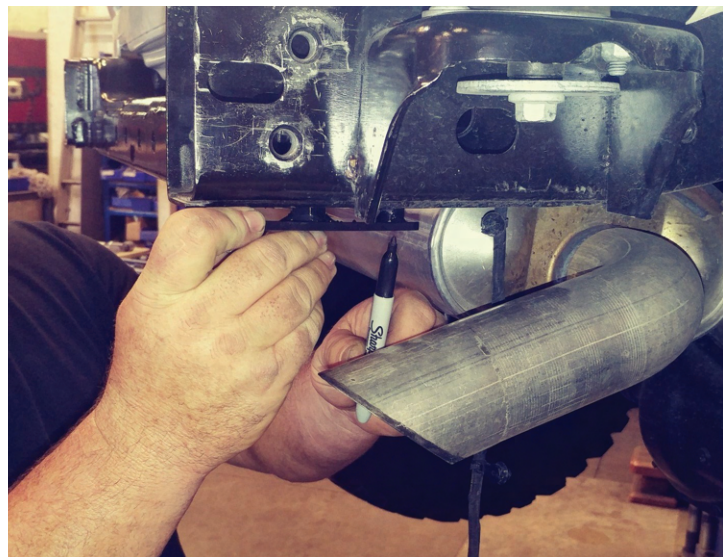


IMAGE -02

5. Remove the nut plate and Drill to 25/64 for M10 (**IMAGE -03**).
- ☐ **NOTE*** The exhaust may be in the way of the drill. Use a ratchet strap to GENTLY pull out of the way if needed.



IMAGE - 03

6. Using the supplied M10 X 40 MM. long bolt and M10 split lock washer, install the nut plate inside the frame horn lining up the two other weld nuts with the corresponding holes in the frame.

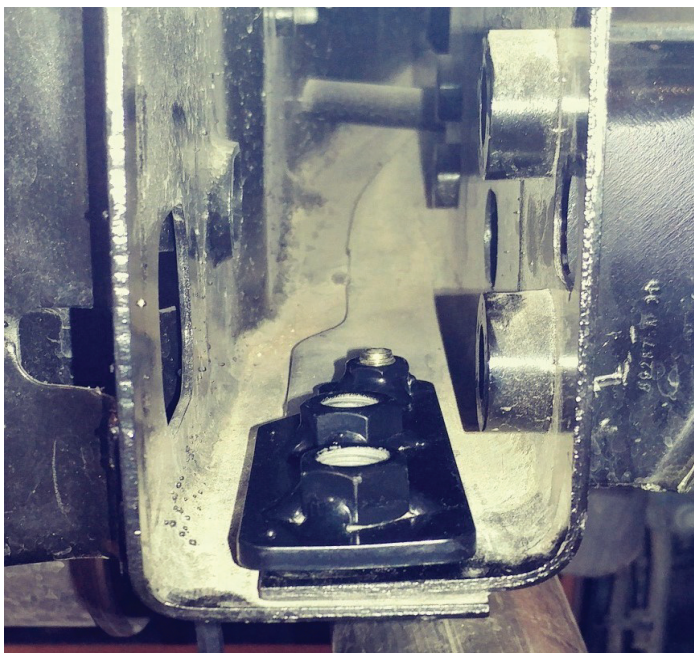


IMAGE -04

7. If you have not already, install the rear facing lights now. You cannot access these after the bumper is installed.

7. Line up the rear bumper with the rear frame horns. Place the supplied "Lower Spacers" in their intended location on the bumper (IMAGE -05) and (IMAGE -06).

□ **NOTE*** These parts are not symmetrical and will only fit one way.



IMAGE -05



IMAGE-06

8. **Carefully install** the rear bumper. Try not to disrupt the spacers. Also be careful not to pinch the rear facing light plugs. Once in place, install the two M12 X 45 MM. bolts and M12 split lock washers through the bumper and passenger side frame horn, and thread into the previously installed nut plate (**IMAGE -07**).

□ **NOTE*** This will most likely require a helper or a “cart” that is the appropriate height.

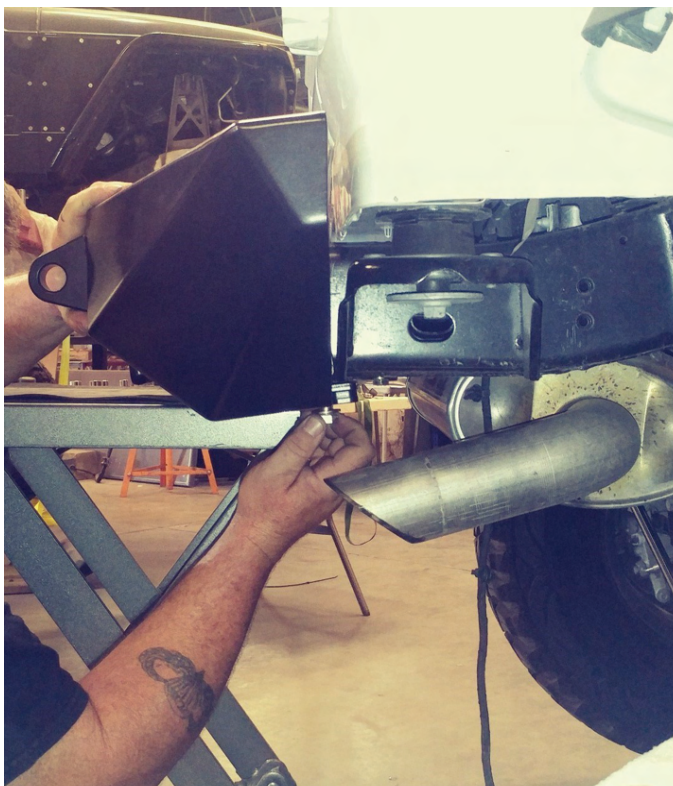


IMAGE -07

9. **Install the OEM** hardware through the driver side bottom of the bumper, through the driver side rear frame horn, and thread into OEM weld nuts. (**IMAGE -08**).

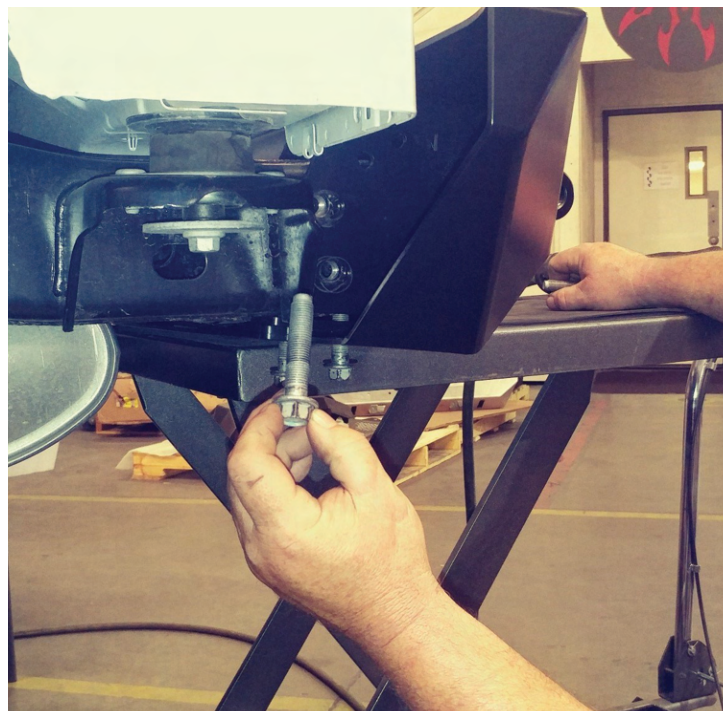


IMAGE -08

10. **Re-install both** driver and passenger side OEM hardware into the original bumper mounting holes (**IMAGE -09**).

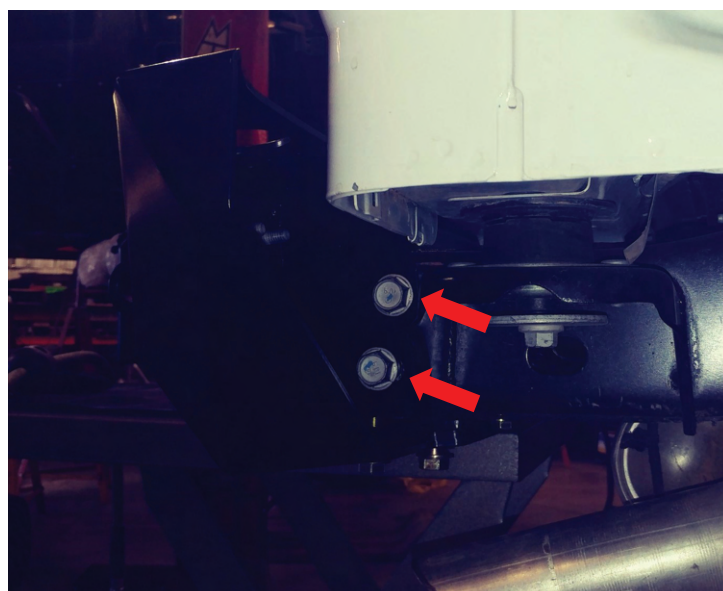


IMAGE -09

11. **Install the provided** M12 X 105 long and 12 MM. flat washer through the passenger side bottom of the bumper, through the stock crossmember, and with your other hand, install the other 12 MM. flat washer and 12 MM. steel lock (**IMAGE -10**).



IMAGE -10

12. **If your jeep** came with a towing package and you wish to install the plug receiver into its intended location, do so now using the OEM hardware. Otherwise, re-install the OEM hardware directly into the bumper (**IMAGE -11**).

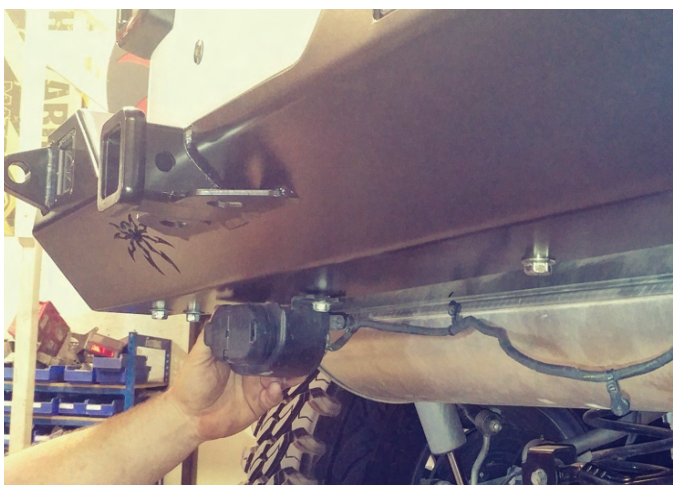


IMAGE -11

13. **Making sure** the bumper is “square” and “level”, tighten all hardware.

- ☐ Reaching the 12 MM. nut above the crossmember will require an open end wrench (**IMAGE -12**).
- ☐ **Torque all hardware**



IMAGE -12

14. **Install the** rigid plastic locking plug, and the rubber hardware protector caps over the exposed tire carrier hardware.

- ☐ **NOTE*** These are a tight fit! Soak them in a cup of hot water to soften them. Apply grease to the threads as necessary.



Congratulations, you have completed installation of your Poison Spyder Rear Bumper!

Poison Spyder Consumer Terms & Conditions

Product Care & Maintenance

Raw Aluminum Finish – Clean using a mild soap-and-water solution, then dry thoroughly with a soft cloth to prevent water spots. To reduce oxidation, apply a high-quality aluminum protectant or clear sealant periodically. Avoid harsh chemicals, acidic cleaners, or abrasive pads that may scratch or discolor the surface. Raw aluminum may naturally develop a patina over time; regular cleaning and protectant application will help preserve its look.

Stainless Steel Finish – Use a non-abrasive aluminum polish to address minor scratches or scuffs. For routine cleaning, use mild soap with water or a non-abrasive glass cleaner. To protect the finish, apply a high-quality carnauba automotive wax regularly. Do not use abrasive cleaners, polishes, or non-carnauba waxes as they may cause damage.

Smooth Powdercoated Finishes – Clean using mild soap and water with a soft cloth or sponge. For added protection, apply a non-abrasive automotive wax formulated for painted finishes. Avoid abrasive cleaners, solvents, or high-pressure washing directly at edges and seams, as this can compromise the coating and lead to chipping or peeling.

Textured Coated Finishes – Clean with mild soap and a damp sponge. Do not use polishes or waxes requiring buffing, as these can damage the textured surface.

Chrome Finish – Clean with mild soap and water, or a non-abrasive glass cleaner. Protect the finish by applying pure carnauba automotive wax regularly. Avoid abrasive products.

Limited Warranty

Poison Spyder offers a **Limited Lifetime Warranty** on the materials and construction of its fabricated products. This warranty guarantees to the original retail purchaser that the product will remain free from structural defects in material and workmanship for as long as they own it, subject to the terms and exclusions below.

Powdercoat “Spydercoat” Finish Coverage

5-Year Warranty – Standard-use products with powdercoated finishes are covered against defects for **five (5) years**.

1-Year Warranty – Products specifically designed for heavy contact with terrain—such as frame-mounted rocker protection and skid plates—carry a **one (1) year** finish warranty.

Finish warranties do not cover scratches, chips, or damage caused during installation, impacts, or normal wear and tear.

Exclusions

This warranty does not cover: Misuse, improper installation, or inadequate maintenance On-road or off-road hazards, accidents, or impacts Unauthorized modifications Normal wear and tear Racing or competition damage Chemical exposure (including road salts, de-icing agents, cleaning chemicals, or corrosive substances) Extreme environmental conditions (including prolonged exposure to moisture, UV radiation, or highly corrosive climates such as coastal or winter road environments)

Terms

The warranty is **non-transferable** and applies only to the original purchaser with valid proof of purchase. Remedy under this warranty is limited, at Poison Spyder’s discretion, to repair or replacement of the defective product, provided it is returned at the customer’s expense. Coverage eligibility is determined solely by Poison Spyder. Product designs, specifications, and finishes are subject to change without notice.

Legal Rights

Some states/jurisdictions do not allow limitations on implied warranties or the exclusion of incidental/consequential damages. This warranty provides specific legal rights, and you may also have additional rights that vary by state or jurisdiction.

Safety Warning

Vehicle modifications, including the use of Poison Spyder products, can affect handling, stability, and performance, potentially increasing the risk of accidents or rollovers.

- Poison Spyder products are decorative and not intended to prevent injury or damage in an accident.
- Review applicable state and local laws before installation. Ensure products do not obstruct lights or interfere with vehicle safety systems, and comply with bumper mounting height rules & regulations.
- Always follow your vehicle owner’s manual and Poison Spyder installation instructions.
- Safe driving remains the sole responsibility of the driver. Always wear seat belts, obey traffic laws, avoid impaired driving, and adjust speed to road conditions.

Proposition 65 Warning (California Only):

This product can expose you to chemicals known to the State of California to cause cancer and reproductive harm.

