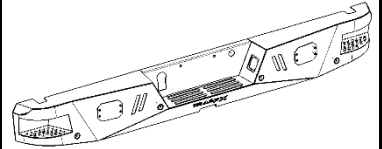




Rear LD Bumper

Part No. RLDB002TI



Fits: **2006-2014**

Ford F150



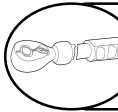
ASSISTANCE IS RECOMMENDED.



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.



60-180 min



Cutting Not Required



Drilling Not Required



support@trailfx.com



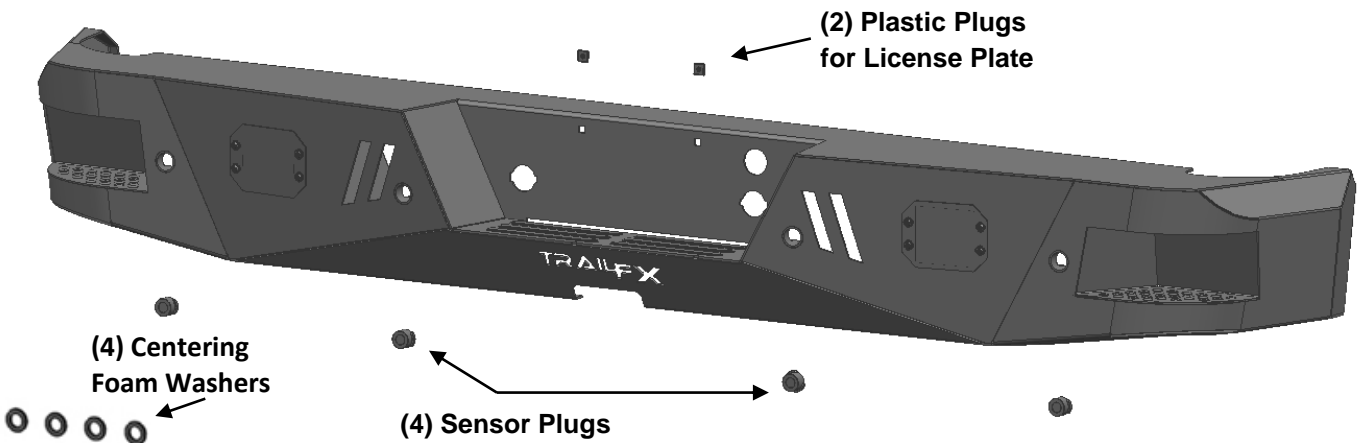
1 866 638 4870



WARRANTY
POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

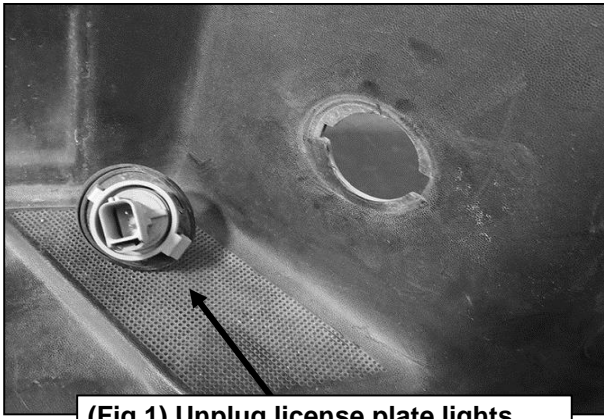
PARTS LIST:

| Qty | Part Description | Qty | Part Description |
|-----|---------------------------------------|-----|------------------------|
| 1 | Rear LD1 Bumper Assembly | 1 | 4mm Allen Wrench |
| 4 | Sensor Hole Plugs | 1 | 6mm Allen Wrench |
| 2 | Plastic Plugs for license plate mount | 4 | Centering Foam Washers |
| 10 | Nylon Wire Ties | 1 | Sensor Cover Kit |
| 8 | 4mm x 10mm Button Head Bolts | | |



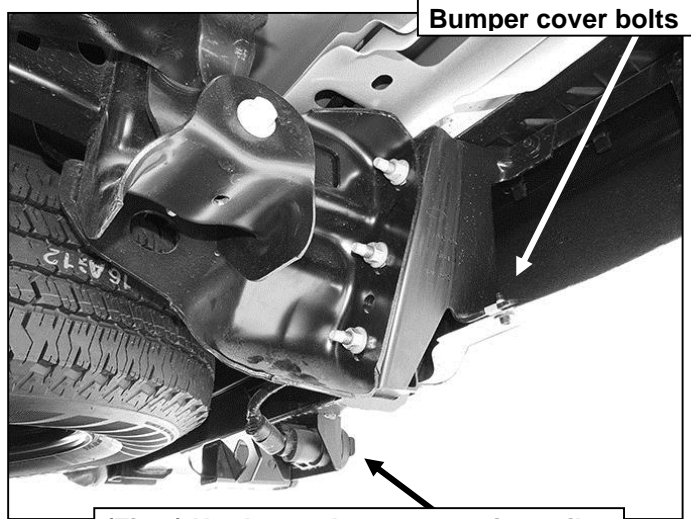
INSTALLATION PROCEDURE:**ASSISTANCE IS RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.****BUMPER IS DESIGNED TO INSTALL ON MODELS WITH FACTORY TOW HITCH ONLY.**

1. Release the clips attaching the license plate lights and remove the lights, **(Figure 1)**.
2. Remove the license plate from the bumper. 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, **(Figure 2)**. Move all wiring harnesses away from bumper.
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 hex bolts attaching the outer bumper to the inner reinforcement or tow hitch, **(Figure 2)**. With assistance, move outer bumper to a clean surface. Next, remove the (6) hex nuts attaching the inner reinforcement or tow hitch to the end of the frame, **(Figure 3)**.
4. Remove the long bolt plates from the inner reinforcement or tow hitch. Insert the bolt plates into the LD1 Bumper, **(Figure 4)**. On models with factory tow hitch, slide the hitch into position against the Bumper and bolt plates, **(Figure 5)**. With assistance, position the Bumper Assembly, (and hitch), up to the mounting flanges on the end of the frame, **(Figure 6)**. **NOTE:** Bumper reinforcement, (models without receiver hitch only), cannot be reinstalled. Bumper is designed to install with factory tow hitch only.
5. Reuse the factory hex nuts to attach the Bumper to the ends of the frame, **(Figure 6)**. Do not tighten hardware.
6. Level and adjust the bumper and fully tighten all hardware.
7. Slowly lower tailgate and check for clearance. Adjust Bumper height as necessary.
8. Reinstall the license plate lights and trailer plug.
9. Use the included (2) push-in plugs to attach the license plate to the Bumper, **(Figure 7)**.
10. **Models with bumper mounted sensors:**
 - a. Remove the rubber plugs from the sockets in the bumper assembly. Select (1) Foam Washer. Attach the Foam Washer onto the front of the sensor, **(Figure 8)**.
 - b. Push the sensor in from the back of the bumper until it is flush with the front of the Bumper, **(Figure 9)**. Center the sensor in the socket. 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.
 - c. Reattach the factory wiring harness to sensors.
11. Attach the wiring harness to the lights and trailer plug.
12. **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)**.
 - 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.
13. Use the included Wire Ties to secure the wiring harness to the bumper and frame as necessary.
14. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



(Fig 1) Unplug license plate lights

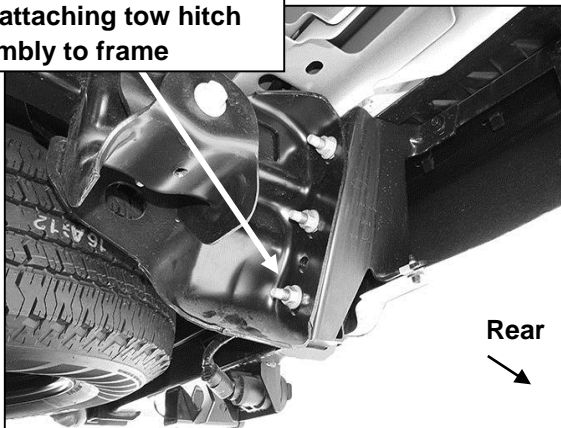
WARNING! Do not remove bumper bolts unless the bumper is properly supported on blocks or stands or the bumper may fall.



Bumper cover bolts

(Fig 2) Unplug and remove 7-wire trailer plug and bumper sensors if equipped

Once cover is removed, remove the (3) factory hex nuts attaching tow hitch assembly to frame



Rear

(Fig 3) Remove (3) hex nuts per side to remove bumper reinforcement or receiver hitch

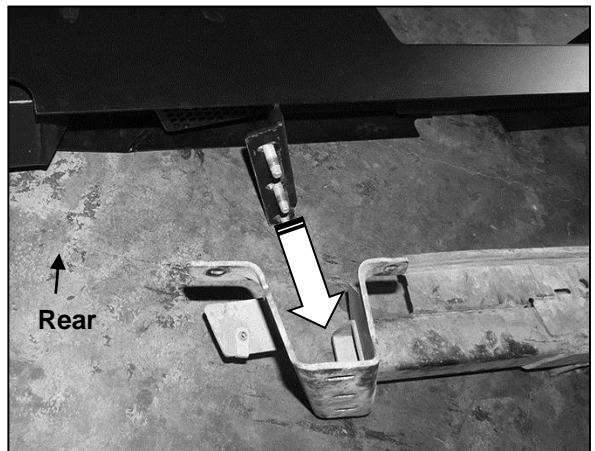


Rear

(Fig 4) On models without received hitch, reuse triple bolt plate to attach bumper to ends of frame

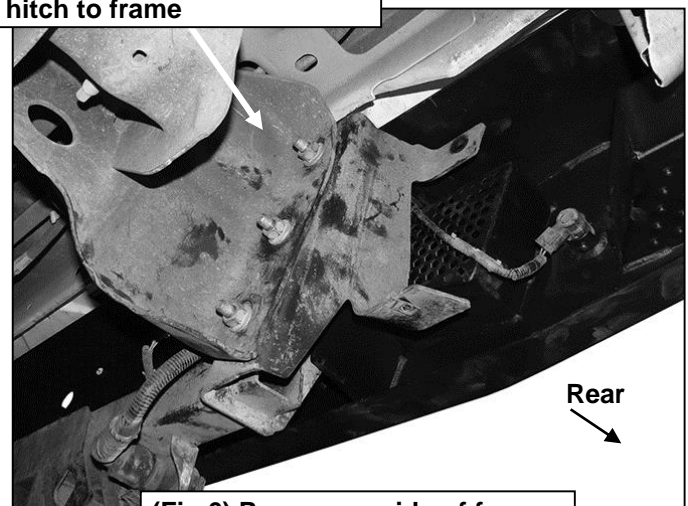
WARNING! Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.

Reuse factory hex nuts to attach Bumper and receiver hitch to frame



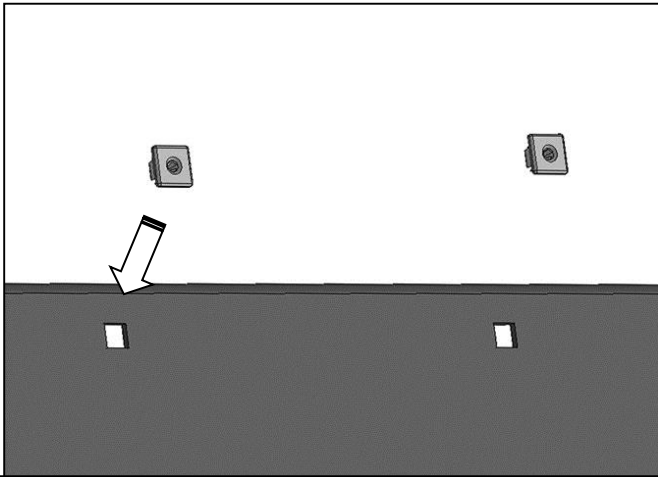
Rear

(Fig 5) On models with factory receiver hitch, slide Bumper up against the hitch. Insert triple bolt plates through bumper and hitch



Rear

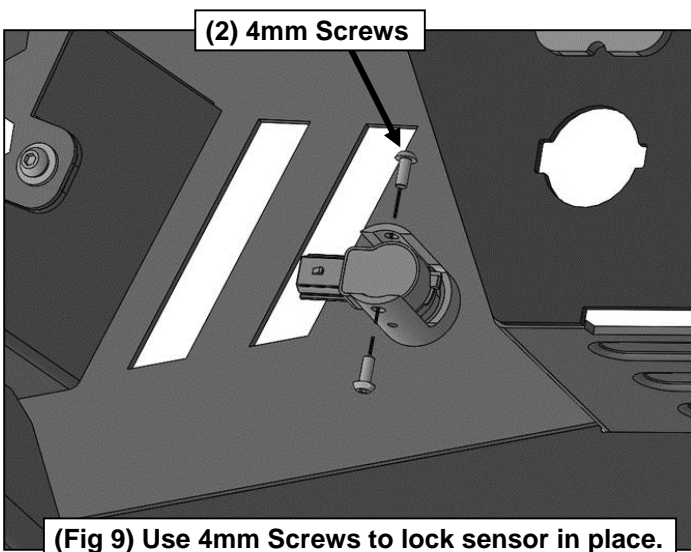
(Fig 6) Passenger side of frame



(Fig 7) Push plastic plugs into holes for license plate



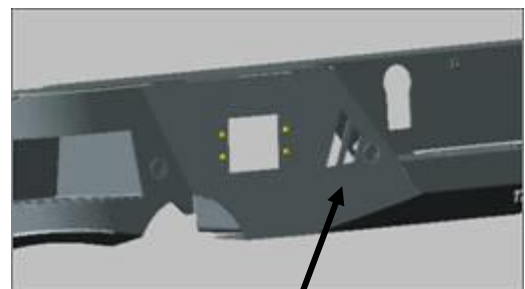
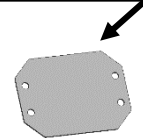
(Fig 8) Attach Foam Washer onto front of sensor.



(Fig 9) Use 4mm Screws to lock sensor in place.

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.

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



(Fig 9) Attach single light to center slot or use inner and outer slots for dual lights

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.

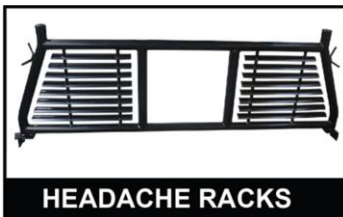
Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

Check out these other TrailFX Products!!

www.TrailFX.com



SIDE BAR



HEADACHE RACKS



RUNNING BOARDS



ROCKER GUARDS

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