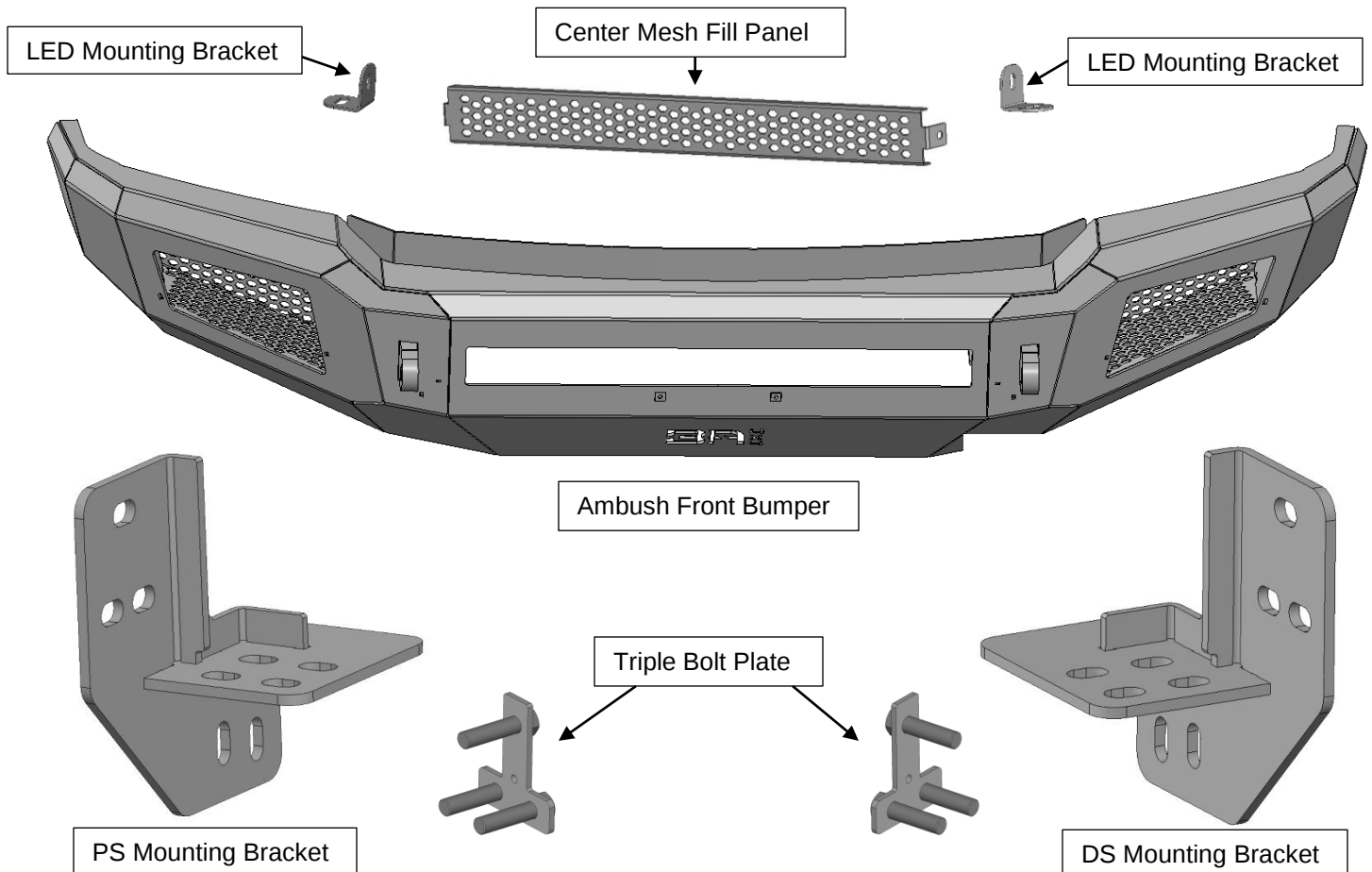
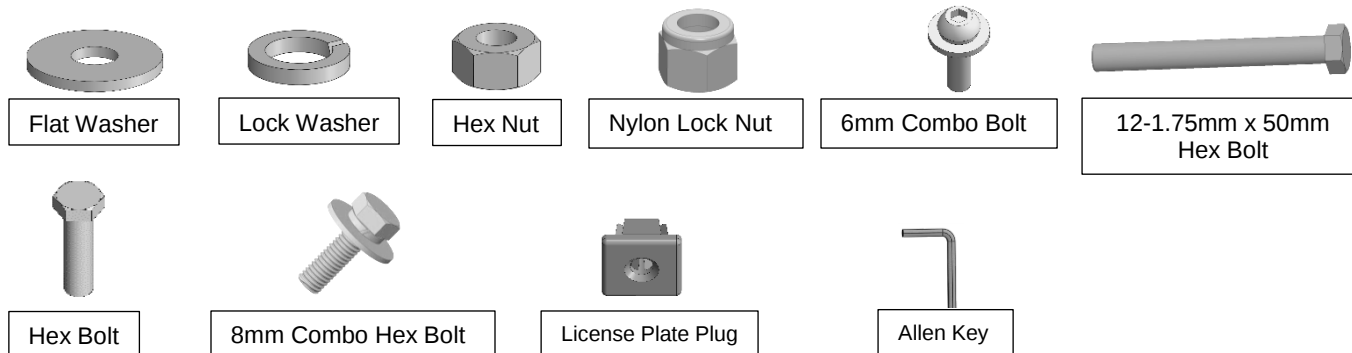
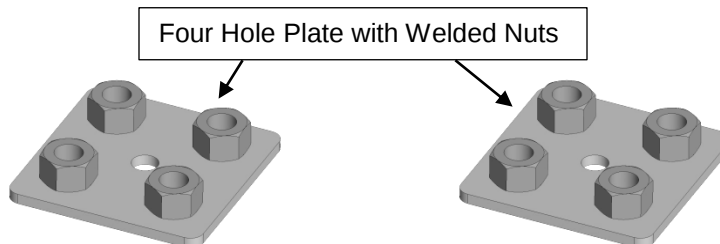


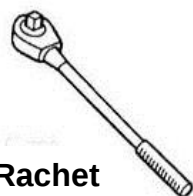
2017-2021 FORD F250/350 SUPER DUTY AMBUSH FRONT BUMPER (NON-WINCH) PART #FD-19343

PARTS LIST:

Description	Qty	Description	Qty
Ambush HD Bumper	1	12-1.75mm x 50mm Hex bolts	8
Center mesh plate	1	12-1.75mm x 45mm Triple Bolt Plate (Same as PW039487)	2
Driver/Left Mounting Bracket	1	12mm x 32mm x 3mm Flat washers	14
Passenger/Right Mounting Bracket	1	12mm Lock washers	14
Driver/Left LED bracket	1	12-1.75mm Hex nuts	6
Passenger/Right LED bracket	1	Four hole spacer plate with welded 12- 1.75mm hex nuts	2
5mm license plate plugs	2	8-1.25mm x 25mm Hex bolts	4
		8-1.25mm x 16mm Hex bolts	2
Allen Wrench S=4	1	8mm x 24mm x 2mm Flat washers	8
		8mm Lock washers	4
		8-1.25mm Hex nut	4



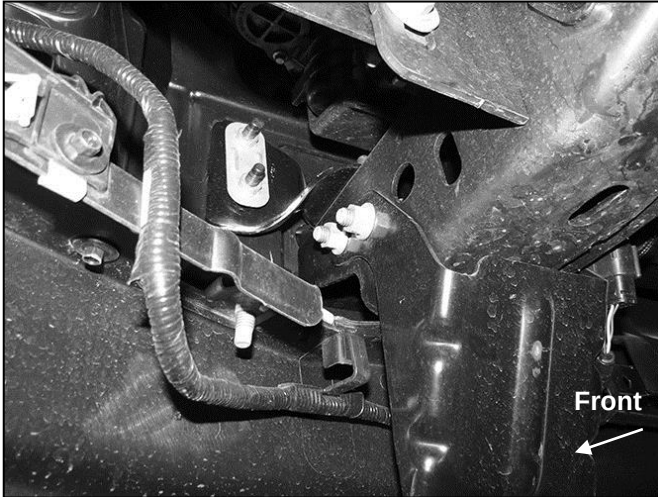


TOOLS REQUIRED			
			
Ratchet	Socket	Extensions	Wrench

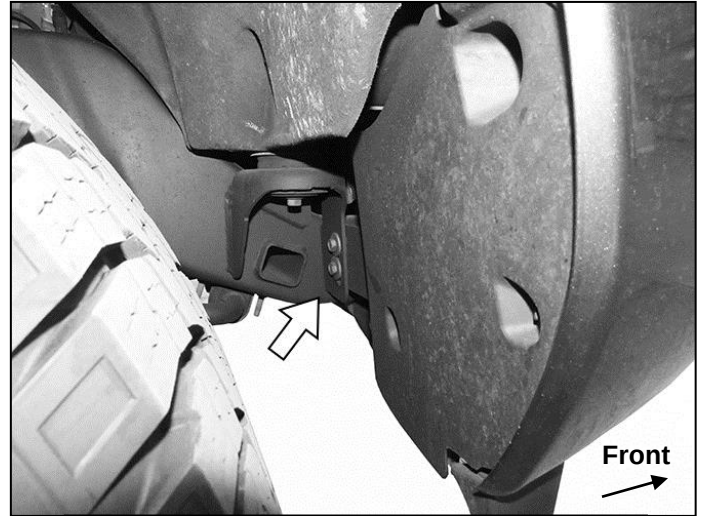
PRODUCT CARE AND MAINTENANCE

- Textured coat finished should be cleaned ONLY with a mild soap on a damp sponge.
- BA recommends wiping down the product with a light coat of lubricate (i.e. WD40) periodically to maintain its luster.
- DO NOT apply polish or wax that requires buffing for removal as this may damage the finish.
- DO NOT coat the product with any type of shine such as Tire Shine or glossy aerosol or gel. This can cause discoloration, staining or bubbling.

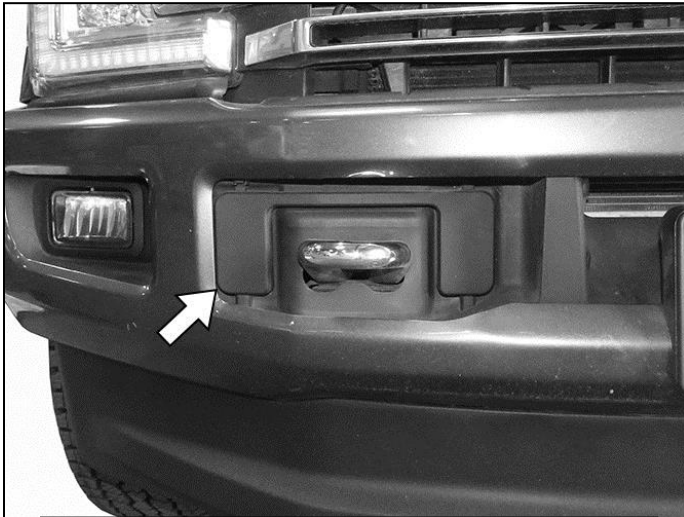
- 1** Follow (Fig 1 – 7) to prepare the vehicle to install the mounting brackets.



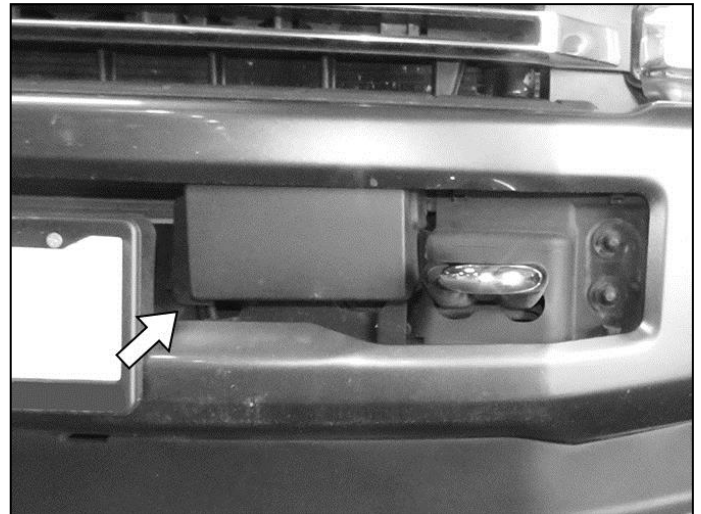
(Fig 1) Unplug wire harness leading to bumper (pictured from behind bumper)



(Fig 2) Remove outer bumper to frame supports from both ends of bumper (arrow)

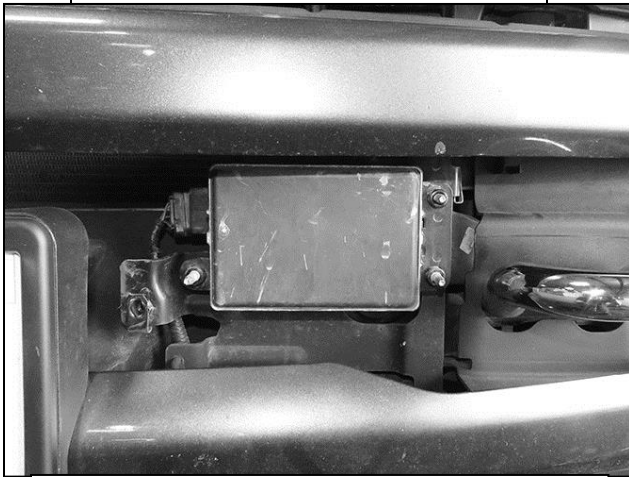


(Fig 3) Remove plastic cover surrounding tow hook (passenger/right side pictured-arrow)

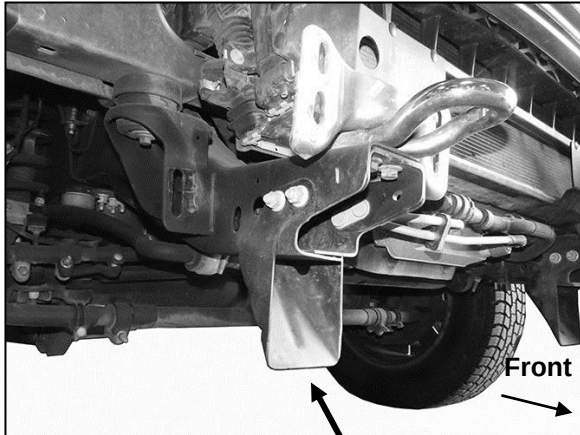


(Fig 4) Models with ACC sensor (adaptive cruise control), remove plastic cover from sensor (driver/left side pictured-arrow)

Note: Unplug and remove the adaptive cruise control, if equipped



(Fig 5) Unplug and carefully pry sensor off of mounting posts to remove sensor



(Fig 7) Remove tow hook assembly and lower frame extensions from bottom of frame

Bolts

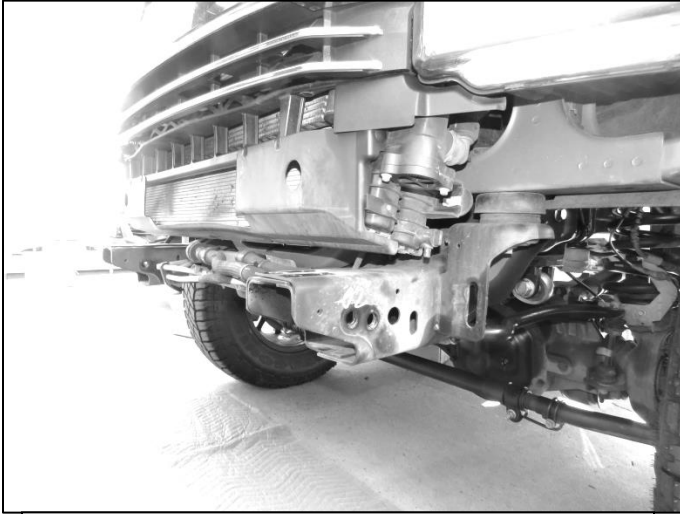


(Fig 6) Remove bumper bolts (driver side pictured)

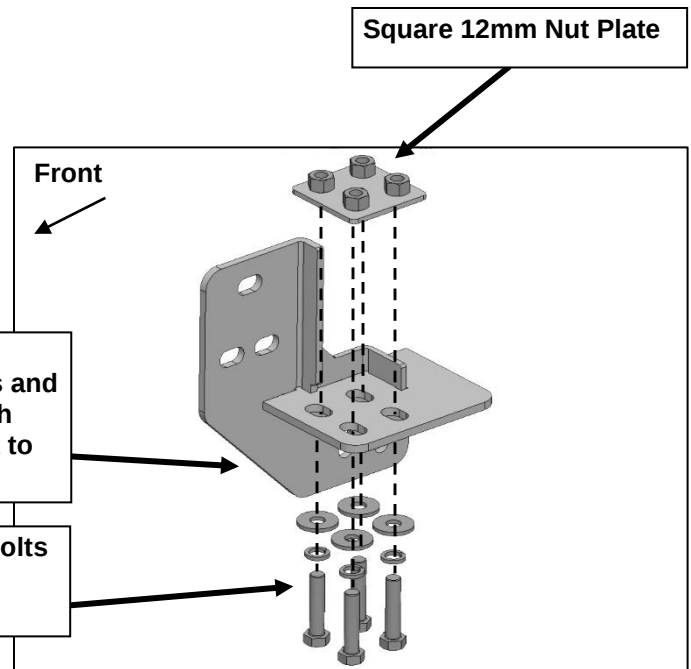
WARNING! Do not remove bumper bolts unless it is properly supported on blocks or stands or the bumper may fall.

2

Follow (Fig 8 - 17) to install the frame mounting brackets and bumper to vehicle for vehicles with and without tow hooks.



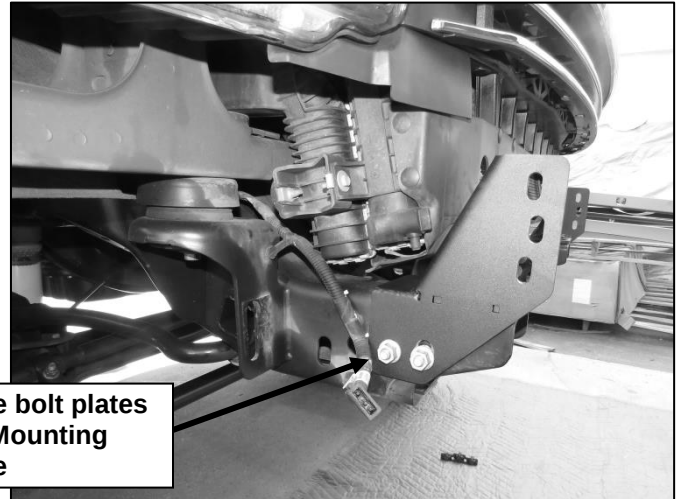
(Fig 8) Tow hook assembly removed from frame



(Fig 9) Attach Mounting Brackets to frame (passenger/right Bracket illustrated)



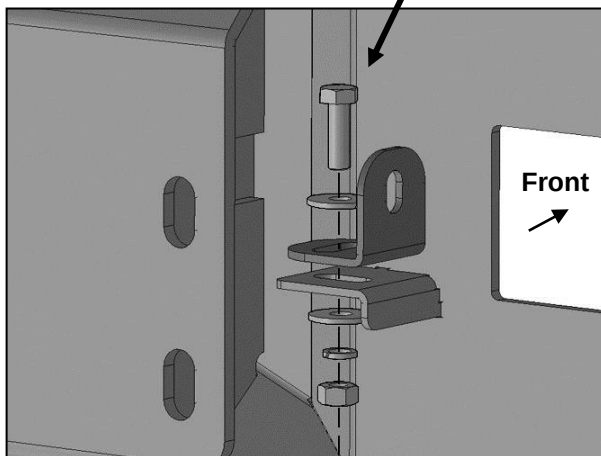
(Fig 10) Passenger/Right Mounting Bracket installed onto frame (example)



Reuse the factory double bolt plates and hardware to attach Mounting Bracket to sides of frame

(Fig 11) Passenger/Right Mounting Bracket installed onto frame (example)

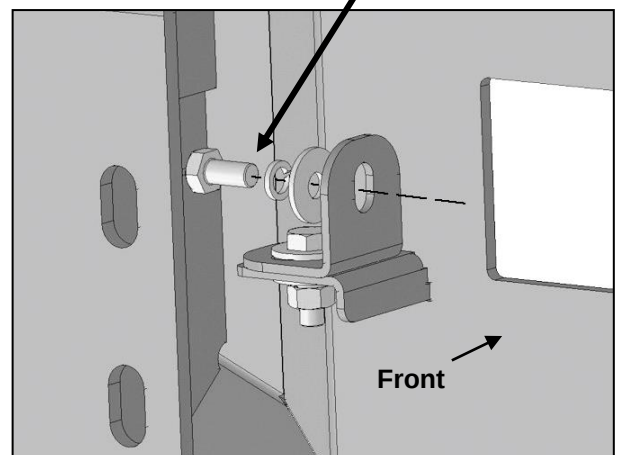
8mm x 25mm Hex Bolt
(2) 8mm Flat Washers
8mm Lock Washer
8mm Hex Nut



(Fig 12) Attach "L" Bracket to mounting tabs on back of Bumper

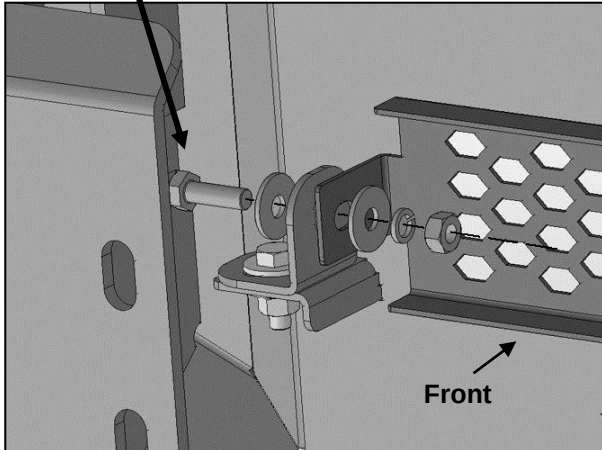
Note: Skip Fig 13 if no LED bar is being installed.

8mm x 16mm Hex Bolt
8mm Lock Washer
8mm Flat Washer

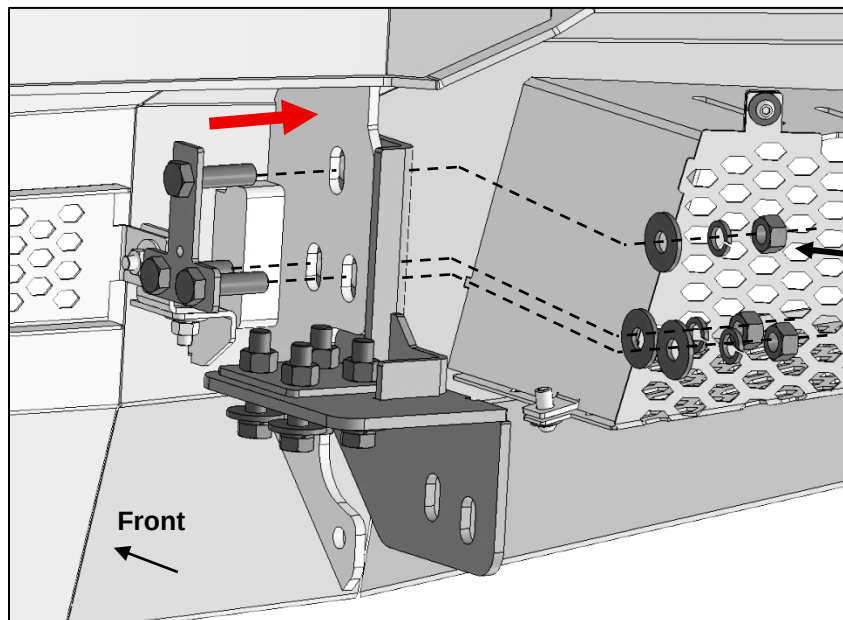


(Fig 13) Attach LED bar style light to "L" Brackets (driver/left side illustrated)

8mm x 25mm Hex Bolt
(2) 8mm Flat Washers
8mm Lock Washer
8mm Hex Nut



(Fig 14) Attach Mesh Fill Panel to "L" Brackets

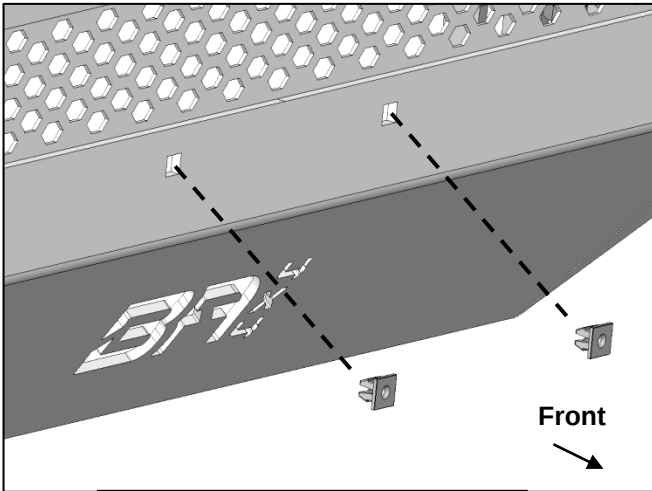


WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

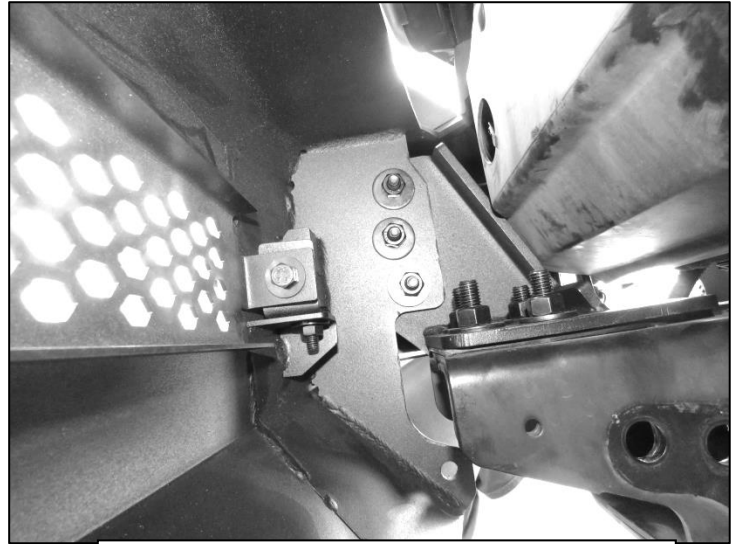
(3) 10mm Flat Washers
(3) 10mm Lock Washers
(3) 10mm Hex Nuts

(Fig 15) Insert (1) 10mm Triple Bolt Plate through mounting plate on each side on back of Bumper.

Attach passenger/right side of bumper to mounting bracket (passenger/right side illustrated)



(Fig 17) Push Plastic Plugs into Bumper for license plate



(Fig 16) Driver/left side of Bumper attached to Bumper Bracket. Sensor installation also pictured

3

Follow (Fig 18) to apply finishing steps for bumper installation. Be sure to check fasteners and double check to make sure all electrical harnesses are plugged in.



(Fig 18) Adjust Bumper and Finish