



TYGER GUARD®

TG-GD6F60558

BEFORE INSTALLATION

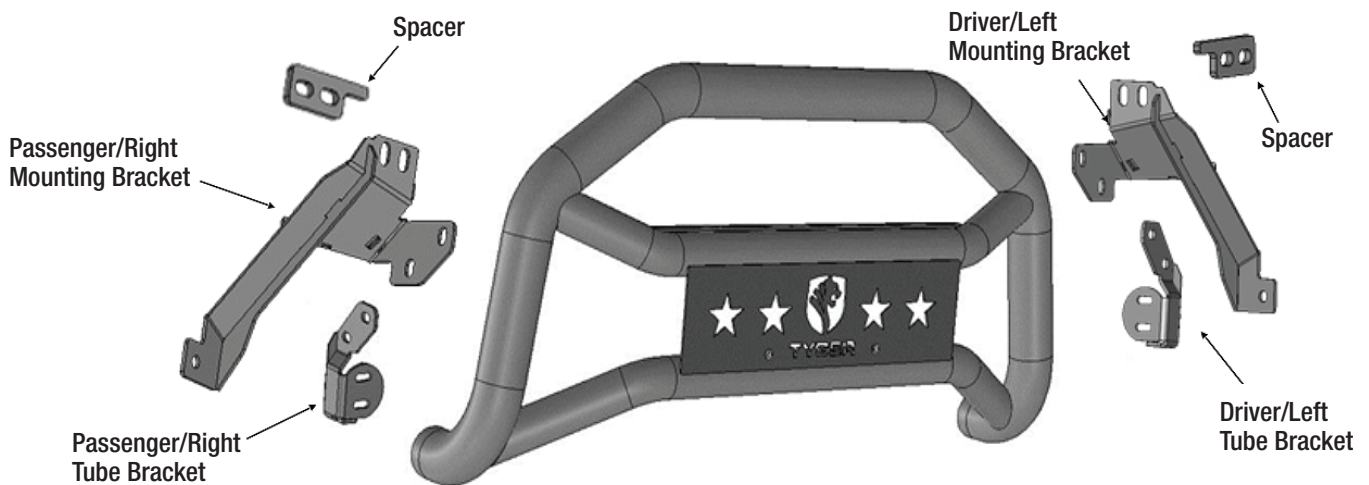
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM, 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 Guard
- x1** Driver/Left Mounting Bracket
- x1** Passenger/Right Mounting Bracket
- x1** Driver/Left Tube Bracket
- x1** Passenger/Right Tube Bracket
- x4** 10mm x 40mm Hex Bolts
- x4** 10mm x 35mm Hex Bolts
- x4** 10mm x 50mm Hex Bolts
- x16** 10mm x 27mm OD x 3mm Flat Washers
- x8** 10mm Nylon Lock Nuts
- x4** 8mm x 35mm Hex Bolts
- x4** 8mm x 24mm OD x 2mm Large Flat Washers
- x4** 8mm Lock Washers
- x2** 6mm x 20mm Button Head Combo Bolts
- x1** 4mm Wrench
- x2** Spacers

Parts List

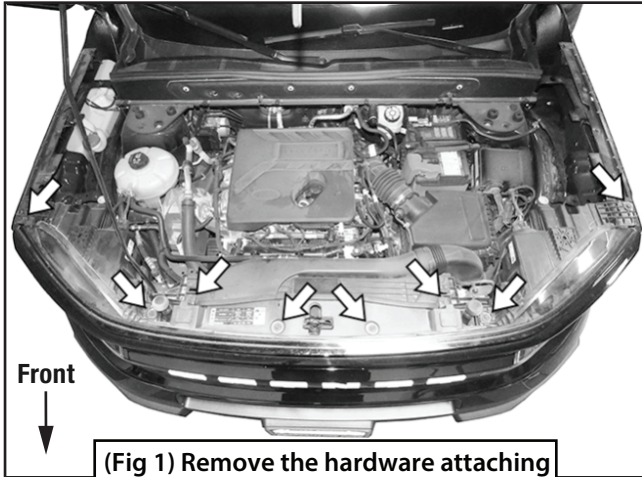


PROCEDURE:

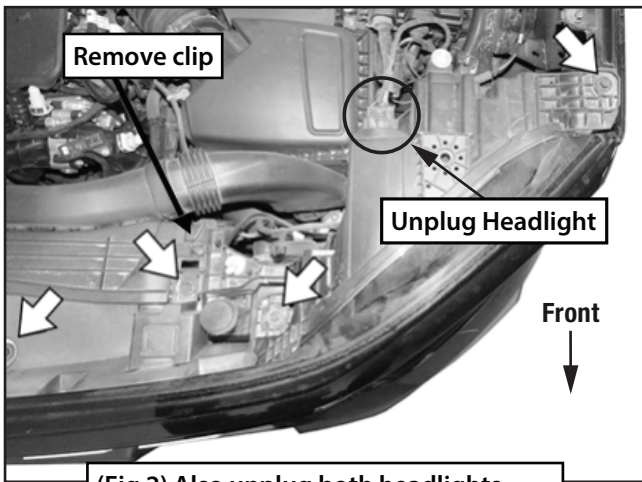
REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. CUTTING IS REQUIRED. ASSISTANCE IS RECOMMENDED.

STEP 1

Starting at the front of the vehicle, open the hood and remove the (8) bolts from the top of the plastic cover (Figs 1 & 2). Also unplug both head light assemblies.



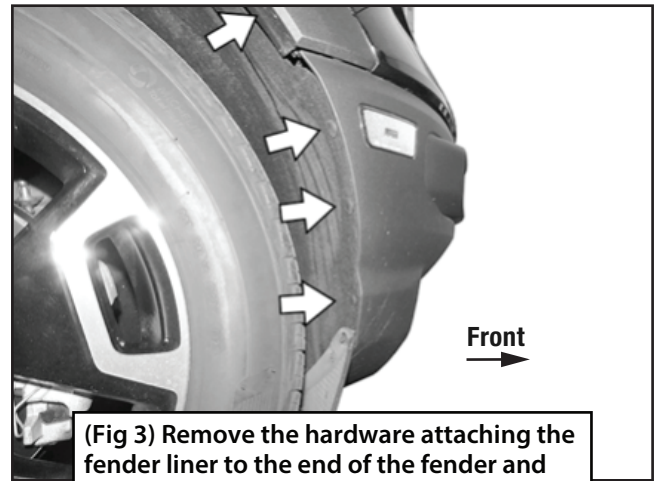
(Fig 1) Remove the hardware attaching the top of the bumper cover.



(Fig 2) Also unplug both headlights. Driver/left side pictured close up to show mounting hardware and locations

STEP 2

Move to the passenger/right front wheel opening. Remove the hardware attaching the fender liner to the bumper cover and end of front fender (Fig 3). Firmly pull the end of the passenger/right fender flare from the fender and bumper (Fig 4). Don't remove the entire flare, only release the forward end attached to the bumper cover and end of fender.



(Fig 3) Remove the hardware attaching the fender liner to the end of the fender and front bumper cover (passenger/right side pictured)



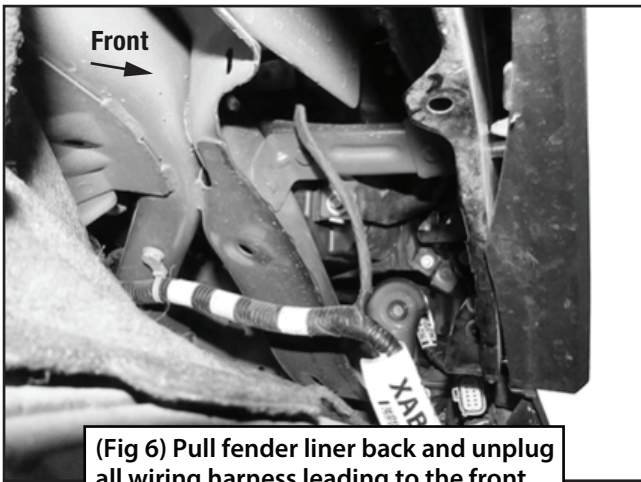
(Fig 4) Firmly pull the front end of the fender flare to release from clips. Only release front end of flare, do not remove flare

STEP 3

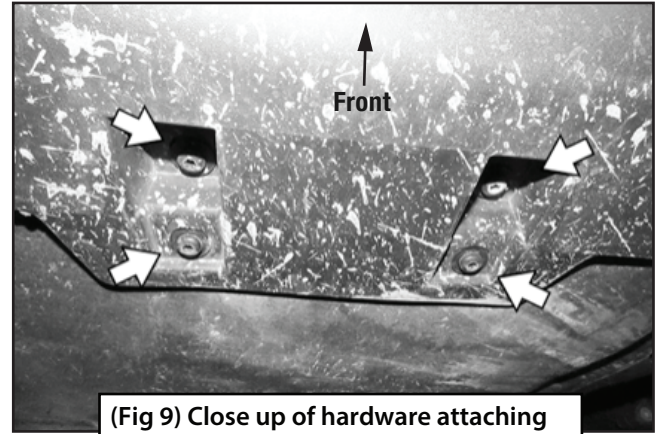
Remove the screw attaching the bottom of the bumper cover to the fender liner (Fig 5). Pull back the liner and unplug all wiring harnesses leading to the front bumper cover (Fig 6).



(Fig 5) Remove screws attaching bottom of bumper cover to inner liner (arrow)



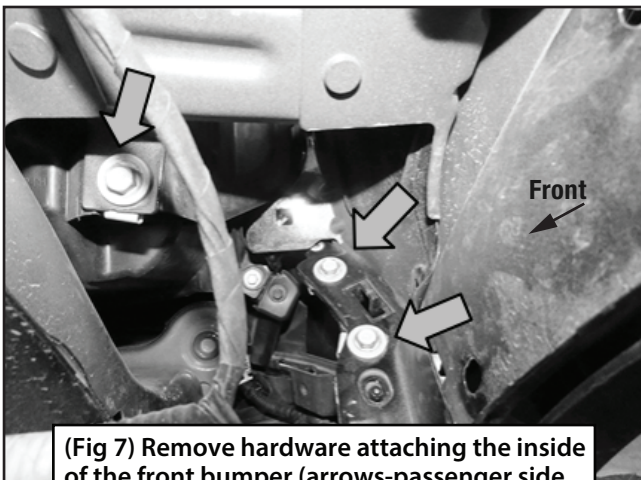
(Fig 6) Pull fender liner back and unplug all wiring harness leading to the front bumper cover



(Fig 9) Close up of hardware attaching the bottom of the bumper to the vehicle

STEP 4

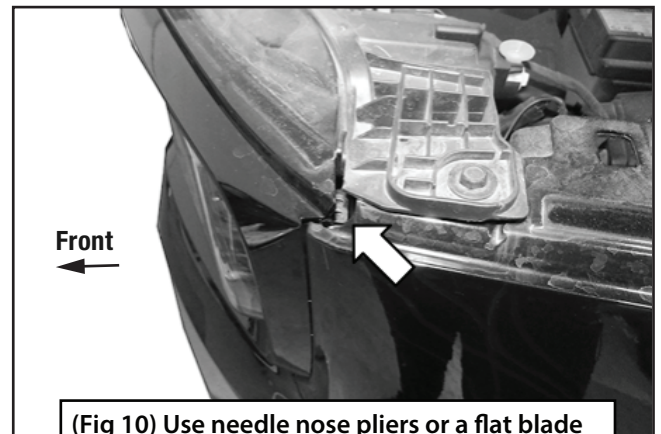
From inside the wheel well, locate and remove the (3) bolts attaching the bumper to the end of the fender (Fig 7).



(Fig 7) Remove hardware attaching the inside of the front bumper (arrows-passenger side pictured from behind bumper cover)

STEP 6

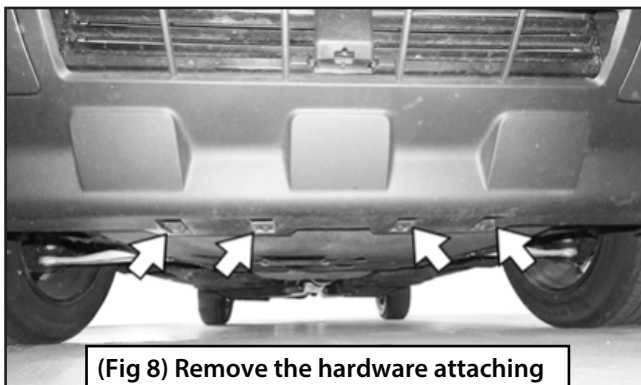
Release the clip attaching the rear of the headlight assembly to the front end of the fender (Fig 10).



(Fig 10) Use needle nose pliers or a flat blade screwdriver to release the headlight clip from the end of the fender (driver/left side pictured)

STEP 5

Remove the hardware attaching the bottom of the bumper to the vehicle (Figs 8 & 9).



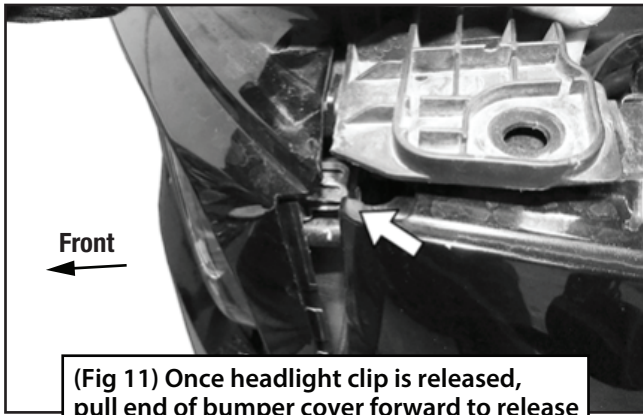
(Fig 8) Remove the hardware attaching the bottom of the bumper to the vehicle

STEP 7

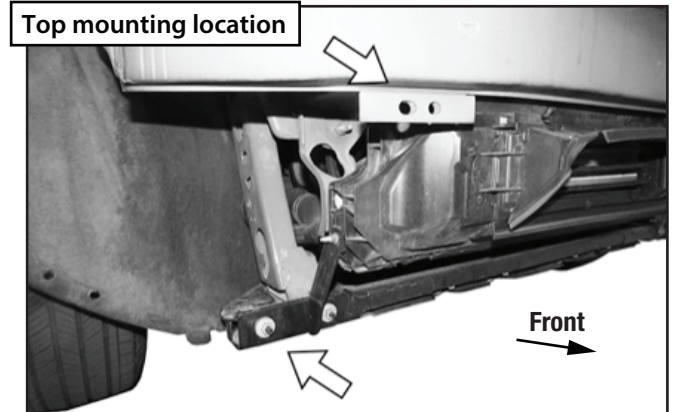
Repeat **STEPS 2-6** to release the driver/left end of the front bumper cover.

STEP 8

Next, pull the end of the bumper cover to release from clips (Fig 11). Repeat this STEP to release the driver/left side of the bumper cover.



(Fig 11) Once headlight clip is released, pull end of bumper cover forward to release remaining clips (driver/left side pictured)



(Fig 14) Attach the passenger/right Mounting Bracket to the (2) holes in the tab on the impact bumper. Reuse the factory nut to attach the bottom of the Bracket (arrows)

STEP 9

With assistance, carefully remove the front bumper, grille and headlights as an assembly from the front of the vehicle (Figs 12 & 13). Place the bumper on a soft, clean surface.



(Fig 12) Carefully remove the bumper cover assembly and place on a soft surface



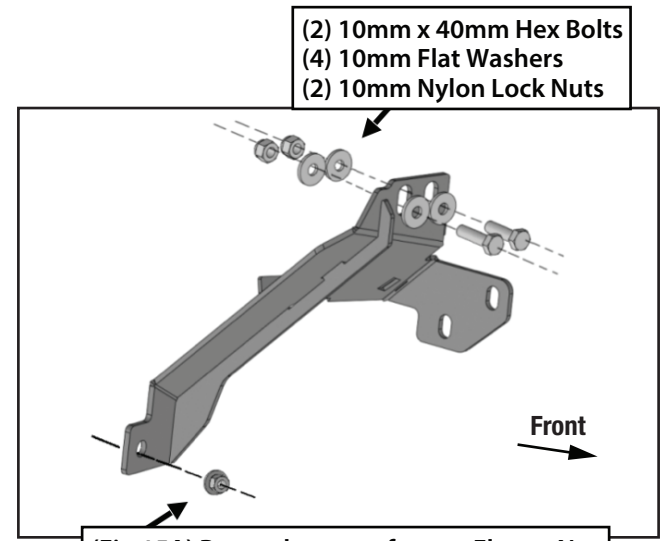
(Fig 13) Bumper cover assembly removed

STEP 10

Next, remove the outer flange nut from the passenger/right end of the lower crossmember (Fig 14).

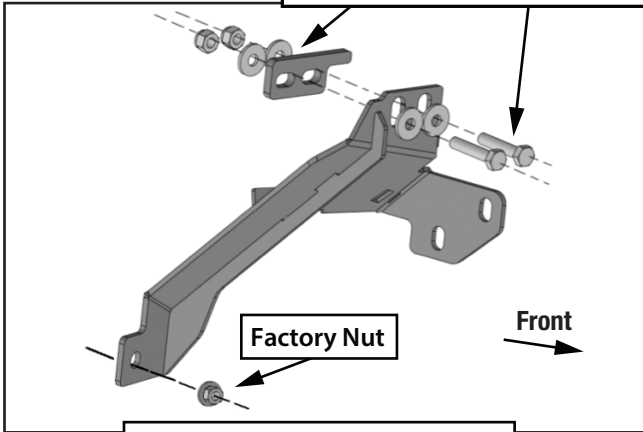
STEP 11

Select the passenger/right Mounting Bracket (Fig 15). Attach the top of the Bracket to the outside of the mounting tab on the bottom of the impact bumper with (2) 10mm x 40mm Hex Bolts, (4) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts (Figs 15A & 16). If the **vehicle model year is 2022+**, use (2) 10mm x 50mm Hex Bolts, (4) 10mm Flat Washers, (1) Spacer, and (2) 10mm Nylon Lock Nuts instead (Fig 15B). Reuse the factory flange nut to attach the bottom of the Mounting Bracket to the outer end of the lower crossmember (Fig 16).

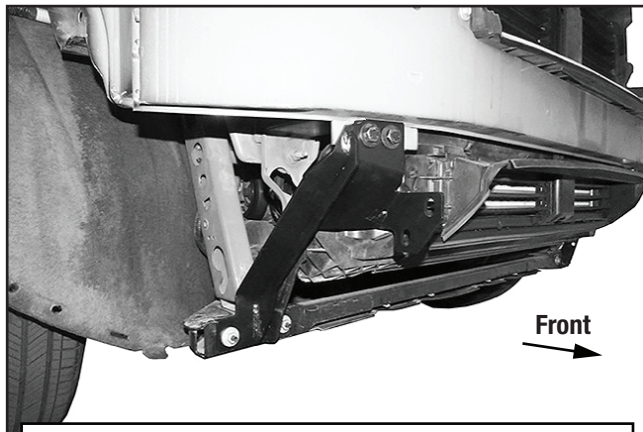


(Fig 15A) Reuse the outer factory Flange Nut to attach bottom of Mounting Bracket (passenger/right side Bracket pictured)

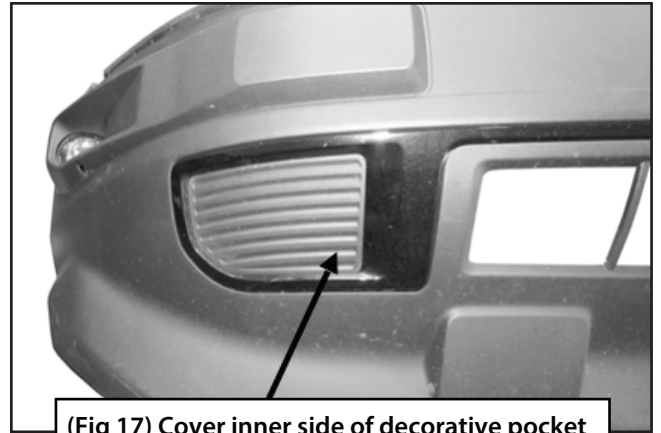
- (2) 10mm x 50mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Nylon Lock Nuts
- (1) Spacer



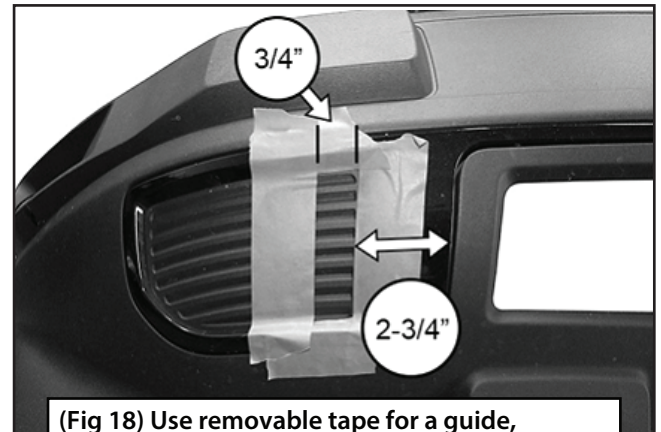
(Fig 15B) For model years 2022+, use spacer and longer hex bolts



(Fig 16) Passenger/Right Mounting Bracket installed



(Fig 17) Cover inner side of decorative pocket with removable tape, (passenger/right side of bumper cover pictured)



(Fig 18) Use removable tape for a guide, (passenger/right side of bumper cover pictured)

STEP 12

Repeat **STEPS 10 & 11** to attach the Driver/Left Mounting Bracket. Fully tighten hardware.

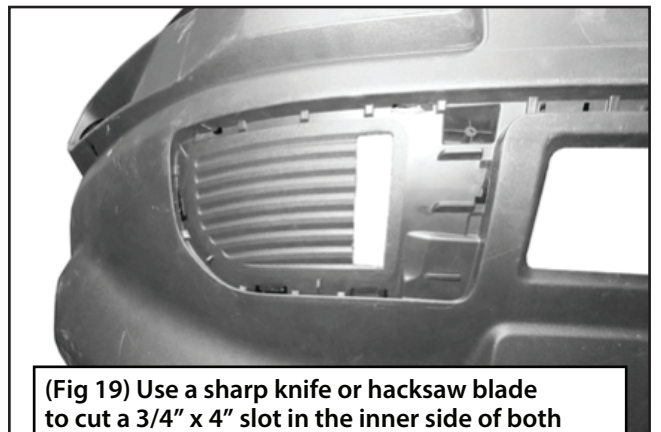
STEP 13

Move the bumper cover assembly to a secure working surface. Move to the passenger/right pocket next to the lower radiator opening in the bumper cover (Fig 17). Use removable tape to cover the pocket. With tape measure in center of pocket, measure 2-3.4" in from inner edge of pocket (Fig 18). Draw a vertical line from top of pocket to bottom along reference mark. Draw a second vertical line 3/4" outward from and parallel to the first line. Measure 1" down from top and draw a horizontal line 3/4" long (Fig 18). Measure 1" up from bottom of pocket and again draw a horizontal line. All marks combined should create a rectangular box approximately 4" tall by 3/4" wide. Repeat this STEP to mark the driver/left side of the bumper cover.

NOTE: Measurements are given as a starting location reference only. For best results, start with a small slot smaller than the Brackets and slowly enlarge it to clear the Brackets only.

STEP 14

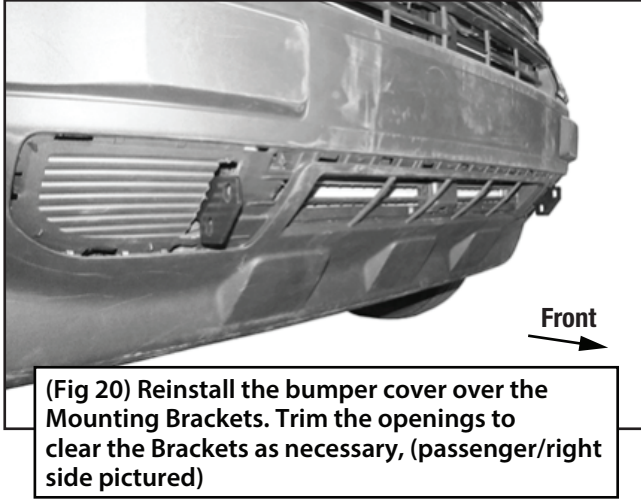
Use a sharp knife or hacksaw blade to carefully cut out the pockets to clear the Brackets (Fig 19). Only cut enough to clear the Brackets.



(Fig 19) Use a sharp knife or hacksaw blade to cut a 3/4" x 4" slot in the inner side of both pockets. **NOTE: trim ring removed for instruction purposes only, DO NOT remove the trim**

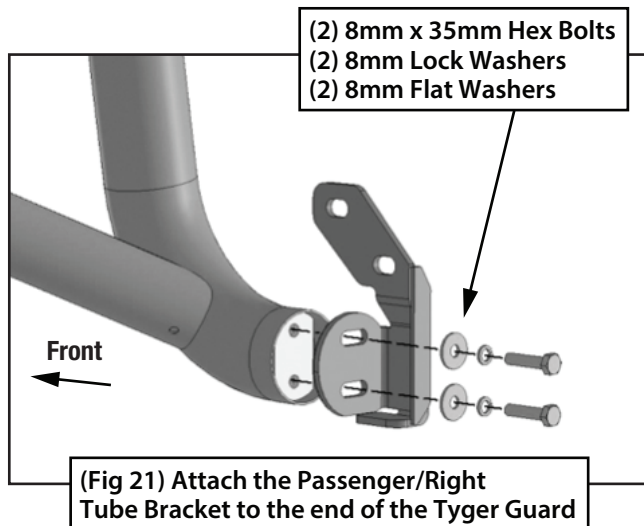
STEP 15

Reattach the bumper cover and fender flares to the vehicle after it has been trimmed to clear the Brackets (Fig 20). Plug in wiring harness and headlights.



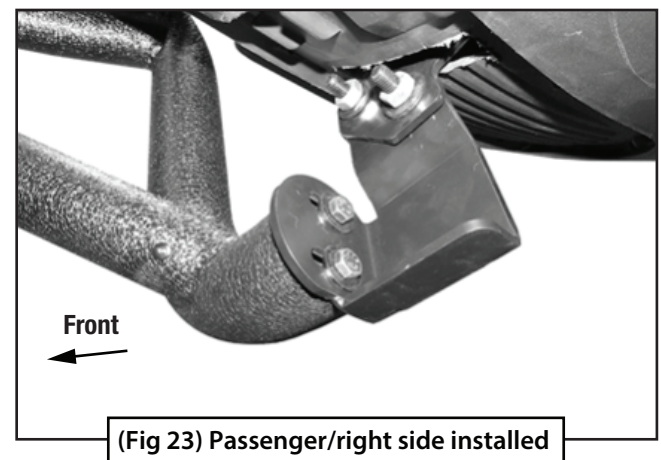
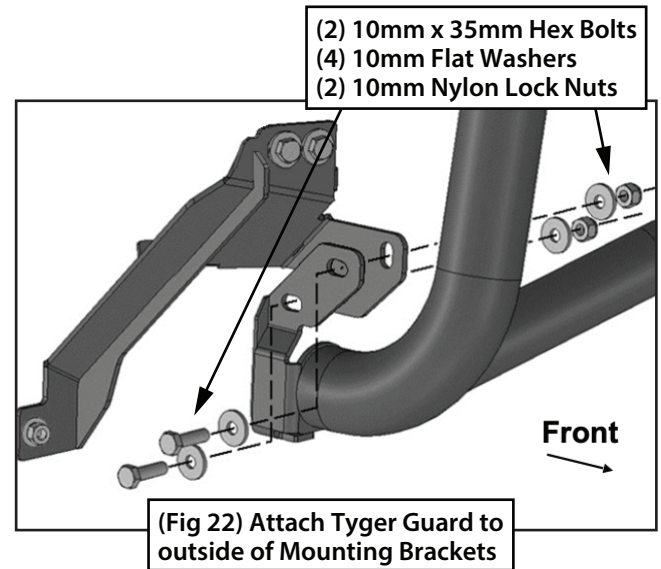
STEP 16

Select the passenger/right Tube Bracket. Attach the Tube Bracket to the end of the Tyger Guard with (2) 8mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers (Fig 21). Repeat this STEP to attach the Driver/Left Tube Bracket.



STEP 17

With assistance, hold the Tyger Guard up to the Brackets. Attach the Tube Brackets on the Tyger Guard to the outside of the Mounting Brackets with the included (4) 10mm x 35mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Nylon Lock Nuts (Figs 22 & 23). DO NOT fully tighten hardware.

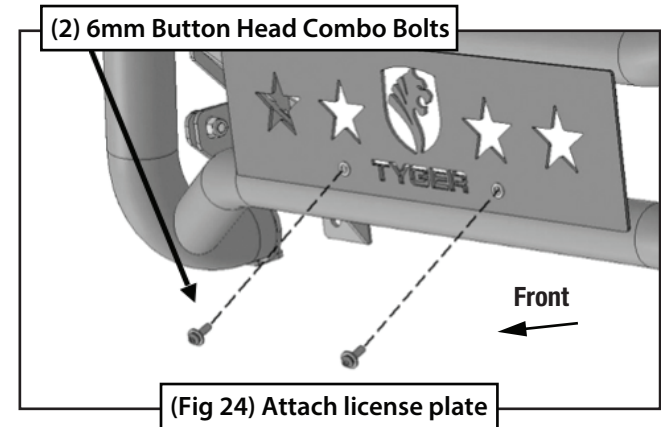


STEP 18

Level and adjust the Tyger Guard and fully tighten all hardware.

STEP 19

Attach the license plate, (if required), to the threaded holes in the front of the Tyger Guard with the included (2) 6mm x 20mm Button Head Combo Bolts (Fig 24).



STEP 20

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



Complete Installation