

Tubular Front Bumper | Ram 1500 (19-24)

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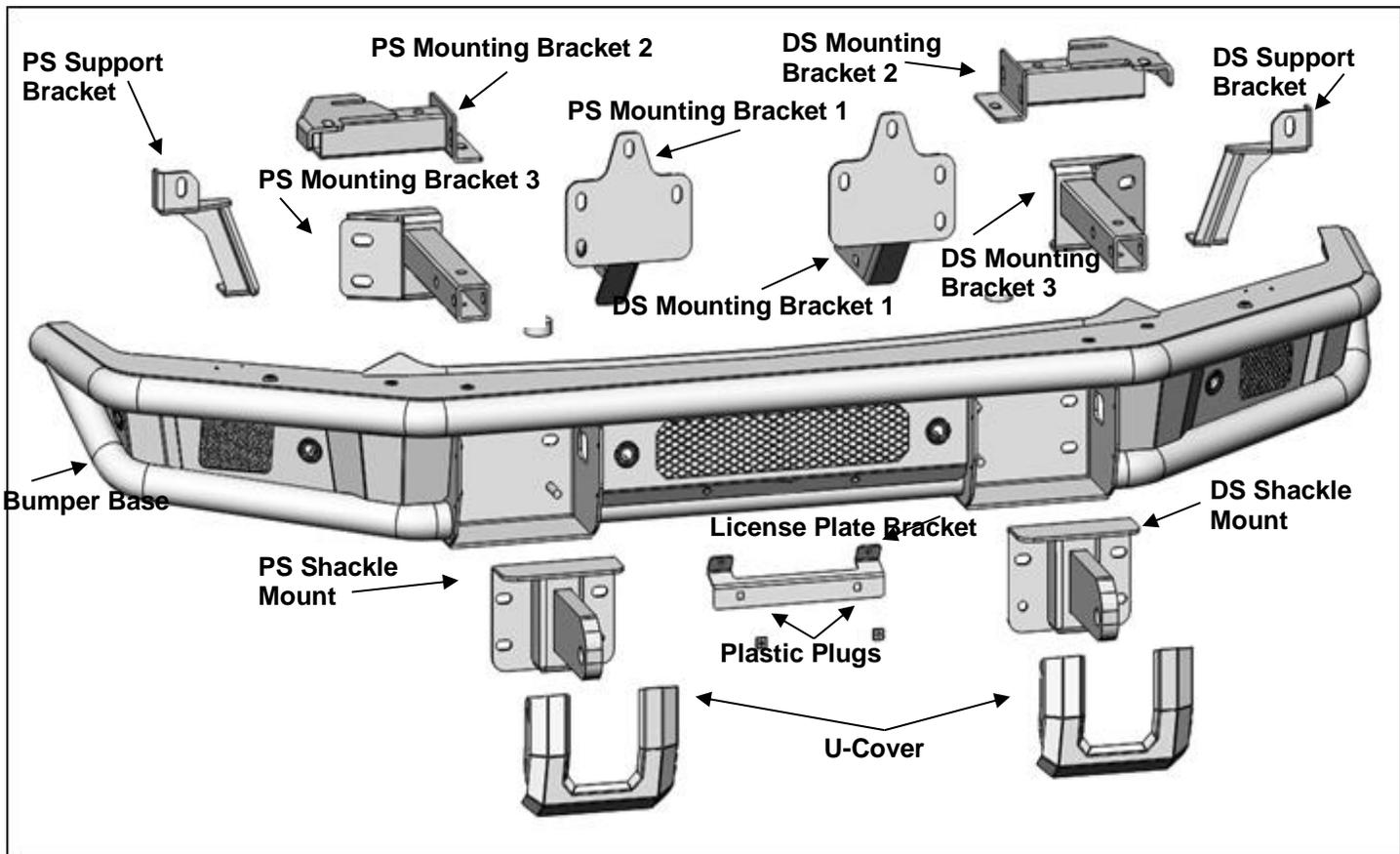
Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @ 1-800-222-7023. We will be happy to answer any questions concerning this product. Check all fasteners for proper torque. Check to ensure for adequate clearance between all components. Periodically check all hardware for tightness.

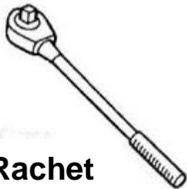
PARTS LIST:

Qty	Item Description	Qty	Item Description
1	Front Bumper	6	D19 Collision Proof Adhesive Pellets
1	DS/left Shackle Mount	12	ST4_15 Flat Head Self Tapping Screw
1	PS/right Shackle Mount	6	Plastic Plug (Without sensors) (PP)
1	DS/left Support Bracket	6	20mm x 10mm Foam Washer
1	PS/right Support Bracket	6	Retaining Cap (PP)
1	License Plate Bracket	6	15.5mm x 25mm x 2mm Foam Washer
2	U-Shaped Cover plate	1	Allen Wrench S=4
1	DS/left Bracket 1	14	6mm x 20mm Combo Bolts
1	PS/right Bracket 1	4	6mm Hex Flange Nuts
1	DS/Left fill in Mesh Panel	2	12-1.75mm x 40mm Hex Bolt
1	PS/Right fill in Mesh Panel	2	12-1.75mm x 50mm Hex Bolt
1	DS/left Bracket 2	4	12mm x 24mm x 2.5mm Flat Washers
1	PS/right Bracket 2	18	12mm Lock Washers
1	DS/left Bracket 3	28	12mm x 32mm x 3mm Flat Washers
1	PS/right Bracket 3	8	12-1.75mm x 90mm Hex Bolt
2	12-1.75mm x 60mm Single-Bolt Plate	18	12mm Hex Nuts
2	12-1.75mm x 60mm Double-Bolt Plate	4	14-2.00mm x 40mm Hex Bolts
2	14mm Nut plate	2	14-2.00mm x 60mm Hex Bolts
2	Spacer 2	6	14mm Lock Washers
8	12mm Plastic Retainers	6	14mm x 28mm x 2.5mm Flat Washers
2	Sensor harness extension	2	12mm Nylon Lock Nuts
2	License plate plastic plugs		



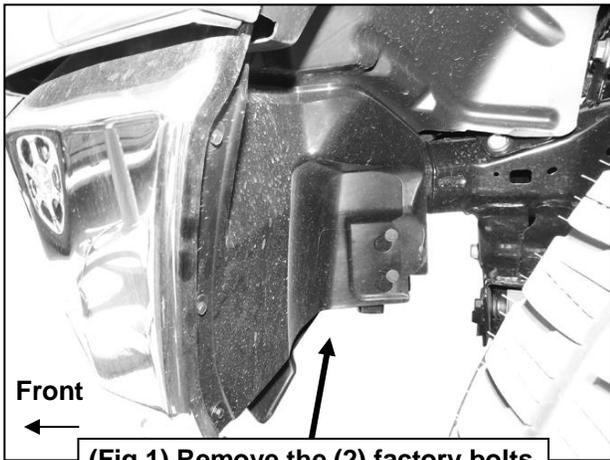


TOOLS REQUIRED

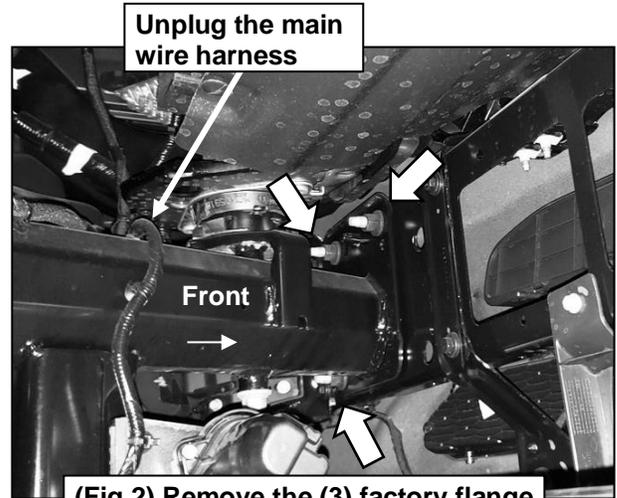
 <p>Ratchet</p>	 <p>Sockets</p>	 <p>Extensions</p>	 <p>Wrench</p>
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1 Follow (Fig 1 – 11) to remove factory bumper and prepare vehicle and Bumper for Bumper installation.

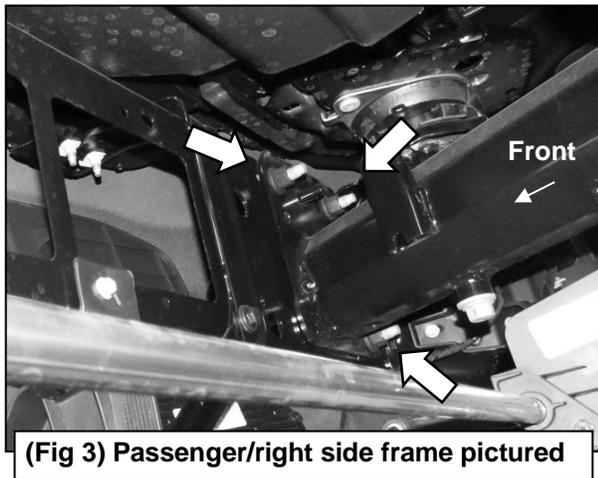




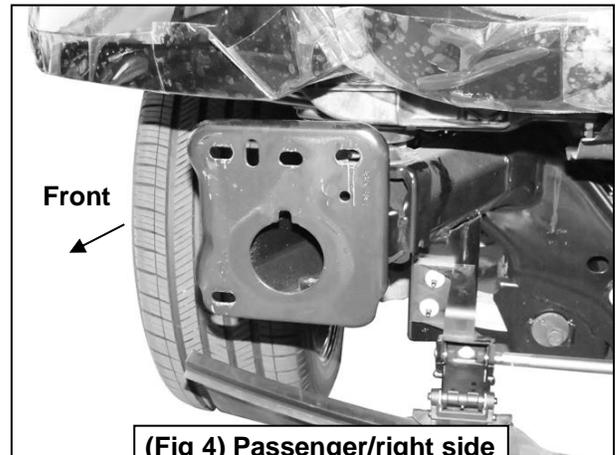
(Fig 1) Remove the (2) factory bolts attaching the side of the bumper to the frame (Driver/left side pictured)



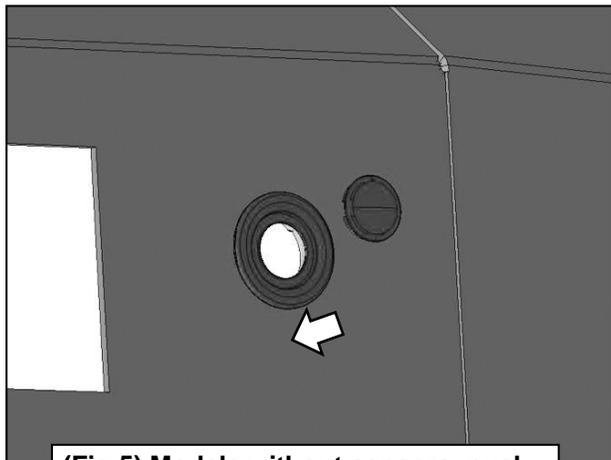
(Fig 2) Remove the (3) factory flange nuts from the driver/left side frame



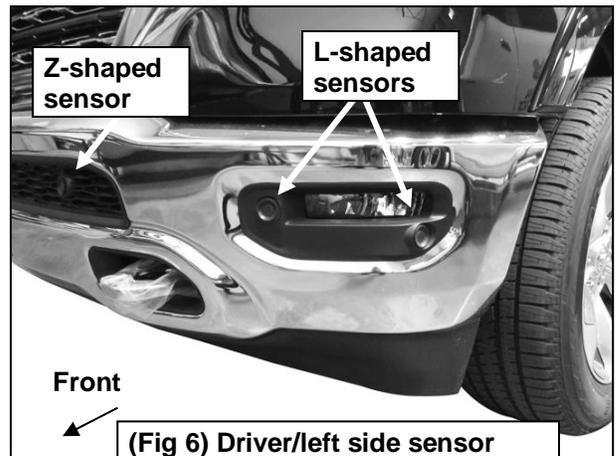
(Fig 3) Passenger/right side frame pictured



(Fig 4) Passenger/right side Frame mounting location

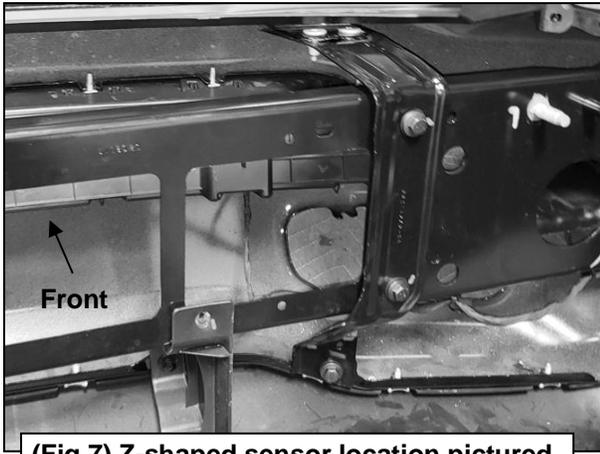


(Fig 5) Models without sensors, push Plastic Plugs into the sensor mounts

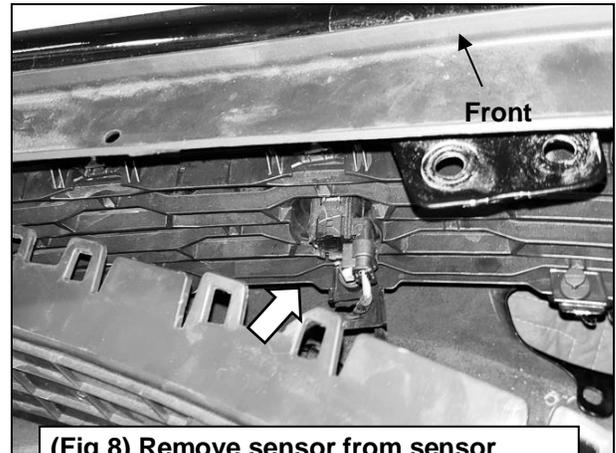


(Fig 6) Driver/left side sensor locations pictured with Bumper on for instruction purposes only

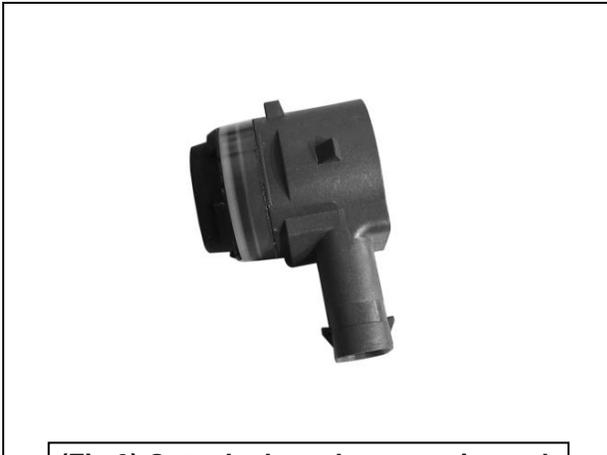




(Fig 7) Z-shaped sensor location pictured behind passenger/right side of bumper



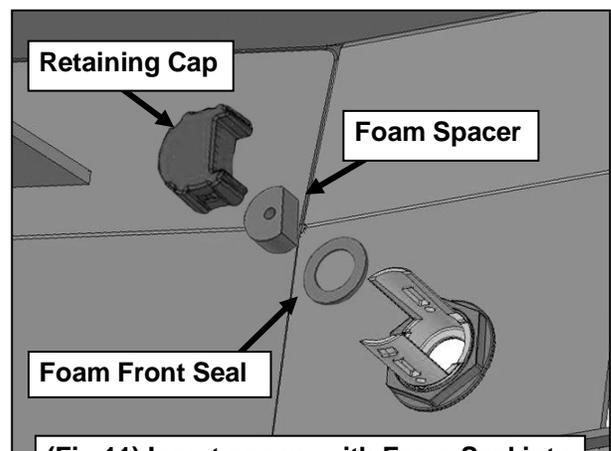
(Fig 8) Remove sensor from sensor sleeve (Passenger/right inner Z-shaped sensor pictured from behind bumper)



(Fig 9) Outer L-shaped sensor pictured

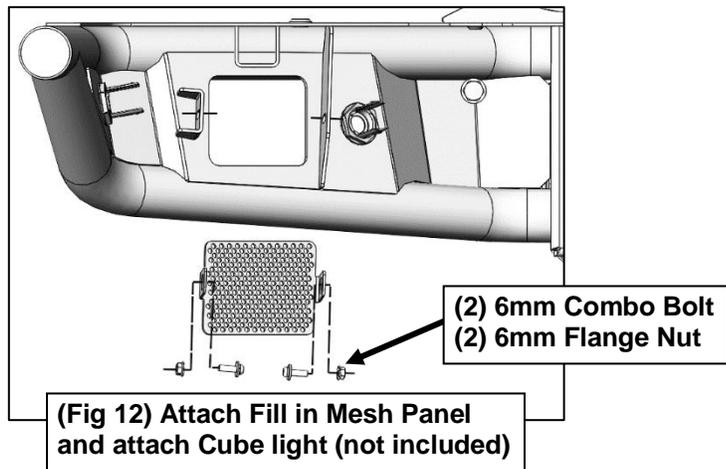


(Fig 10) Remove factory sealing washer from sensor and place (1) Foam Washer over the sensor (Inner Z-shaped sensor pictured)



(Fig 11) Insert sensor with Foam Seal into sensor Mount. Place Foam Spacer onto sensor. Snap Cap onto sensor and Mount

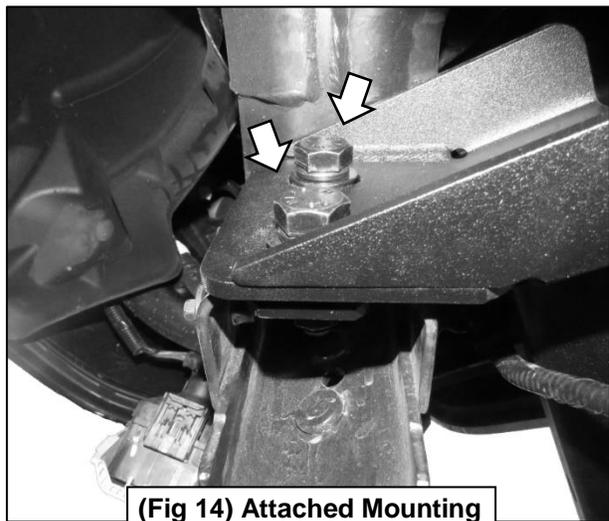
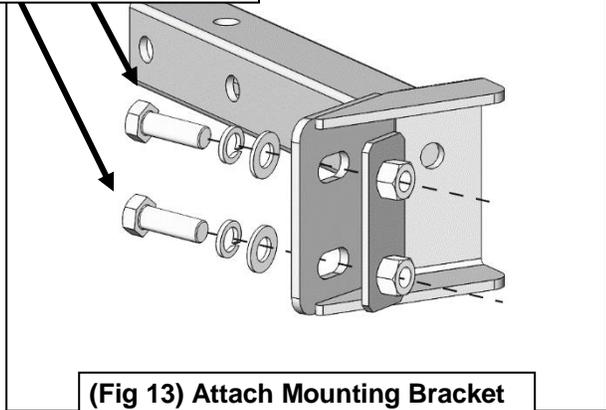


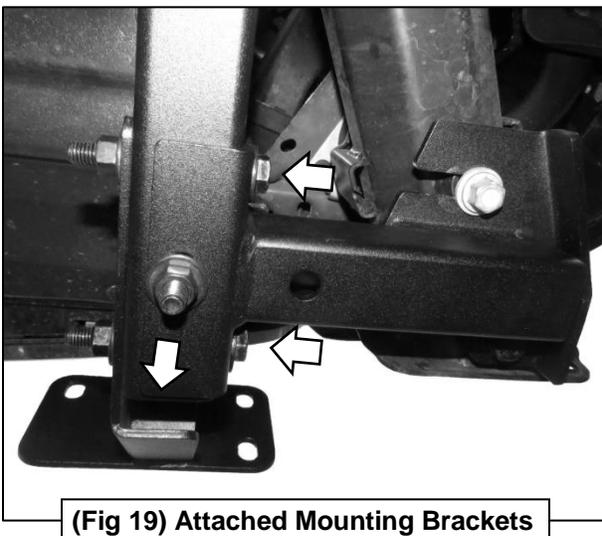
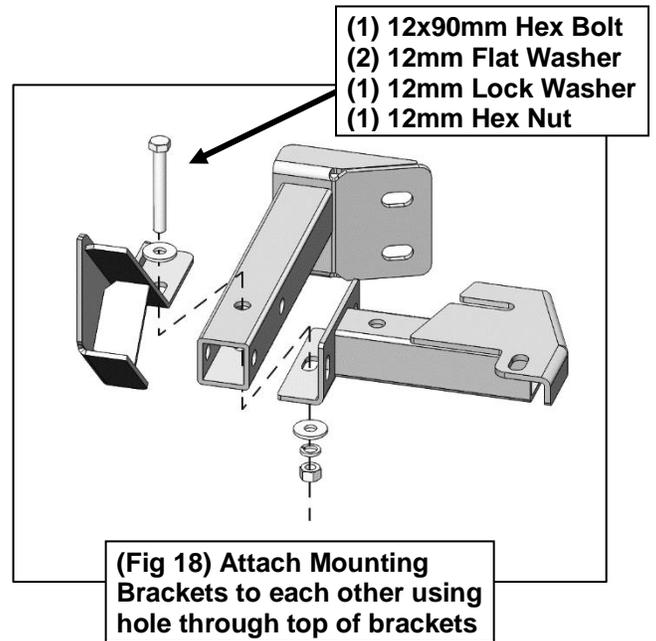
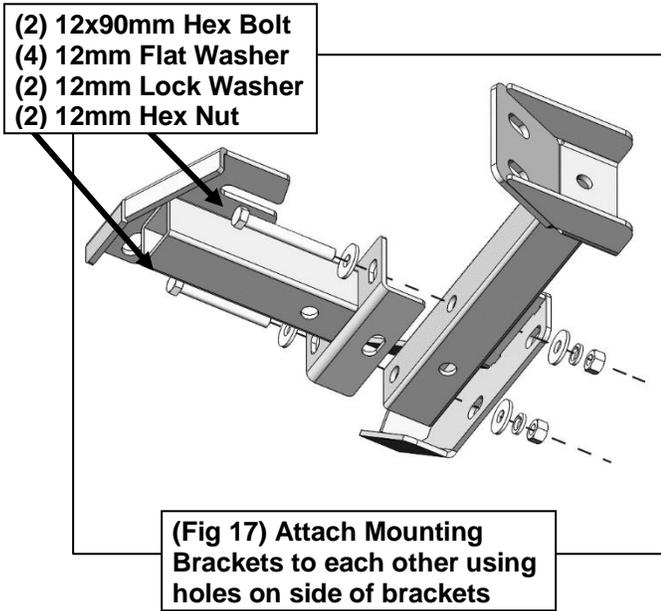
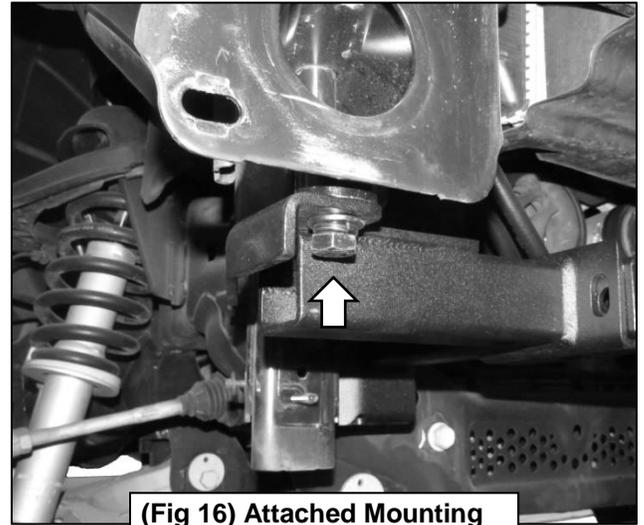
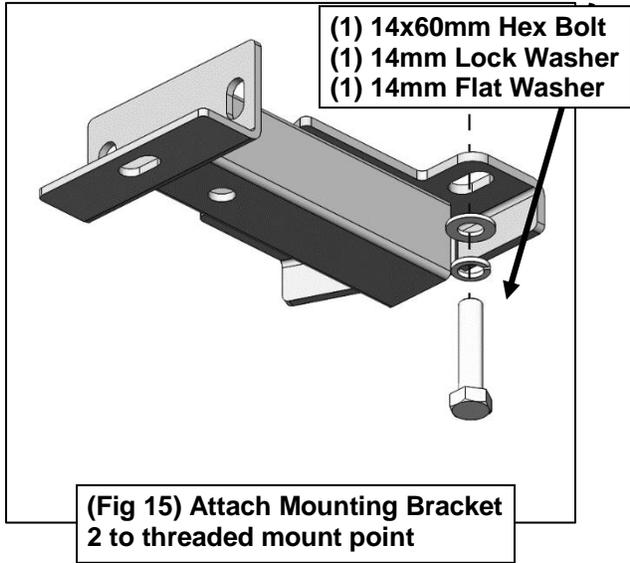


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Follow (Fig 13 – 19) to attach Mounting Brackets 1, 2, & 3 to vehicle, then attach Mounting Brackets to each other. Ensure hardware is hand tightened at this point.

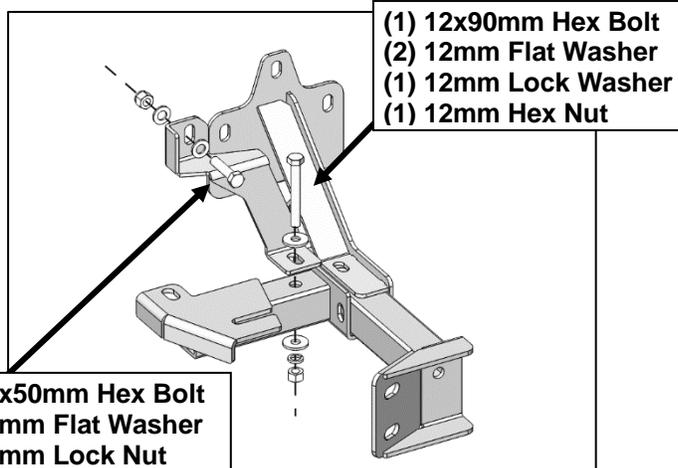
- (2) 14x40mm Hex Bolt
- (2) 14mm Lock Washer
- (2) 14mm Flat Washer
- (1) 14mm Nut Plate



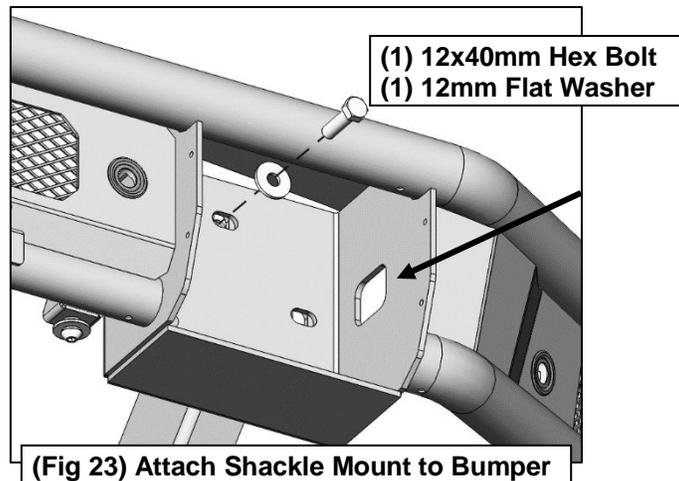
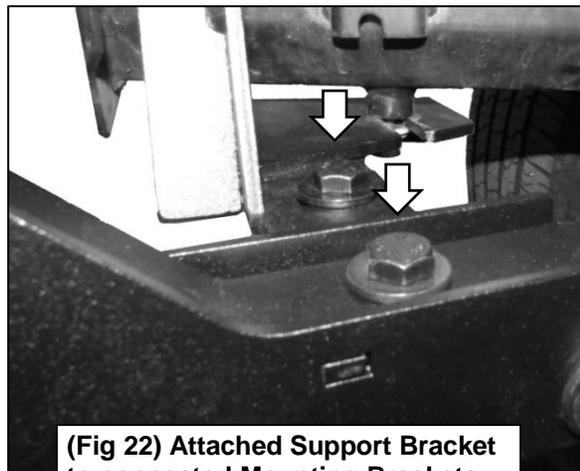
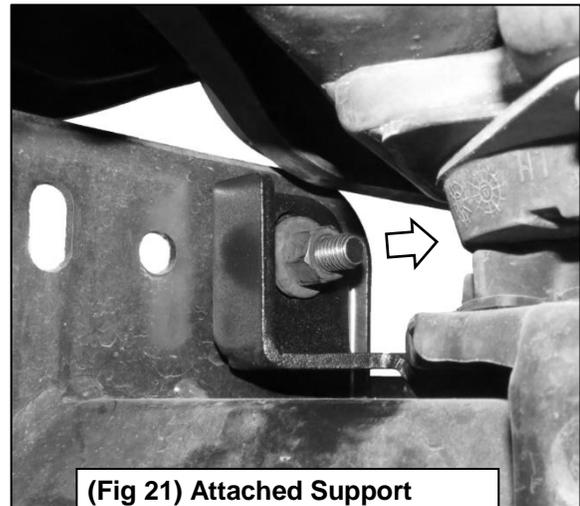


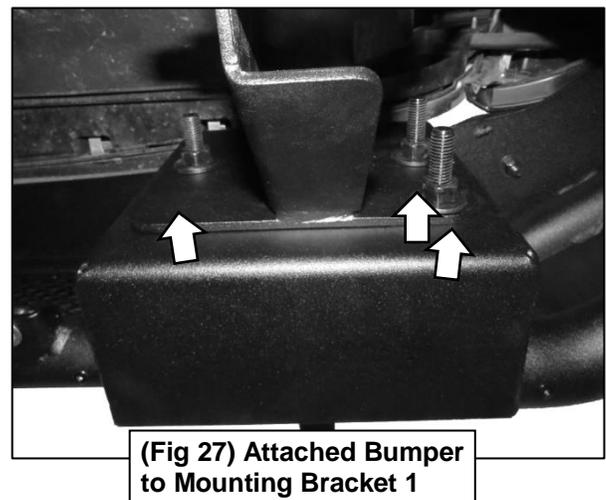
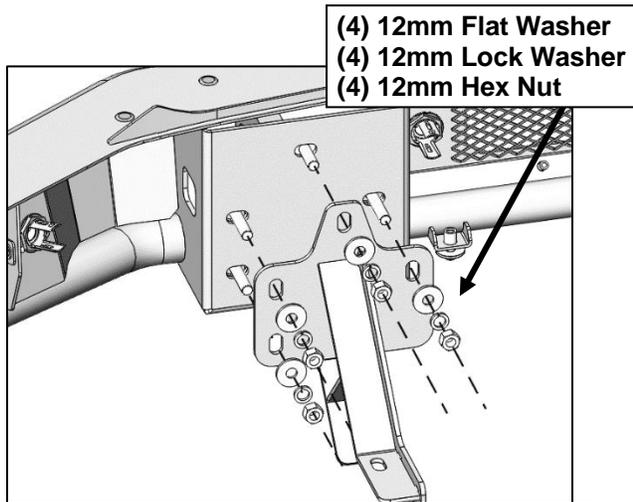
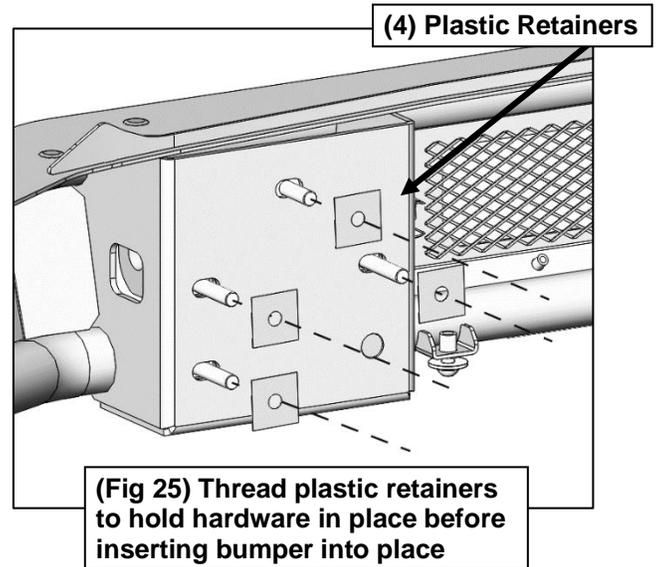
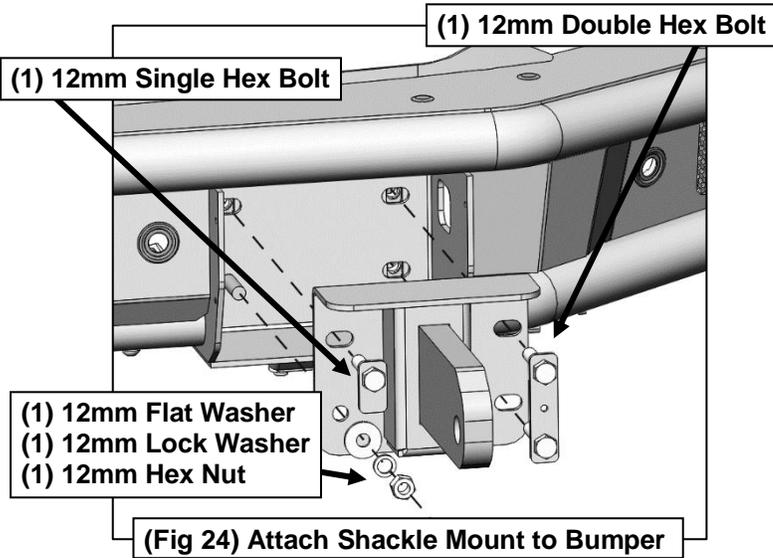
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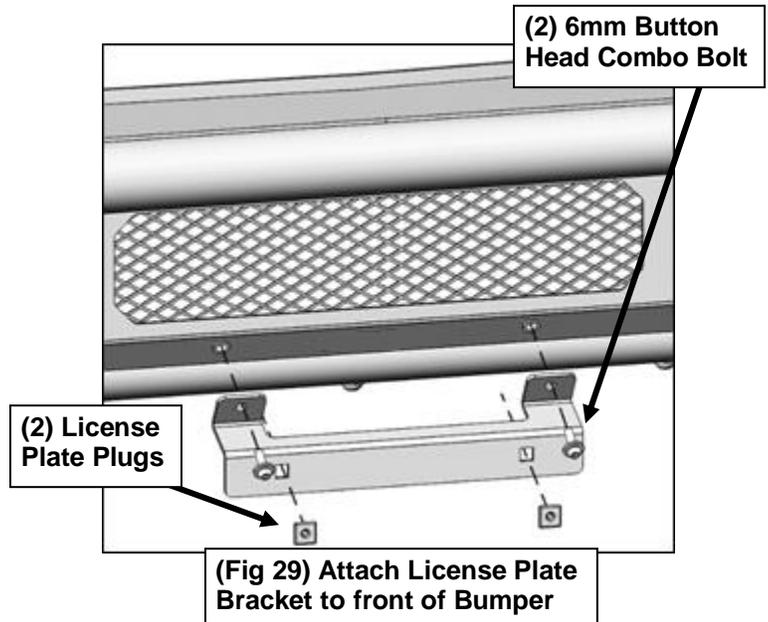
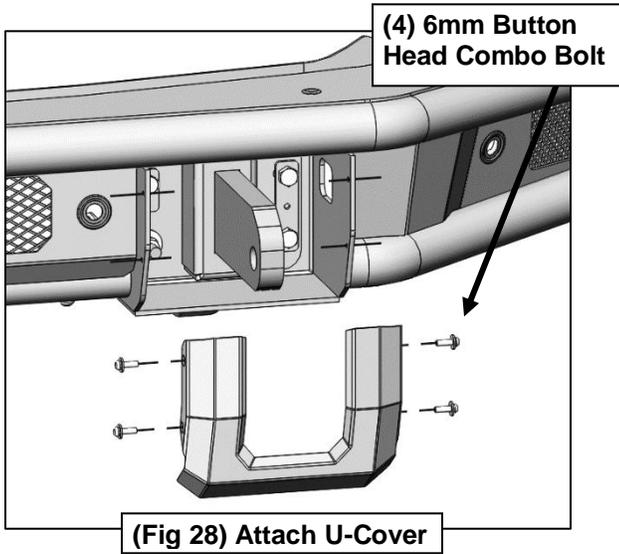
Follow (Fig 20 – 29) to attach Support Brackets, then attach shackle mount to bumper, and bumper to vehicle. Ensure hardware is hand tightened at this point.



(Fig 20) Attach Support Bracket to connected Mounting Brackets and vehicle







4

Ensure Bumper is level and fits properly, adjust as needed and then tighten all hardware and double check all connections. Installation is complete. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



