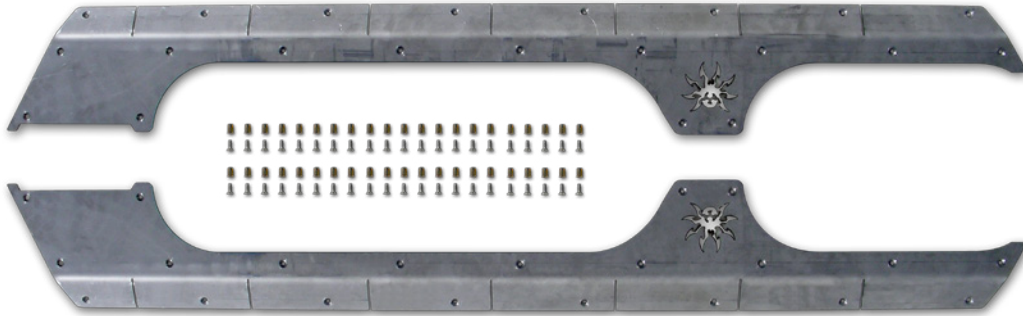


# POISON SPYDER CUSTOMS

## JK BODY ARMOR INSTALLATION



Thank you for purchasing Poison Spyder Body Armor for your Jeep JK. Although it is a lengthy procedure, 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) Driver side Body Armor panel
- (1) Passenger side Body Armor Panel
- (1) Nut Insert installation tool

The following items are provided only for **Rocker Knockers with Sliders**, and vary by model:

2-DR 4-DR

- (34) (42) 1/4-20 nut-sert
- (34) (42) 1/4-20X3/4 SS flat head cap screw

### **TOOLS NEEDED**

- Bar clamps (2 or more)
- 1/2" drill motor
- 1/4" drill bit
- 25/64" drill bit
- Hammer
- 1/4" center punch
- 7/16" box end wrench
- 9/16" box end wrench
- 5/32" hex key
- 1/4" drive ratchet
- 10mm 1/4" drive socket
- 13mm 1/4" drive socket

- Anti-seize compound
- Fine tip felt marker
- Masking tape
- Touch- up paint
- A friend to hold parts in place

### **BEFORE YOU BEGIN**

- It is imperative that you read and follow instructions to ensure that you will have a successful installation.
- Failure to do so may result in an unsatisfactory installation.
- It is the purchaser/installer's responsibility to inspect the package for any missing pieces prior to beginning installation.
- Carefully read the product warranty and hold harmless agreement at the end of this document
- Read through instructions thoroughly before beginning installation.

### **INSTALL PREPARATION:**

1. **Park vehicle on a level surface** and set the emergency brake. You will want to wear eye protection beyond this point in time.
2. **If your Wrangler is a Rubicon edition** or it is equipped with rocker protection or steps, they will now need to be removed. Factory installed rocker protection is held on by:
  - a. 2-Door: four (4) nuts in the pinch weld flange (Figure 1) and two (2) bolts that go into the bottom of the tub (Figure 2).

- b. 4-Door: six (6) nuts in the pinch weld flange (Figure 1) and three (3) bolts that go into the bottom of the tub (Figure 2).



FIGURE 1

Using the 1/4" drive ratchet, 10mm socket and the 13mm socket remove the hardware that fastens the rocker protection to the Jeep.



FIGURE 2

Do not discard the hardware—you will need it to reinstall the rockers. Remove the factory rocker protection from the Jeep by gently pulling it away from the tub.



FIGURE 3

- 3. **Apply masking tape** onto the front and rear fender flares. You will want to make sure you apply the tape from the bottom of the flare up

at least ten (10) inches. This step will help eliminate scratches during installation.

- 4. **Apply several pieces of tape** (about three inch sections) to the back of the Body Armor. This step will help eliminate scratches during installation.

### INSTALLATION PROCEDURE

- 1. **Start with the drivers side.** Open the door(s) and hold the Body Armor panel up and position it on the tub. Make sure the gap around the door is equal front to back and the body armor is level to the bottom of the door. See figure 4. Use the bar clamps to clamp the Body Armor panel into place (with the door open you can clamp through the door opening).



FIGURE 4

- 2. **Use the 1/4" bit** and drill motor to drill the first two mounting holes using the Body Armor as your drill guide. Use the forward and rearward most holes. Make sure you do not drill through the inner panel.
- 3. **Remove the Body Armor** from the Jeep and set aside.
- 4. **Use the 25/64th drill bit** and open up the two holes you just drilled. Take your time drilling these holes, the larger drill bit may catch and distort the hole. Make sure you do not drill through the inner panel.
- 5. **Apply some touch up paint** to the areas where bare metal is exposed; this will aid in the prevention of corrosion.
- 6. **Using the nut insert tool** and the separate instructions provided, install nut-serts into the holes you just drilled. Do not over tighten the nut inserts; this will cause them to distort and not fasten to the body correctly.



FIGURE 5

7. **Install the Body Armor** using two 1/4" flat head bolts. Make sure you place a small amount of anti-seize on each bolt. Do not over tighten the bolts; for this step you will only need to snug them up.
8. **Double check the fitment** to make sure you are happy with it.
9. **Using the 1/4" drill bit**, drill the rest of the mounting holes using the Body Armor as your drill guide. Make sure you do not drill through the inner panel.



FIGURE 6

10. **Remove the Body Armor** and set aside.
11. **Use the 25/64th drill bit** and open up the holes you just drilled. Take your time drilling these holes; the larger drill bit may catch and distort the hole. Make sure you do not drill through the inner panel.
12. **Apply some touch up paint** to the areas where bare metal is exposed; this will aid in the prevention of corrosion.
13. **Using the nut insert tool**, install inserts into the holes you just drilled. Do not over tighten the nut inserts; this will cause them to distort and not fasten to the body correctly.

14. **Remove the tape from the back of the Body Armor.**
15. **(Optional) If you purchased the rubber liners**, they will need to be placed on the back side of the Body Armor. Use a couple of bolts to help hold the liner in place.



FIGURE 7

16. **For the final install** it is helpful to have someone assist you with lining things up. See figure 14.



FIGURE 8

17. **Install the Body Armor** using 1/4" flat head bolts. Make sure you place a small amount of anti-seize on each bolt. Make sure you get each bolt started before you tighten any of the bolts up. Do not over tighten the bolts; for this step you will only need to snug them up.



**FIGURE 9**

18. Remove the masking tape from the front and rear fender flares.
19. Tighten all bolts to no more than 10 ft./lbs.
20. Reinstall rocker protection if you removed any.
21. Repeat the procedure for the passenger side.

**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