

ROAD



ARMOR

2007 - 2011 TOYOTA FJ REAR INSTALL INSTRUCTIONS



Warning!

Read the instructions completely before beginning the installation. Before tightening bolts, drilling or cutting where required, check to make sure that there are no obstructions such as brake, fuel or electrical lines that may be damaged. Also keep in mind this is an aftermarket product and MAY require some minor shimming and or trimming, reaming etc. to fit properly.

IMPORTANT NOTICE

IF YOU ARE RECEIVING THIS ROAD ARMOR PRODUCT RAW/UNCOATED.

BE SURE TO INSPECT AND OR TEST FIT YOUR PRODUCT TO ENSURE PROPER FITMENT AND ADEQUATE SURFACE PREPERATION BEFORE HAVING YOUR PRODUCT COATED, PAINTED, BED LINED, ETC.

ROAD ARMOR WILL NOT BE RESPONSIBLE FOR THE COST OF COATING YOUR UNIT IF ANY PROBLEMS WITH FIT OR FINISH ARE NOT NOTED AND ADDRESSED PRIOR TO HAVING YOUR PRODUCT COATED.

THANK YOU

SUGGESTED LIGHTS THAT FIT THIS UNIT:

PIAA 2000 - www.piaa.com - Part Numbers (2091, 2090).

Hella 1400 Optilux



TOOLS NEEDED

- Yourself and a strong friend / bumper jack.
(Don't worry, we're not calling you or your friend a "tool")
- Socket set, Ratchet & Wrenches (metric & standard)
(... more than likely metric for your rig, cause everything's imported these days,
and standard for your new bad ass Made in USA bumper.
Road Armor thanks you for supporting the American Economy!)
- Common Sense a Tape Measure and a bit of Patience
(And also a cold drink to celebrate afterwards)



STEP 1 : Make sure you have all necessary tools and hardware.

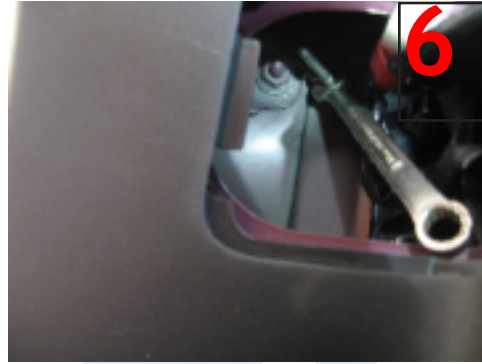
Hardware Kit Includes : (all Grade 8)

- (8) 1/2" Hex Nuts
- (4) 1/2" Bolt Plates
- (2) 1/2" Flange Nuts
- (8) 1/2" Wide Washers
- (12) 1/2" Lock Washers
- (8) 1/2" Retainer Washers
- (6) 1/2 x 1" Carriage Bolts
- (6) 5/16 x 1" Allen Head Screws
- (2) 5/16 x .75" Allen Head Screws
- (14) 5/16" Flat Washers
- (6) 5/16 Nuts
- (2) 5/16 Corner Pod Bolt Pads
- (4) 12mm x 1.5" Bolts
- (4) 12mm Big Flat Washers
- (8) 3/4" Hole Covers
- (4) #10 x 1" Allen Head Screws, Lock Washer, and Nuts

STEP 2:

- Park on level surface and Disconnect Positive Battery Terminal.
- Disconnect backup sensor/bumper lights.
- Remove all the bolts from the OEM plastic bumper.
- Pop the bumper corners off.
- Pull off corner guard mounts from body as illustrated in picture 3
- Pop out the panels inside the cab (spare jack panel, both tail light panels, AC power outlet panel, and panel below the subwoofer).
- Take out the two 10mm socket head screw on either side of the plug (below the subwoofer). Unplug white plug to the subwoofer at this point.
- Remove the face of the woofer, pulling gently from the top, separate the face from the main body. Clips are used to hold this on, leave the screws on the face alone for now. Picture 4
- Now you can see the subwoofer and the two other 10mm screws on either side of the woofer, in the round recesses. Remove these along with subwoofer. Picture 5
- Unbolt the 3 nuts per side that hold the tail lights in and pull tail lights out.
- Unbolt the rear tow hooks and body mount nut on both sides.





STEP 3:

- Install corner pod using the 5/16 hardware

Use the 5/16 x .75" bolts and the nut tabs for the 3rd hole back.
 Use the removable pannels to gain access to the bolts.
- Put a 1/2" carriage bolt through the furthest forward hole in the frame rail on both sides. See picture 8 for illustration.
- Install the bumper frame mounts using a 1/2 flange nut on the carriage bolt, the 12mm bolts and washers for the tow hook, and reinstall the washer and nut for the body mount.
- Use the 2 1/2" bolt plates on the upper and lower holes of the furthest apart holes on the bumper and the 1/2" carriage bolt for the inner holes. Use the retainer washer to hold the 1/2" bolts from sliding back while installing the bumper.

Push exhaust out of the way to install right bumper mount.
 Use a socket to help press the retainer washers onto the bolts.
- Install bumper using the 1/2" nuts, lock washers, and washers.
- Adjust the bumper and once in position tighten the 1/2" bolts down.
- Install Road Armor emblem.
- Re-install tail lights, sub woofer, and removable panels.

STEP 4:

- You're all done! Enjoy the view.