


# WHITE KNUCKLE



## OFF ROAD PRODUCTS®

### OFF ROAD VEHICLE BODY PROTECTION

DODGE RAM 1500 Crew Cab Long Bed 2014-2018

Thank you for choosing White Knuckle Rock Sliders

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

**Install time:** 2 hours

1 helper recommended

#### Hardware Kit

- 1-Driver Side Rock Slider
- 1-Passenger Side Rock Slider
- 4- 1/2" X 2 X 9" Backing Plates (1 with welded nut)
- 2 - 1/2" X 2 X 9-7/16" Backing Plates (1 with welded nut)
- 1 - 3/8" X 2 X 9-11/16" Backing Plates
- 1 - 1/2" X 2 X 9-11/16" Backing Plates
- 15 - 1/2" X 5" Grade 8 Bolts
- Nuts, Flat Washers, and Lock Washers
- 1 - 1/2" X 4" Grade 8 Bolt (Rear Driver Side)
- Nuts, Flat Washers, and Lock Washers
- 4 - 3/8" x 1" x 4" Plastic Spacers (with two sided tape) for Hard Line Clips (Front, 2<sup>nd</sup>, 3<sup>rd</sup>)
- 1 - 3/8" x 1" x 2" Plastic Spacers (with two sided tape) for Hard Line Clips (Rear)

#### Tools Needed

- Floor Jack
- 2 Axle Stands
- 3/4" Wrench and/or Ratchet and Socket
- 10mm Wrench or Socket

#### INSTALLATION INSTRUCTIONS

1. Chock the tires to keep the vehicle from rolling (please refer to your vehicle owners manual) and release the parking brake to allow for slack in the parking brake cable.
2. **Driver side** - Disconnect the parking brake cable by pushing the ends of the cable toward each other at the cable connector **Figure 1**.
3. Remove the wire loom connector from the driver side frame by removing the 3 screws attaching it to the frame **Figure 2**. This will allow the front slider mount to be placed in position. Replace when finished.
4. Unsnap the 5 hard line plastic clips from the inward facing part of the vehicle frame (around the front, 2<sup>nd</sup>, 3<sup>rd</sup> and rear slider mounting positions) **Figures 3 & 4**. Clean the frame and plastic clips where the spacers will attach to the frame. Attach the Plastic Spacers to the frame side of the hardline clip and secure assembly in original place on frame. This will allow for the backing plates to be put in place.
5. Place the axle stands directly under the rocker panel. Place the rock slider on the axle stands **Figure 5**.
6. Use the floor jack for minor adjusting of the position of the slider. Place the floor jack under the center of the rock slider and lift until the mounting plates are in position to push the bolts from the outside toward the inside of the vehicle frame and through the backing plate. **NOTE:**

Slide the backing plates up from the bottom against the inside of the frame to ensure brake lines, wiring, etc. will not be pinched by the backing plate **Figure 6**. **NOTE:** The driver side rear mounting plate can be put into position at the top of the frame and will require the nut to be towards to frame. Next, push the bolts through the holes in the mounting plates and backing plates. **NOTE:** Reverse the bolt direction for both front top and driver side rear bottom slider mounts.

7. Once all the bolts with washers have been started, center the slider relative to the rocker panel. Keep a consistent gap (around 1/2" to 1") between the slider and the bottom of the rocker panel. The gap can be adjusted by simply lifting one end. Tighten all the nuts rotating from top to bottom to ensure the backing plate stays straight. Finally, recheck each for tightness.
8. Reinstall the wire loom connector and reconnect the parking brake cable.

**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**



**Figure 5**



**Figure 6**



## **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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