

# ROAD



# ARMOR

## 2006 - 2014 (LHD) TOYOTA FJ FRONT BUMPER 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 510 - [www.piaa.com](http://www.piaa.com) - Part Numbers (5161, 5164, 5192, 5190, 5196).  
Warn 350F - [www.warn.com](http://www.warn.com) Part Number (82410).



### 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 ) 3/8"x1" Bolts
- ( 20 ) 3/8" Washers
- ( 12 ) 3/8" Lock Washers
- ( 12 ) 3/8" Nuts
- ( 2 ) 1/2 Retainer Clips
- ( 8 ) 1/2" Tabled Bolts
- ( 4 ) 1/2x1" bolts
- ( 8 ) 1/2" Nuts
- ( 12 ) 1/2" Washers
- ( 8 ) 1/2 Lock Washers
- ( 4 ) Allen Head Bolts
- ( 2 ) 12x40mm Bolts
- ( 2 ) 8x25mm Bolts
- ( 4 ) #10 x .75" Allen Head Screw
- ( 4 ) #10 Lock Washers
- ( 4 ) #10 Nuts

## STEP 2:

- Park on level surface and Disconnect Positive Battery Terminal.
- Remove all the bolts from the OEM plastic bumper.
- Remove the OEM upper bumper mount. Corner mounts take a little bit of force to pop off once all bolts are out once all bolts are removed.
- Remove Factory bumper cross member and mounts.
- Hit the 8 studs out of bumper mount with a hammer. Hit the studs on a angle to break the tack welds (2 of these will be reused on the lower outside corner facing the other direction).
- Unbolt lower head light mount.
- Cut the headlight mount right in front of the vertical mount and reinstall.
- Remove front body mount nut and rubber spacer on both passenger side and driver side.



There are plastic clips behind the grill that hold in the OEM bumper in as seen in picture.





## STEP 3:

- Install Road Armor bumper to frame mount per side using 6 3/8" bolts, washers, lock washers, and nuts.
- Install back plate tab with the 3/8 bolts on the back side of the frame plate so the bolts point towards you.

Hint: put a zip tie threw center hole to hold 3/8 back plate while fitting it. See picture for illustration.

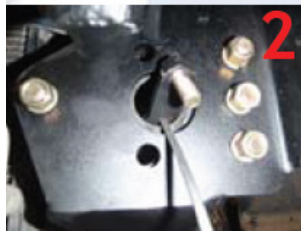
Turn the tab so it points towards the outside of the cab. Some grinding might need to be done on the top and bottom of the tab. It is a very tight fit on the inside of the frame.

- If guarded : Wrap corners with soft material to protect fenders from scratching.
- Measure between bracket holes and position bumper bolts for easy alignment.
- Carefully guide bumper onto brackets.
- Use the 1/2 bolts with tabs to the outside bolt holes on the bumper per side.
- Tighten all hardware down and reinstall rubber body mount and nut as well as the metric hard ware on the bumper to frame mounts.



## STEP 4:

- You're all done! Enjoy the view.



## BRACKET MODIFICATION

