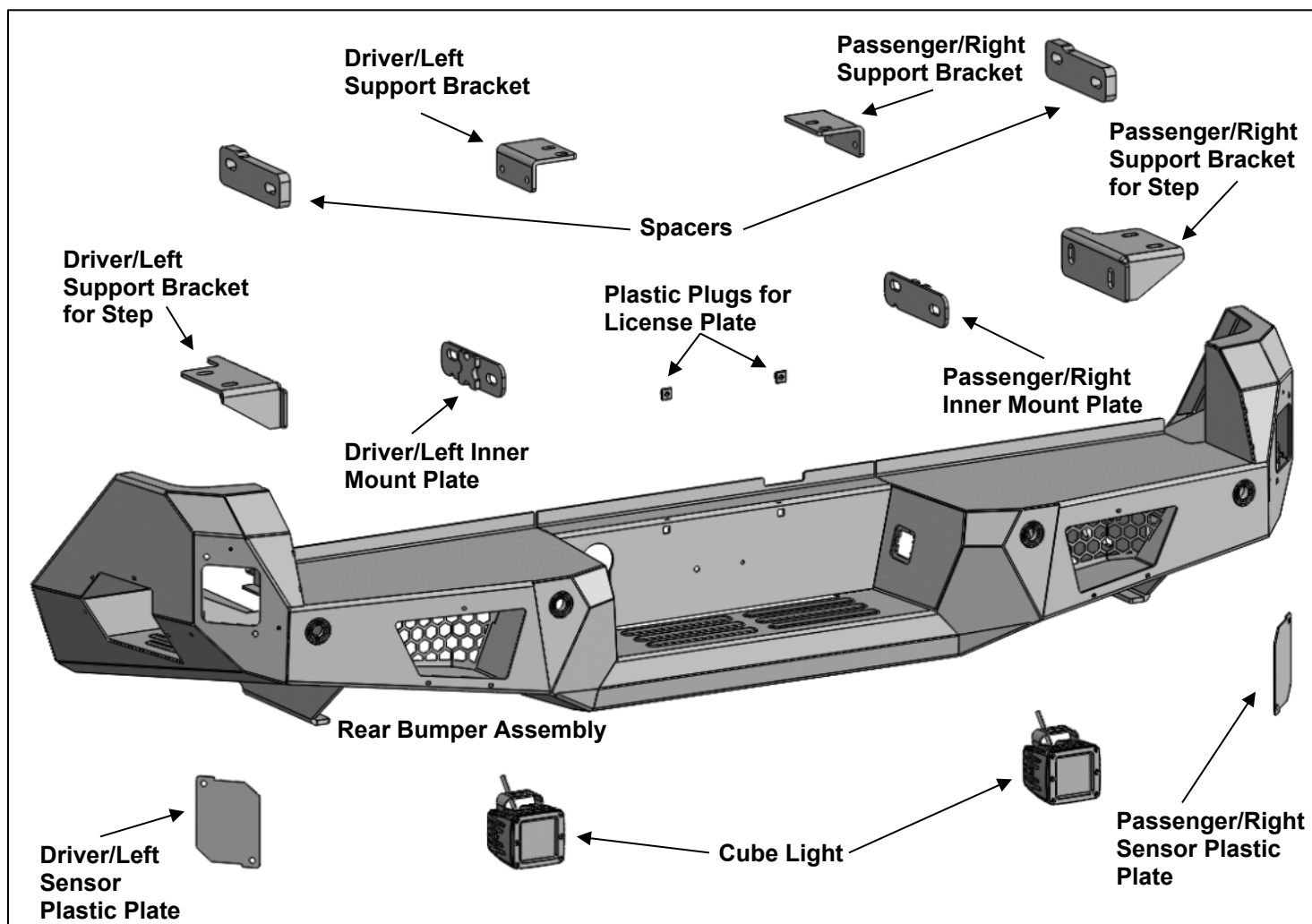


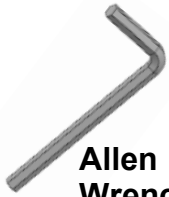
Installation Instructions

PARTS LIST:

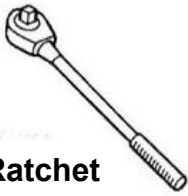
Qty	Item Description	Qty	Item Description
1	LD1 Rear Bumper Assembly	1	Driver/Left Inner Mount Plate
1	Driver/Left Support Bracket	1	Passenger/Right Inner Mount Plate
1	Passenger/Right Support Bracket	4	12mm x 140mm Hex Bolts
1	Driver/Left Support Bracket for Step	12	12mm x 32mm x 3mm Flat Washers
1	Passenger/Right Support bracket for Step	4	12mm x 30mm Carriage Bolt
1	Driver/Left Sensor Plastic Plate	8	12mm Nylon Lock Nut
1	Passenger/Right Sensor Plastic Plate	8	8mm x 30mm Hex Bolts
2	Toyota 2021+ LC300 Parking Sensor Wire Harness Extensions	8	8x24x2mm Flat Washers
4	Plastic Sensor Plug	8	8mm Lock Washers
6	Plastic Particles	6	6mm x 25mm Button Head Bolts
1	LED Light Wiring Harness (7m)	6	6mm x 18mm x 1.6mm Flat Washers
2	Cube Light	4	6mm x 15mm Button Head Bolts
2	Spacers	4	6mm Flange Nuts
4	16OD Longer Bolt sleeves	6	6mm Lock Washers
4	16OD Shorter Bolt Sleeves	6	6mm Clip Nut
2	Plastic Plugs for License Plate Mount	10	Nylon Wire Ties
4	15.5mm x 25mm x 2mm Foam Washers	1	4mm Allen Wrench



TOOLS REQUIRED



**Allen
Wrench**



Ratchet



Sockets

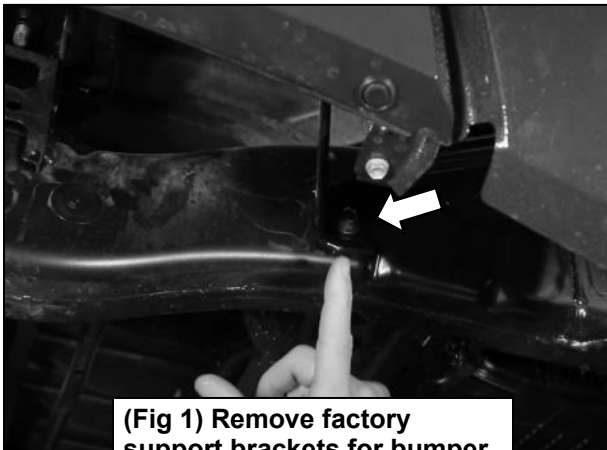


Extensions



Wrench

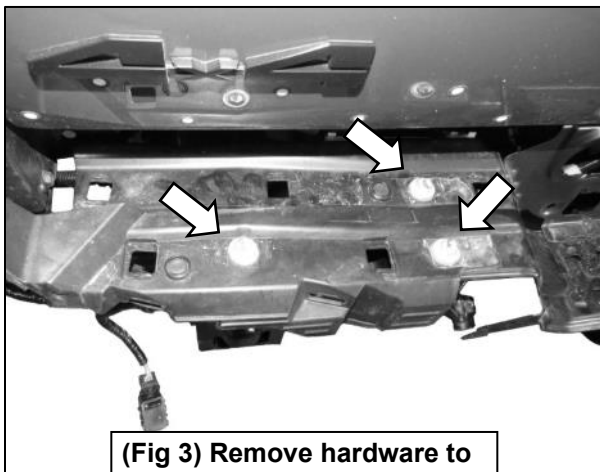
- Follow (Fig 1 – 9) to remove factory bumper and remove hardware from bumper.



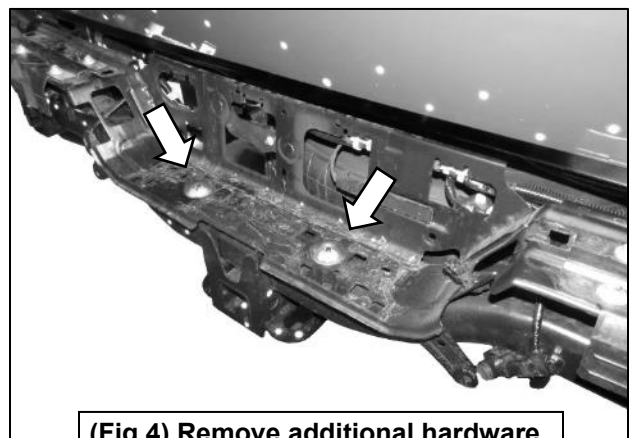
**(Fig 1) Remove factory
support brackets for bumper**



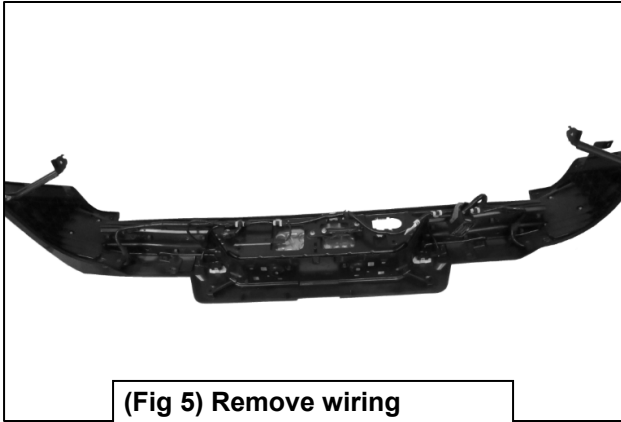
**(Fig 2) Remove cover plates to
reveal hardware to remove bumper**



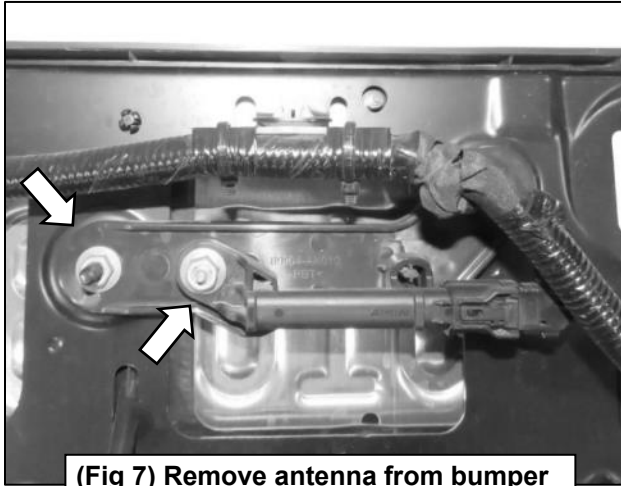
**(Fig 3) Remove hardware to
loosen bumper from vehicle**



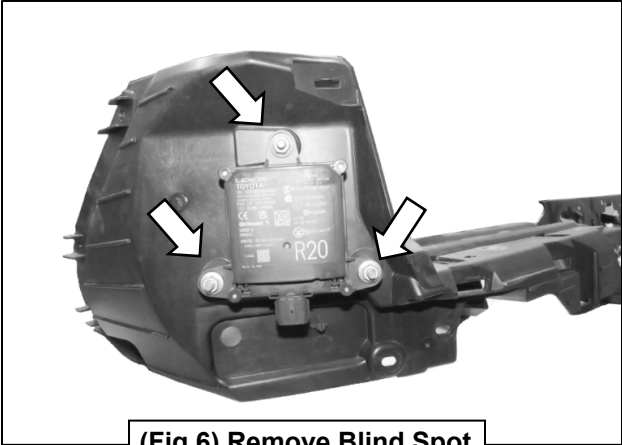
(Fig 4) Remove additional hardware



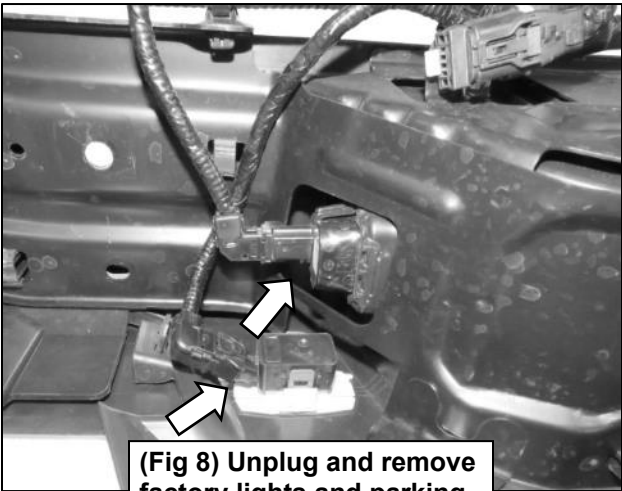
(Fig 5) Remove wiring harness from factory bumper



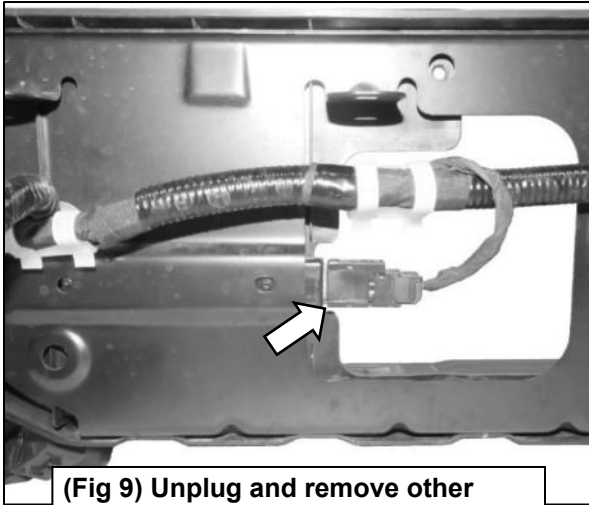
(Fig 7) Remove antenna from bumper



(Fig 6) Remove Blind Spot Monitor from bumper

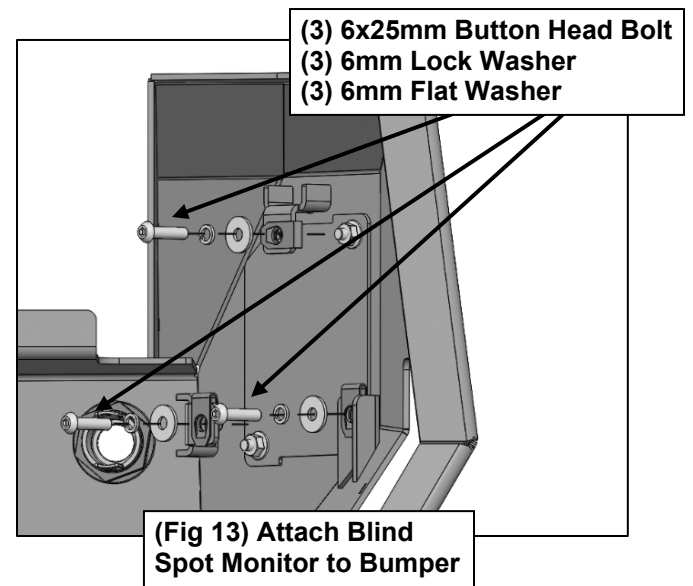
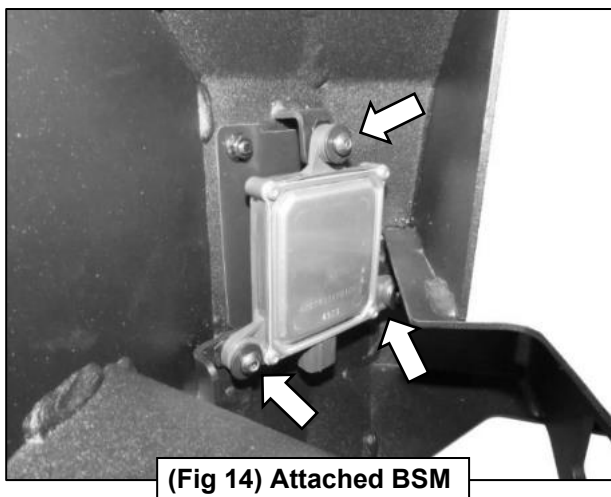
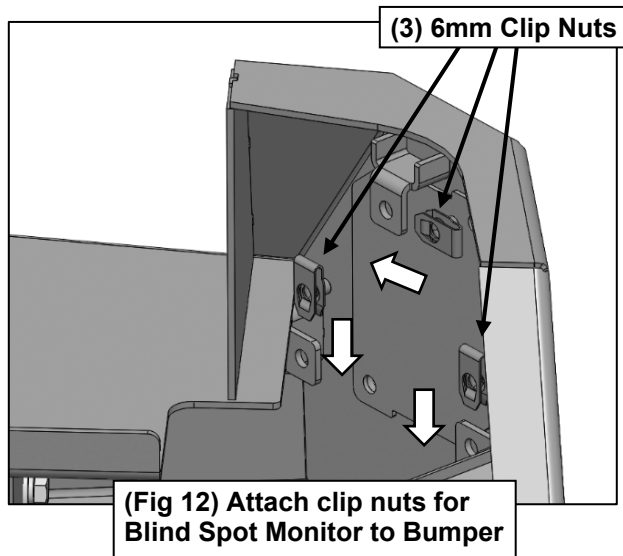
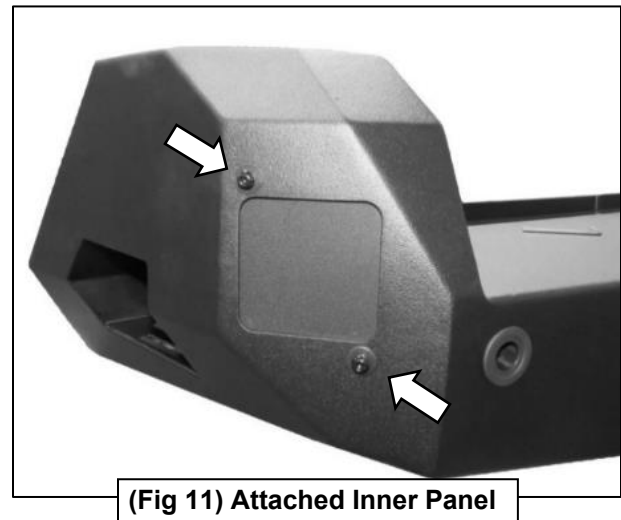
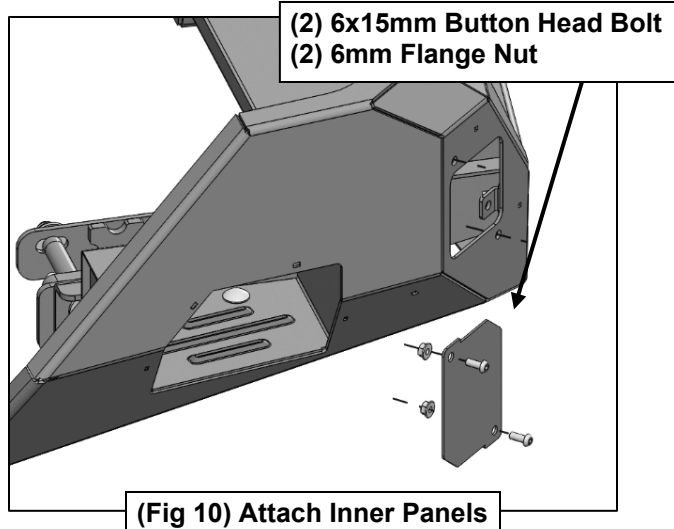


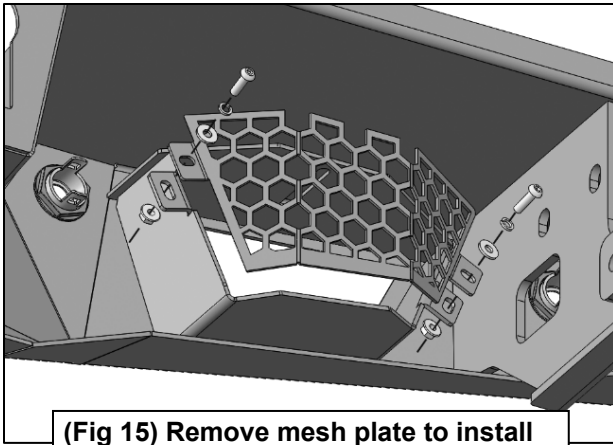
(Fig 8) Unplug and remove factory lights and parking



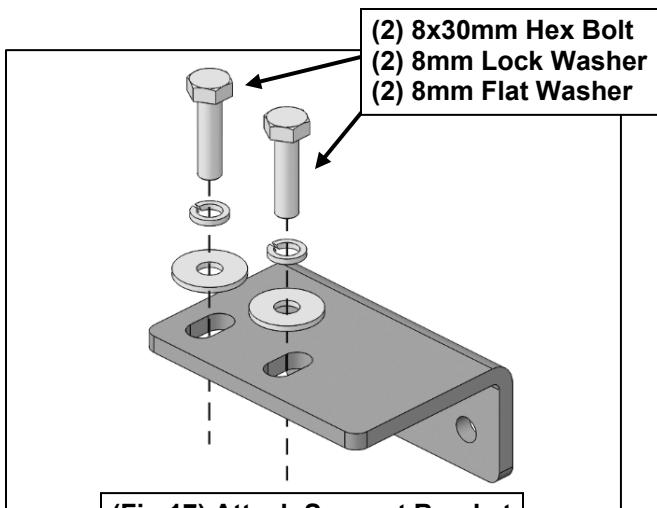
(Fig 9) Unplug and remove other hardware attached to factory bumper

Follow (Fig 10 – 29) to attach hardware to Bumper, then attach Support Brackets and Bumper to vehicle. Ensure hardware is level and secure before tightening hardware.



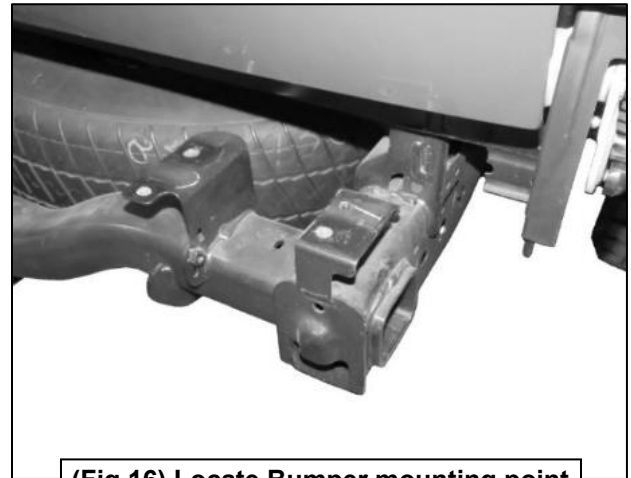


(Fig 15) Remove mesh plate to install light if using, then reattach mesh plate

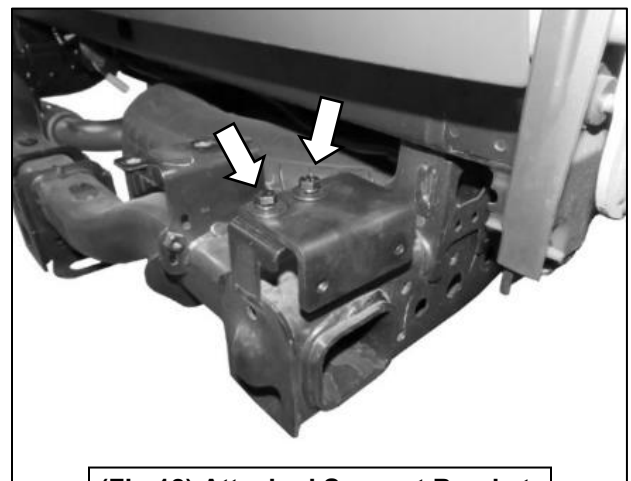


- (2) 8x30mm Hex Bolt
- (2) 8mm Lock Washer
- (2) 8mm Flat Washer

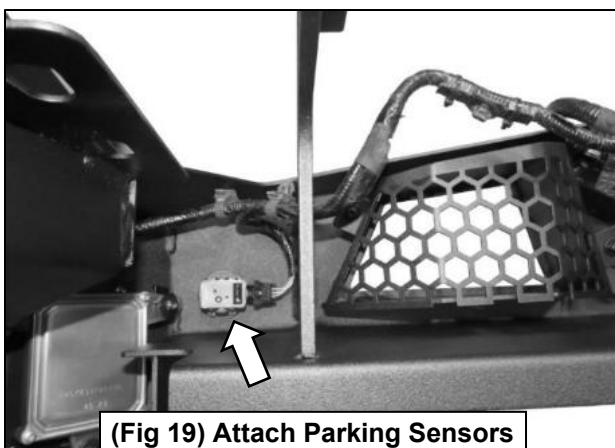
(Fig 17) Attach Support Bracket to Bumper mounting point



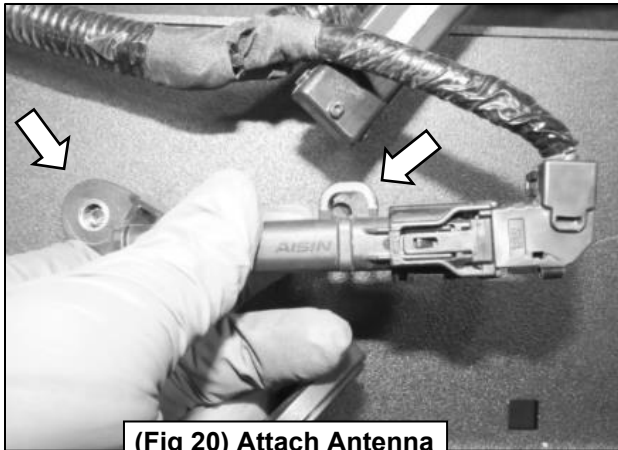
(Fig 16) Locate Bumper mounting point



(Fig 18) Attached Support Bracket

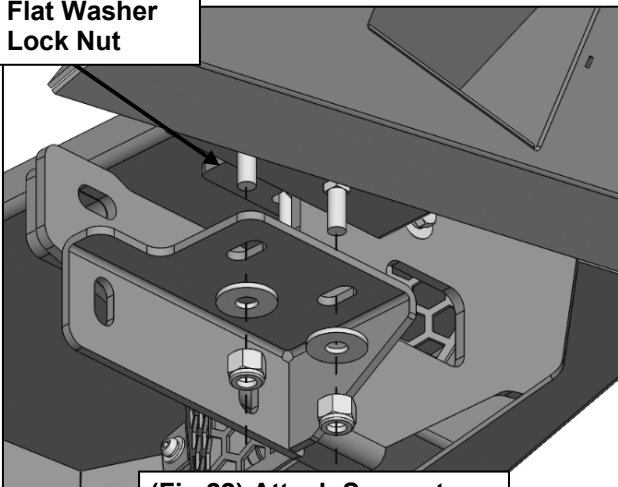


(Fig 19) Attach Parking Sensors and wiring harness to Bumper



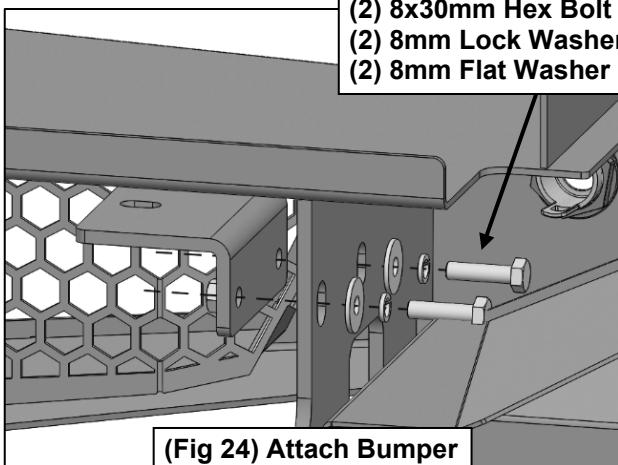
(Fig 20) Attach Antenna to mounting bolts

- (2) Carriage Bolt
- (2) Flat Washer
- (2) Lock Nut

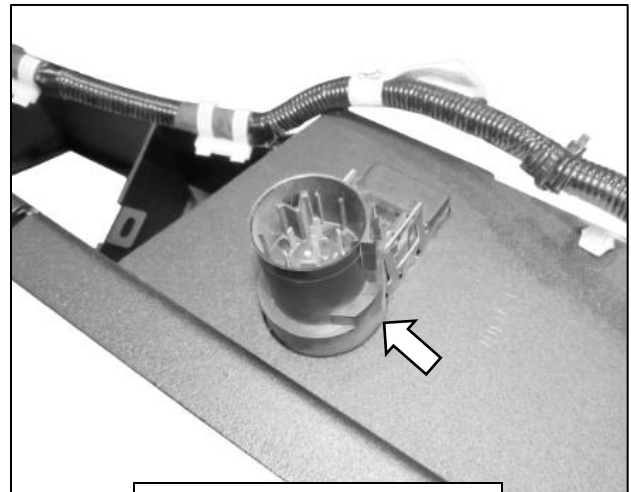


(Fig 22) Attach Support Bracket for Step to Bumper

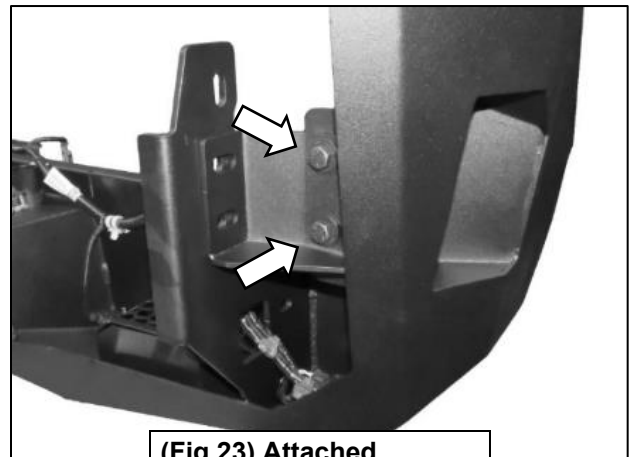
- (2) 8x30mm Hex Bolt
- (2) 8mm Lock Washer
- (2) 8mm Flat Washer



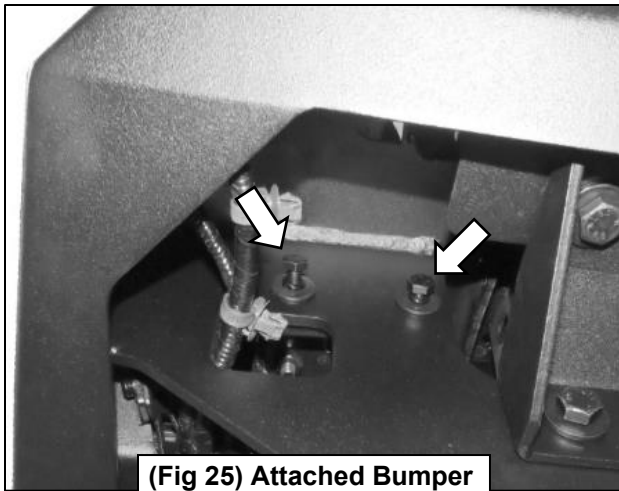
(Fig 24) Attach Bumper to Support Bracket



(Fig 21) Attach Trailer Plug

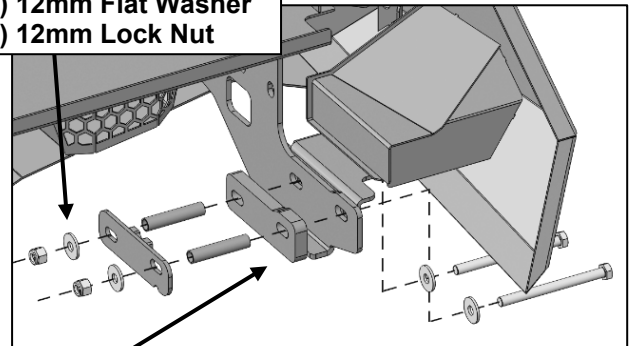


(Fig 23) Attached Support Bracket for Step



(Fig 25) Attached Bumper to Support Bracket

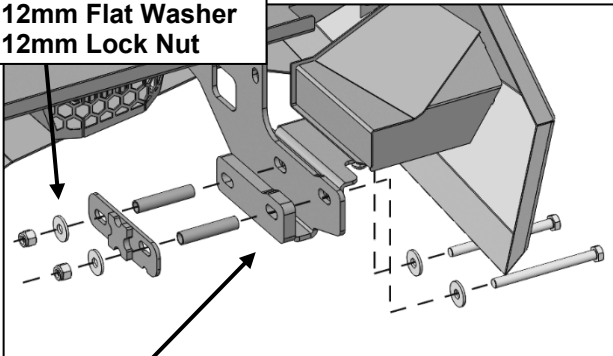
- (2) 12x140mm Hex Bolt
- (4) 12mm Flat Washer
- (2) 12mm Lock Nut



- (1) Spacer
- (2) Shorter Bolt Sleeves
- (1) Driver/Left Inner Mount Plate

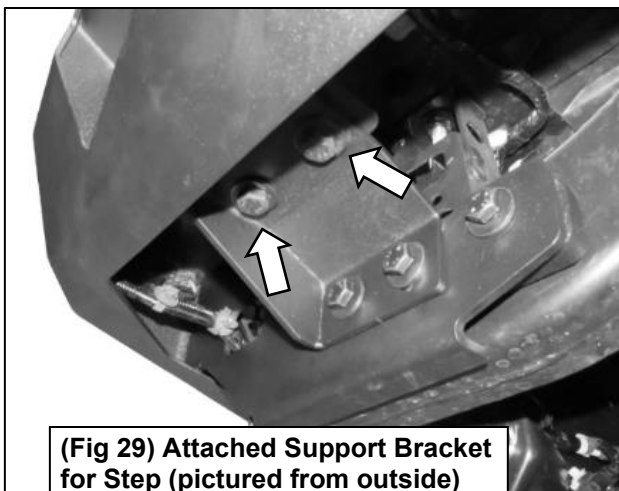
(Fig 26) For standard models, slide shorter Bolt plate into frame, then attach hardware for Support Bracket for Step

- (2) 12x140mm Hex Bolt
- (4) 12mm Flat Washer
- (2) 12mm Lock Nut

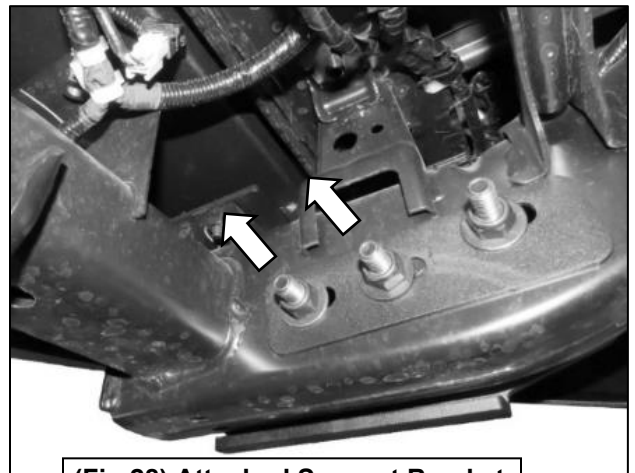


- (1) Spacer
- (2) Longer Bolt Sleeves
- (1) Passenger/Right Inner Mount Plate

(Fig 27) For Hybrid models, slide longer Bolt plate into frame, then attach hardware for Support Bracket for Step



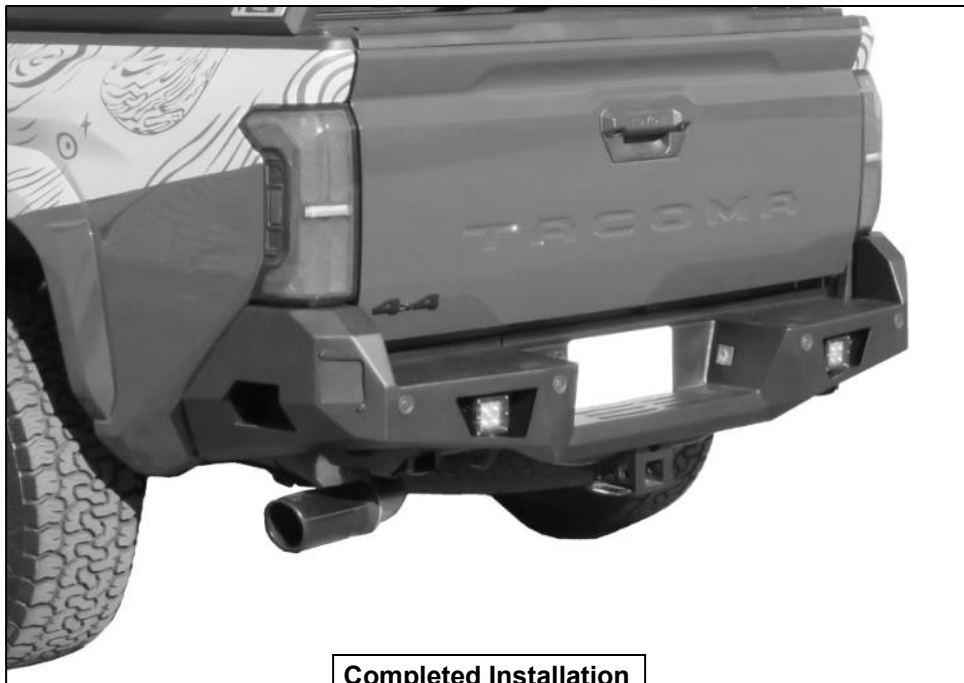
(Fig 29) Attached Support Bracket for Step (pictured from outside)



(Fig 28) Attached Support Bracket for Step (pictured from inside)

3

Installation is complete. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



Completed Installation