

WHITE KNUCKLE



OFF ROAD PRODUCTS®

OFF ROAD VEHICLE BODY PROTECTION

TOYOTA TACOMA Double Cab Long Bed 2016-Newer

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
6 each 1/2" x 1-1/2" Grade 8 Bolts,
Flat Washers & Lock Washers
9 each 1/2" x 2" Grade 8 Bolts,
Flat Washers & Lock Washers
12 Grade 8 Hex Nuts
1 each 1/2" x 1-1/2" bolt welded to 1-1/2" square plate
2 each 1/4" x 2 x 2-7/8" backing plate w/welded nut
2 each 1/4" x 2 x 2 backing plate w/welded nut and wire
7 each 1/4" x 2" x 2" backing plate
3 each 8mm screw and 1/2" spacer

Tools Needed

1/2" or 3/8" Drill
1/8", 1/4", & 1/2" Drill Bits
Center Punch and Hammer
3/4" Socket and Ratchet
3/4" Wrench
12mm and 13mm Wrench or Socket
2 Axle Stands
Small Jack
"C" Clamps

INSTALLATION INSTRUCTIONS

1. Slide the 1/4" x 2" x 2-7/8" w/welded nut into the rectangular slotted hole in the frame where the bottom of the front slider mounting plate will be attached **Figure 1**. Remove the covered electronic module on the passenger side **Figure 3** and the parking brake cable bracket on the driver side **Figure 2**. 1/2" spacers and new 8mm screws are supplied for reattaching.
2. Place the axle stands or jack directly under the rocker panel. Place the slider on the axle stands or jack **Figure 4**.
3. The factory holes in the frame should be aligned to allow the 1/2" bolts to go thru the mounting plates and the frame. The main rail should be level and around 1" below the rocker panel.
4. Start threading a 1/2" x 2" bolt, flat washer, lock washer, and 1/4" x 2 x 2 backing plate thru the bottom portion of the front mounting plate and the backing plate with the welded nut **Figure 5**. Keep the bolt loose for the time being to allow for adjustment of the slider position.
5. Continuing at the front mount, move the hard-lines (if necessary) out of the way enough to reach into the open end of the frame with the backing plate with the welded nut and wire to begin the 1/2" x 2" bolt, flat washer, and lock washer **Figure 6**. Keep all of the 1/2" fasteners loose to allow adjustment of the slider later.
6. The 2nd mounting plate on the driver side will use the bolt welded to a 1-1/2" square plate **Figure 7**. Slide the 1/2" x 1-1/2" bolt with welded plate (to allow for hard lines) through

the frame hole from the inside of the frame rail. Use a flat washer, lock washer, and nut from the outside of the frame rail.

7. Next, start the other 1/2" x 2" bolts through the remaining mounting plates on the driver and passenger sides that utilize the factory frame holes. Use the 1/4" x 2" x 2" backing plates for these locations.
8. Now adjust the slider front to rear to make sure it is in the desired position. Clamp the mounting plates to the bottom of the frame and tighten the 1/2" x 2" bolts thru the factory vertical frame holes. "C" clamps can be used or a bottle jack can be used to press the bottom of the mounting plate tight against the bottom of the frame to eliminate any gap between the frame and the mounting plate.
9. 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. **Mark** the holes to be drilled on the underside of the frame with the 1/2" drill bit by turning the bit back and forth by hand **Figure 8**. This will help you find the center of each hole. Find the marks on the frame made by the drill bit. Use the center punch on each of these marks for pre-drilling **Figure 9**.
10. Sharp drill bits will be needed. Drill an 1/8" pilot hole thru each of the marks, then with the 1/4" drill bit, and next with the 1/2" drill bit. Make sure to keep the drill perpendicular to the frame when drilling the holes **Figure 10**.
11. Start the bolts and lock washers through the bottom holes and tighten nuts and flat washers on the inside of the frame rail **Figure 11**.
12. Finish by tightening all the bolts with a ratchet or wrench. Install the supplied 1/2" spacers under the parking brake cable bracket on the driver side **Figure 2** and covered electronic module on the passenger side **Figure 3**.

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



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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