

# WHITE KNUCKLE



## OFF ROAD PRODUCTS®

### OFF ROAD VEHICLE BODY PROTECTION

Toyota 100 Series Land Cruiser and LX470

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.

#### Hardware Kit

- 1-Driver Side Rock Slider
- 1-Passenger Side Rock Slider
- 6 - U-bolts (**with AHC 4 – U-bolts**)
- 12 - 1/2" Nuts (**with AHC 8 – 1/2" Nuts**)
- 12 - 1/2" Flat Washers (**with AHC 8 – 1/2" Flat Washers**)
- 12 - 1/2" Lock Washers (**with AHC 8 – 1/2" Lock Washers**)

#### Tools Needed

- Floor Jack
- 2 Axle Stands
- 3/4" Wrench or Deep Socket

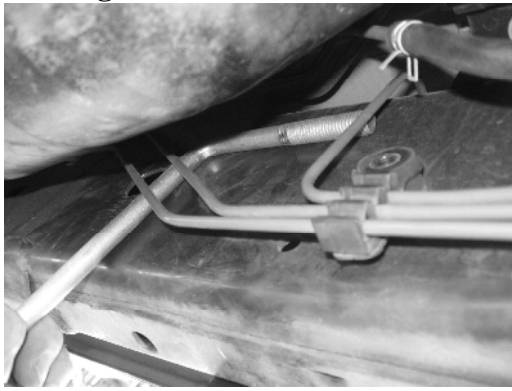
#### INSTALLATION INSTRUCTIONS

1. Place the axle stands directly under the rocker panel. Place the rock slider on the axle stands **Figure 1**.
2. Place the floor jack under the center of the rock slider and lift until the mounting plates are in a position to receive the U-bolts from the back side of the vehicle frame. Those vehicles equipped with the AHC system will need to first remove the bolt holding the hard lines on the inside of the driver side frame to allow the U-bolt to slide behind them **Figure 2**. **NOTE:** Slide the U-bolt up from the bottom against the inside of the frame to insure brake lines, etc. will not be pinched by the U-bolt **Figure 3**. You may need to slightly bend these lines to avoid them from rubbing on the U-bolts. Next push the U-bolts through the holes in the mounting plates. Place the flat washers, lock washers and nuts on the U-bolts but do not tighten at this point.
3. Once all of the bolts with washers have been started, position the rear of the slider flush to the front of the rear wheel well opening. Keep a consistent gap (around 3/4" to 1") between the slider and the bottom of the rocker panel. Tighten all of the nuts rotating from top to bottom to ensure the U-bolt stays straight. Finally, recheck each for tightness.

**Figure 1**



**Figure 2**



**Figure 3**



**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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