

# BODY ARMOR

BY TOLAR MFG. CO., INC.

## TOYOTA FJ CRUISER - ROCKCRAWLER SIDE GUARD INSTALLATION INSTRUCTIONS



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for the serious  
offroader!

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## Hardware Kit and Installation Instructions - TOYOTA FJ CRUISER

DO NOT INSTALL THIS PRODUCT ON ANY VEHICLE OTHER THAN TOYOTA FJ CRUISER

Body Armor designed this product to give you years of dependability and performance. If you encounter any problems during installation of this product, or at any later date, please contact your authorized Body Armor dealer, or call 951-808-0750 for our customer service department, or check our website for tech bulletins regarding your year and model vehicle. Our hours are Monday thru Thursday 7AM-4:30PM and Friday 8AM-12PM, Pacific Time.

It is recommended to have a helper in the installation of your Body Armor Rockcrawler Side Guards. They are completely bolt-on, though fairly heavy and awkward to hold in place while threading the bolts into the inserts in the frame. No drilling is needed and no modifications need be made to install.



Hex head bolt 8mmx1.25 x 1"  
PN = BOLTBA81251  
QTY 16



Flat washer 8mm  
PN = FWBA8  
QTY 16



Lock washer 8mm  
PN = LWBA8  
QTY 16

The hex head bolts, and flat and lock washers are the all hardware needed for installation. These bolt into existing factory inserts in the frame-rails.

### Rockcrawler Side Guard Installation - TOYOTA FJ CRUISER

#### Step 1 **Very Important**

Before beginning installation, assure that vehicle has been pulled forward into work-area with the wheels straight and that the ground is level. Moving vehicle with wheels turned causes slight frame twist preventing ease of installation of any aftermarket parts into / onto frame-rails. Make sure you have plenty of room to work around vehicle.

#### Step 2

- Unpack side guards using staple puller to remove staples. Save all packing materials and take care not to tear cartons. Remove hardware and check list to confirm all necessary hardware is included before installation. It's a good idea at this time to spray all frame-inserts to assure they're clean. Also check the threads in each insert to assure they're not in any way damaged or missing. There are (4) sets of inserts on each side of the vehicle's frame. (1) set of inserts consists of (1) upper and (1) lower threaded hole. See photo 1 for insert locations reference.
- Un-bolt the front emergency brake cable bracket only from the frame on each side of your FJ. This will make it easier to work with the side guards' mounting brackets without having to lift e-brake cable away from frame while installing. These will be re-bolted in Step 4. See photo 2 for reference.

#### Step 3

Using a helper or floorjack to hold the side guards in place, with the long end of the guards to the rear of your FJ, thread (4) of the 8mm x 1" bolts with (1) flat washer and (1) lock washer through the upper mounting holes of the side guard mounting brackets into the frame-rail inserts. Hand tighten only at this time. With the side guards secured in position by the upper bolts, now install the lower bolts and hand tighten at this time. Repeat on opposite side of your FJ.

#### Step 4

- Confirm that side guards are straight without clearance issues to the body. Torque to 15ft lbs, starting with center bolts and work your way out, torquing evenly. Do not over-torque.
- The front emergency brake cable brackets on each side can now be re-bolted to frame.

We recommend you check the torque of all bolts after about two weeks, and after every off-road / trail run thereafter to assure tightness.

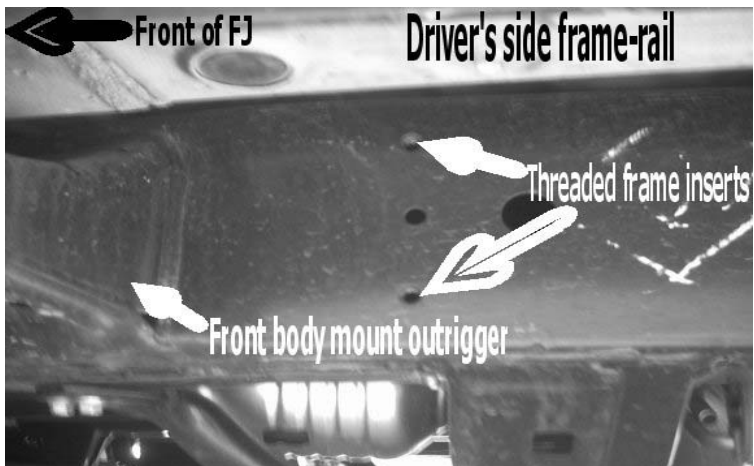


Photo 1 - Frame-rail inserts

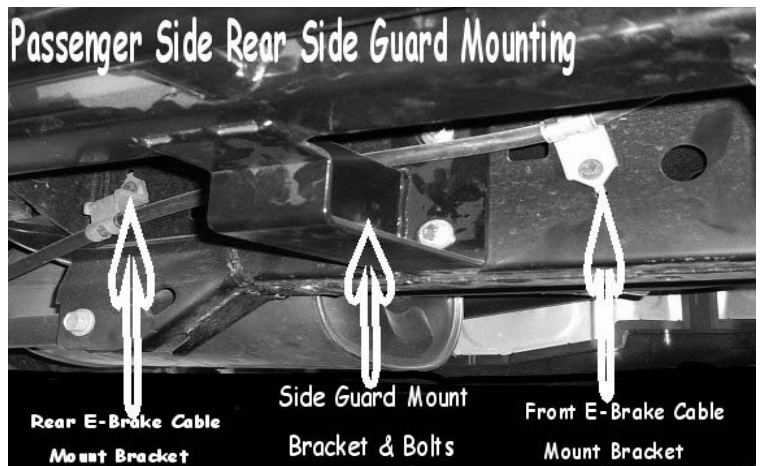


Photo 2 - Emergency brake cable brackets

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