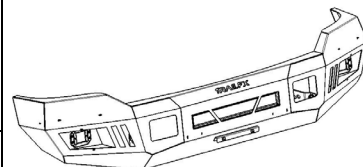




# HD Front Bumper

## Part No. FHDNW006TI



Fits: **2017 – Current Ford F250/350 Superduty**



ASSISTANCE IS HIGHLY RECOMMENDED



60-180 min



CUTTING MAY BE REQUIRED



DRILLING NOT REQUIRED



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



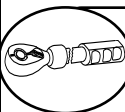
support@trailfx.com



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



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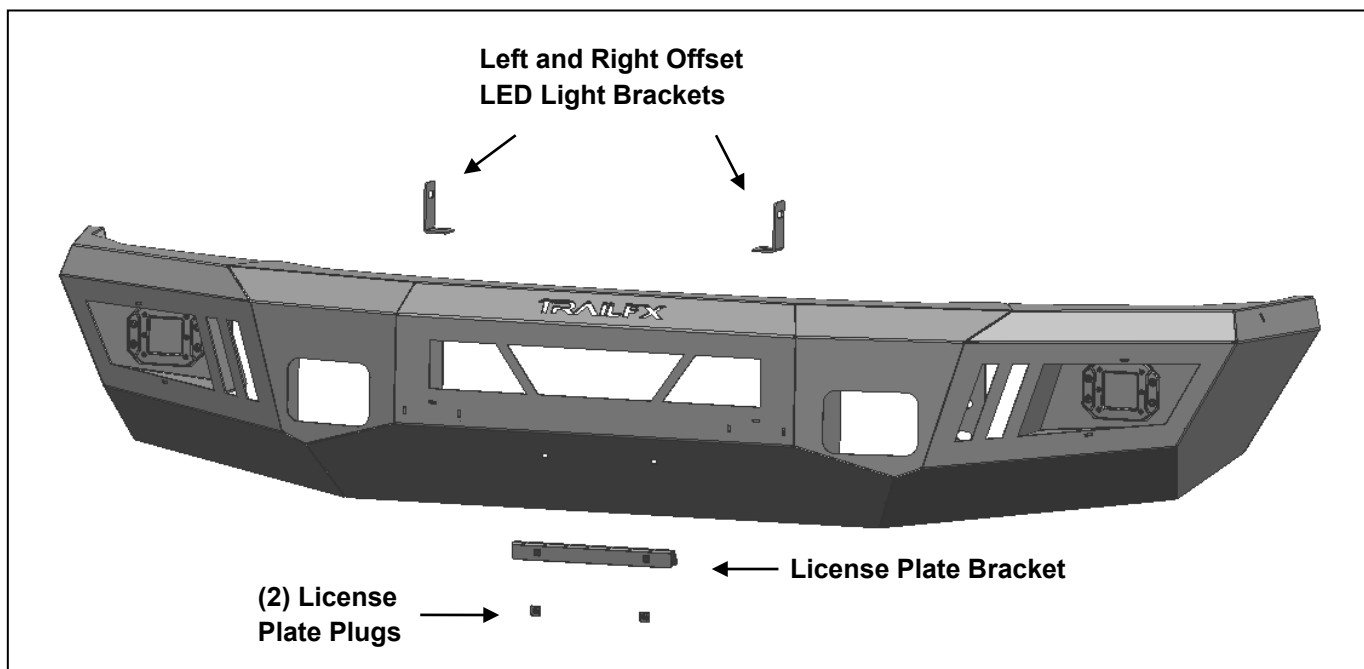
DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM **45 TO 65** FOOT POUND.



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

### PARTS LIST:

Qty	Part Description	Qty	Part Description
1	LD1 Front Bumper Assembly	6	8mm x 24mm x 2mm Flat Washers
2	Plastic Plugs for license plate mount	4	8mm Lock Washers
1	License Plate Bracket	2	8mm Hex Nuts
1	Offset Left LED Bracket	2	6mm x 20mm Button Head Screw
1	Offset Right LED Bracket	4	6mm x 18mm x 1.6mm Flat Washers
2	8-1.25mm x 25mm Hex Bolts	2	6mm Nylon Lock Nut
2	8-1.25mm x 16mm Hex Bolts	1	Wrench



**PROCEDURE:**

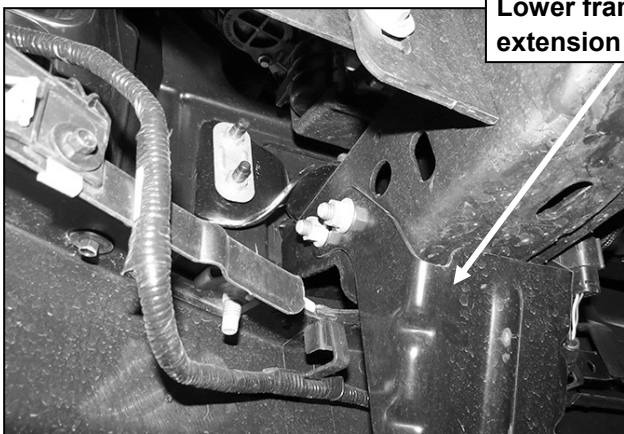
**BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.**

1. Remove the license plate and bracket. On models with factory fog lights, unplug the harness leading to the front bumper. **(Figure 1)**. Move harness away from bumper.
2. Remove the driver/left bumper support attached to the bumper frame bracket and outer end of the bumper, **(Figure 2)**. Repeat this Step to remove the passenger/right side bumper support
3. Remove the plastic covers surrounding the tow hooks to uncover the bumper bolts, **(Figures 3 & 4)**.
4. Place blocks or jack stands under the front bumper to support it during mounting bolt removal. Once the bumper has been safely supported, remove the factory bumper bolts, **(Figure 4)**.

**WARNING!** Assistance is required to hold the bumper in place during bolt removal to prevent the bumper from falling. Carefully slide the bumper off over the tow hooks, **(Figure 5)**.

5. **Optional Center LED light installation** (sold separately). **NOTE:** Lights may also be installed after Bumper has been installed.
  - a. Select the L/R "L" Brackets, **(Figures 6 & 7)**. **NOTE:** "L" Brackets are offset for universal fitment for most LED bar style lights. Attach the brackets to the top of the (2) tabs on the back of the Bumper with the included 8mm x 25mm Hex Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts, **(Figure 6)**. Do not fully tighten hardware at this time.
  - b. Attach the LED light assembly to the "L" Brackets with the included (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 7)**. Do not fully tighten hardware at this time. **NOTE:** "L" Brackets may require modification for hardware larger than 8mm or use brackets supplied with light if possible.
  - c. Adjust light position and tighten hardware.
  - d. Follow light manufacturer's instructions to wire the light to the vehicle's electrical system once Bumper has been fully installed.
6. **LED light installation at ends of bumper** (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 plates from the back of the openings, **(Figure 8)**.
  - b. Follow the light manufacturer's instructions to attach each light to slot in the top of the light opening, **(Figure 8)**. **NOTE:** On two light systems, attach the flood light to the outer slot and the spot light to the inner slot.
  - c. Repeat the above steps for passenger side light installation.
  - d. Follow light manufacturer's instructions to properly wire the light to the vehicle electrical system.
7. With assistance, carefully position the Bumper Assembly up to the factory bumper brackets. 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.
8. Reuse the factory bumper mounting hardware to attach the Bumper assembly to the bumper brackets, **(Figures 9 & 10)**. Do not fully tighten hardware at this time.
9. Level and adjust the bumper and fully tighten all hardware.
10. If front license plate is required, attach the License Plate Bracket to the holes in the bumper with the included (2) 6mm x 20mm Button Head Screws, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, **(Figure 11)**. Insert (2) Plastic Plugs into the square holes in the Bracket. Reuse the factory screws to attach the license plate to the plastic plugs, **(Figure 11)**.
11. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

### Driver/left Side Installation Pictured



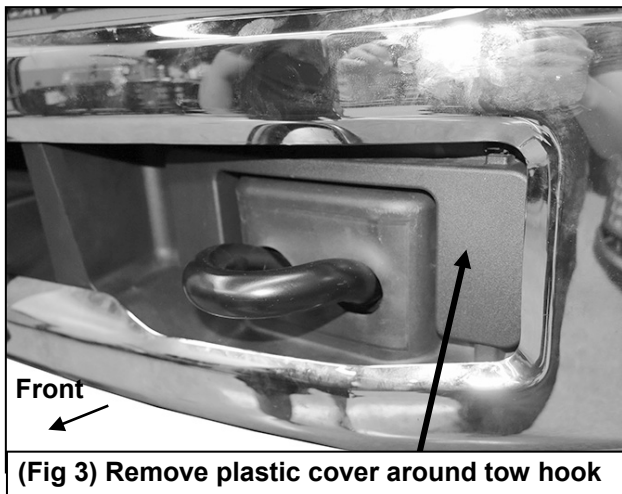
Lower frame extension

(Fig 1) Driver side lower frame extension and fog light wire harness pictured from behind bumper



Remove hardware attaching bumper support brackets to frame

(Fig 2) Remove outer bumper support



Front

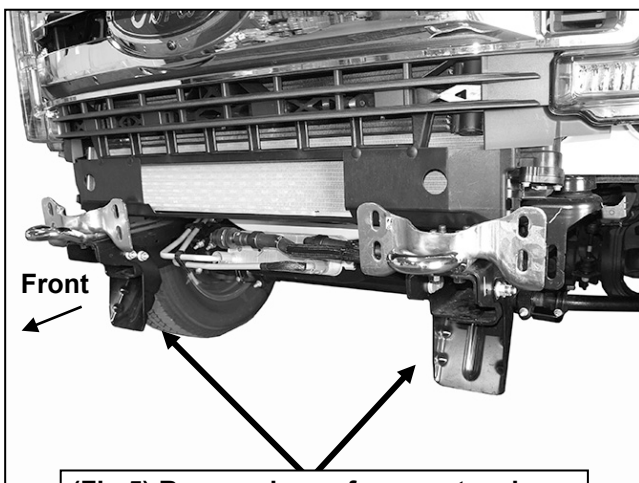
(Fig 3) Remove plastic cover around tow hook



Bolts

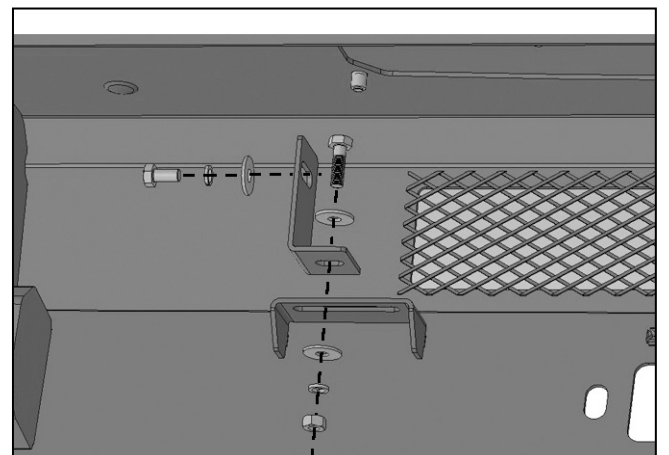
(Fig 4) Remove bumper bolts (driver side pictured)

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



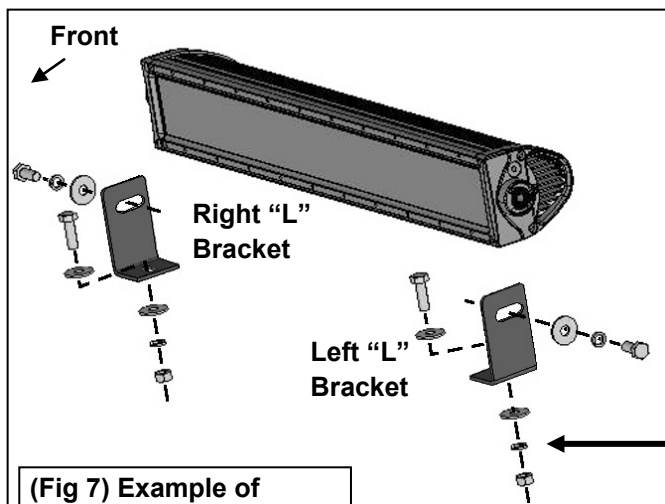
Front

(Fig 5) Remove lower frame extensions from bottom of frame (optional)



(Fig 6) Universal LED Brackets (light not included)

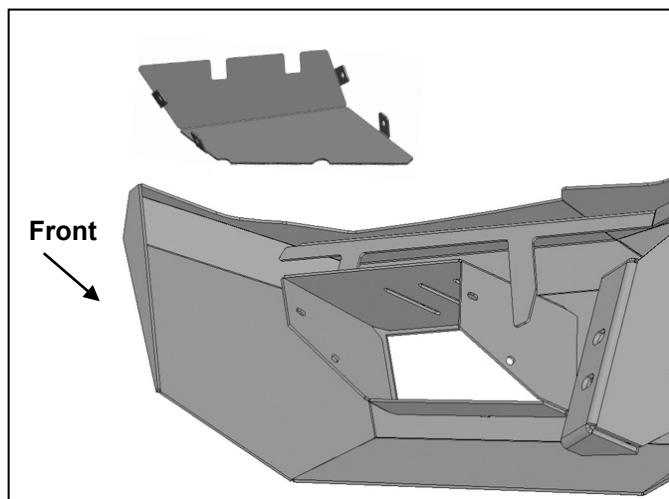
Driver/left Side Installation Pictured



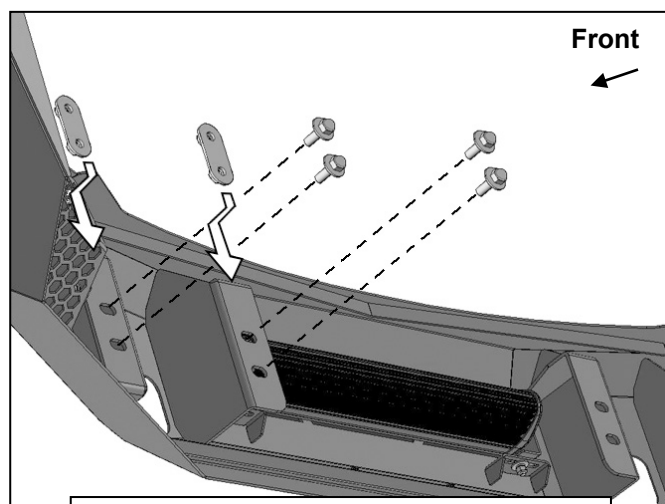
(Fig 7) Example of center light installation

- (2) 8mm x 16mm Hex Bolts
- (2) 8mm Lock Washers
- (2) 8mm Flat Washers

- (2) 8mm x 25mm Hex Bolts
- (4) 8mm Flat Washers
- (2) 8mm Lock Washers
- (2) 8mm Hex Nuts



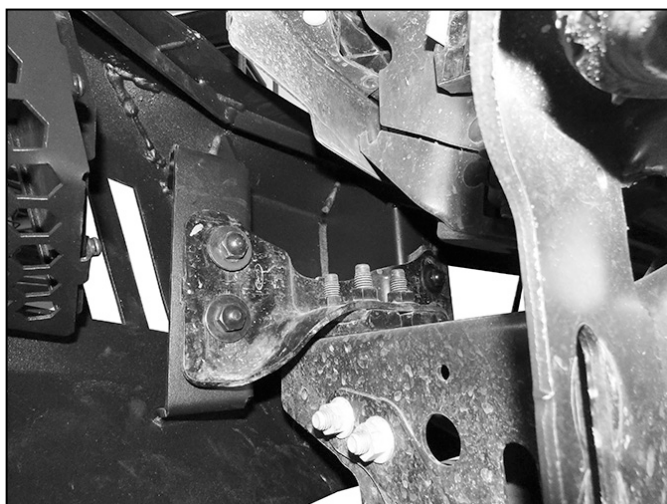
(Fig 8) Before installing Bumper, check for clearance around lights (not included). Remove plates for additional access or to clear lights as needed



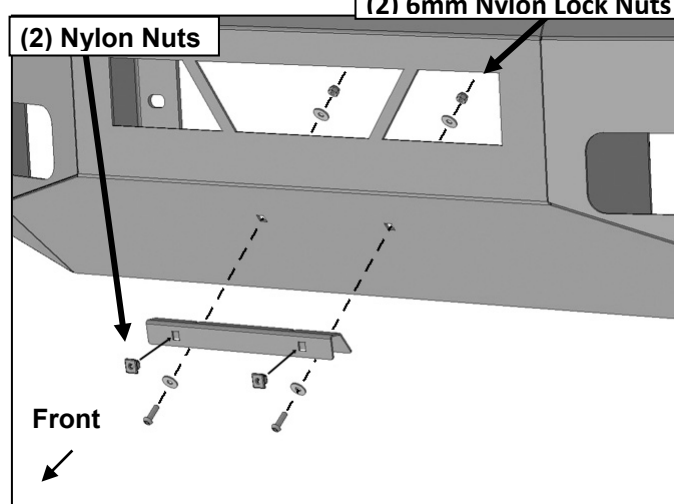
(Fig 9) Reuse factory bumper bolts and double nut plates to attach Bumper assembly to factory brackets. Driver/left side of Bumper and Bracket illustrated

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

- (2) 6mm x 20mm Button Head Screws
- (4) 6mm Flat Washers
- (2) 6mm Nylon Lock Nuts



(Fig 10) Driver/left side of Bumper and Bracket



(Fig 10) Attach License Plate Bracket to Bumper

**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.*

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**RUNNING BOARDS**



**ROCKER GUARDS**

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