



# INSTALLATION INSTRUCTIONS

## Installation instructions for Ford Super Duty FD-2961 Rear bumper

\*\* Inspect bumper and all parts prior to installation. Contact us at 951-808-0750 for missing parts.

### Hardware list:

QTY 10 M12X1.75X40mm  
QTY 10 M12X1.75 nut  
QTY 30 M12 Washer

### Removing Factory bumper:

- 1 Disconnect license plate light harness. Remove factory lights and retain for later use.





# INSTALLATION INSTRUCTIONS

- 2 Remove 4 bolts securing bumper to frame and remove bumper Retain factory hardware for installation.



## Bumper Installation For FD-2961:

We recommend you have help with lifting of the rear bumper to avoid injury or damage to bumper and vehicle.

- 1 Install bumper using factory and supplied hardware, leave loose at this time.

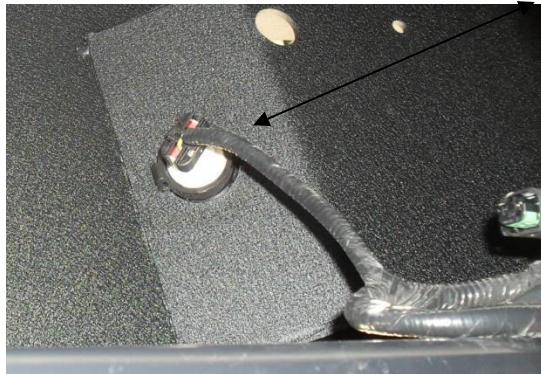


- 2 Align bumper to body and tighten all hardware at this time.



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- 3 Check for clearance when tailgate is open. Reinstall factory license plate lights.



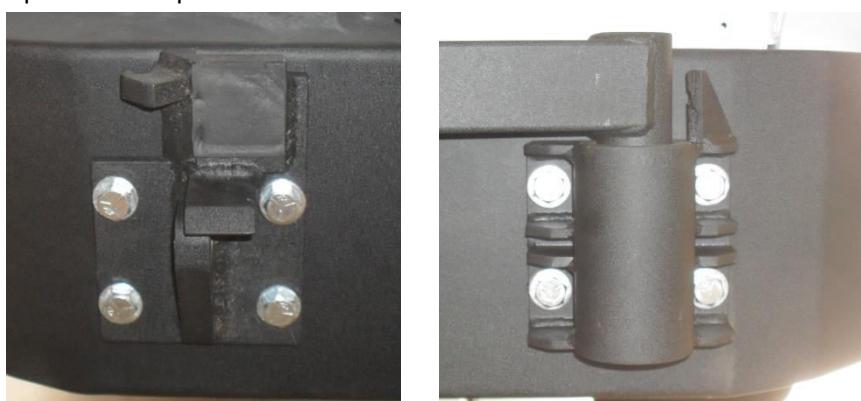
- 4 Install d-rings plate using supplied hardware.



## Installation of optional Swing Arm tire Carrier to FD-2961

**Grease bearings and bearing races at this time.**

- 1 Install races into spindle mount.
- 2 Install large bearing and seal in spindle mount
- 3 Using M12x1.75x40mm bolts, washers and nuts install spindle mount and latch mount to bumper and bumper brackets. Leave loose at this time.





## INSTALLATION INSTRUCTIONS

Top



Installation order of bearings in  
swing arm barrel

- 4 Install swing arm onto pivot mount and install small bearing, large washer, and castle nut. Tighten castle nut to 50 ft/lbs.
- 5 Install dust cap with cup side up.
- 6 Install cam lock latch to swing arm using four button head screws with washers and tighten.



# INSTALLATION INSTRUCTIONS

TC-5293 swing arm shown in image, FD-5293 looks different



**Note: the properly adjusted cam lock will close the carrier tight against the stop and can be latched using one hand with 20 to 25 pounds of force.**

- 7 Loosely install the tire carrier plate to swing arm.
- 8 Set spare tire on tire carrier plate. With tire tight and square against swing arm leave 3/8" gap between wheel and carrier plate.
- 9 Tighten carrier plate at this time.
- 10 Tighten spare tire lug nuts at this time.

**Note: Recheck all hardware after the first couple hundred miles. It is advised to inspect the bumper and hardware periodically.**

**Do not return this product to the dealer if there is a question or concern about a possible defect, contact us directly and we will make every effort to resolve the issue as quickly as possible. 1-951-808-0750 or [kneubauer@tolarmfg.com](mailto:kneubauer@tolarmfg.com)**



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**\*\* Body Armor warranty policy:** Body Armor 4x4 warrants this product to be free from manufacturer defects for the life of the product. Damage to the product is not considered a defect; abuse of the product is not considered a defect. If fitment issues occur during the installation is not considered to be a defect, call our office to resolve fitment or installation questions. 951-808-0750. Body Armor 4x4 warranty's the paint for 90 days from date of purchase. Rust is not a warrantable defect as we cannot control proper maintenance of the product or environmental variables. We use the highest quality powder coat process as well as an E-Coat undercoating, this allows for the maximum corrosion resistance available. Proper maintenance is required to maintain the long term luster of the paint. Touch rock chips with a quality flat black spray paint or automotive touch up paint.