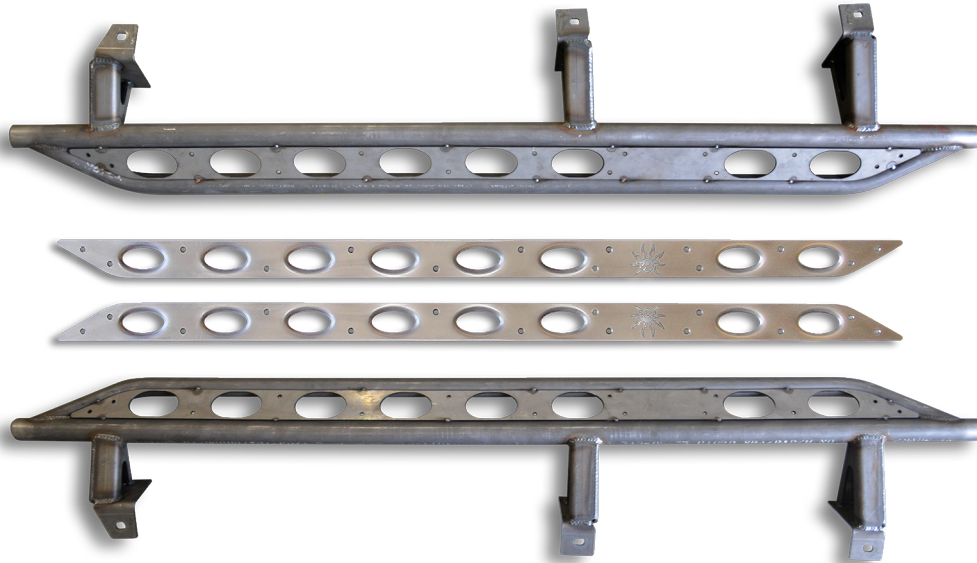


## Frame-Mount JK Rocker Knockers™ Installation



Thank you for purchasing Poison Spyder Frame-Mount Rocker Knockers™ for your Jeep JK. This product 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.

**IMPORTANT:** Completely install and remove the product **BEFORE** painting or powder coating it. This will allow you to check for fitment or do any clearancing or fitting ahead of time, to reduce the chance of damage to the finish during final installation. Poison Spyder Customs Inc. is not responsible for costs for or damage to paint or powder coat finish under any circumstances, including paint or powder coat of incorrectly shipped or defective parts.

### **PARTS LIST**

Please 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, call Poison Spyder at (951) 849-5911 as soon as possible.

- (1) Driver side JK Rocker Klocker, Frame-Mount
- (1) Pass. side JK Rocker Klocker, Frame-Mount
- (1) 1/2" ID X 1-1/4" OD X 3/16" thick spacer
- (2) 1/2-20 X 1 Gr. 8 Hex Head Cap Screw

- (2) 1/2 Gr. 8 Flat Washer
- (4) 3/8-16 X 1-1/2 Gr. 8 Hex Head Cap Screw
- (2) 3/8-16 X 1 Gr. 8 Hex Head Cap Screw
- (6) 3/8-16 Gr. 8 Nylon Insert Lock Nut
- (12) 3/8 Gr. 8 Flat Washer
- (2) M12-1.5 X 40MM Hex Head Cap Screw
- (2) M12 Flat Washer
- (2) M12 Lock Washer

The following items vary by model:

**2-DR 4-DR**

- (22) (28) 1/4-20X3/4 SS flat head cap screw
- (22) (28) 1/4-20 nylon insert lock nut
- (22) (28) 1/4 flat washer

### **TOOLS NEEDED**

- Mechanic's tool set with a standard assortment of metric and SAE wrenches, sockets, pry bars, etc.
- 1/4" & 29/64" drill bits and drill motor
- 1/2-20 threading tap & tap handle
- Anti-sieze compound
- Pneumatic or electric cut-off wheel & grinder (some year models only)
- Fine-tip felt pen or center punch & hammer

**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:
  - 2-DR: four (4) nuts in the pinch weld and two (2) bolts that go into the bottom of the tub.
  - 4-DR: six (6) nuts in the pinch weld and three (3) bolts that go into the bottom of the tub.
3. **Using a 1/4" drive, 10mm socket and 13mm socket** remove the hardware that fastens the rocker protection to the Jeep. Do not discard the hardware as you will need it to reinstall the rockers. Remove the factory rocker protection from the Jeep by gently pulling it away from the tub. See figure 1, 2 and 3



FIGURE 1



FIGURE 2



FIGURE 3

**INSTALLATION PROCEDURE**

*As noted in the introduction, it is recommended to pre-install the Rocker Knockers™ as bare, un-painted parts in order to check fitment and perform any minor modifications needed without damaging the paint or powder coat. It is also recommended to do the pre-installation without the removable skid plates installed. They may be installed later, after painting, before final installation of the Rocker Knockers™. Note that the following photos and instructions pertain specifically to installation on a 4-door JK, however installation on a 2-door is similar, with only minor differences that become apparent during the process.*

1. **If your Jeep has an automatic transmission**, starting with the drivers side, remove the OE bolt that attaches the transmission skid plate crossmember to the bottom of the frame rail. Do not remove the bolt on the other side of this crossmember or the crossmember itself. If your jeep has a manual transmission, this skid/crossmember is not present, however the threaded holes in the frame rail for it are.



FIGURE 4

INSTALLATION INSTRUCTIONS



2. **Install the drivers' side Rocker Klocker™** by sliding the mounting flange of the forward outrigger in between the bottom of the frame rail and the transmission skid plate crossmember (auto trans models). Again, on Jeeps with manual transmissions this crossmember is not present.



FIGURE 5

3. **Either re-use the OE transmission skid crossmember bolt** (if auto trans) or use one of the supplied M12-1.5 X 40MM Hex Head Cap Screws with lock washer and flat washer, to secure the Rocker Klocker to the Jeep's frame rail. Make sure the rearward two outriggers are snug to the side of the Jeep's frame rail as you tighten this bolt.



FIGURE 6

4. **Use a pen or transfer punch** to mark the centers of the bolt holes for the two rearward crossmembers. You will want to push the Rocker Klocker™ snugly up against the bottom and sides of the frame rail, and also against the adjacent body mount brackets, while marking the holes.



FIGURE 7

5. **Remove the Rocker Klocker™**, then drill each of the two marked hole locations to a finish hole size of 29/64". You will want to start with a small pilot hole of 3/16" or so, and step up the hole size at least one size before reaching the final hole size of 29/64". Be careful to hold the drill very straight and steady on the final pass, as the hole will be threaded in the next step.

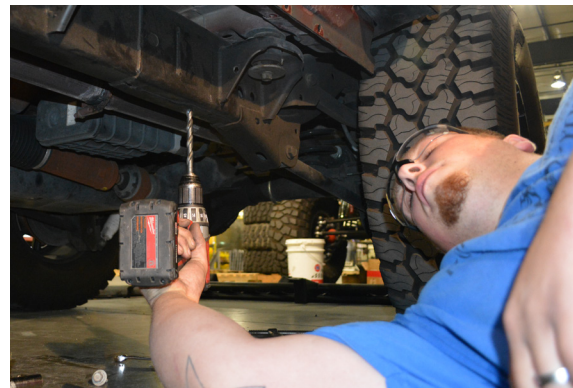


FIGURE 8

6. **Use a 1/2-20 tap** to thread each of the two new holes. If you are unfamiliar with the proper use of a threading tap, we suggest seeking the help of a friend who is familiar with their use, or researching online for proper procedures of using a threading tap.



FIGURE 9

7. **Re-install the Rocker Knocker™.** Re-use the OE bolt at the front outrigger. At the center outrigger, insert the supplied 3/16" thick steel spacer between the mounting flange and the frame rail, and secure it with one of the supplied 1/2-20 X 1 Gr8 Hex Head Cap Screws and 1/2" Flat Washer. At the rearward outrigger, one of the supplied 1/2-20 X 1 Gr8 Hex Head Cap Screws and 1/2" Flat Washers (without the spacer).



FIGURE 10

8. **Note that each outrigger is** positioned against an adjacent body mount bracket, and that there is a pre-existing 3/8" hole in the side of the outrigger. Using the hole in the outrigger as the drill guide, drill a 3/8" hole through the body mount bracket adjacent to each outrigger.



FIGURE 11

9. **Use the supplied 3/8" hardware** to bolt the outrigger to the side of each body mount bracket, through the newly drilled holes. Use the 3/8-16 X 1-1/2 Gr. 8 Hex Head Cap Screws, Flat Washers and Lock Nuts at the two rearward outrigger, and use the 3/8-16 X 1 Gr. 8 Hex Head Cap Screw, Flat Washers and Lock Nut at the forward outrigger.
10. **Move to the passenger side** and repeat the Rocker Knocker™ installation process described in the previous steps. However, on the passenger side you will re-use the OE gas tank skid plate bolts for the two rearward outriggers, instead of drilling and tapping new holes. Begin the passenger side install by removing the transmission skid plate crossmember bolt (auto trans models only), and the two gas tank bolts along the underside of the frame rail that correspond with the Rocker Knocker™ outrigger mount flanges. When installing the passenger side Rocker Knocker, use a pry bar to separate the gas tank skid from the frame slightly so that the Rocker Knocker mounting flange can slip between the skid plate and the frame rail. It may be necessary to have a friend help with this step.





FIGURE 11

*NOTE: on some year model Jeeps there may be a small sheetmetal bracket on the side of the frame rail near the location of the center outrigger on the passenger side. If this is present on your Jeep it may be necessary to cut off this bracket and grind it smooth in order for the Rocker Knocker™ to fit properly. Primer and paint any bare metal after cutting and grinding, to prevent rust.*

11. **Complete the driver side Rocker Knocker™** pre-installation by re-installing and tightening the OE transmission skid plate crossmember bolt at the forward outrigger, and the OE gas tank skid plate bolts at the two rearward outriggers. Repeat the process of drilling and bolting the outriggers to the sides of the body mount brackets, as detailed in the instructions for the passenger side. Once the pre-installation is complete and fitment for both sides is confirmed, remove both Rocker Knockers™ for paint or powder coat.



FIGURE 11

12. **Paint or powder coat the Rocker Knockers and removable skid plates.** If painting yourself, we recommend thoroughly cleaning the parts then using a high quality etching

primer on the bare metal, followed by the paint color of your choice.

13. **Once paint is dry, install** the removable skid plates to the Rocker Knockers using the supplied 1/4-20 X 3/4 SS Flat Head Cap Screws, Flat Washers and Lock Nuts.
14. **Perform the final installation of the Rocker Knockers** onto the Jeep with the same hardware and procedures used during the pre-installation.



FIGURE 11

*NOTE: You may choose to weld the Rocker Knockers directly to the frame and body mount brackets for ultimate strength, if you choose. Before doing so, however, first pre-install the Rocker Knockers using only the bolt-on procedures outlined above. Then try installing the removable skid plates while the Rocker Knockers are installed on the Jeep. Confirm that you will be able to reach the nuts on the back side of the Rocker Knocker with a wrench, for installing and removing the skids, before welding the Rocker Knockers in place.*

**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**