

WHITE KNUCKLE



OFF ROAD PRODUCTS®

OFF ROAD VEHICLE BODY PROTECTION

JEEP Wrangler TJ, LJ, YJ, CJ7 and CJ5

Thank you for choosing White Knuckle Rock Sliders

Please read the instructions before beginning installation. Check hardware kit contents against content list below. Also, check the tools needed against the list below.

Hardware Kit

1-Driver Side Rock Slider

1-Passenger Side Rock Slider

20 each 3/8" x 1" Self Threading Bolts TJ, LJ, YJ, & CJ7

16 each 3/8" x 1" Self Threading Bolts CJ5

Tools Needed

3/8" Drill

1/8" Drill Bit

5/16" Drill Bit

7/16" Drill Bit

Center Punch and Hammer

9/16" Socket and Ratchet

Air Impact Wrench if Available

2 Axle Stands

Jack or High-Lift

"C" Clamps

INSTALLATION INSTRUCTIONS

1. Place the axle stands or jack directly under the rocker panel. Place the Rock Slider on the axle stands or jack **Figure 1**. Clamp the front and rear mounting brackets to the frame in the desired position with the bottom of the "L" bracket snug under the frame. The main rail should be level and around 1/2" to 3/4" below the rocker panel. "C" clamps should be as high as possible on the mounting bracket to eliminate any gap between the frame and the top of the bracket.
2. When the Rock Slider is in the desired position, level, and no gaps between the frame and the bracket, **mark** the holes to be drilled on the underside of the frame with the 7/16" drill bit by turning the bit back and forth by hand **Figure 2**. This will help you find the exact center of each hole. Unclamp and remove the Rock Sliders from the frame. Find the marks on the frame made by the drill bit. Use the center punch on each of these marks for pre-drilling **Figure 3**.
3. 1/8" pilot holes should be drilled first. Drill the 4 holes in the underside of the frame with the 5/16" drill bit. Make sure to keep the drill perpendicular to the frame when drilling the holes.
4. Using the 9/16" socket and ratchet or air impact wrench, begin the supplied 3/8" X 1" self-threading bolts. Keep the bolts perpendicular to the frame with significant pressure against the back of the ratchet as you begin cutting the threads in the frame **Figure 4**. Continue tightening the bolts until they are easy to turn. The impact wrench is best for this procedure if available. Do not attempt to unscrew the bolt until the threads have been completely cut.

5. Clamp the Rock Sliders back into position and ensure the holes line-up. Finally, start the bolts in the threaded holes and tighten. **DO NOT OVERTIGHTEN** or you might strip the threads you just cut.
6. Once the 4 bolts are tight, lift the sliders gently with the jack or High Lift until the 1/2" to 3/4" gap between the top of the slider and the bottom of the rocker panel is reached **Figure 1**. Repeat steps 2 thru 5 for the remaining holes on the vertical portion of the mounting brackets.

Figure 1



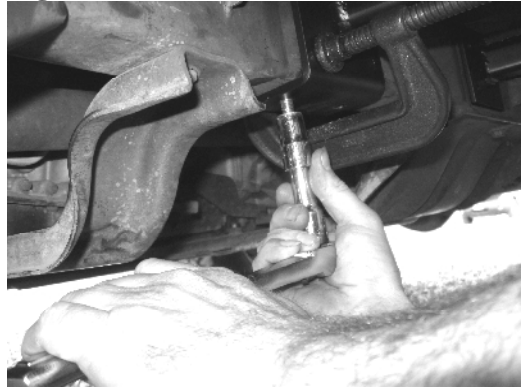
Figure 2



Figure 3



Figure 4



Mounted



SAFETY FIRST

Observe proper safety procedures during installation. Improperly used tools and unsafe procedures can cause injury or death. Refer to manufacturers manuals for use and warnings of tools to be used. Modifications to your vehicle can cause dangerous conditions. The buyers and users of this product assume all risks associated with the installation and use of this product. All installations should be made by a qualified mechanic.

DISCLAIMER

White Knuckle Off Road Products, LLC stands behind all of our quality off-road fabricated products. WKORP will not be held responsible nor will we accept liability for failure of parts as a result of extreme off-road use. Minor modifications may be required to allow the installation of our products.

Modifications to your vehicle using products manufactured by WKORP may create dangerous conditions. Modifications to your vehicle are done at your own risk. WKORP will not accept responsibility or liability from damage or personal injury caused by installing or using installed products manufactured by WKORP whether intended or unintended. The buyer accepts all responsibility and risks associated with any modifications using WKORP manufactured products. All products manufactured by White Knuckle Off Road Products, LLC are for off-road use only.

The powder coated finish provided by WKORP will carry no warranty or guarantee. The powder coated finish is provided as a service. Any damage to the finish during shipping must be reported immediately. Any damage, wear, or anomalies incurred to the finish after receiving parts from WKORP are the responsibility of the buyer or user.

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