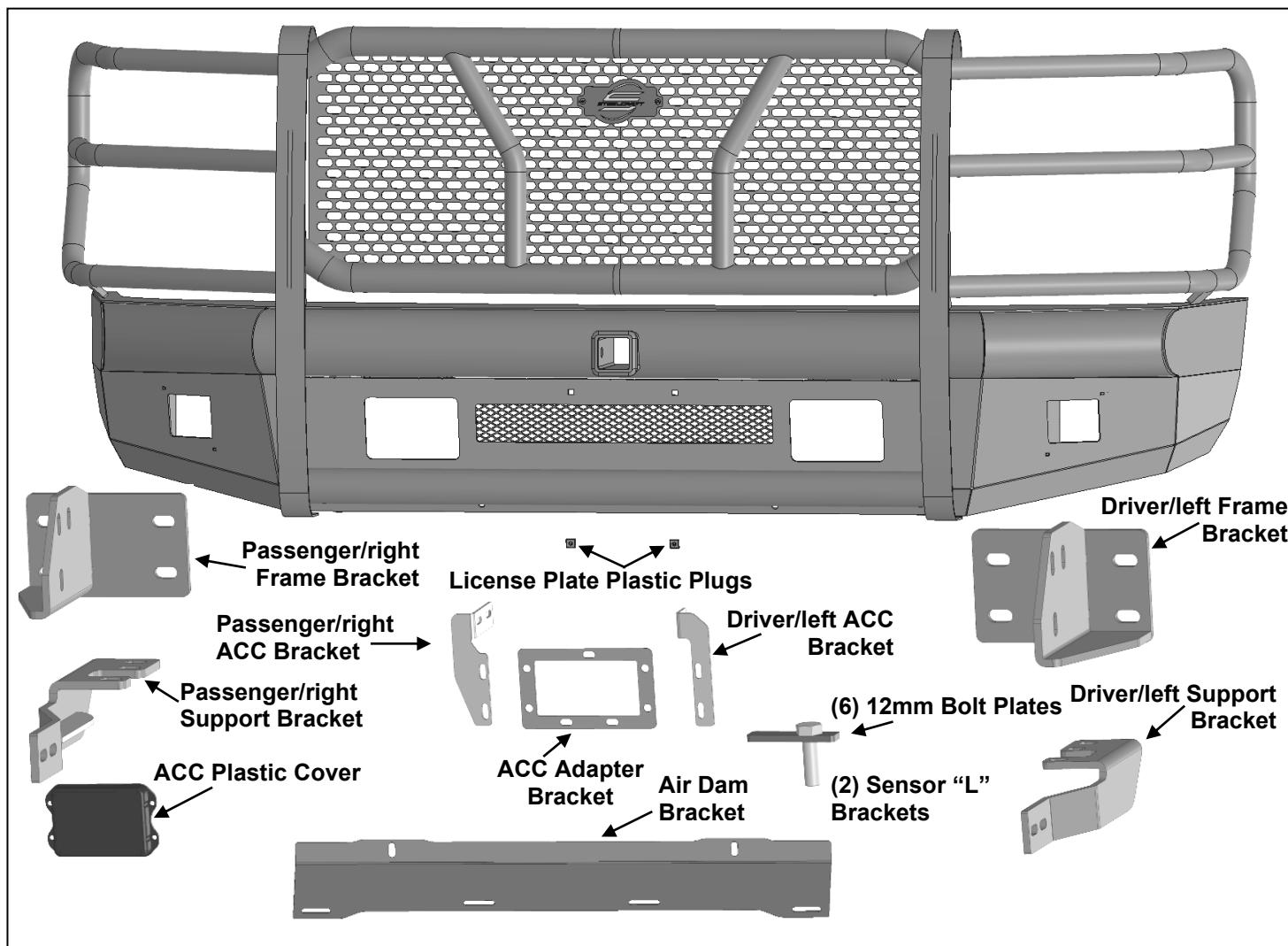


**HEAVY DUTY REPLACEMENT FRONT BUMPER
2015-25 FORD E-SERIES VAN**

PARTS LIST:

1	HD Bumper	42	12mm x 32mm X 3mm Flat Washers
1	Passenger/right Frame Bracket	24	12mm Lock Washers
1	Driver/left Frame Bracket	24	12mm Hex Nuts
1	Passenger/right Support Bracket	2	8mm x 25mm Hex Bolts
1	Driver/left Support Bracket	4	8mm x 24mm Flat Washers
1	Passenger/right ACC Bracket	2	8mm Nylon Lock Nuts
1	Driver/left ACC Bracket	7	6mm x 25mm Hex Bolts
1	ACC Adapter Bracket	7	6mm x 25mm Button Head Allen Bolts
1	ACC Plastic Cover	16	6mm x 18mm x 1.6mm Flat Washers
1	Air Dam Bracket	8	6mm x 22mm Large Flat Washers
2	Plastic Plugs for License Plate Mount	14	6mm Lock Washers
6	12mm x 40mm Bolt Plates	14	6mm Hex Nuts
18	12mm x 50mm Hex Bolts	1	Allen Wrench



HEAVY DUTY REPLACEMENT FRONT BUMPER 2015-25 FORD E-SERIES VAN

PROCEDURE:

REMOVE CONTENTS FROM PACKAGING. SOME PARTS ARE SMALL AND WILL BE HIDDEN IN WRAPPINGS. VERIFY ALL PARTS ARE PRESENT AND DO NOT DISCARD PACKAGING UNTIL INSTALLATION IS COMPLETE. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.

1. From underneath the van, remove the OE air dam, if equipped, (**Figure 1**).
2. Unplug the Adaptive Cruise Control/Forward Collision Warning sensor (ACC/FCW) on the OE bumper, if equipped. 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 (4) factory bumper bolts, (**Figure 2**). **WARNING!** Assistance is required to hold the bumper in place during bolt removal to prevent the bumper from falling.
3. On the Driver/left side, underneath the frame rail, drill a $\frac{1}{2}$ " hole in the two existing holes as shown (**Figure 3**). Repeat to the Passenger/right side.
4. Slide (2) 12mm Bolt Plates through the Driver/left frame rail and drop them through the newly enlarged holes. Slide (1) additional 12mm Bolt Plate through the larger existing hole toward the rear of the frame rail (**Figure 4**).
5. Select the Driver/left Support Bracket and attach it to the bottom of the frame rail using (3) 12mm Flat Washers, (3) 12mm Lock Washers, and (3) 12mm Hex Nuts, (**Figure 5 & 6**).
6. Select the driver/left Frame Bracket, (**Figure 7**). Place the Frame Bracket in front of the end frame. Line up the slots in the Bracket with the holes on the frame. Select (4) 12mm Hex Bolts and (4) Flat Washers. Insert the Hex Bolts and Flat Washers into the Frame Bracket and out through the frame rail. Secure Frame Bracket to frame rail using (4) 12mm Flat Washers, (4) 12mm Lock Washers and (4) 12mm Hex Nuts, (**Figure 7 & 8**). Leave hardware loose at this time.
7. Attach the top of the Bracket to the frame with the included (4) 12mm x 50mm Hex Bolts, (8) 12mm Flat Washers, (4) 12mm Lock Washers and (4) 12mm Hex Nuts, (**Figure 7 & 8**). Leave hardware loose.
8. Repeat **Steps 4-7** to install the passenger/right Frame and Support Bracket.
9. Determine if the vehicle is equipped with Adaptive Cruise Control or Forward Collision Warning-
Vehicles without ACC/FCW, skip to **Step 10**.

All Models with Adaptive Cruise Control/Forward Collision Warning.

- a. Detach the ACC/FCW module from the bumper OE brackets and set it aside (**Figure 9**).
- b. Select the Passenger/right and Driver/left ACC brackets and secure them to the bumper using (3) 6mm Hex Bolts, (6) 6mm x 18mm Flat Washers, (3) 6mm Lock Washer, and (3) 6mm Hex Nuts, (**Figure 10**). Do not tighten hardware.
- c. Attach sensor module to **back** of ACC Adapter Bracket using (3) 6mm Button Head Bolts, (6) 6mm x 18mm Flat Washers, (3) Lock Washers, and (3) 6mm Hex Bolts, (**Figure 11**).
- d. Secure the ACC assembly and ACC Plastic Cover to the ACC Brackets from **Step "a"** using (4) 6mm x 25mm Button Head Bolts, (4) 6mm x 18mm Flat Washers, (4) 6mm Lock Washers, and (4) 6mm Hex Nuts, (**Figure 12**).
- e. Completed installation of ACC/FCW, (**Figure 13**).

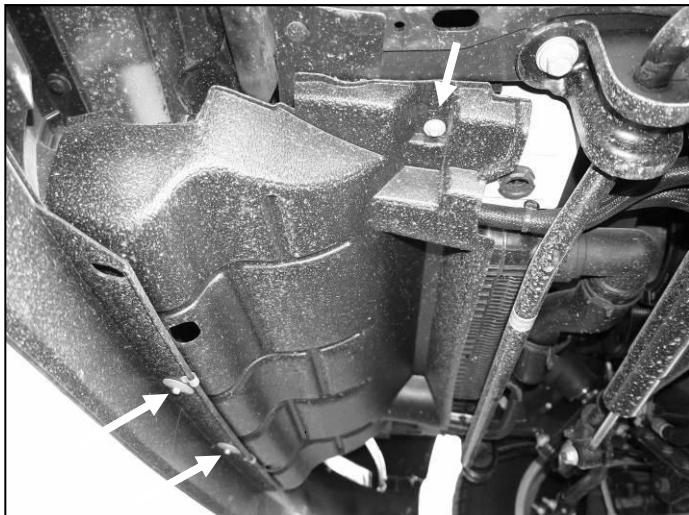
10. With assistance, carefully position the Bumper Assembly up to the Frame Brackets. Temporarily support the weight of the Bumper. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the bumper is fully and safely supported.
11. Line up the (5) holes in the driver/left side of the Bumper with the (3) holes in the Frame Bracket and (2) holes in the Support Bracket. Attach the Bumper to the Frame Bracket and Support Bracket with the included (5) 12mm x 50mm Hex Bolts, (10) 12mm Flat Washers, (5) 12mm Lock Washers and (5) 12mm Hex Nuts, (**Figure 14 & 15**). Do not fully tighten hardware at this time.
Repeat to attach the passenger/right side of the Bumper to the Frame and Support Bracket.
12. Level and adjust the Bumper and fully tighten all 12mm hardware to 65-70ft-lbs.
13. If equipped with OE air dam, attach Air Dam Bracket to the bottom of the Bumper using (2) 8mm Bolts, (4) 8mm Flat Washers and (2) 8mm Nylon Lock Nuts (**Figure 16**). Then, attach the rear of the plastic air dam to the vehicle re-using the factory hardware. Finally, connect the two with the remaining 6mm hardware.

HEAVY DUTY REPLACEMENT FRONT BUMPER 2015-25 FORD E-SERIES VAN

14. Use the included (2) Plastic License Plate Plugs to attach the license plate, (if required), to the Bumper, **(Figure 17)**.
15. Reattach the factory wiring harness between bumper and vehicle, if equipped.
16. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

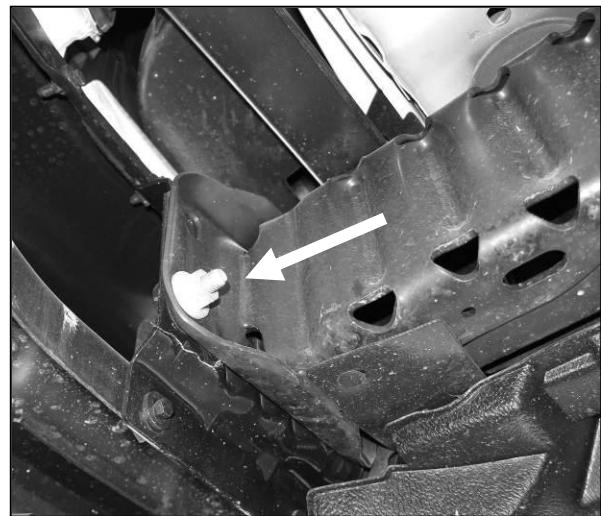
To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the HD Front Bumper assembly.

Driver/left Side Installation Pictured

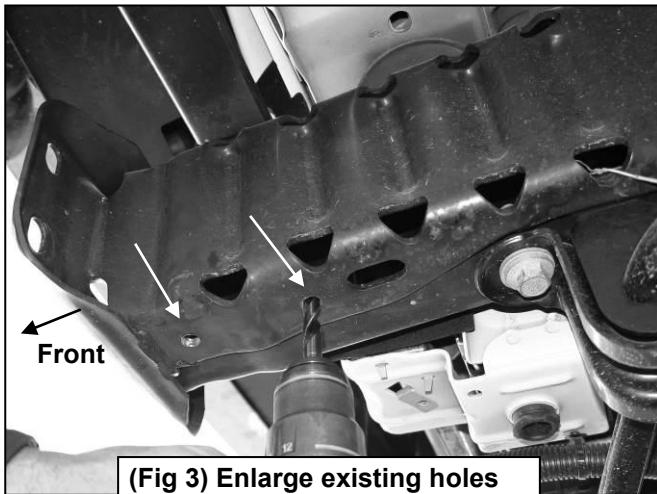


(Fig 1) Remove OE air dam, if equipped

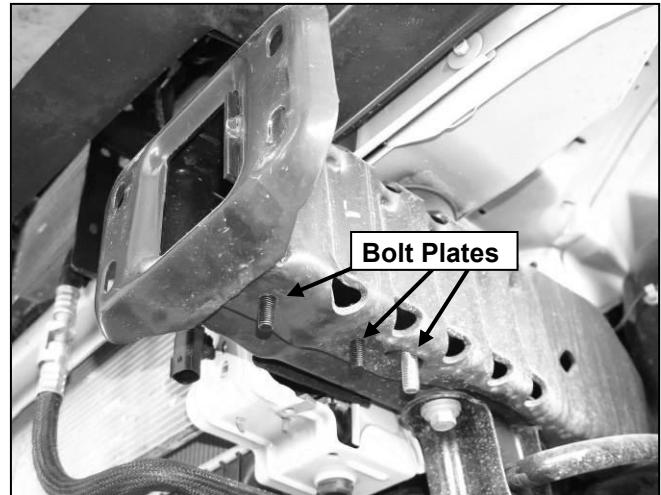
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.



(Fig 2) Remove bumper by removing OE nuts

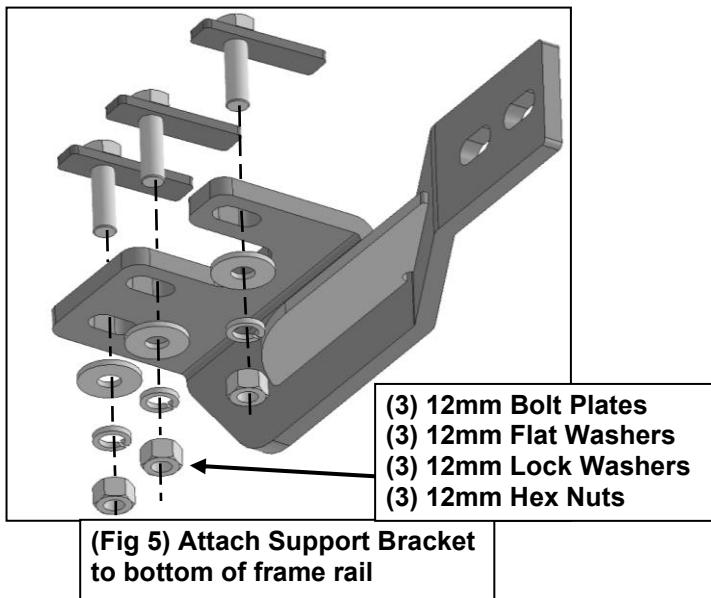


(Fig 3) Enlarge existing holes underneath the frame rail to $\frac{1}{2}$ "

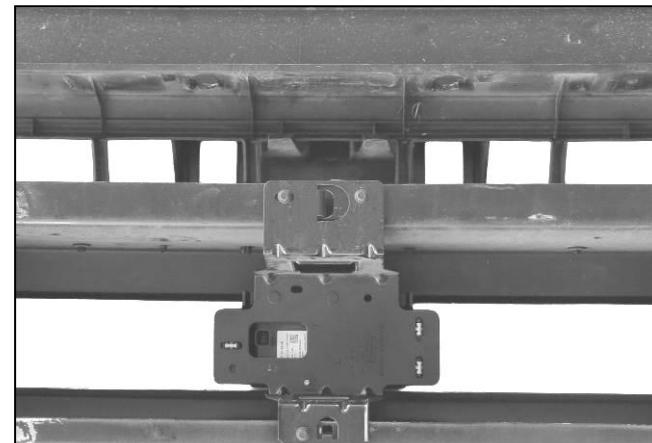
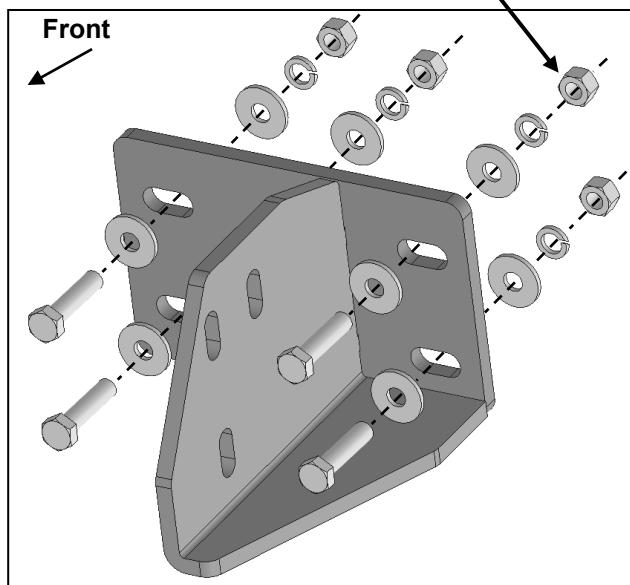


(Fig 4) Insert Bolt Plates through the frame rail

**HEAVY DUTY REPLACEMENT FRONT BUMPER
2015-25 FORD E-SERIES VAN**
Driver/left Side Installation Pictured



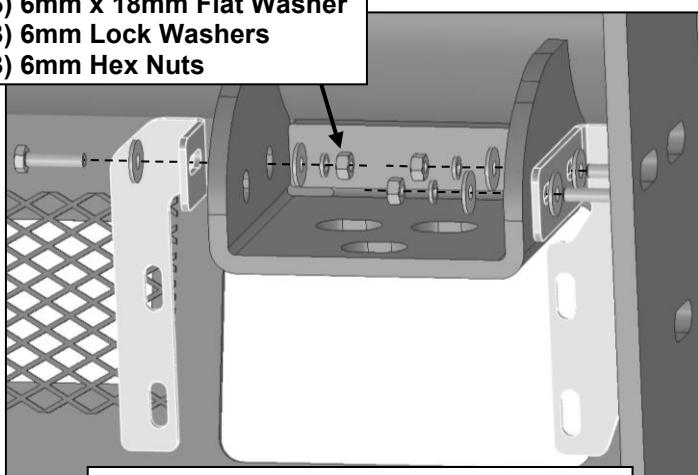
**(4) 12mm x 50mm Hex Bolts
(8) 12mm Flat Washers
(4) 12mm Lock Washers
(4) 12mm Hex Nuts**



HEAVY DUTY REPLACEMENT FRONT BUMPER 2015-25 FORD E-SERIES VAN

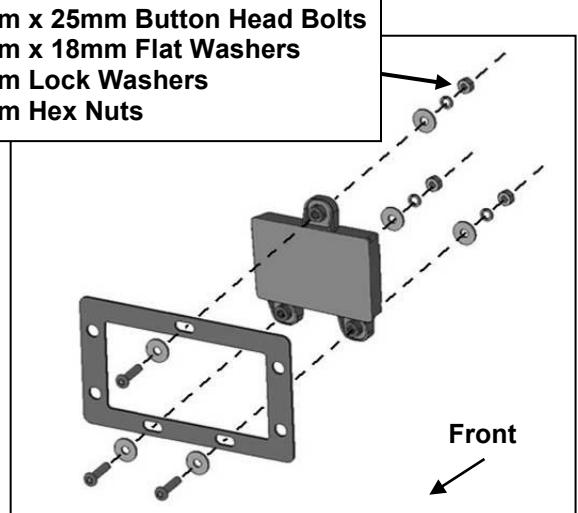
Driver/left Side Installation Pictured

- (3) 6mm x 25mm Hex Bolts
- (6) 6mm x 18mm Flat Washers
- (3) 6mm Lock Washers
- (3) 6mm Hex Nuts



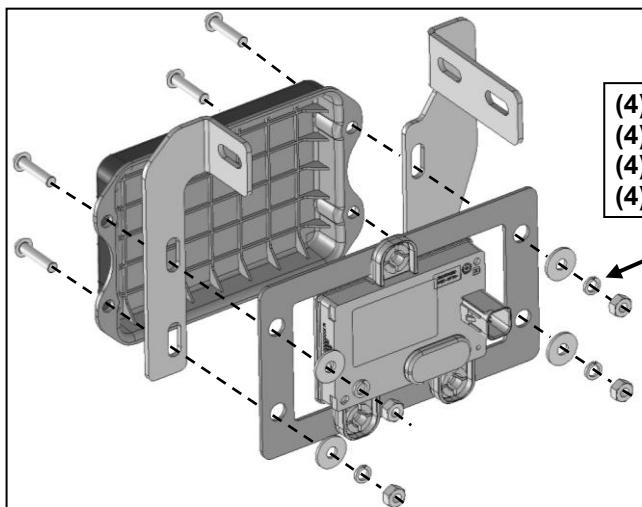
(Fig 10) Attach ACC Brackets to Bumper

- (3) 6mm x 25mm Button Head Bolts
- (6) 6mm x 18mm Flat Washers
- (3) 6mm Lock Washers
- (3) 6mm Hex Nuts



(Fig 11) Attach ACC module to back of Adapter Bracket

- (4) 6mm x 25mm Button Head Bolts
- (4) 6mm x 18mm Flat Washers
- (4) 6mm Lock Washers
- (4) 6mm Hex Nuts



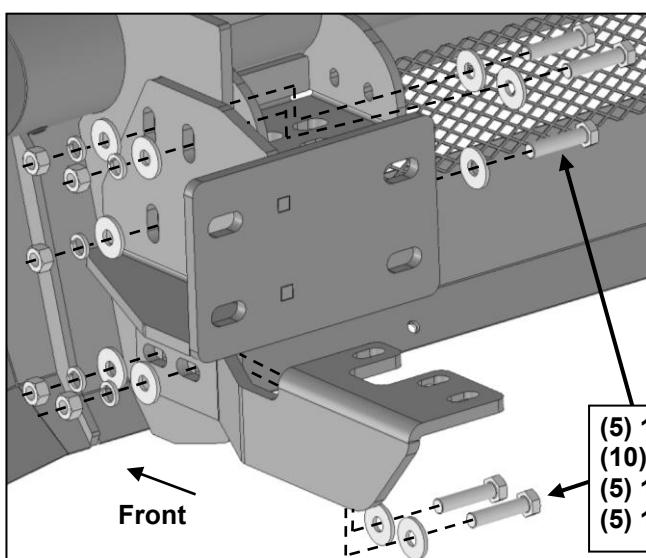
(Fig 12) Secure ACC assembly and ACC Plastic Cover to the ACC Brackets

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



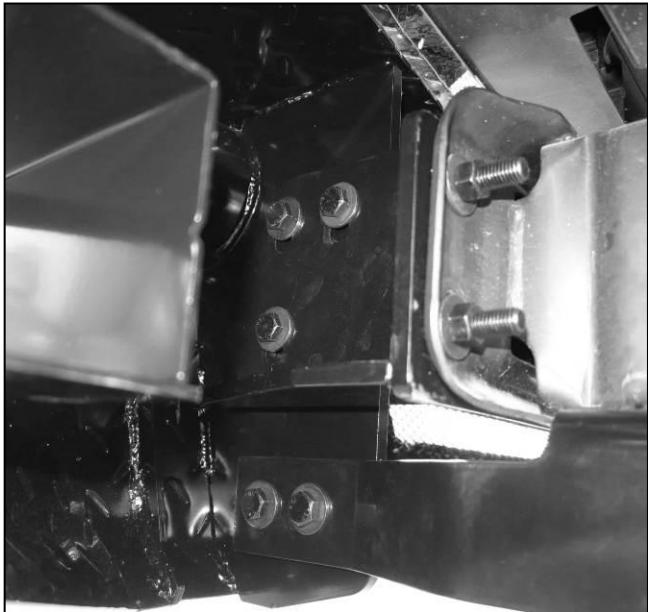
(Fig 13) ACC module secured to bumper

- (5) 12mm Hex Bolts
- (10) 12mm Flat Washers
- (5) 12mm Lock Washers
- (5) 12mm Hex Nuts



(Fig 14) Secure Frame and Support Bracket to Bumper

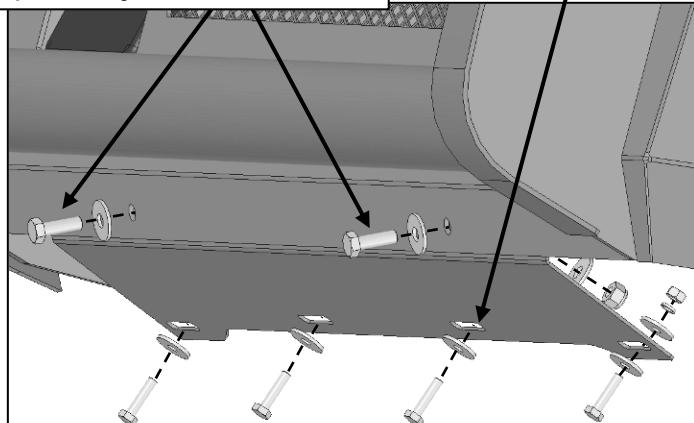
**HEAVY DUTY REPLACEMENT FRONT BUMPER
2015-25 FORD E-SERIES VAN**
Driver/left Side Installation Pictured



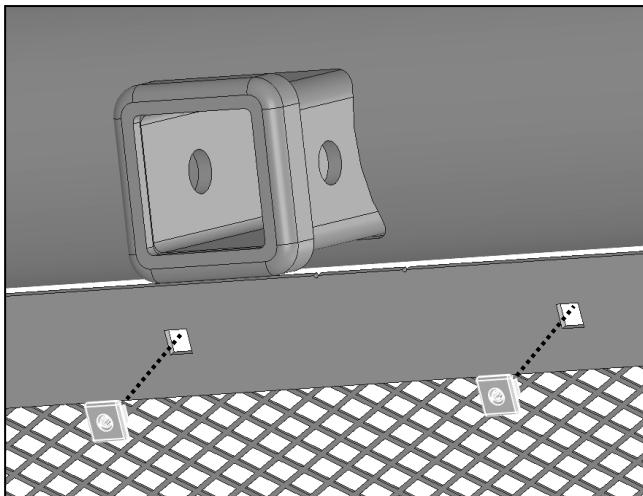
(Fig 15) Bumper Secured to Frame Bracket and Support Bracket

**(4) 6mm x 25mm Hex Nuts
(8) 6mm x 22mm Large Flat Washers
(4) 6mm Lock Washers
(4) 6mm Hex Nuts**

**(2) 8mm x 25mm Hex Nuts
(4) 8mm x 24mm Flat Washers
(2) 8mm Nylon Lock Nuts**



(Fig 16) Attach Air Dam Bracket to Bumper, then secure to the OE air dam. (if equipped with air dam)



(Fig 17) Insert License Plate Plugs in Bumper



Completed Installation

Notes - Tow hook holes are designed for Ford OEM hooks off a 1999-2007 F-250/350.

- Fog light holes are designed to accommodate universal 3-inch LED cube lights with pedestal mounts.

