

## JK EXTREME DUTY TRANS-MOUNT CROSSMEMBER INSTALLATION NOTES



Thank you for purchasing a Poison Spyder Extreme Duty Trans-Mount Crossmember for your Jeep JK. Installation is fairly simple 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) Extreme Duty Crossmember
- (5) 3/8-16 X 1 Gr8 Hex Head Cap Screw
- (5) 3/8 USS Flat Washer

### **TOOLS NEEDED**

- Floor jack or transmission jack
- Mechanic's tool set

### **BEFORE YOU BEGIN**

If the Poison Spyder Extreme Duty Crossmember was shipped to you in bare steel, it will need to be painted or powder coated prior to final installation. However, it is important to do an initial installation of the item **BEFORE** you paint or powder coat it. This will allow you to check for fitment and perform any minor adjustments to either the crossmember, the mounting brackets or any aftermarket skid plates you are attaching to it, without damaging your paint or powder coat finish. Poison Spyder Customs, Inc., is not responsible for any costs associated with paint or powder coat, or damage caused to your

paint or powder coat during installation, or costs of painting or powder coating a defective or incorrect part. It is your responsibility to ensure fitment prior to incurring the expense of paint or powder coat.

If painting the item yourself, Poison Spyder recommends thoroughly cleaning the item with degreaser, followed by solvent to remove any residue. Apply a coat of quality etching primer to the bare steel, followed by the paint color of your choice. If done properly, a suitable job can be done with readily available "rattle can" primers and paints.

### **INSTALLATION PROCEDURE**

1. **Park vehicle on a level** surface and set the parking brake. You will want to wear eye protection beyond this point in time.
2. **Remove any existing skid plates** that attach to the stock crossmember, either stock or aftermarket.
3. **Position the floor jack underneath** the transfer case and lift until the jack is just touching the underside of the transfer case. **DO NOT** lift the Jeep up by the transfer case!
4. **Remove the bolts that attach** the stock crossmember to the transmission. These are accessible through the access holes in the bottom of the crossmember. Save these bolts as they will be re-used.
5. **Remove the bolts that attach** the crossmember to the frame brackets at either end of the crossmember. Save these bolts as they will be re-used.
6. **Remove the stock crossmember.** **Judicious** application of a soft dead-blow hammer may be necessary to coax the crossmember out of the brackets.
7. **Install the Poison Spyder Extreme Duty Crossmember** in the same position the stock unit was removed from. Orient it so that the welded-in nuts (that the skid plates attach to) are positioned similar to the ones

in the stock crossmember. Re-install the stock crossmember bolts that fasten the crossmember to the frame brackets.

8. **Re-install the stock bolts** that hold the transmission to the crossmember. You may need to raise or lower the jack (and transfer case) slightly to achieve proper fit/ and alignment.
9. **Lower and remove the floor jack.**
10. **Re-install the stock or aftermarket** skid plates that attached to the crossmember. Note that Poison Spyder has provided new Grade 8 fasteners for this purpose, as the welded-in nuts in the new crossmember are SAE thread, not metric like the stock fasteners.

*Congratulations, you have completed installation of your JK Extreme Duty Crossmember*

**INSTALLATION INSTRUCTIONS**

**WARRANTY**

11. *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**

12. 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.
13. 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.

14. 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.
15. 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**