

JK BFH REAR BUMPER INSTALL



The Poison Spyder Customs BFH 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) JK BFH Rear Bumper
- (2) 3/8-16 X 1 Gr8 hex head cap screw
- (2) 3/8-16 clip nut
- (2) 3/8 flat washer

TOOLS NEEDED

- Wrenches
- Reciprocating saw with bi-metal blade OR pneumatic cut-off wheel OR plasma cutter OR similar tool for cutting metal
- Angle grinder
- Fine-tip felt marker
- 1/4" & 1/2" drill bits and drill motor
- Primer and paint

BEFORE YOU BEGIN

The Poison Spyder Customs BFH bumper comes as unpainted, bare steel. You will want to either powder coat or paint the bumper prior to install. 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.

INSTALLATION PROCEDURE

1. **Park the Jeep on** a flat, level surface and set the parking brake.
2. **Remove existing rear bumper.** Keep the OE hardware that attached the bumper to the frame rails, as some of it will be re-used.
3. **Use the provided Cut Templates** to transfer the drill and cut marks to the frame rails. Carefully cut the template out along the heavy line and place it against the frame rail. Ensure that the circles marked "EXISTING HOLE" on the template are aligned with the corresponding holes in the frame rail. Use a fine-tip felt marker to mark the cut line on the side of the frame rail, as shown on the template. Use a center punch to mark the location of the center of the 1/2" hole you will need to drill, as shown on the template.

NOTE: If you have downloaded these instructions and are printing them out yourself, verify that the overall dimensions of the cut template on your print-out match the length and width measurements shown on the template (9.0" X 4.5"). If the size is off, adjust your print settings and re-print until the actual measurements match those numbers.

4. **Use a torch, plasma cutter, pneumatic or electric cutoff wheel, reciprocating saw, or the cutting device of your choice** to cut the frame rails along the cut marks that were made with the template. Note that you will be cutting away a significant portion of the frame rails and the crossmember.

5. **Drill the two new** hole locations (one on each frame rail) that were marked with the cut templates. Use the 1/4" bit to drill the pilot holes, then finish with the 1/2" bit.
6. **Apply primer and paint** to the bare metal in the areas where you cut, grinded and drilled. Properly coating these areas at this time will help to prevent rust in the future.
7. **Install the supplied clip** nuts into each frame rail. Slip the clip nut through the existing oval-shaped hole in the frame rail and lodge the threaded portion of the clip nut into the 1/2" hole that was drilled. Make sure the extruded side of the clip nut is oriented toward the inside of the frame rail and the flush side of the clip nut is along the exterior surface of the frame rail.
8. **Place the BFH Bumper** on to the frame rails. Use the supplied hardware to attach the bumper at each location where a clip nut was installed in step 8. Use previously-removed OE hardware for the other two bolt locations on either side (through the holes marked "EXISTING HOLE" on the cut templates). Make sure the bumper is properly aligned as you tighten these bolts.

Congratulations, you have installed your Poison Spyder Customs BFH front bumper!

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

1. 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.
2. 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,

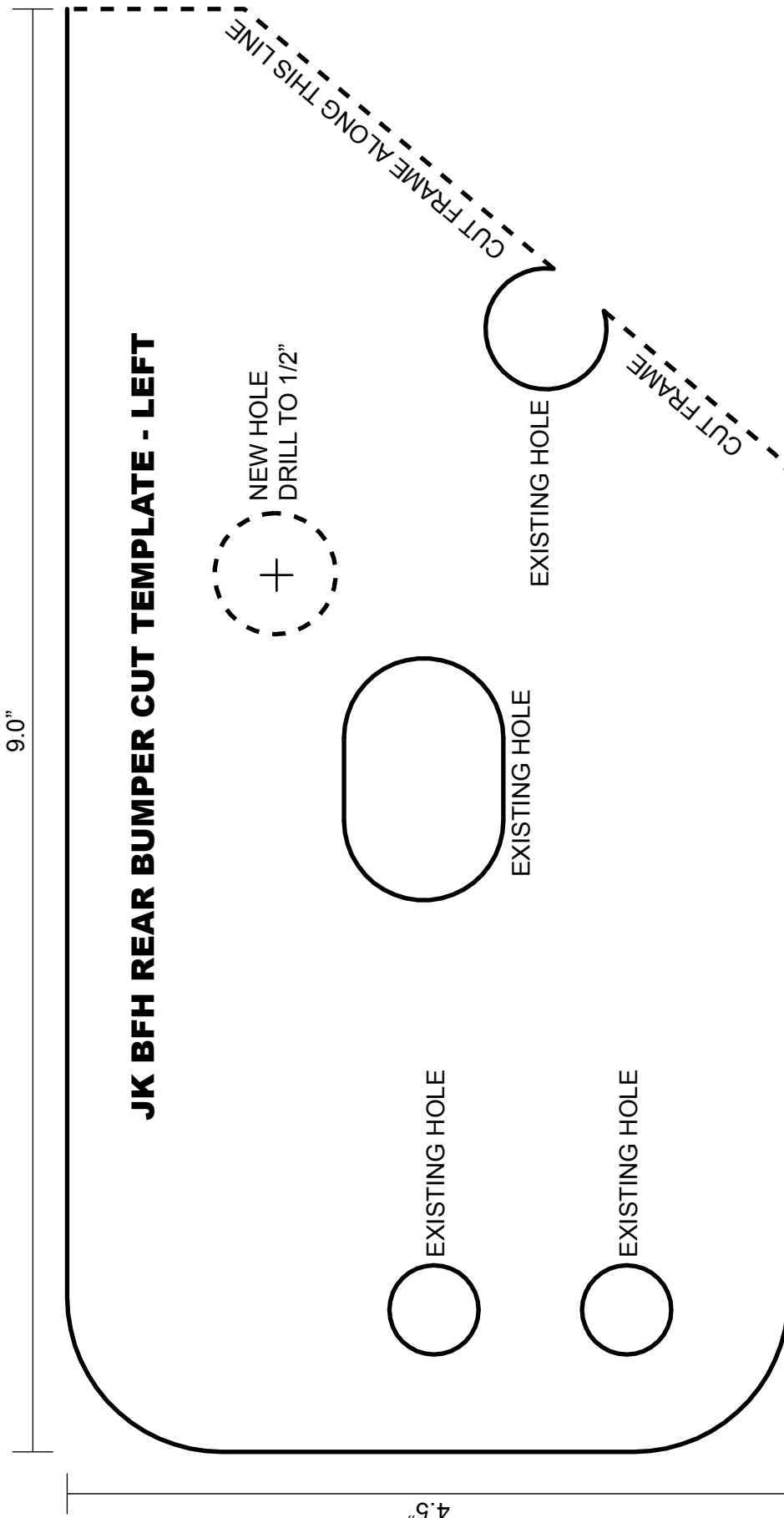
that may be sustained by me (or anyone else), or any loss or damage to property owned by me (or anyone else), as a result of using this product, whether caused by the negligence of releasees or otherwise.

3. 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.
4. 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.

INSTALLATION INSTRUCTIONS



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