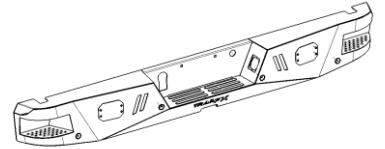




Rear LD Bumper

Part No. RLDB001TI

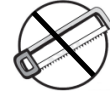


Fits: 2015 - 2016

Ford F150



60-180 min



Cutting Not Required



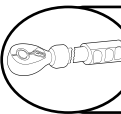
Drilling Not Required



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



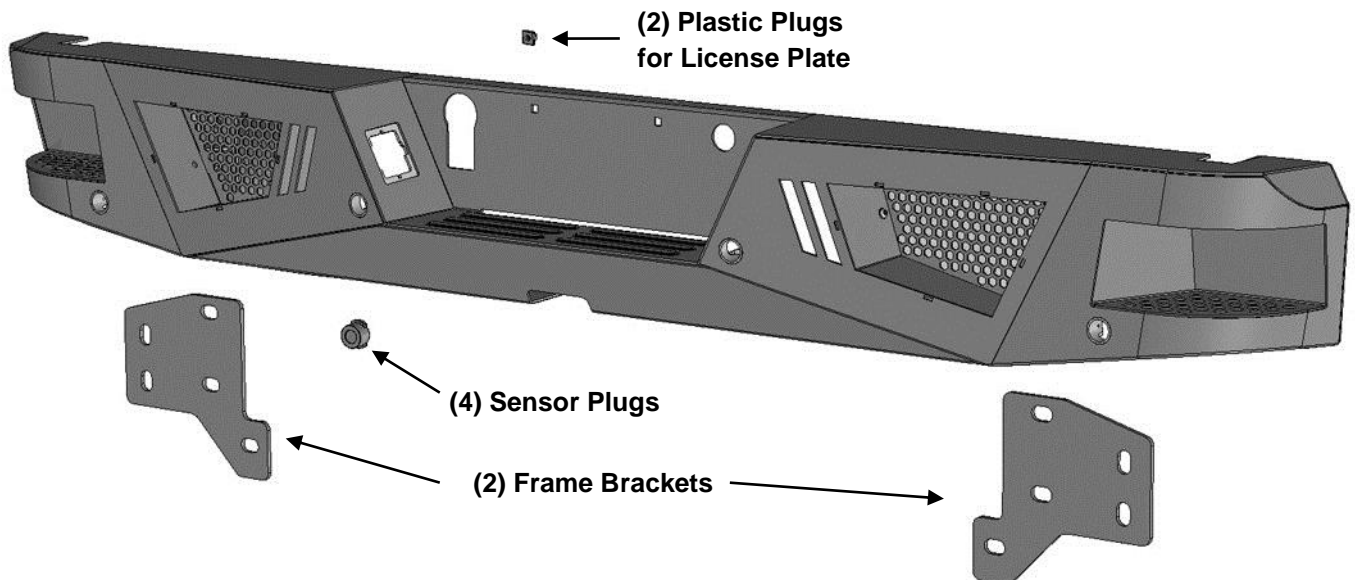
DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM 45 TO 65 FOOT POUND.



POLISHED STAINLESS STEEL - LIMITED LIFETIME
POWDER COATED BLACK - 3 YEARS

PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Rear Bumper Assembly	4	12mm Lock Washers
2	Mounting Brackets	6	12 mm Nylon Lock Nuts
4	Sensor Hole Plugs	8	4mm x 10mm Button Head Bolts
2	Plastic Plugs for license plate mount	1	4mm Wrench
6	12-1.75mm x 50mm Hex Bolts	1	6mm Wrench
4	12-1.75mm x 35mm Hex Bolts	10	Nylon Wire Ties
16	12mm x 37mm x 3mm Flat Washers		

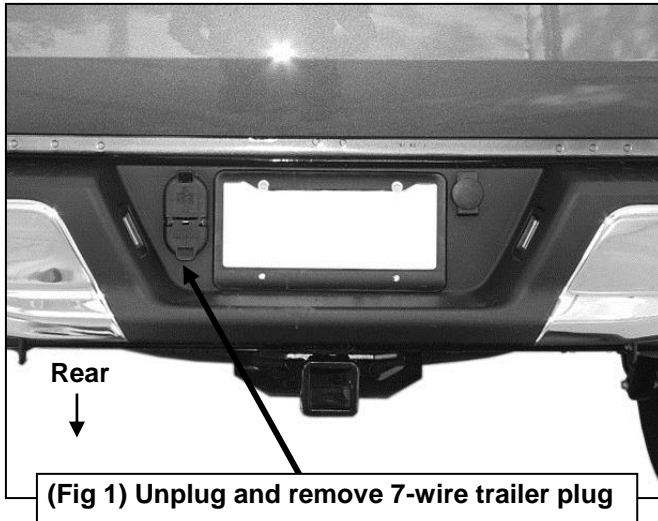


INSTALLATION PROCEDURE:

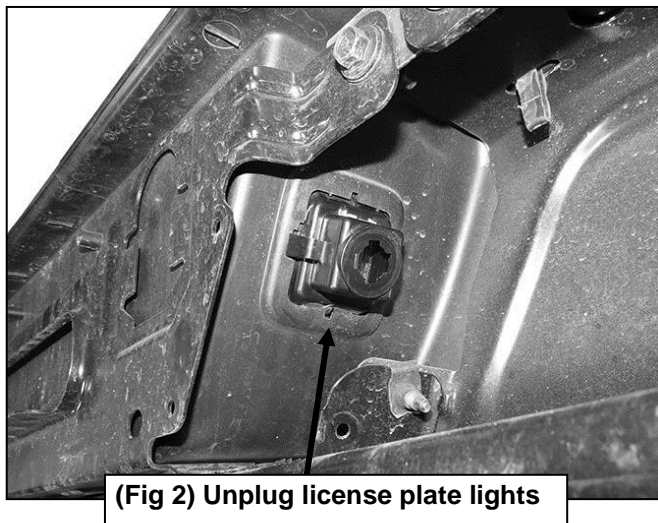
ASSISTANCE IS RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.

IMPORTANT: OEM "HD" RECEIVER HITCH INTEGRATED INTO FACTORY REAR BUMPER CANNOT BE REINSTALLED. INSTALLATION IS COMPATIBLE WITH OEM "MAX DUTY" HITCH AND MOST AFTERMARKET RECEIVER HITCHES.

1. Remove the license plate from the bumper, **(Figure 1)**. Next, unplug the license plate lights, trailer plug and sensors, (if equipped). Release the wiring harness from the clips attached to the back of the bumper. Move all wiring harnesses away from bumper. **NOTE:** Bumper is designed to be compatible with larger 7-wire universal trailer harness plug.

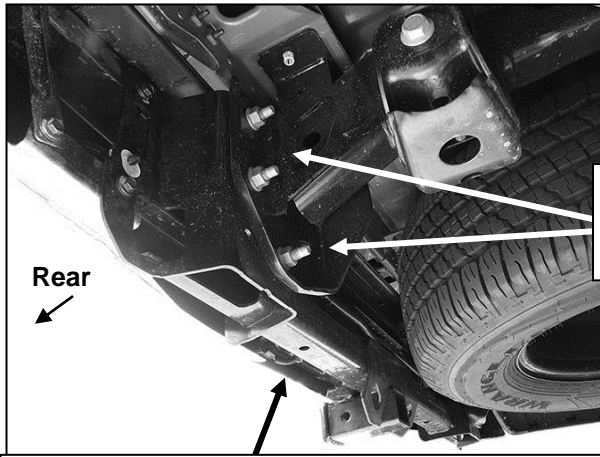


2. Next, release the clips holding the license plate lights in place and remove the lights, **(Figure 2)**. Release the clips securing the trailer plug and remove the plug.



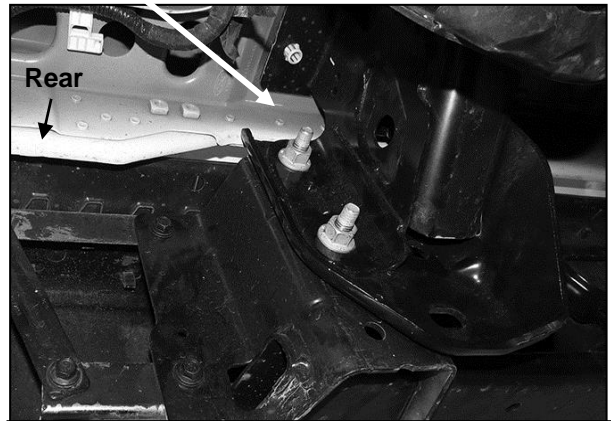
3. Place blocks or jack stands under the bumper to support it during mounting bolt removal. Once the bumper has been safely supported, remove the factory hardware attaching the bumper to the end of the frame and remove the bumper, **(Figures 3A, 3B & 4)**. **WARNING!** Assistance is required to hold the bumper in place during hardware removal to prevent bumper from falling.

IMPORTANT: On models with FORD "HD" tow package, the factory bumper features an integrated receiver hitch and it cannot be reinstalled with the replacement Bumper, **(Figure 3A)**. Bumper is compatible with models without receiver hitch, (standard tow package-**Figure 3B**), and with the FORD "MAX DUTY" tow package, (separate receiver hitch). Bumper is also compatible with most replacement receiver hitches.

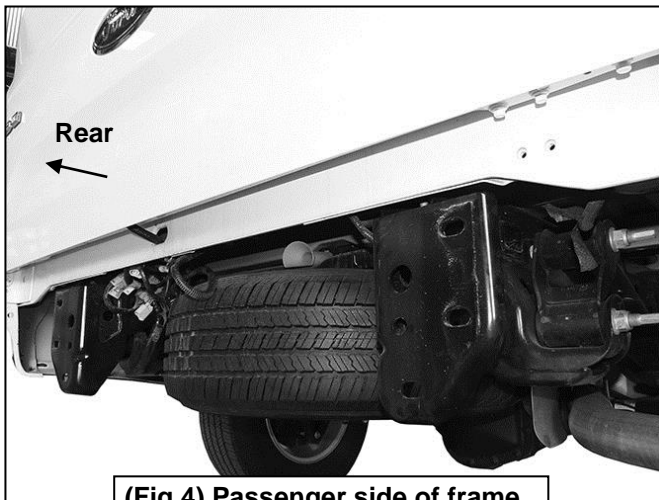


Remove the factory hex nuts attaching bumper assembly to frame

(Fig 3A) Note bumper with integrated receiver hitch



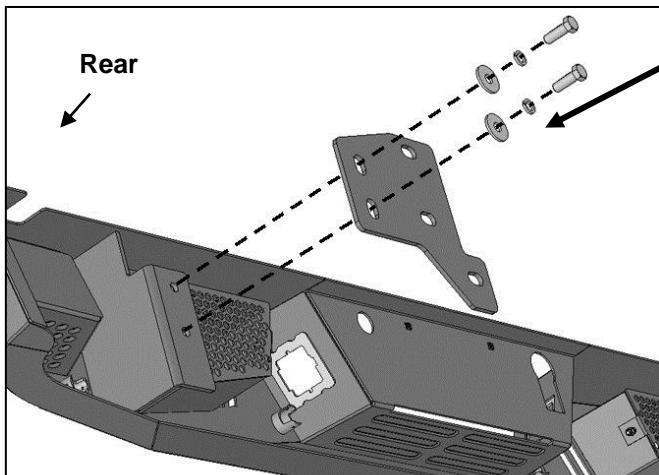
(Fig 3B) Remove the factory hex nuts attaching bumper assembly to frame. STD tow package model pictured (no receiver hitch)



(Fig 4) Passenger side of frame

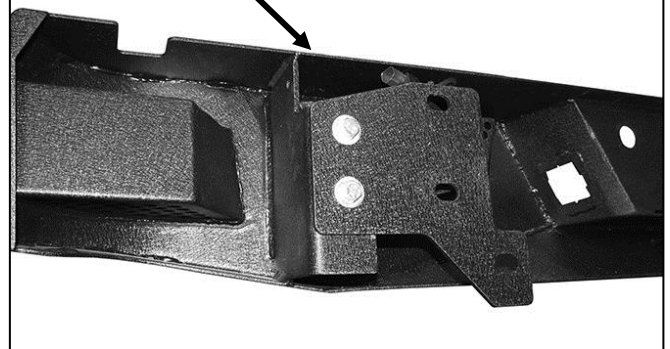
WARNING! Do not remove bumper bolts unless the bumper is properly supported on blocks or stands or the bumper may fall.

4. Select (1) Mounting Bracket, (Figure 5A). Attach the Bracket to the passenger side mounting plate on the back of the bumper with the included (2) 12mm x 35mm Hex Bolts, (2) 12mm Lock Washers and (2) 12mm Flat Washers, (Figures 5A & 5B). Snug but do not fully tighten at this time. Repeat this Step to attach the Mounting Bracket on the driver side.



(Fig 5A) Attach Mounting Bracket to back of Bumper

(2) 12mm x 35mm Hex Bolts
(2) 12mm Lock Washers
(2) 12mm Flat Washers

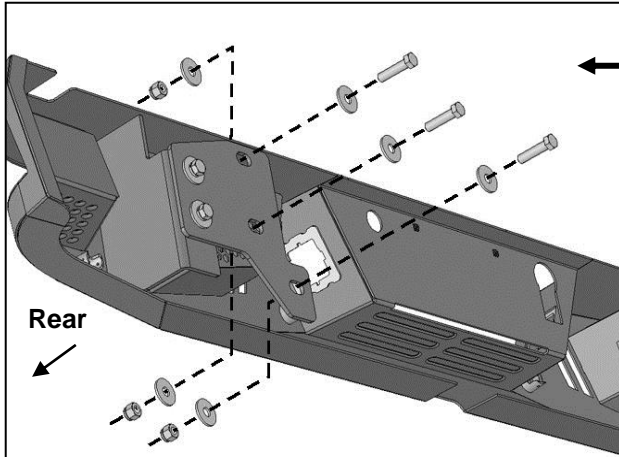


(Fig 5B) Frame Bracket on Bumper

5. With assistance, position the Bumper Assembly up to the mounting flanges on the end of the frame. Temporarily support the weight of the Bumper. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the bumper is fully and safely supported.

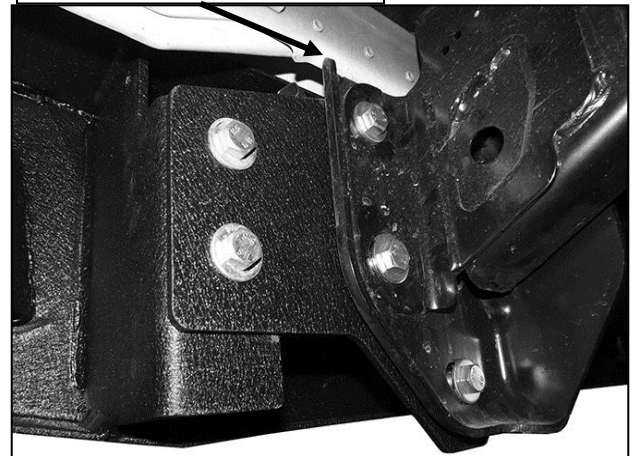
WARNING! Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.

6. Attach the Bumper Brackets to the ends of the frame with the included (6) 12mm x 50mm Hex Bolts, (12) 12mm Flat Washers and (6) 12mm Nylon Lock Nuts, **(Figures 6A & 6B)**. Do not tighten hardware.



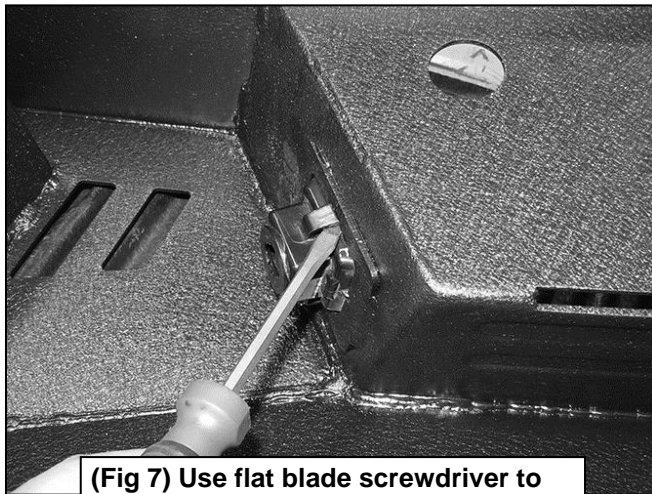
(Fig 6A) Attach Bumper w/Brackets to frame

- (3) 12mm x 50mm Hex Bolts**
(6) 12mm Flat Washers
(3) 12mm Nylon Lock Nuts



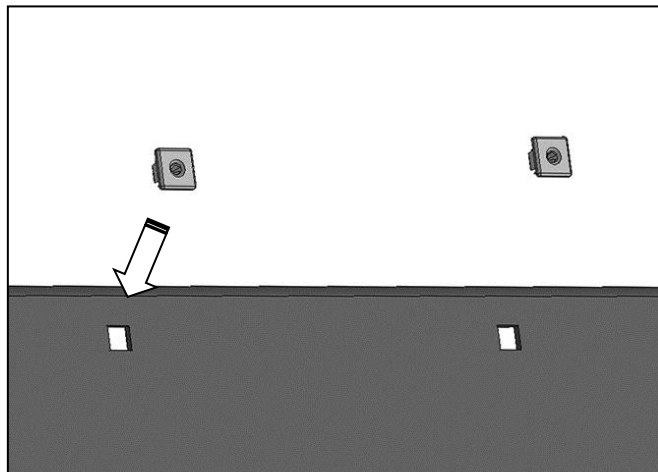
(Fig 6B) Attach Bumper w/Brackets to frame

7. Level and adjust the bumper and fully tighten all hardware including the Mounting Bracket to Bumper hardware.
8. Reinstall the license plate lights and trailer plug, **(Figure 7)**. **NOTE:** Use a flat blade screwdriver to carefully pry the metal clip on the plug out to grab the edge of the opening.



(Fig 7) Use flat blade screwdriver to carefully pry tab to hold light in place

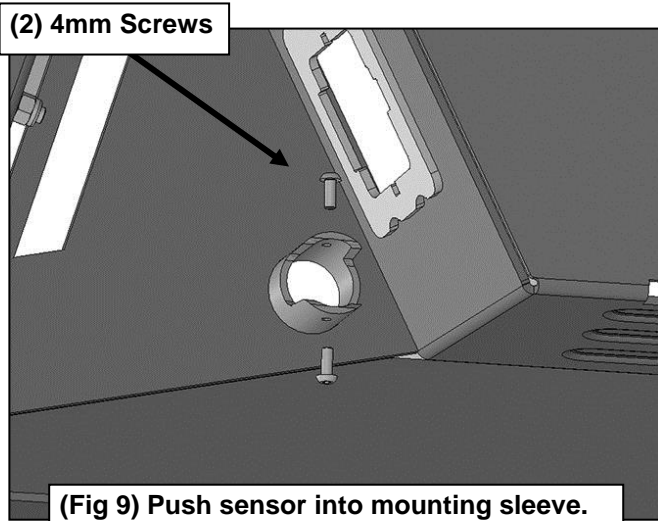
9. Use the included (2) push-in plugs to attach the license plate to the Bumper, **(Figure 8)**.



(Fig 8) Push plastic plugs into holes for license plate

10. Models with bumper mounted sensors:

- a. Remove the rubber plugs from the sockets in the bumper assembly. Push the sensor in from the back of the bumper. Secure each sensor to the socket with (2) 4mm x 10mm Button Head Screws, **(Figure 9)**. **IMPORTANT:** Sensors fit snug in sockets. The 4mm Screws are used to apply slight pressure to lock the sensors in place. Tighten both screws evenly until they touch the sensor body only. Do not overtighten screws or damage to sensors will result.



IMPORTANT: Sensors fit snug in sockets. The 4mm Screws are only used to apply slight pressure to lock the sensors in place. Tighten both screws evenly until they touch the sensor body only. Do not overtighten screws or damage to sensors will result.

- b. Reattach the factory wiring harness to sensors.

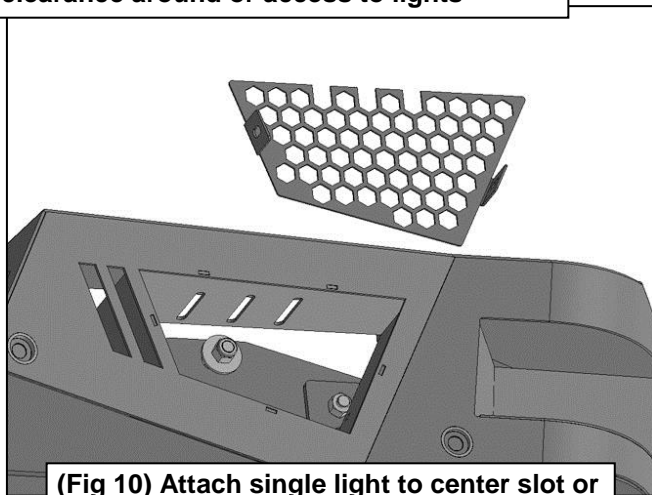
11. Attach the wiring harness to the lights and trailer plug.

12. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

13. **LED light installation at ends of bumper** as supplied with bumper or sold separately.

- a. Insert light into opening and up to mounting slots. Check for clearance between front and back of light. If necessary, remove the screen from the back of the opening for additional clearance or access to light, **(Figure 10)**.

Remove screens if necessary for additional clearance around or access to lights



- b. Follow the light manufacturer's instructions to attach (1) light to the center slot or (2) lights to the inner and outer slots in the top of the light opening.
- c. Repeat the above steps for passenger side light installation.
- d. Follow light manufacturer's instructions to properly wire the light.

14. Use the included Wire Ties to secure the wiring harness to the bumper and frame as necessary.

15. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Bumper assembly.

PRODUCT CARE

- Periodically check the product to ensure all fasteners are tight and components are intact.
- Regular waxing is recommended to protect the finish of the product.
- **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
- Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
- Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's

1. Hardware's are not of correct size.

In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.

2. Mounting Bracket are not getting Installed properly.

In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.

3. Products are thumping / rattling after installation.

Ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.

4. Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.

Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.

5. Missing / Excess Hardware.

Recheck hardware count as per the part list.

6. Product not installing properly.

Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

Check out these other TrailFX Products!!



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