

## TJ BFH II REAR BUMPER INSTALLATION



The Poison Spyder Customs BFH™ II Rear Bumper is easy to install with the right tools and good mechanical abilities. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Please read through these entire instructions before proceeding with installation.

### PARTS LIST

- (1) BFH™ II Rear Bumper
- (2) Bolt Plate (pre-installed)
- (4) 3/8-16 Keeper Washer (pre-installed)
- (4) 3/8-16 X 2 Gr8 Hex Head Cap Screw (pre-installed)
- (4) 3/8-16 Nylon Insert Lock Nut
- (4) 3/8 Flat Washer

### TOOLS NEEDED

- Primer, paint, cleaners and masking materials (if painting)
- T27 Torx driver
- 18mm & 9/16" sockets & ratchet
- Torque wrench
- Soft dead blow hammer or rubber mallet

### BEFORE YOU BEGIN

**IMPORTANT:** The Poison Spyder Customs BFH™ Rear Bumper comes as unpainted, bare steel. You will want to either powder coat or paint the bumper prior to final installation, however it is recommended to completely install and remove the bumper prior to painting or powder coating it. This will allow you to check for fitment or do any clearancing or fitting ahead of time, to reduce the chance of damage to the finish during final installation. Poison Spyder Customs Inc. is not responsible for costs for or damage to paint or

powder coat finish under any circumstances, including paint or powder coat of incorrectly shipped or defective parts.

### INSTALLATION PROCEDURE

1. **Park the Jeep on a flat, level surface** and set the parking brake.
2. **Remove existing rear bumper.** If it is the stock bumper (TJ only), use a T27 Torx driver to remove the plastic bumper extensions, then use an 18mm socket and ratchet remove the M10 bolts from the frame rail side brackets and along the bottom of the bumper. Keep the OE M10 hardware as it will be re-used.
3. **Install the BFH™ bumper.** The bolts in the captured bolt plates will align with the mounting holes in the Jeep's frame/bumper brackets. The Bolt plates are captured in horizontal slots to allow for some adjustment and manufacturing variances in the Jeep's frame. Install the provided 3/8-16 nylon insert lock nuts and 3/8 flat washers on to the threaded studs of the Bolt Plates, where they protrude through the Jeep's mounting bracket. Do not fully tighten them at this time.

*NOTE: If the shackle tab recovery points are to be used at any time, it is highly recommended to install the TJ Rear Bumper Brace Kit, available separately from Poison Spyder (p/n 14-61-710), at this time. Instructions for its installation are included with that kit.*

4. **(TJ only) Use two (2)** of the 10mm OE mounting bolts (18mm wrench size) to bolt through the slots located along the underside of the bumper into the OE welded-in-place nuts inside the rear crossmember. Do not fully tighten them at this time.
5. **With all hardware installed, check** that the bumper is level and correctly aligned with the Jeep, as the slots in the Bolt Plates will allow for a small amount of adjustment. It may be easiest to slightly tighten each of the bolts then use a soft dead blow hammer or rubber

mallet to lightly tap the bumper to make fine adjustments. Tighten all mounting bolts.

6. **Remove the bumper for painting or powder coat.**
7. **If painting yourself, careful preparation** will make a big difference in the quality and longevity of your paint job, even using “rattle can” aerosol paints. Begin by thoroughly cleaning the bumper with solvent or de-greaser, then make sure all residue is removed. Even if you use cheap paint, try to use a good quality primer. “Etching” primers are best to use on bare, unpainted metal. Allow it to properly dry before painting, and between paint coats.
8. **Re-install the finished bumper by** repeating the installation procedures, taking care not to damage the paint or powder coat finish during installation.
9. **Torque the 3/8-16 Gr8 Hex Head Cap Screws** to 45 ft.-lbs. Torque the M10 OE fasteners to 40.5 ft.-lbs.

*Congratulations, you have completed installation of your BFH™ II Rear Bumper!*

**INSTALLATION INSTRUCTIONS**

**WARRANTY**

Poison Spyder Customs™ warranties all of the products we sell and distribute for one (1) year from the date of sale. These products will be free from defects in material and workmanship under normal installation, and use. Due to the intended use the powder coat finish is warranted for ninety (90) days. The finish warranty will not cover a product if it has been damaged in any way. Warranty is limited to repair or replacement. Poison Spyder Customs™ does not offer any type of labor or shipping allowance and all warranty claims are subject to inspection by Poison Spyder Customs™.

At the discretion of Poison Spyder Customs™, the products in question can be repaired or replaced when found defective. Prior to any replacement or repair, written authorization must be obtained from Poison Spyder Customs™. Failure to contact us prior to having warranty work performed will immediately void all applicable warranties; and it is then the sole responsibility of the customer to remit any payment incurred.

The warranty expressed above is the sole warranty of Poison Spyder Customs™, and any other expressed or implied warranties are hereby specifically excluded and disclaimed.

**HOLD HARMLESS AGREEMENT**

In purchasing a Poison Spyder Customs Product™ I release, waive, discharge and covenant not to sue Poison Spyder Customs officers, servants, agents, or employees (hereinafter referred to as Releasees) from any and all liability, claims, demands, actions and causes of action whatsoever arising out of or related to any loss, damage, or injury, including death, that may be sustained by me (or anyone else), any property belonging to me (or anyone else), whether caused by the negligence of the releasees or otherwise, while working on, using or any activity related to this product.

I am fully aware of risks and hazards connected with the use of a this product and I elect to voluntarily engage in such use of this product knowing that the use may be hazardous to me and my property. I voluntarily assume full responsibility for any risks of loss, property damage or personal injury, including death, that may be sustained by me (or anyone else), or

any loss or damage to property owned by me (or anyone else), as a result of using this product, whether caused by the negligence of releasees or otherwise.

I further agree to indemnify and hold harmless the releasees from any loss, liability, damage or costs, including court cost and attorney fees, that they may incur due to my use of a this product, whether caused by negligence of releasees or otherwise.

It is my express intent that this Release and Hold Harmless Agreement shall bind the members of my family and spouse, if I am alive, and my heirs assigns and personal representative, if I am deceased, and shall be deemed as a release, waiver, discharge, and covenant not to sue the above named releasees. I further agree that this Waiver of Liability and Hold Harmless Agreement shall be construed in accordance with the laws of the State of California.

By accepting this product, I acknowledge and represent that I have read the above Waiver and Liability and Hold Harmless Agreement, understand it and accept it voluntarily as my own free act and deed; no oral presentations, statements, or inducements, apart from the foregoing written agreement, have been made; I am at least eighteen (18) years of age and fully competent; and I execute this Release for full, adequate and complete consideration fully intending to be bound by same.

If you do not agree with the preceding Hold Harmless Agreement, you may return the product and receive a full refund. Please, contact a Poison Spyder Customs™ sales representative and they will issue a call tag for the product in question. Once the product has been received by Poison Spyder Customs™ a full refund will be issued.

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