

WHITE KNUCKLE



OFF ROAD PRODUCTS®

OFF ROAD VEHICLE BODY PROTECTION

JEEP JK UNLIMITED 2007-2018

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
2 each 1/2" x 3-1/4" Grade 8 Bolts,
Flat Washers & Lock Washers
2 each 1/2" x 3-3/4" Grade 8 Bolt,
Flat Washers & Lock Washers
2 each 12mm x 30mm Bolt and Washer
1 each 3/16" x 2" x 2" Backing Plates w/welded nut
2 each 3/16" x 2" x 3" Backing Plates w/welded nut
1 each 3/16" x 2" x 5-1/4" Backing Plates w/welded nut
8 each 3/8" x 1" Thread Cutting Bolts (5 driver side and 3 passenger side)

Tools Needed

3/4" Socket and Ratchet
3/4" Wrench
18mm Socket and Ratchet
2 Axle Stands
Small Jack
1/2" or 3/8" Drill
1/8" and 21/64" Drill Bits
Center Punch and Hammer
9/16" Socket and Ratchet

INSTALLATION INSTRUCTIONS

1. Beginning on the **DRIVER SIDE**, make sure the frame is clean of oil and debris. Remove the factory skid bolt (if equipped) at the front slider mounting position and 3rd slider position.
2. Place the axle stands or jack directly under the rocker panel. Place the slider on the axle stands or jack **Figure 1**. The front mount and 3rd mount from the front will need to slide under the skid plate cross member (if equipped) **Figure 2**.
3. The factory holes in the frame should be aligned to allow the bolts to go thru the mounting plates and the frame. The main rail should be level and around 1/2" to 1" below the rocker panel.
4. Starting again at the front, begin threading a 1/2"x 3-1/4" bolt, flat washer, and lock washer thru the mounting plate and 2"x 3" plate with the welded nut. Make sure the welded nut is inside the factory hole **Figure 3**. Thread the 12mm x 30mm supplied bolt and flat washer through the bottom of the mounting plate. Keep the bolts loose for the time being to allow for adjustment of the slider position.
5. Continuing to the 2nd mount, thread the 1/2"x 3-3/4" bolt into the 2"x 2" backing plate **Figure**
6. Continuing to the 3rd mount, reinstall the factory 12mm skid bolt **Figure 3**.
7. Stand back to take a look at the slider in relation to the vehicle body. Make sure the rock slider is in the desired position, level, and no gaps between the frame and the mounting plates. Tighten all the installed bolts. **Mark** the holes to be drilled on the underside of the

- frame and the one on the face of the frame thru the front mounting plate with the center punch by drawing a circle inside the hole.
8. Remove the slider and use the center punch on each of these marks for pre-drilling.
 9. Drill a small pilot hole thru each of the marks and re-drill with the 5/16" drill bit. Make sure to keep the drill perpendicular to the frame when drilling the holes.
 10. Using the 9/16" socket and ratchet or air impact if available, 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. **DO NOT OVERTIGHTEN** or you may strip out the threads you just cut.
 11. Remove the bolts, reinstall the slider and finish tightening all of the bolts with a ratchet or wrench but not with the air impact.
 12. **PASSENGER SIDE**. Remove the factory skid plate bolts (if equipped) at the front, 3rd and rear mounting positions.
 13. Place the axle stands or jack directly under the rocker panel. Place the slider on the axle stands or jack **Figure 1**.
 14. The factory holes in the frame should be aligned to allow the bolts to go thru the mounting plates and the frame. The main rail should be level and around 1/2" to 1" below the rocker panel.
 15. Starting again at the front, begin threading the 1/2"x 3-3/4" bolt, flat washer, and lock washer thru the mounting plate and 2"x 3" plate with the welded nut. Make sure the welded nut is outside the frame **Figure 5**. Thread the 12mm x 30mm supplied bolt and flat washer through the bottom of the mounting plate. Keep the bolts loose for the time being to allow for adjustment of the slider position.
 16. The 2nd mount requires the large backing plate 2"x 5-1/4" marked "2nd" "Passenger" to be placed between the gas tank and frame from the top with the welded nut protruding inward thru the inboard frame hole. The two-sided tape will help keep it fixed in place and the attached zip tie will help in positioning the plate and holding it in place. **NOTE:** It is very important that the 3-1/4" bolt is used and that the welded nut is protruding thru the frame and not towards the gas tank as it may rub against the tank. Thread the 3-1/4" bolt and washers thru the 2nd mounting plate and the nut welded to the backing plate. It may take a few tries to get the threads started, be patient.
 17. Reinstall the rear skid plate factory bolts thru the bottom of the 3rd and rear mounting plates **Figures 6 - 7**.
 18. Repeat steps 7-11.

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Hardware



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

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