

## JK Crawler™/Bruiser™ Rear Bumper

**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

These installation instructions apply to the following Poison Spyder products:



17-67-010P1 JK Bruiser Rear Bumper - Black

### PARTS LIST

- (1) JK Crawler/Bruiser Rear Bumper
- (1) JK Rear Bumper Hardware Kit  
PN: HW-17-65-010 includes:
  - (4) 3/8-16 Extruded U-Nut Clip
  - (4) 3/8-16 X 1-1/4 Gr8 Hex Head Cap Screw
  - (4) 3/8" SAE Hardened Flat Washer
  - (4) Flat Washer M12 OD 27 ID 12.5 T = 2.5 MM.
  - (2) M12 X 1.75 MM. #19
  - (2) M12 X 1.75 X 105 MM.
  - (1) 2-1/2" Black Plastic Push-In Cap

### TOOLS NEEDED

- Mechanic's tool set with a full assortment of SAE and metric end wrenches, sockets, ratchets, etc.
- Drill Motor with 1/4" & 1/2" drill bits

### INSTALLATION PROCEDURE

**NOTE:** If you are installing the Poison Spyder Frame-Mounted Tire Carrier in conjunction with this bumper, begin with the installation instructions for the Tire

Carrier, before starting the installation procedure for this bumper.

1. **Park the Jeep on a flat, level surface** and set the parking brake. Wear eye protection from this point forward.
2. **Remove the existing rear bumper.** Keep the OE hardware that attached the bumper to the frame rails, as some of it will be re-used. Disconnect the rear sway bar where it bolts to the outside of the frame rails (most aftermarket sway bars—may not be necessary with stock sway bar).



3. **Remove the two small sheet metal brackets** that bolt to the forward surface of the rear crossmember.



4. **BRUISER ONLY: Pre-install a pair of LED cube lights** (sold separately) into the light mounts of the Bruiser bumper. Use the mounting brackets that were supplied with the lights, to mount them to the light pedestals welded into the interior of the Bruiser bumper. Adjust the position of the light so that it is flush with the exterior surface of the bumper.



**5. With the help of a friend**, pre-install the bumper on to the Jeep. The bolt flanges of the bumper will mount between the outside of the frame rail and the sway bar bracket (for those Jeeps equipped with rear sway bars). Note that there are four bolt holes in the bolt flange on each side of the bumper. Two of these bolt holes will align with the stock bolt holes in the frame rail, where the sway bar bracket attaches.



*IF YOU ARE INSTALLING THE BUMPER BY ITSELF:* The next few photos show the use of a Spacer Plate that only comes with the Frame Mounted Tire Carrier. However, when installing this bumper without the tire carrier, these same steps are followed, but with the bumper itself in place. The Spacer Plate shown in the photos is a stand-in for the bumper's mounting flange for these instructions. The procedure is shown using the Spacer Plate rather than the full bumper, to provide a better view of the work area (imagine the bumper is present).

*IF YOU ARE INSTALLING THE FRAME MOUNTED TIRE CARRIER WITH THIS BUMPER:* You should have already performed the next few steps as part of the tire carrier installation process, on the passenger side. However you will need to duplicate the steps for the driver side.

**6. Use the OE bumper hardware** to secure the bumper in place using these two bolt locations on either side. Leave

these bolts only finger-tightened until after the adjustments in the following step.



**7. Adjust the position of the bumper** so that the oval-shaped opening in the bumper mounting flange aligns with the corresponding oval-shaped hole in the frame rail. Make sure the rearward edges of the oval holes are aligned, on both sides of the bumper.

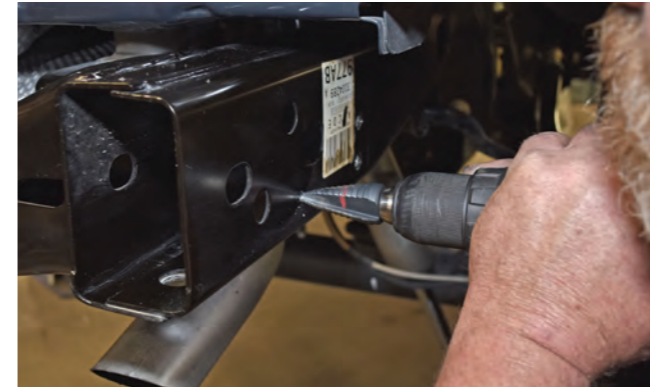


**8. The two 3/8" holes** in bumper mounting flange, rearward from the oval-shaped hole, will be used to bolt the bumper to the Jeep. On most JK's, one of these will correspond with an existing hole in the Jeep's frame rail. The other will need to be drilled. Use a center punch to mark the center of the hole, then drill a 1/4" pilot hole. Do this for both sides.



**9. Remove the bumper from the Jeep.**

**10. Use a step drill or 1/2" drill bit** to drill the pilot holes out to 1/2"



**11. Apply touch-up paint to the bare metal** around the edges of the holes that were drilled in the previous steps. Properly coating these areas at this time will help to prevent rust in the future.

**12. Insert a 3/8-16 Clip Nut** through the oval-shaped hole in the frame rail, and clip it into the new hole just drilled. Make sure the extruded thread barrel of the clip nut points inward. Do this on both frame rails.



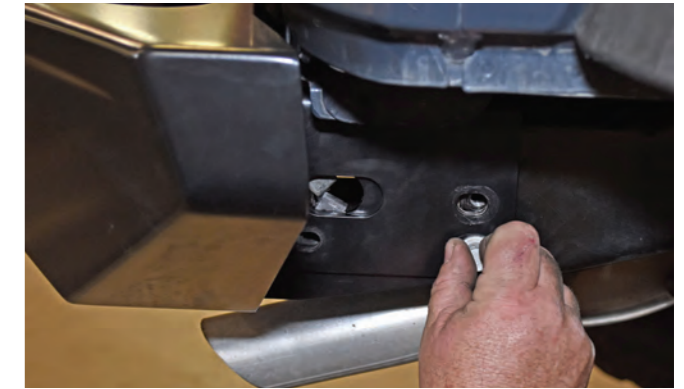
**13. Insert a second 3/8-16 Clip Nut** through the oval-shaped hole in the frame rail, and clip it into the other hole that is adjacent to the oval hole, above the previously installed Clip Nut. Make sure the extruded thread barrel of the clip nut points inward. Do this on both frame rails.



*NOTE: If you are installing the Poison Spyder Frame Mounted Tire Carrier in conjunction with this bumper, at this point the tire carrier's Frame Mount will have been installed into the bumper, so it appears in some*

of the following photos (see instructions that came with tire carrier).

**14. Re-install the bumper on to the Jeep**, using the OE fasteners into the stock bumper mount holes. Do not tighten these fasteners yet.



**15. Use a tapered spud bar or pry bar** to align the previously-installed Clip Nuts with the corresponding holes in the bumper mounting flange.



**16. Insert the provided 3/8-16 X 1 Br8 Hex Head Cap Screws** through the bumper mounting flange, into the two Clip Nuts. Do this for both sides of the Bumper.

**17. Before tightening the bumper mounting bolts**, use a soft dead blow hammer or rubber mallet to tap the bumper rearward. The mounting holes are slotted, but you want to ensure the bumper is as rearward as it can be, at both ends of the bumper. Then tighten the bumper mounting bolts (2 OE bumper bolts and 2 provided Gr8 bolts per side).



**18. CRAWLER ONLY: If the optional 2-1/2" LED backup lamps were purchased, use the provided rubber grommets to mount them into the recessed mounting flanges inside the backup lamp buckets. Use the electrical pigtailed wires that came with the lamps, along with wire and connectors (not included) to wire the backup lamps in to your Jeep's backup lamp circuit.**

*NOTE: If you are installing the Poison Spyder Frame Mounted Tire Carrier in conjunction with this bumper, return to the Tire Carrier instructions to complete the installation.*

**19. If you are installing this bumper WITHOUT the Frame Mounted Tire Carrier, insert the supplied black plastic cap into the tire carrier pivot hole. Use a mallet or an easy tap with a soft dead-blow hammer to tap it into place.**



**20. Finish your installation by making your wiring connections for the previously installed lights. Instructions for making these connections are beyond the purview of these bumper installation instructions. Consult the manufacturer of your lights or the instructions that came with them.**

*Congratulations, you have completed installation of your JK Crawler™ or Bruiser™ 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.