

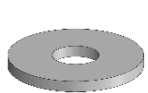
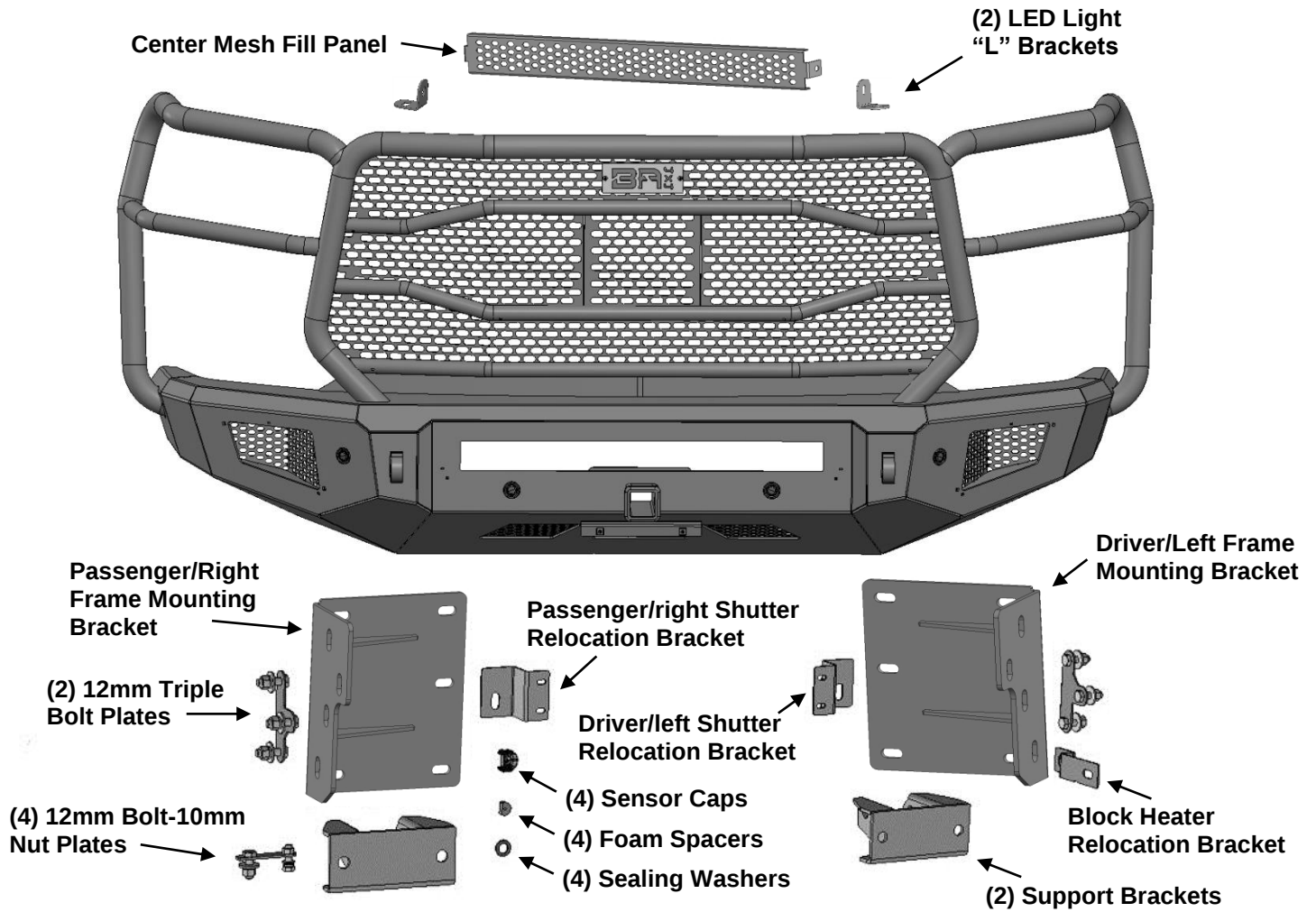


INSTALLATION INSTRUCTIONS

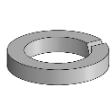
2020-2023 CHEVY SILVERADO 2500/3500 AMBUSH XT FRONT BUMPER (NON-WINCH) PART #GM-20341

PARTS LIST:

Description	Qty	Description	Qty
Ambush Front Bumper	1	12mm x 32mm x 3mm Flat Washers	38
Center Mesh Fill Panel	1	12mm Lock Washers	24
Driver/left Mounting Bracket	1	12mm Hex Nuts	24
Passenger/right Mounting Bracket	1	10-1.5mm x 35mm Hex Bolts	4
Support Brackets	2	10mm x 20mm x 2mm Flat Washers	4
Block Heater Relocation Bracket	1	10mm Lock Washers	4
Driver/left Shutter Relocation Bracket	1	8-1.25mm x 25mm Hex Bolts	4
Passenger/right Shutter Relocation Bracket	1	8-1.25mm x 16mm Hex Bolts	2
"L" LED Light Mounting Brackets	2	8mm x 24mm x 2mm Flat Washers	8
Sensor Plugs	4	8mm Lock Washers	4
Sensor Retaining Caps	4	8mm Hex Nuts	4
20mm x 10mm Foam Spacers	4	6-1.0mm x 20mm Hex Bolts	4
Sealing Washers	4	6mm x 18mm x 1.6mm Flat Washers	12
Plastic Plugs for License Plate	2	6mm Nylon Lock Nuts	6
License Plate Mounting Bracket	1	6-1.00mm x 20mm Button Head Allen Bolt	2
12-1.75mm x 40mm Triple Bolt Plates	2	4mm Self Tapping Screws	8
12mm Bolt-10mm Nut Plates	4	4mm Allen Wrench	1
12-1.75mm x 45mm Hex Bolts	14	Wire Ties	10



Flat Washer



Lock Washer



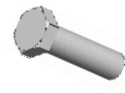
Hex Nut



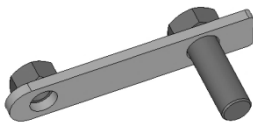
Nylon Lock Nut



6mm Combo Bolt



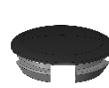
Hex Bolt



12mm Bolt - 10mm Nut Plate



License Plate Plug



Sensor Plug



Retaining Cap



Foam Spacer



Self-Tapping Screw



Foam Seal Washer

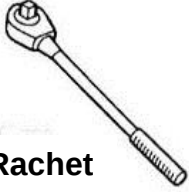


Sensor Cover Kit



Allen Key

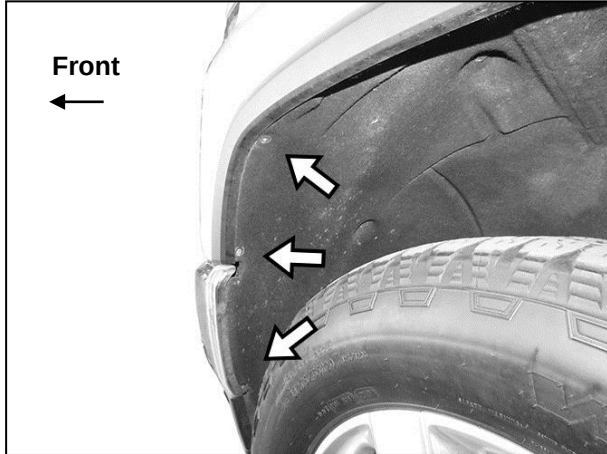
TOOLS REQUIRED

 Ratchet	 Socket	 Extensions	 Wrench
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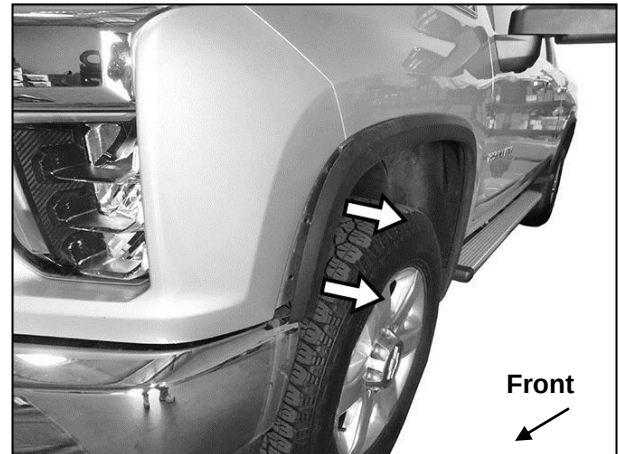
PRODUCT CARE AND MAINTENANCE

- 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 Shire or glossy aerosol or gel. This can cause discoloration, staining or bubbling.

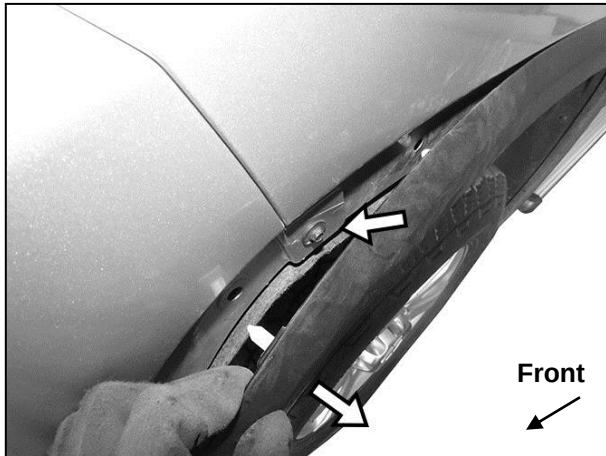
- 1 Follow (Fig 1 – 11) to prepare the vehicle to install the mounting brackets.



(Fig 1) Release hardware attaching fender liner to plastic body panel (fascia-see arrows)



(Fig 2) Pull front end of fender flare out from fender. Do not remove flare, only release front section



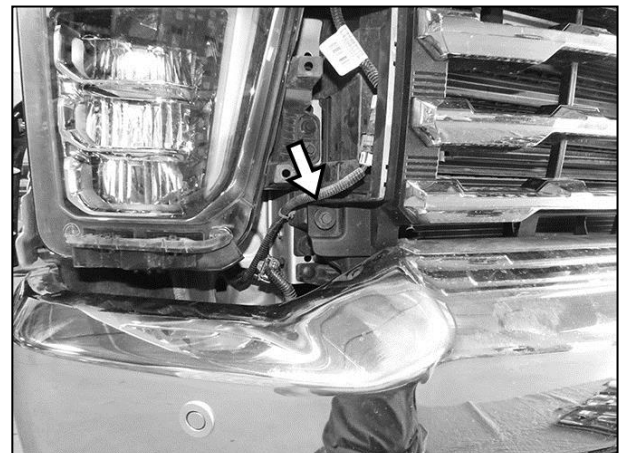
(Fig 3) Remove screws attaching plastic fascia panel to front end of fender (arrow)



(Fig 4) Remove plastic fascia from top of bumper



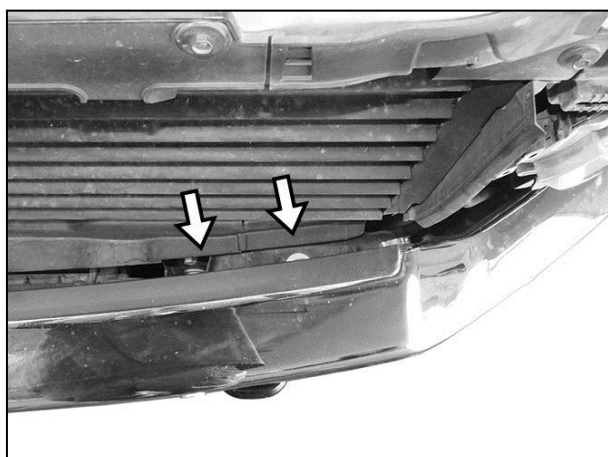
(Fig 5) Remove plastic cover from top of grille



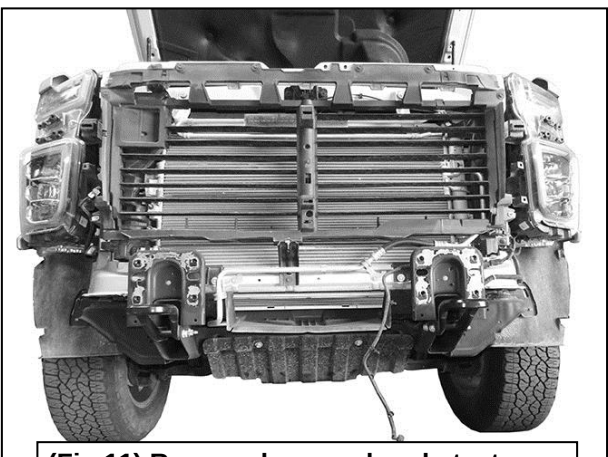
(Fig 6) Disconnect all wire harnesses leading to front bumper. Disconnect harness to camera (if equipped) and remove grille



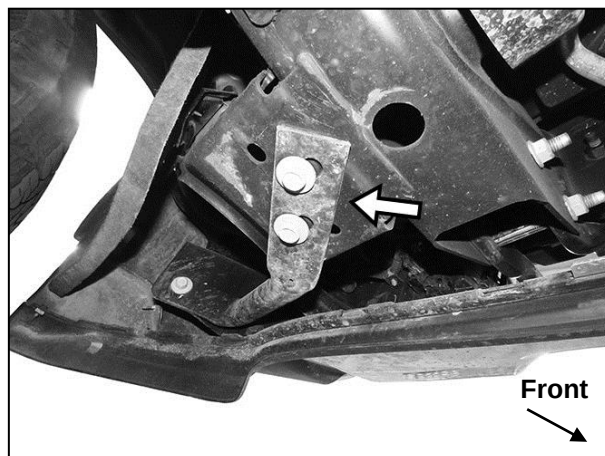
(Fig 7) Grille and fascia removed



(Fig 9) From above, remove the hex bolts attaching the driver/left side of bumper to the frame, (arrows)

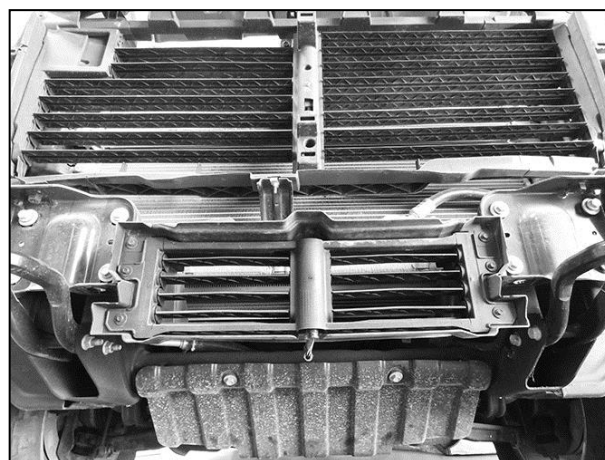


(Fig 11) Remove bumper brackets, tow hooks and shut



(Fig 8) Remove outer bumper supports attached to bottom of frame (arrow). Driver/left side pictured

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

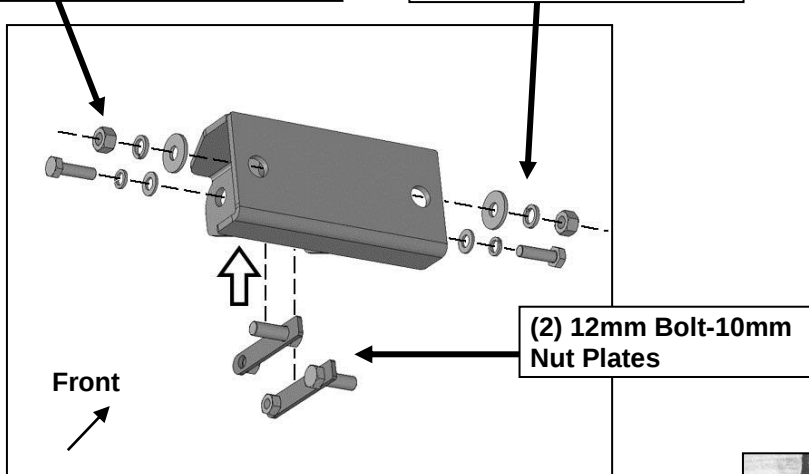


(Fig 10) Remove bumper brackets and tow hooks. Unplug and temporarily remove shutter assembly (arrow) if equipped

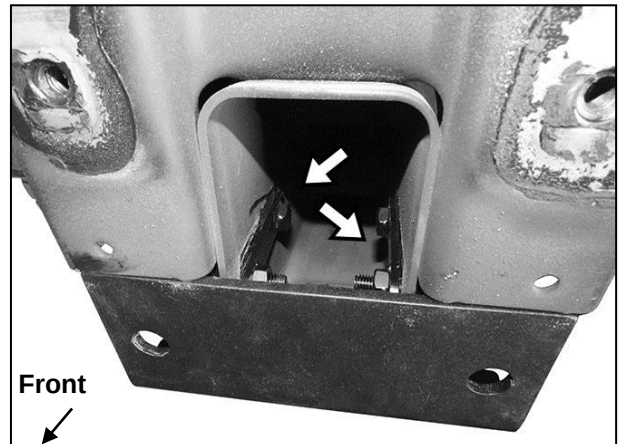
- 2** Follow (Fig 12 - 35) to install the frame mounting brackets and bumper to vehicle for vehicles with and without tow hooks.

(2) 10mm x 35mm Hex Bolts
(2) 10mm Lock Washers
(2) 10mm Flat Washers

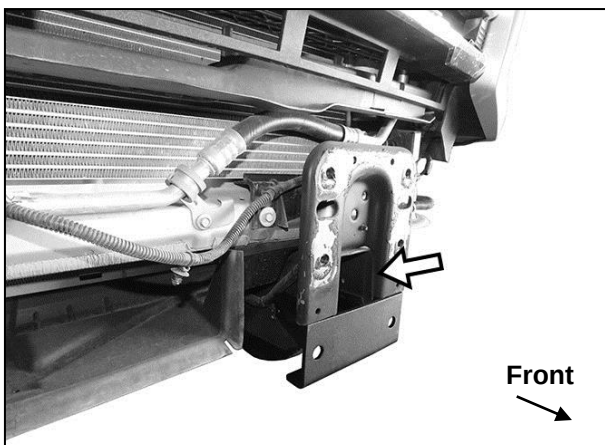
(2) 12mm Flat Washers
(2) 12mm Lock Washers
(2) 12mm Hex Nuts



(Fig 12) Insert (2) Bolt-Nut Plates up into or in through front of frame. Attach Support Brackets to the bottom of the frame

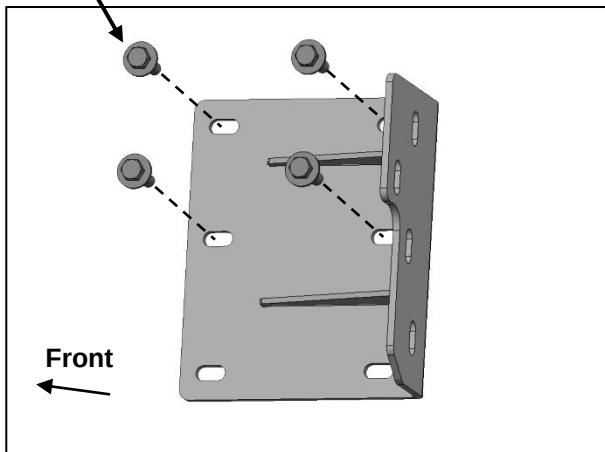


(Fig 13) Support Bracket attached to bottom of frame and Bolt-Nut Plates (arrows)

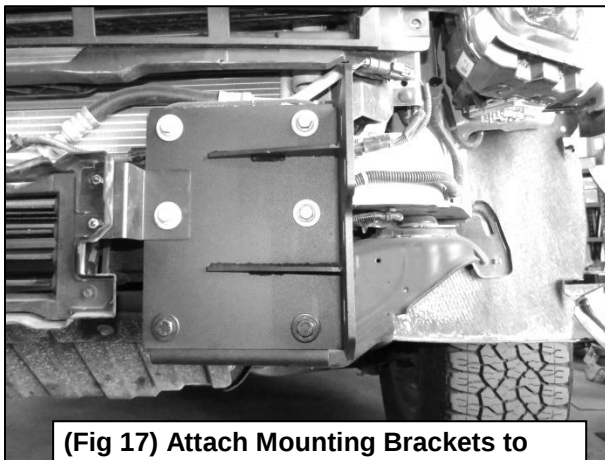


(Fig 14) Support Bracket attached to bottom of frame and Bolt-Nut Plates (arrows)

Factory bumper
bracket bolts

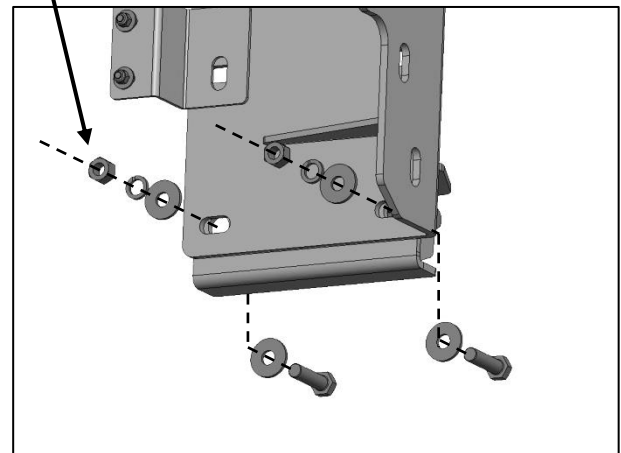


(Fig 15) Reuse factory hardware to attach Driver/left Frame Bracket to end of frame



(Fig 17) Attach Mounting Brackets to Frame (Driver/Left Bracket pictured)

(2) 12mm x 45mm Hex Bolts
(4) 12mm Flat Washers
(2) 12mm Lock Washers
(2) 12mm Hex Nuts

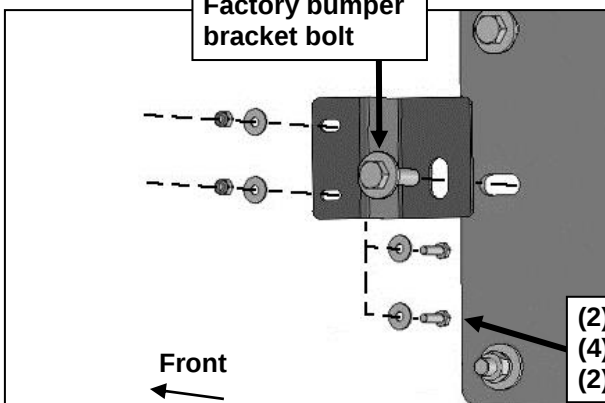


(Fig 16) Attach Support Bracket to back and bottom of Driver/left Frame Bracket



(Fig 18) Remove inner shutter assembly from plastic outer housing (if equipped)

Factory bumper
bracket bolt



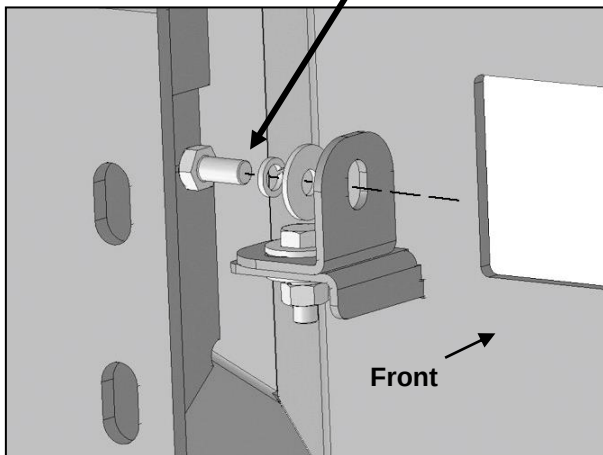
(2) 6mm x 20mm Hex Bolts
(4) 6mm x 18mm STD Flat Washers
(2) 6mm Nylon Lock Nuts

(Fig 19) Attach Relocation Brackets to front of Frame Brackets. Attach shutter assembly, (if equipped), to front of Relocation Brackets



(Fig 20) Attach Relocation Brackets to front of Frame Brackets. Attach shutter assembly, (if equipped), to front of Relocation Brackets

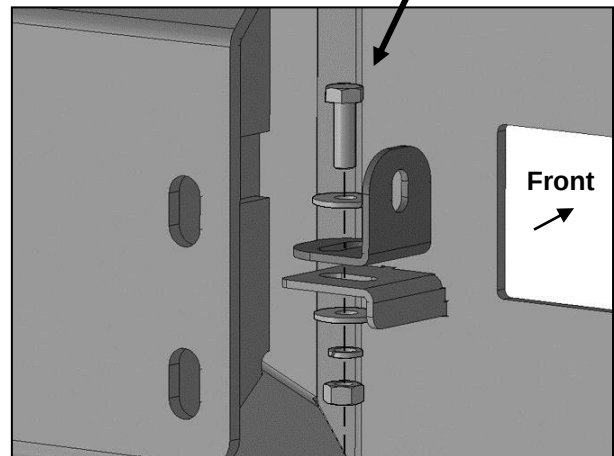
8mm x 16mm Hex Bolt
8mm Lock Washer
8mm Flat Washer



(Fig 22) Attach LED bar style light to "L" Brackets (driver/left side illustrated)

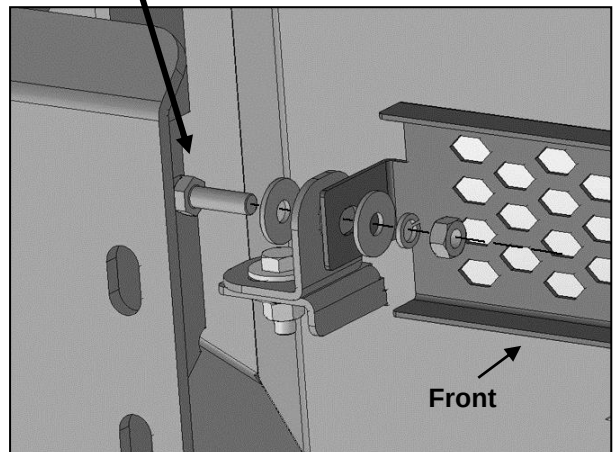
Note: Skip Fig 22 if no LED bar is being installed.

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

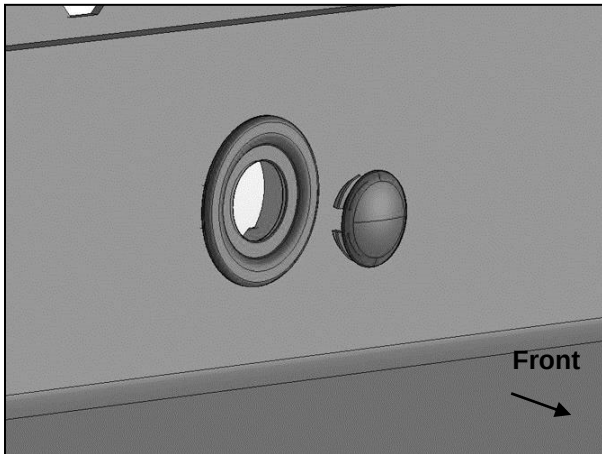


(Fig 21) Attach "L" Bracket to mounting tabs on back of Bumper

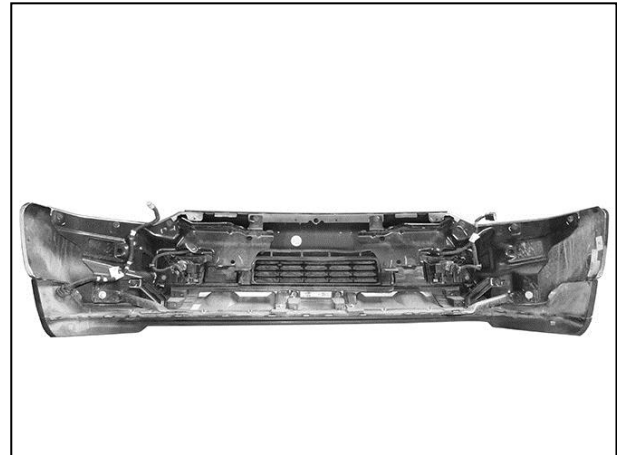
8mm x 25mm Hex Bolt
(2) 8mm Flat Washers
8mm Lock Washer
8mm Hex Nut



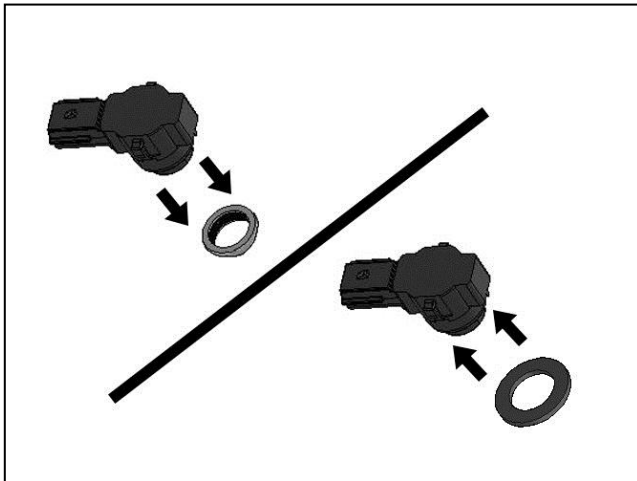
(Fig 23) Attach Mesh Fill Panel to "L" Brackets



(Fig 24) Models without sensors,
push Plugs into Sensor Mounts



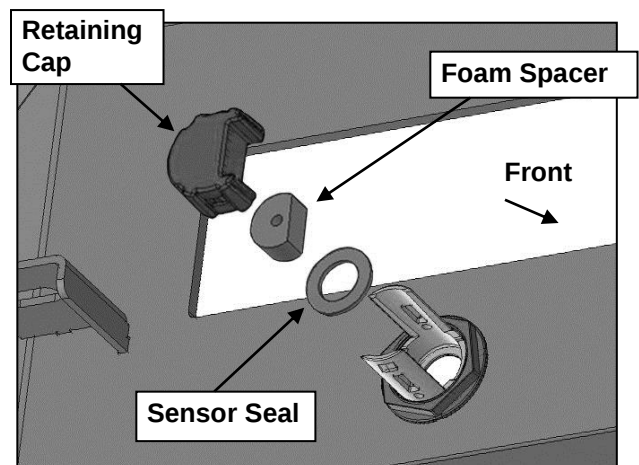
(Fig 25) Remove parking sensors and
harness from factory bumper if equipped



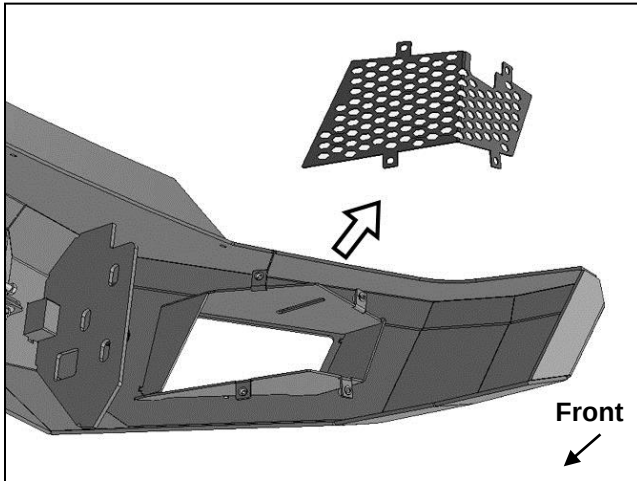
(Fig 26) Remove silicone seal from sensor.
Slide large Seal over end of sensor (arrow)

Note: LED cubes should be installed
before mounting the bumper.

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



(Fig 27) Remove front seal from Sensor.
Apply larger Foam Seal to sensor. Slide
sensor into sleeve, insert Foam Spacer and
Retaining Cap to lock sensor in sleeve

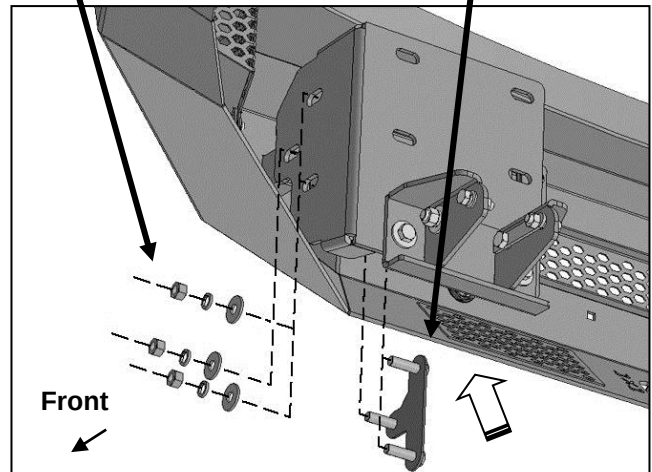


(Fig 28) Remove screens, if necessary, for clearance/access to outer light mounts

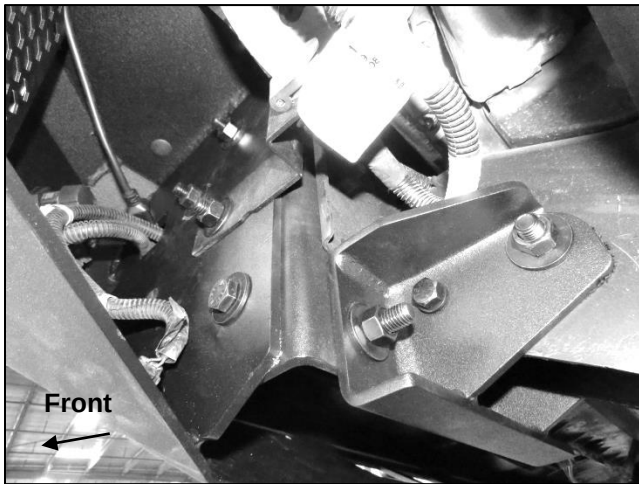
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

- (3) 12mm Flat Washers
- (3) 12mm Lock Washers
- (3) 12mm Hex Nuts

12mm Triple Bolt Plate

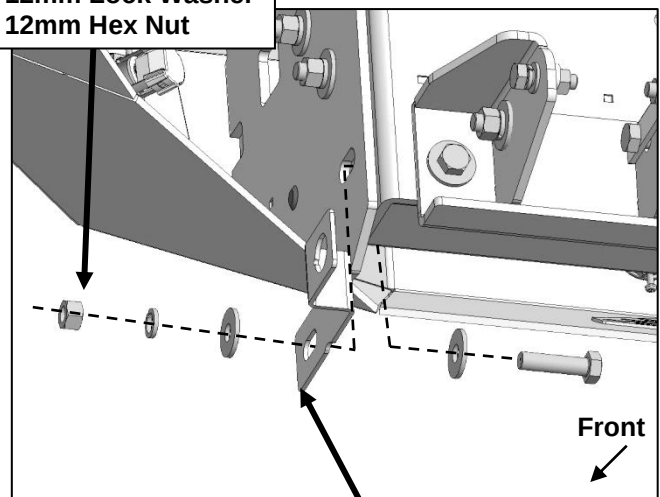


(Fig 29) Insert Triple Bolt Plate up and through mounting plate on Bumper. Attach the Bumper to Frame Brackets and Triple Bolt Plates

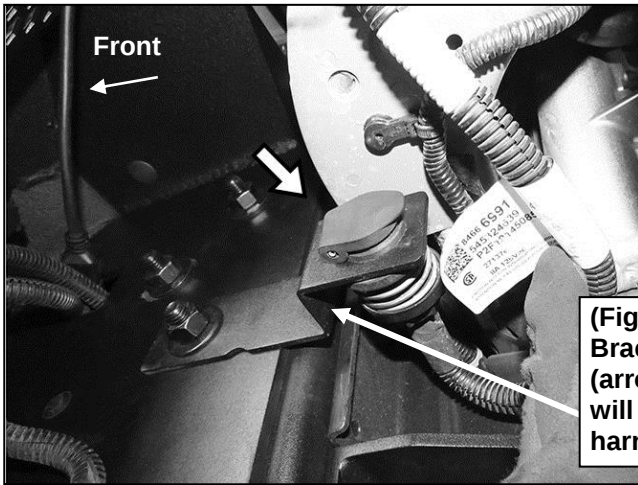


(Fig 30) Driver/left side of Bumper installed

- 12mm Flat Washer
- 12mm Lock Washer
- 12mm Hex Nut



(Fig 31) Insert and fasten lower mounting point between bumper and bracket. If vehicle has block heater, attach Relocation Bracket at the same time.



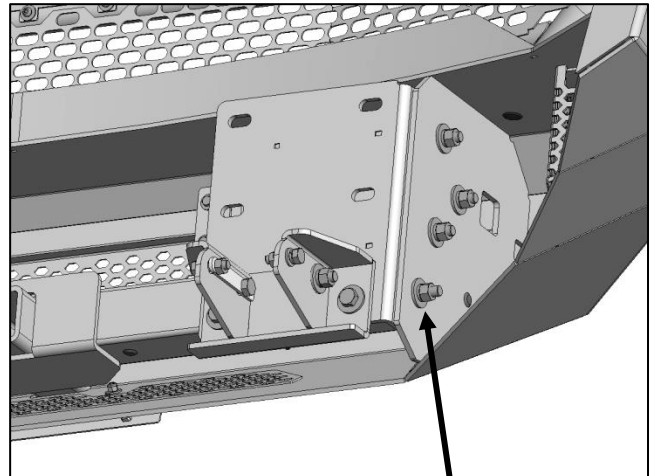
(Fig 32) Models with block heater, attach Relocation Bracket to outside of driver/left Mounting Bracket (arrow). On some vehicles, the Relocation Bracket will need to be attached higher if factory wire harness is not long enough.



(Fig 33) Driver/Left side of Bumper attached to Mounting Bracket. (Inner side)



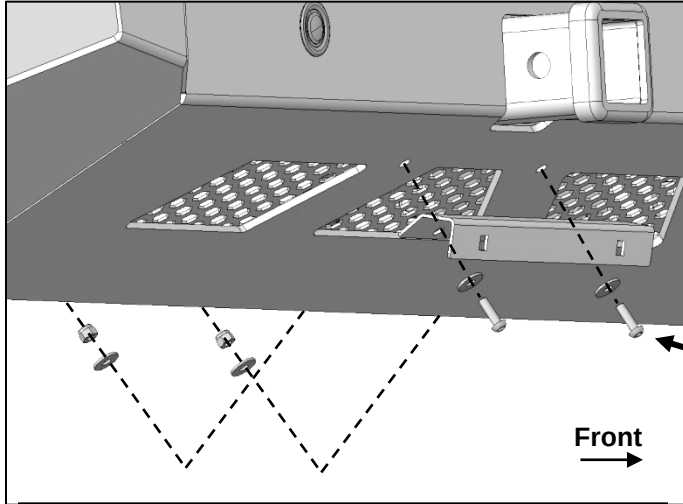
(Fig 35) Passenger/Right side of Bumper attached to Bumper Bracket. Sensor installation also pictured



(Fig 34) Be sure to also fasten the lower mounting point on the Passenger/Right side too.

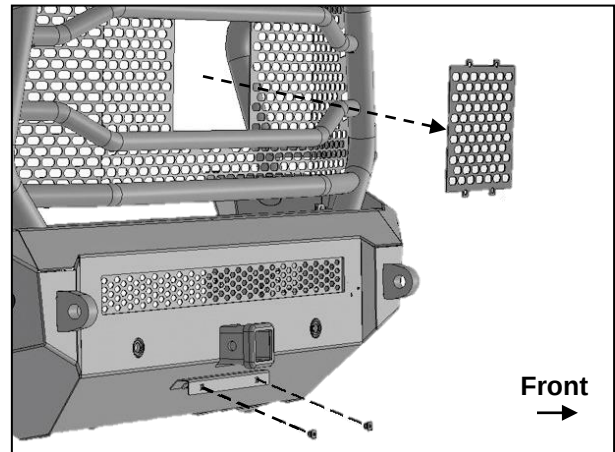
3

Follow (Fig 37) 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 36) Attach License Plate Bracket to Bumper

(2) 6-1.00mm x 20mm Button Head Allen Bolts
(4) 6mm Flat Washer
(2) 6mm Nylon Lock Nuts



(Fig 37) Remove center screen if equipped with grille mounted camera. Push Plastic Plugs into holes in Bumper for license plate



(Fig 38) Adjust Bumper and Finish