



JK BFH™ Disco Skid

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 at (951) 849-5911 as soon as possible. This document last updated May 2015.

APPLICATIONS

These installation instructions apply to the following Poison Spyder products:



17-16-030 JK BFH™ Disco Skid

PARTS LIST

- (1) JK BFH™ Disco Skid
- (1) JK BFH™ Disco Skid Hardware Kit
 - PN: 17-16-030 includes:
 - (2) 3/8-16 X 1 Gr8 Hex Head Cap Screw
 - (4) 3/8 SAE Hardened 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

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.

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 degreaser, 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.
6. **Remove the four 1/2" bolts** that attach the BFH bumper to the Jeep's frame. Do not remove the bumper.
7. **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.
8. **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.
9. **Tighten all bolts.**

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