



RAM 2500/3500 Diesel 2014-Newer

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: 2-3 hours
1 helper recommended

Hardware Kit

- 1-Driver Side Rock Slider
- 1-Passenger Side Rock Slider
- 2 – 1/2" "J" Backing Plates (Front)
- 2 – 1/2" X 2 X 9-5/8" Backing Plates (2nd)
- 1 – 1/2" X 2 X 9-11/16" Backing Plate (3rd Passenger)
- 3 – 1/2" X 2 X 9-7/16" Backing Plates (3rd Driver, 4th Passenger & Rear Passenger)
- 1 – 3/8" X 2 X 9-7/16" Backing Plate (Driver Rear)
- 2 – 1/8" X 2 X 9-7/16" Shim (4th Mount Passenger, 3rd Mount Driver) 19-Newer or if needed
- 1 – 1/2" X 4-1/2" Grade 8 Bolts with Nylock Nut (3rd Passenger Top)
- 17– 1/2" X 5" Grade 8 Bolts, Nuts, Flat Washers, and Lock Washers
- 1 – 3/4" X 1' X 3" Adhesive Spacer
- 2 – Adhesive Zip Tie Mounting Base and Zip Ties

Tools Needed

- Floor Jack
- 2 Axle Stands
- 3/4" Wrench and/or Ratchet and 3/4" Socket
- Slotted Screwdriver

INSTALLATION INSTRUCTIONS

1. Chock your wheels to prevent your truck from rolling. Begin with the passenger side as it is the easier of the two sides.
2. Remove the plastic trim at the bottom of the bed at the front **(2019-Newer) Figure 1**.
3. Place the axle stands directly under the rocker panel. Place the rock slider on the axle stands **Figure 2**. Place another axle stand or floor jack under one of the mounting plates or legs to keep the slider from swinging out and to provide more stability.
4. **Passenger side** – To access the front backing plate to install the washers and nut, remove the screws that fasten the exhaust hanger to the frame and swing it out of the way **Figure 3 (2019-Newer)**. One plastic snap-in fastener that attaches an insulated line will need to be removed from the top of the frame near the 4th mount **Figure 4**.
5. **Driver side** – A few of the plastic snap-in fasteners that attach the wire loom to the top of the frame rail will need to be removed or cut to provide slack in the loom which will allow the backing plates in the Front, 2nd and 3rd positions to be installed **Figure 5**. The fasteners can be removed with a slotted screwdriver by prying them out of the frame. Be sure the wire loom and hardlines are protected from wear if against the backing plates with rubber and/or electrical tape.
6. A hardline plastic bracket on the frame next to the gas tank between the 3rd and Rear mounts will need to be pried out of the frame with the slotted screwdriver and the 3/4" X 1" spacer is to be placed between the bracket and the frame **Figure 6**. This is to keep the hardlines from rubbing on the backing plates.

7. Position the rock slider mounting plates flush against the frame so that they are in a position high enough to push the bolts from the outboard toward the inboard 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 7**. Next, push the bolts through the holes in the mounting plates (begin with the front mount then work your way back). **NOTE:** The 1/2" X 5" bolt with Extra Thick Washers is used on the front slider mount lower hole and also goes through the factory 1" hole in the frame at the same location **Figure 8**. Place the flat washers, lock washers and nuts on the bolts but do not tighten at this point. **NOTE:** The top bolt for the 3rd mount on the passenger side and possibly the rear mount on the driver side should be installed in reverse (from inboard to outboard of frame) **Figure 9**. **NOTE:** The one 4-1/2" bolt is for the 3rd mount on the passenger side at the top position. **NOTE:** An 1/8" shim is provided for the 2019 and newer models to go between the 3rd mounting plate and the frame on the driver side and the 4th mounting plate on the passenger side, if needed **Figure 10**.
8. Once all the washers and nuts have been started on the bolts, center the slider relative to the rocker panel. Allow the top bolts rest on the top of the frame and 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 (a bottle jack or floor jack used under the mount to be adjusted works best). Tighten all the nuts rotating from top to bottom to ensure the backing plate stays straight. Finally, recheck each for tightness. Torque value is about 60 ft lbs for the 1/2" bolts. **NOTE for 2nd Mount:** Place a large slotted screwdriver between the top of the backing plate and the bottom of the body to create a gap while tightening the bolts.
9. Install the provided wire loom zip tie mounts and zip ties to the wire loom where it will be safe from rubbing.
10. **NOTE:** The temporary removal of the floor bins at the center mounting position of the sliders as well as the gas tank skid plate may save time and allow for more space to work but is not necessary to install the sliders.
11. **NOTE:** If you notice a creaking sound while driving, it is most likely the top of the 2nd position backing plate making contact with the bottom of the cab. Loosen the bolts and lower the backing plate until it does not make contact. Place a slotted screwdriver between the top of the plate and the cab to create a gap, retighten the bolts, then remove the screwdriver.
12. **Radius Arm Drop Brackets installed.** Remove the upper radius arm drop bracket bolt that goes thru the center of the frame. This frame hole will be used for the bottom slot of the slider front mounting plate. Retighten this bolt to the lift manufacturer's torque value. Supplied are new bolts, washers, and nuts. Also supplied are thick shims that go between the front mounting plate and the frame as well as the front backing plate and frame to allow for the added thickness to the frame by the drop brackets **Figures 9 & 10**.

Figure 1



Figure 2



Figure 3

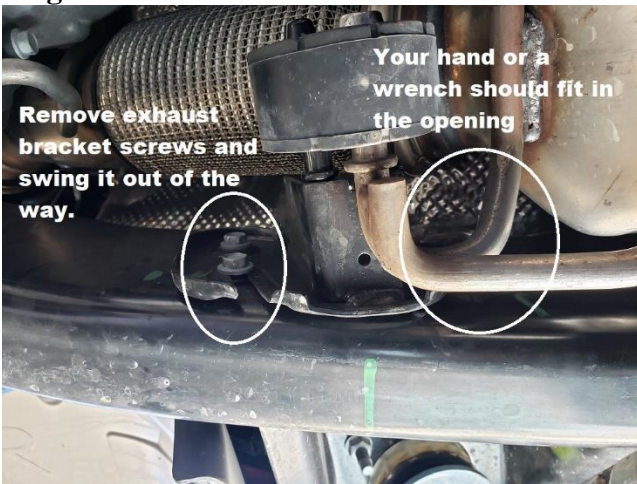


Figure 4



Figure 5

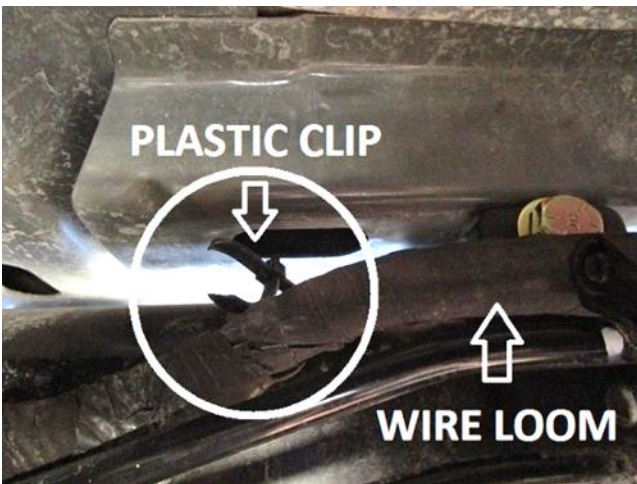


Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



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.

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