



TYGER®

TYGER FRONT BUMPER

TG-BP7T32577

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BEFORE INSTALLATION

READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM, PLEASE VISIT: WWW.TYGERAUTO.COM/CONTACT

TORQUE VALUES

Fastener Size	Class 8.8 Torque (ft-lbs)	Class 10.9 Torque (ft-lbs)
6mm	6-7	6-7
8mm	15-16	22-23
10mm	31-32	44-45
12mm	54-55	78-79
14mm	87-88	125-126

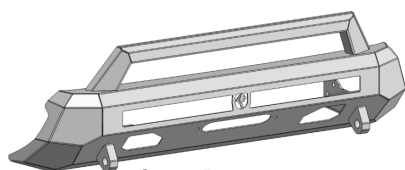
- x1** TYGER Center Bumper
- x1** Winch Tray Assembly
- x2** Plastic Plugs for License Plate
- x3** 8mm-1.25mm x 30mm Cooler Relocation Bolt Plates
- x1** 8mm-1.25mm x 25mm Winch Control Unit Bolt Plates
- x1** 2000mm Edge Trim
- x10** Zip Ties (2.75x1x200)
- x1** License Plate Bracket
- x1** Winch Control Unit Bracket
- x6** 12mm x 24mm x 2.5mm Flat Washers
- x2** 12-1.5mm x 120mm Hex Bolts
- x2** 12mm Nylon Lock Nuts
- x6** 12-1.5mm x 45mm Hex Bolts
- x6** 12mm Lock Washers
- x2** 12mm x 32mm x 3mm Flat Washers
- x2** 12mm x 44mm x 4mm Flat Washers
- x4** 10mm x 20mm x 2mm Flat Washers
- x2** 10-1.25mm x 30mm Button Head Bolt
- x2** 10mm Nylon Lock Nuts
- x4** 6-1.0mm x 20mm Hex Bolt with Flange
- x2** 6mm Nylon Lock Nuts
- x2** 6-1.0mm x 20mm Button Head Bolts
- x1** 8mm x 16mm x 1.6mm Flat Washer
- x4** 6mm x 18mm x 1.6mm Flat Washers
- x3** 8mm x 24mm x 2mm Flat Washers

- x4** 8mm Nylon Lock Nuts
- x2** 8mm Hex Nuts
- x1** B1472 Light Bar Box
- x1** Light Bar Harness
- x1** 6mm Wrench

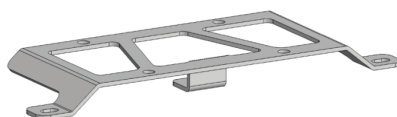
Light Bar Inner Box

- x1** Light Bar with Mounting Hardware
- x1** Light Bar Cable

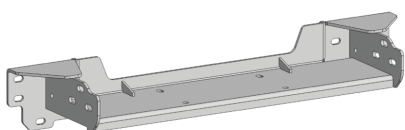
Parts List



Center Bumper



Winch Control Unit Bracket



Winch Tray Assembly



License Plate Bracket



x2 12-1.5mm x 120mm Hex Bolts

x6 12-1.5mm x 45mm Hex Bolts



x6 12mm Lock Washers



x2 12mm x 32mm x 3mm Flat Washers

x2 12mm x 44mm x 4mm Flat Washers

x6 12mm x 24mm x 2.5mm Flat Washers

x4 10mm x 20mm x 2mm Flat Washers

x1 8mm x 16mm x 1.6mm Flat Washer

x4 6mm x 18mm x 1.6mm Flat Washers

x3 8mm x 24mm x 2mm Flat Washers



x2 10mm Nylon Lock Nuts

x2 6mm Nylon Lock Nuts

x2 12mm Nylon Lock Nuts

x4 8mm Nylon Lock Nuts



x2 10-1.25mm x 30mm Button Head Bolts

x2 6-1.0mm x 20mm Button Head Bolts



x4 6-1.0mm x 20mm Hex Bolts with flange



x1 8mm-1.25mm x 25mm Winch Control Unit Bolt Plate



x3 8mm-1.25mm x 30mm Cooler Relocation Bolt Plates






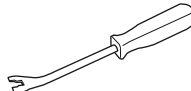


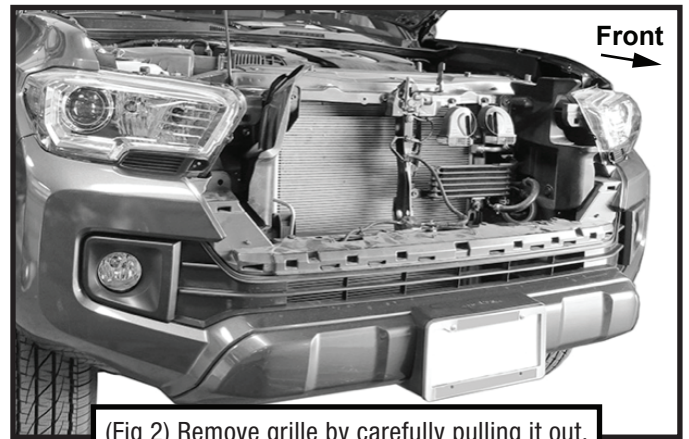
x1 6mm Wrench



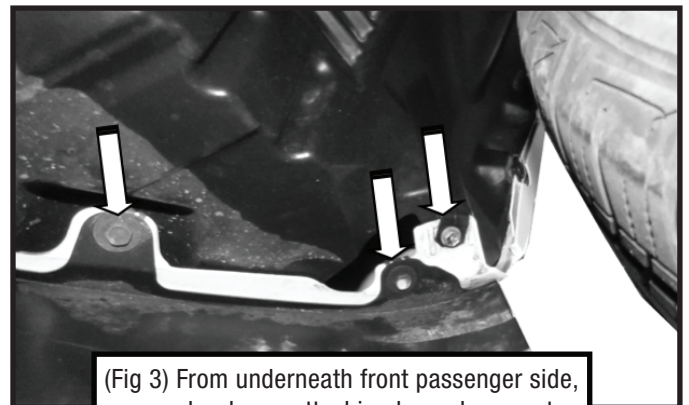
x2 8mm Hex Nuts

TOOLS REQUIRED

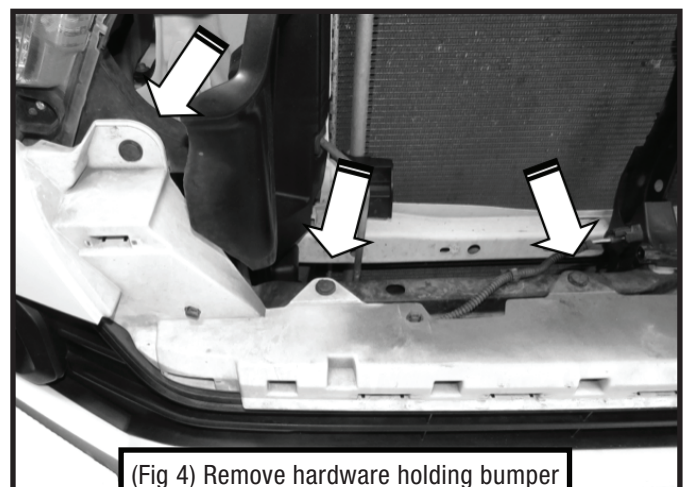
 <p>Ratchet</p>	 <p>Extensions</p>
 <p>10mm Socket 13mm Socket 14mm Socket 16mm Socket</p>	 <p>Wrench</p>
 <p>Plastic Cutting Tool</p>	 <p>Clip Remover Tool</p>



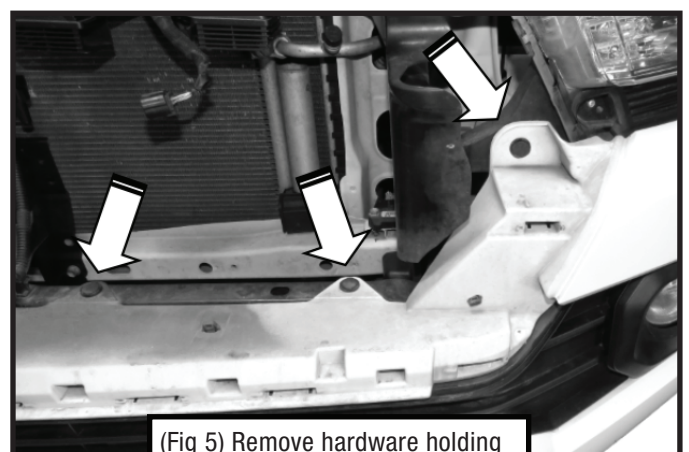
(Fig 2) Remove grille by carefully pulling it out.



(Fig 3) From underneath front passenger side, remove hardware attaching lower bumper to frame. Repeat on driver side



(Fig 4) Remove hardware holding bumper to vehicle from Passenger/Right

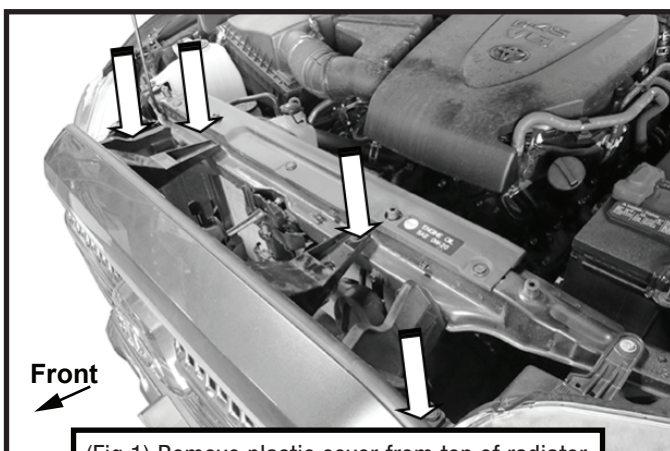


(Fig 5) Remove hardware holding bumper to vehicle from Driver/Left

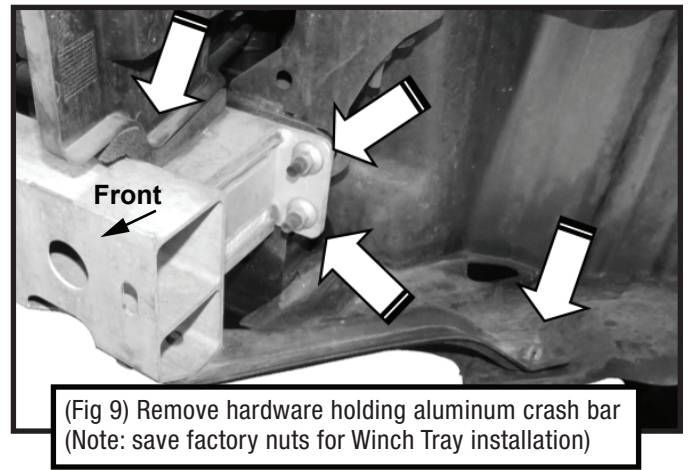
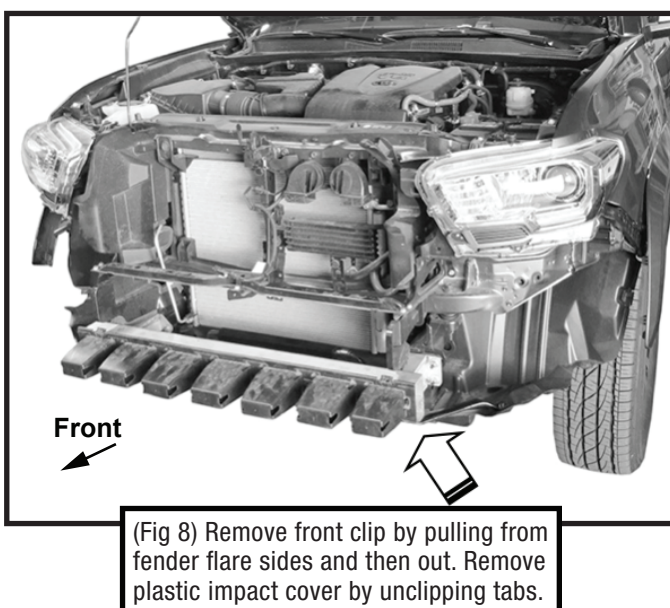
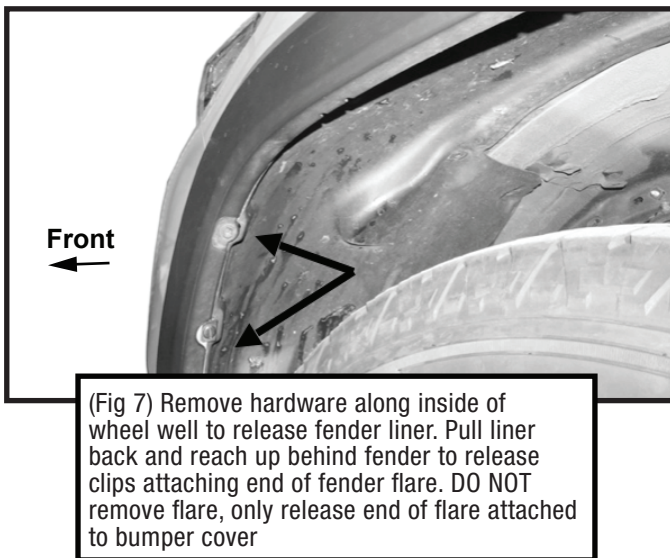
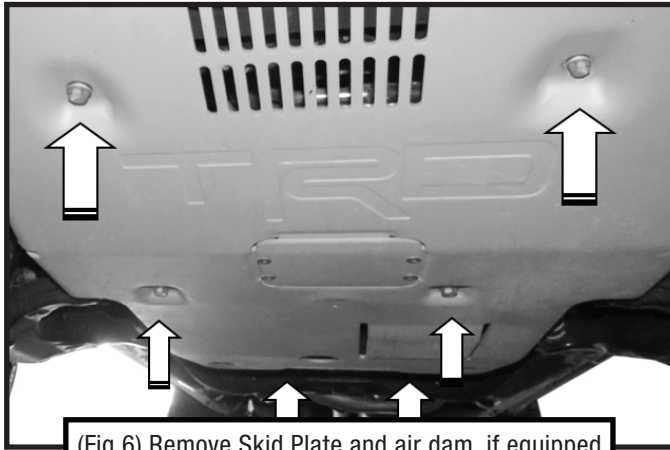
STEP 1

REMOVE FACTORY FRONT BUMPER ASSEMBLY

Follow (Fig 1 – 14) to remove front hardware and bumper, then relocate cooler.

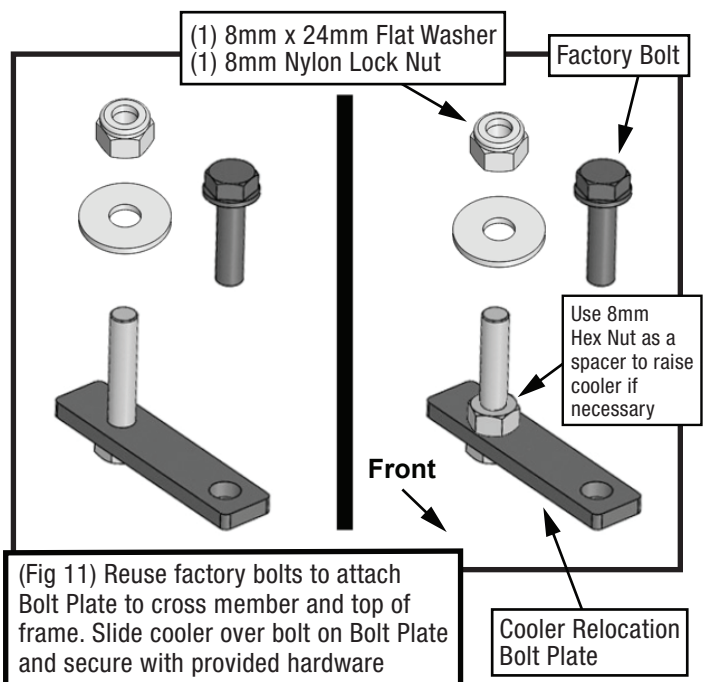
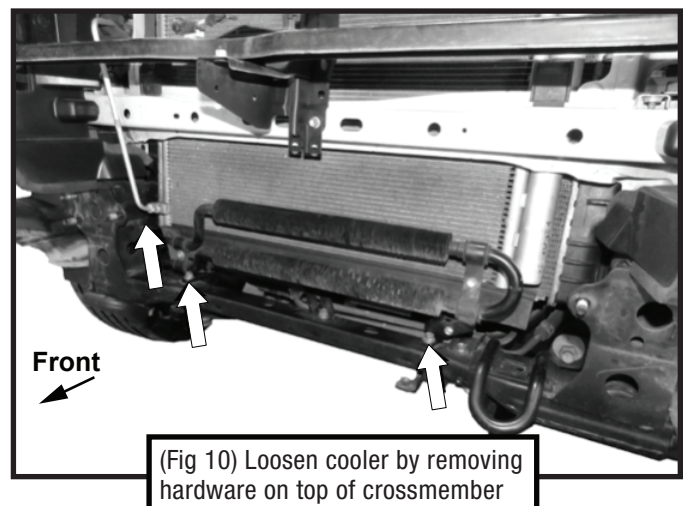


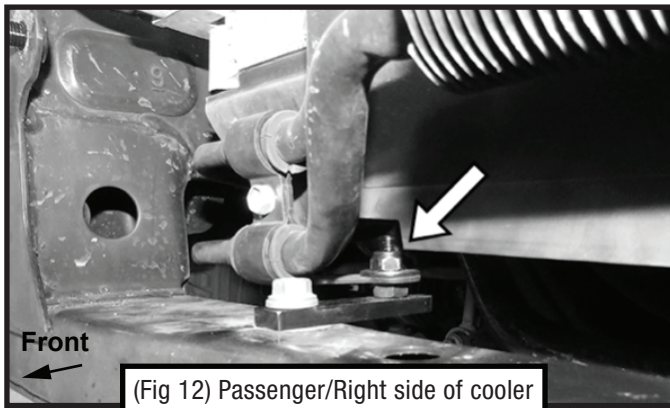
(Fig 1) Remove plastic cover from top of radiator. Remove (2) 6mm bolts and (2) plastic clips to remove grille. Note: Cover will not be reinstalled to allow access to winch clutch release lever



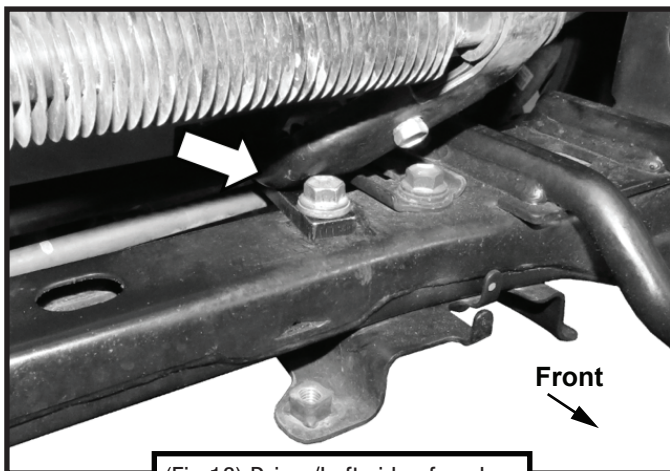
STEP 2 RELOCATE COOLER

Follow (Fig 10 – 14) to relocate cooler.

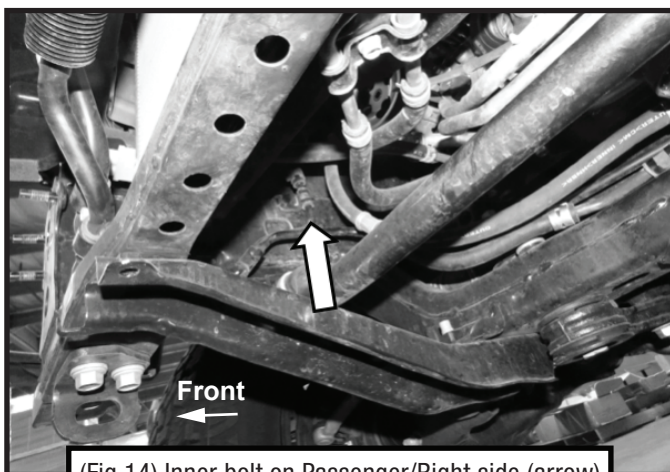




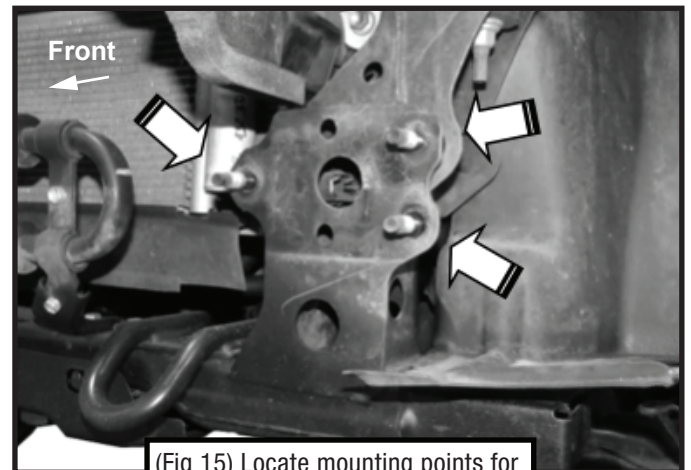
(Fig 12) Passenger/Right side of cooler relocated towards radiator (arrow)



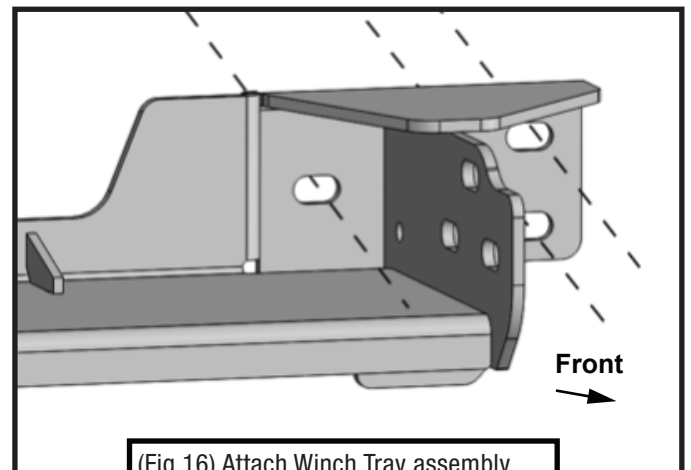
(Fig 13) Driver/Left side of cooler relocated towards radiator (arrow)



(Fig 14) Inner bolt on Passenger/Right side (arrow)

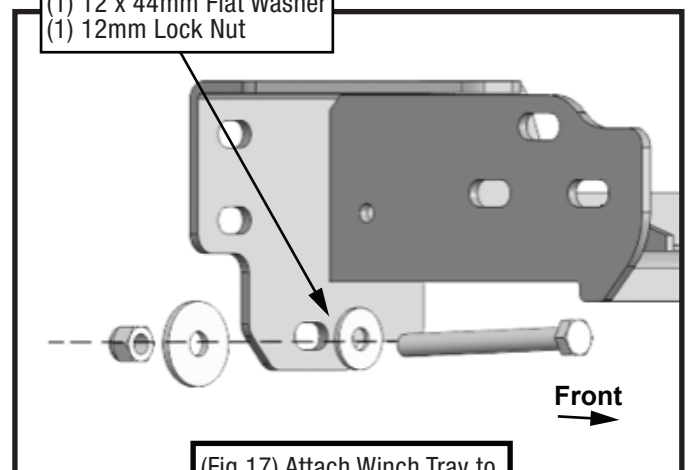


(Fig 15) Locate mounting points for Winch Tray assembly installation



(Fig 16) Attach Winch Tray assembly to mounting points reusing factory nuts

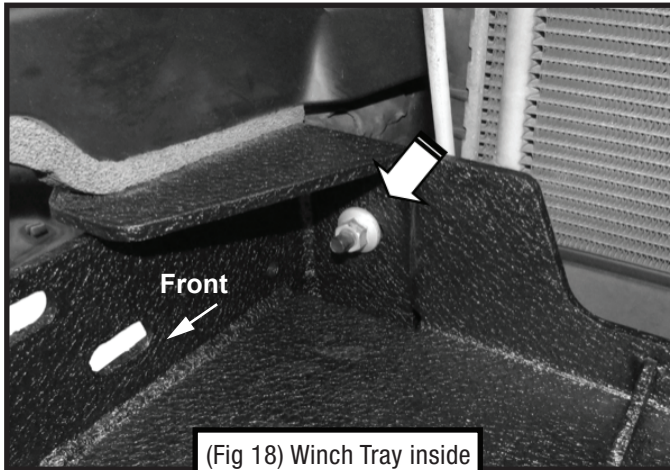
- (1) 12 x 120mm Hex Bolt
- (1) 12 x 32mm Flat Washer
- (1) 12 x 44mm Flat Washer
- (1) 12mm Lock Nut



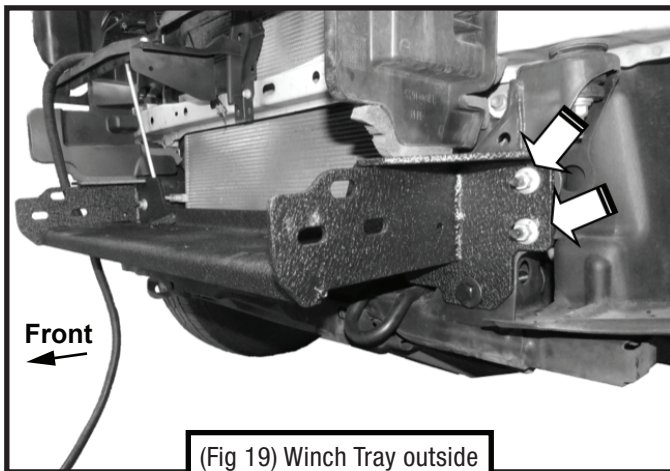
(Fig 17) Attach Winch Tray to additional mounting point

STEP 3 ATTACH WINCH TRAY

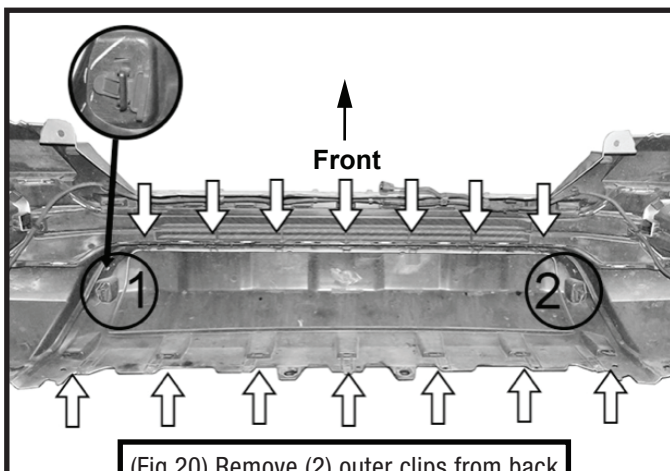
Follow (Fig 15 – 20) to attach Winch Tray to vehicle. Ensure hardware is hand tightened.



(Fig 18) Winch Tray inside mounting slots attached



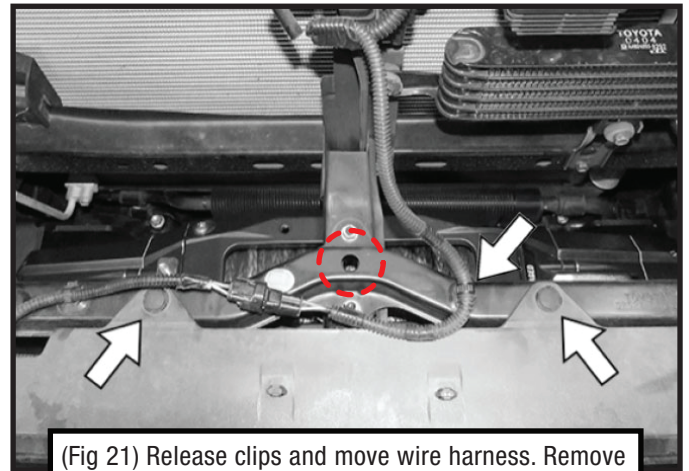
(Fig 19) Winch Tray outside mounting slots attached



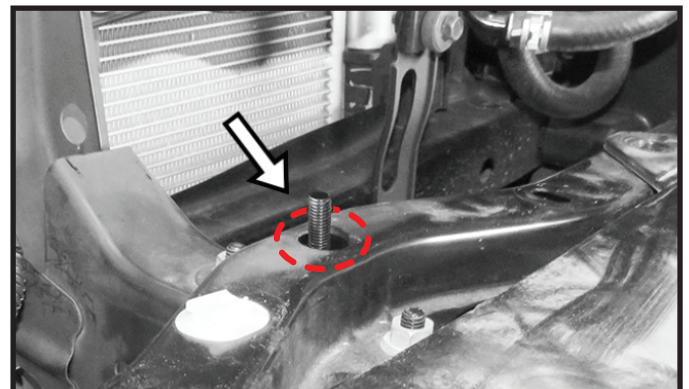
(Fig 20) Remove (2) outer clips from back of bumper cover, then release clips from top and bottom to remove center cover.

STEP 4 INSTALL CONTROL UNIT BRACKET

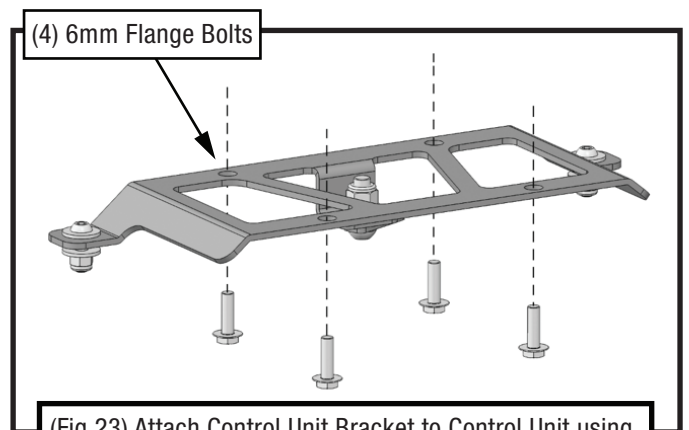
Follow (Fig 21 – 27) to attach Control Unit, cut to clear area for control unit and release lever, then reattach hardware and attach License Plate Bracket. Ensure hardware is hand tightened at this point.



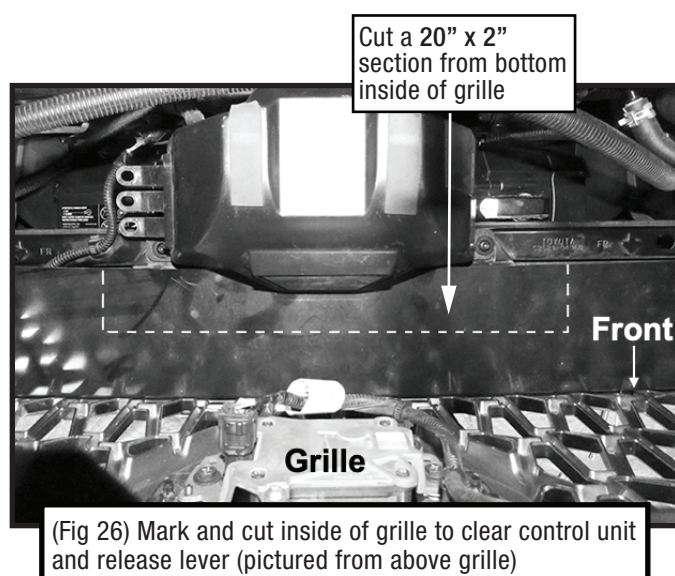
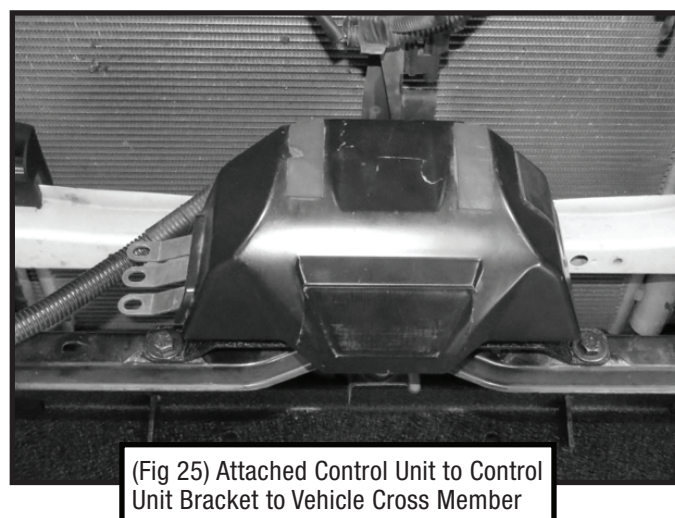
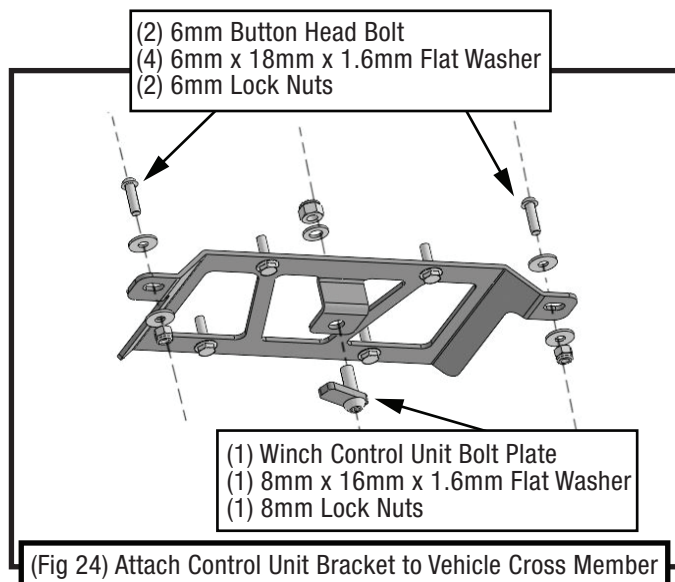
(Fig 21) Release clips and move wire harness. Remove (2) clips attaching top of bumper cover (arrows)



(Fig 22) Insert Bolt Plate into hole in top of crossmember (arrows)

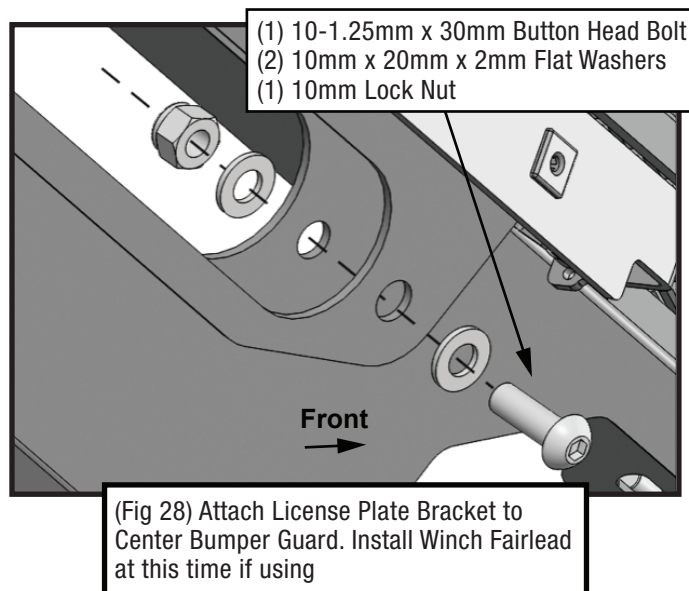


(Fig 23) Attach Control Unit Bracket to Control Unit using Flange Bolts. Follow your Control Unit's installation guide on how to secure the Unit



STEP 5 INSTALL CENTER BUMPER

Follow (Fig 28 – 31) to install Center Bumper to Winch Plate Assembly.



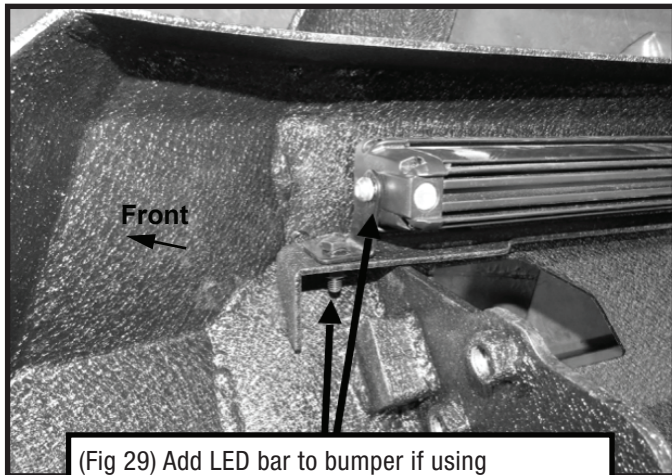
INSTALLING THE LIGHT BAR

⚠ Note:

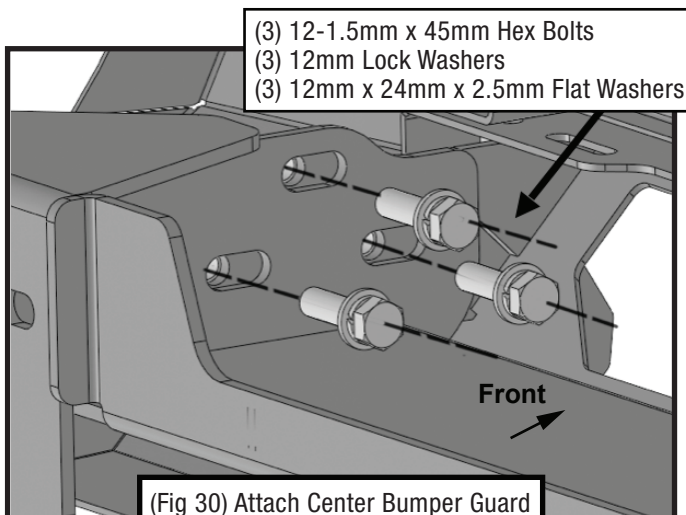
Light Bar, Brackets, Hardware, Light Bar Cable are inside the B1472 Inner Carton. **DT Connector Wiring Harness** is packed in the Main Carton Bag.

Mount the LED Light Bar with provided Brackets and Hardware from the inner carton. Install the Light Bar Cable, then connect it to the battery directly, OR attach to the DT Connector Wiring Harness. Then feed the Wire Switch through the firewall grommet near the driver side.

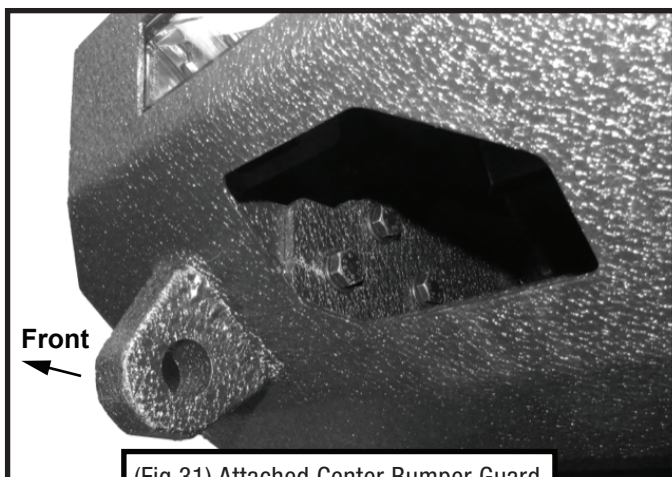
Go over the separate **Diagram** for detailed layout and specification of the Harness.



(Fig 29) Add LED bar to bumper if using
*NOTE - (Install LED bar with wiring on driver side)



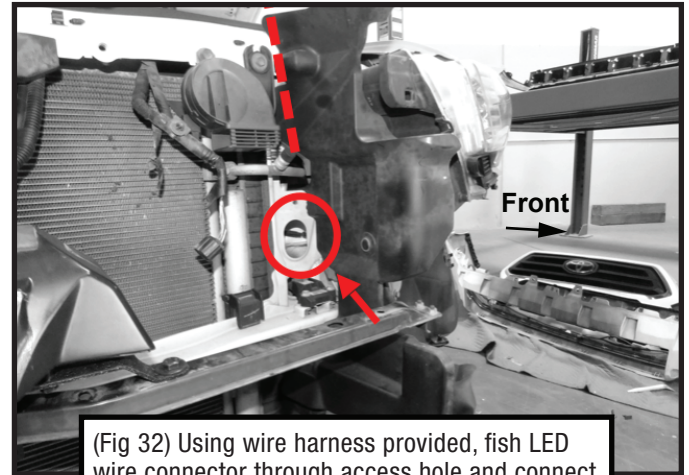
(Fig 30) Attach Center Bumper Guard to Winch Tray assembly



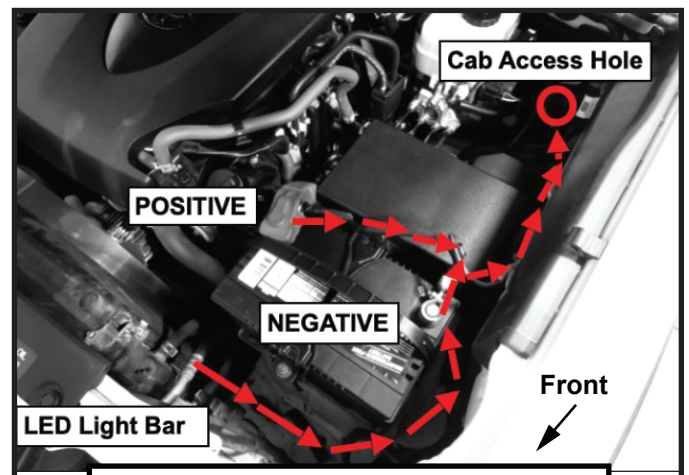
(Fig 31) Attached Center Bumper Guard

STEP 6 ROUTE LIGHT BAR WIRE

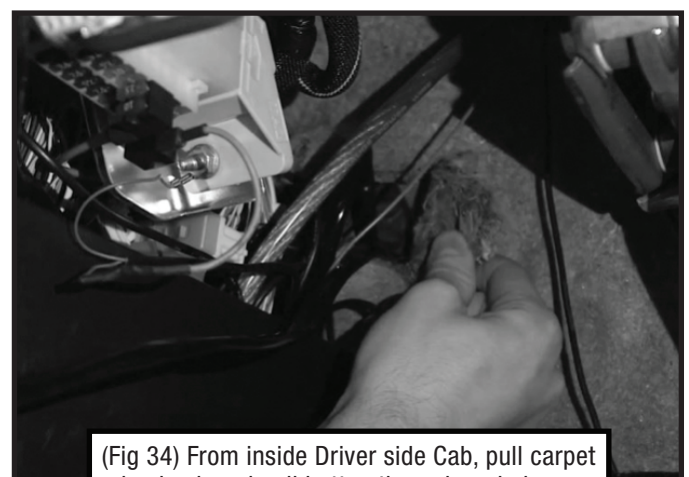
Follow (Fig 32 – 34) to wire the LED lightbar from the front grille into the engine bay and to the Driver side cab.



(Fig 32) Using wire harness provided, fish LED wire connector through access hole and connect to LED Light Bar



(Fig 33) Tap positive (RED) and negative (BLACK) ends to correct outlets and route Button end through Cab Access Hole to enter cab



(Fig 34) From inside Driver side Cab, pull carpet edge back and pull button through and place button on preferred location

STEP 7 **COMPLETION**

Ensure Center Bumper Guard is level, then tighten all fasteners. Installation is complete. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



Completed Installation