

# POISON SPYDER

C U S T O M S

## '07-'11 JK BFH DISCO SKID INSTALL



The Poison Spyder Customs JK BFH Disco Skid is easy to install with the right tools and good mechanical abilities. These instructions also include the procedure for rotating your electric swaybar disconnect motor higher. 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.

**IMPORTANT:** The BFH Disco Skid was designed to work with the '07-'11 JK Rubicon sway bar disconnect mechanism. It is NOT designed to work with the 2012 and newer units. Customers may use this product on their 2012 and newer JK Rubicon at their own discretion, but Poison Spyder makes no warranty as to fitment or guarantee against damage to other components of the Jeep due to the use of this product on 2012 and newer JK Rubicons.

### **PARTS LIST**

- (1) JK BFH Disco Skid
- (2) 3/8-16 X 1 Gr8 hex head cap screw
- (4) 3/8 flat washer
- (2) 3/8-16 nylon insert lock nut
- (1) M10-1.5 X 110mm hex head cap screw
- (1) M10-1.5 jam nut
- (1) M10 split lock washer

### **TOOLS NEEDED**

- 3/4 socket
- Ratchet
- 3/4 wrench
- 17mm wrench
- Torque wrench

- 3/8" drill bit and drill motor
- 17mm wrench
- Primer and paint

**NOTE:** The following instructions assume that a Poison Spyder BFH Bumper has already been installed onto the Jeep.

### **BEFORE YOU BEGIN**

The Poison Spyder Customs JK BFH Disco Skid comes as unpainted, bare steel. You will want to either powder coat or paint the skid 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 skid 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. **Begin with the procedure** to rotate the swaybar disconnect motor up out of the way. Remove the bolt that passes through the rubber motor indexer. Make sure there is enough slack in the electrical harness to rotate the motor (you may need to cut one of the retainer clips).
3. **Rotate the motor upward** (the motor assembly will spin on the sway bar). There are several bolts which hold the two halves of the motor housing together. Determine which one most closely aligns with the bolt hole in the rubber indexer, with the motor rotated as high as possible. Remove this bolt from the motor housing.
4. **Insert the supplied M10-1.5 X 110mm bolt** through the rubber indexer. Thread the supplied M10 jam nut onto the bolt, followed by the M10 lockwasher. Then thread the

bolt into the motor housing where the bolt was removed in step 3. Tighten the jam nut against the motor housing.

5. **Ensure that the electrical harness** is properly routed and secured. The sway bar disconnect motor rotation procedure is now complete.
2. **Remove the four 1/2"** bolts that attach the BFH bumper to the Jeep's frame. Do not remove the bumper.
3. **Place the Disco Skid** below the bumper and reinstall the 1/2" bolts, washers and lock nuts. They will align with the two holes on either end of the Disco Skid. Note that the rearward two holes may be slightly misaligned due to inaccurate drilling when the BFH bumper was initially installed. In this case use a small die grinder or rotary burr bit to widen the hole in the frame to match the one on the Skid. Note that the forward bolts will sandwich the bumper between the skid and the frame, while the rearward bolts will clamp the skid directly to the bottom of the frame rail.
11. **If retrofitting to an earlier production version** of the JK BFH bumper, you will need to drill the two forward, center holes through the skid into the BFH bumper. Use the 3/8" drill bit and drill motor to drill these holes, using the holes in the skid itself as your drill guide. Install a 3/8-16 X 1 hex head cap screw, with flat washers and lock nut, into each of these holes. Orient them with the bolt heads down, and the nuts up inside the bumper.
12. **Tighten all bolts.**

*Congratulations, you have installed your Poison Spyder Customs JK BFH Disco Skid!*

**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 preformed 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**