



TYGER®

FRONT BUMPER

TG-BP6T80568

BEFORE INSTALLATION

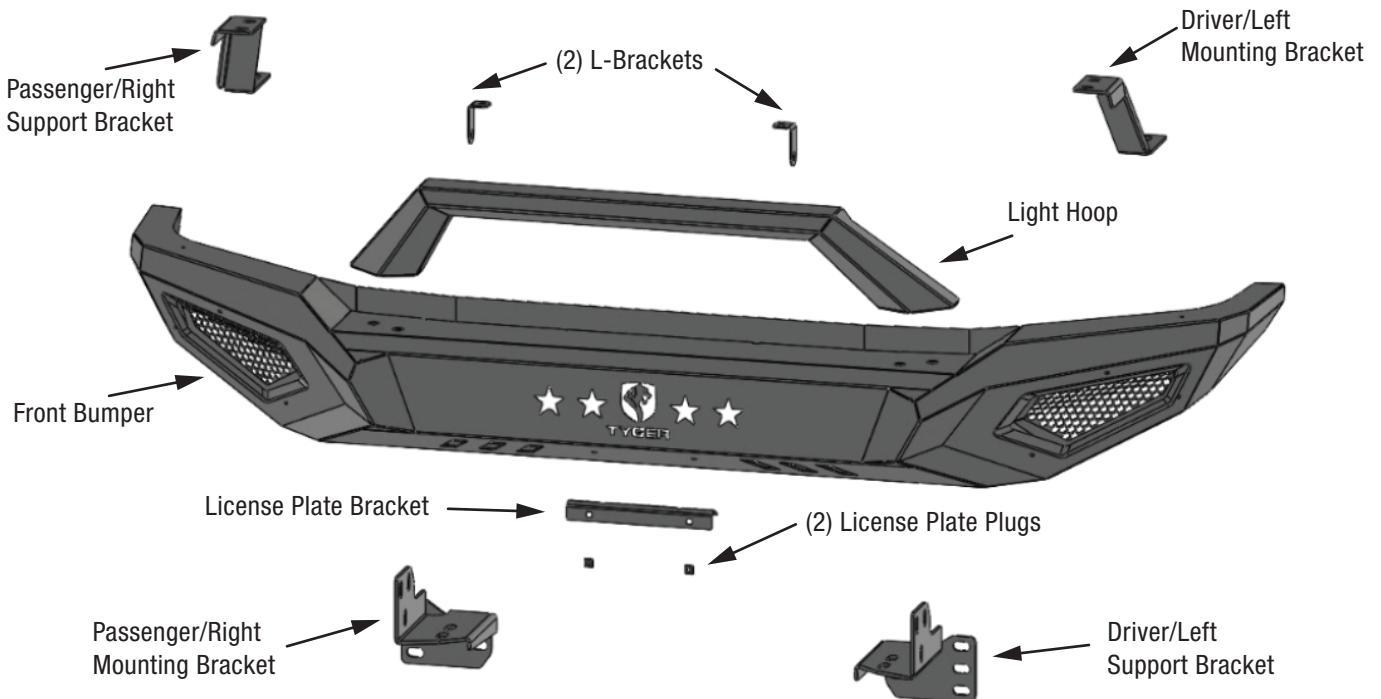
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE.

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

Parts List

- x1 Front Bumper
- x1 Light Hoop
- x1 Driver/Left Mounting Bracket
- x1 Passenger/Right Mounting Bracket
- x1 Driver/Left Support Bracket
- x1 Passenger/Right Support Bracket
- x2 L-Brackets
- x1 License Plate Bracket
- x2 License Plate Plugs
- x10 10-1.5mm x 35mm Hex Bolts
- x20 10mm x 34mm x 3mm Flat Washers
- x1 10mm Lock Washers
- x1 10mm Hex Nuts
- x1 8mm-1.25mm x 25mm Button Head Bolts
- x1 8-1.25mm x 16mm Hex Bolts
- x1 8mm x 28mm x 3mm Large Flat Washers
- x1 8mm x 24mm x 2mm Small Flat Washers
- x2 8mm Lock Washers
- x1 8mm Hex Nuts
- x2 6-1.0mm x 20mm Button Head Bolts
- x10 6mm x 18mm x 1.6mm Flat Washers
- x20 6mm Nylon Lock Nuts
- x1 5mm Hex Wrench
- x1 4mm Hex Wrench





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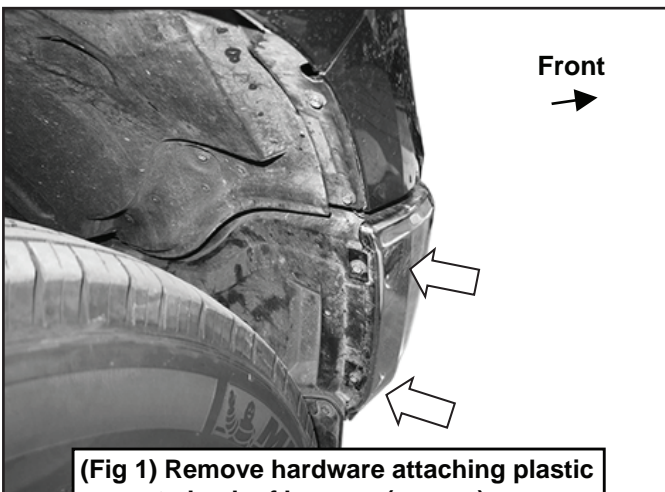
PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE. INSTALLATION IS NOT COMPATIBLE WITH LASER CONTROLLED CRUISE CONTROL SYSTEMS.

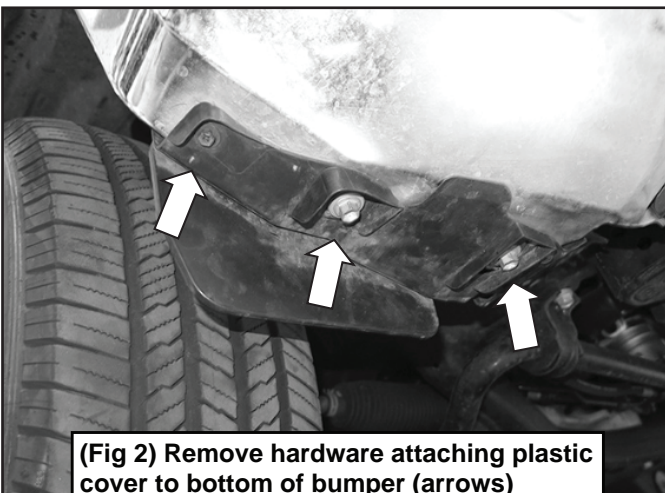
STEP 1

Move to the Passenger/Right wheel opening. Remove the hardware attaching the plastic cover to the back and bottom of the outer end of the front bumper, (Figs 1 & 2). Next, remove the plastic clip attaching the cover to the side of the frame and remove the cover, (Fig 3).

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



(Fig 1) Remove hardware attaching plastic cover to back of bumper (arrows)



(Fig 2) Remove hardware attaching plastic cover to bottom of bumper (arrows)



(Fig 3) Remove clip attaching plastic cover to side of frame (arrow)

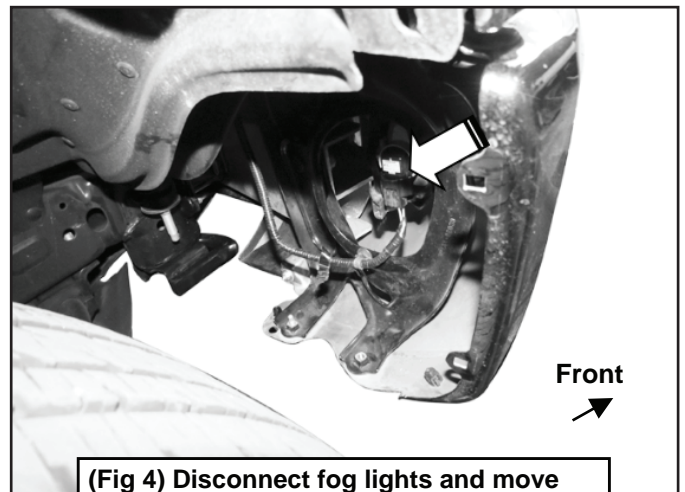
STEP 2

Repeat **STEP 1** to remove the plastic covers from the Driver/Left side of the vehicle.

STEP 3

On models with factory fog lights and/or bumper mounted sensors, unplug the harness leading to the front bumper, (Fig 4).

NOTE: Fog lights and sensors will not be reinstalled.



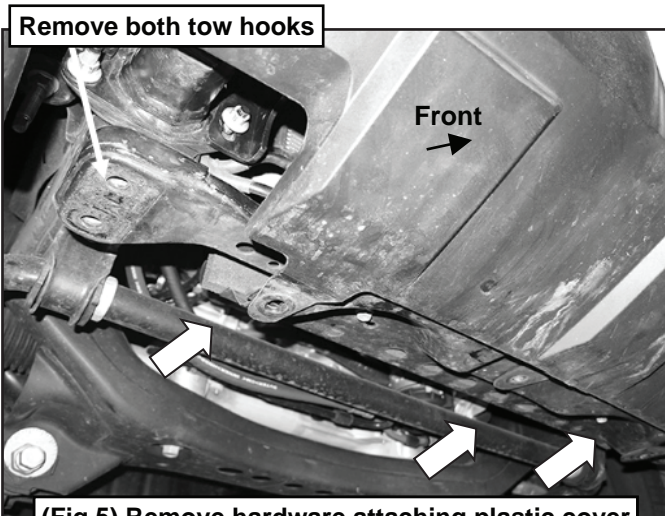
(Fig 4) Disconnect fog lights and move wiring harness away from bumper (arrow)



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STEP 4

Remove the license plate. Remove hardware attaching the plastic cover on bottom of bumper, (Fig 5). Next, temporarily remove both tow hooks, (if equipped).

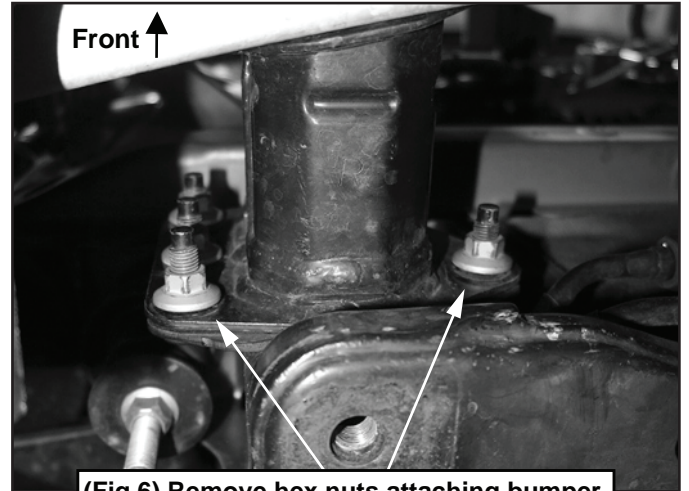


(Fig 5) Remove hardware attaching plastic cover on bottom of bumper to cross member (arrows)

STEP 5

Place blocks or jack stands under the front bumper to support it during mounting bolt removal. Once the bumper has been supported, remove the factory hex nuts attaching the inner bumper bracket to the end of the frame, (Fig 6).

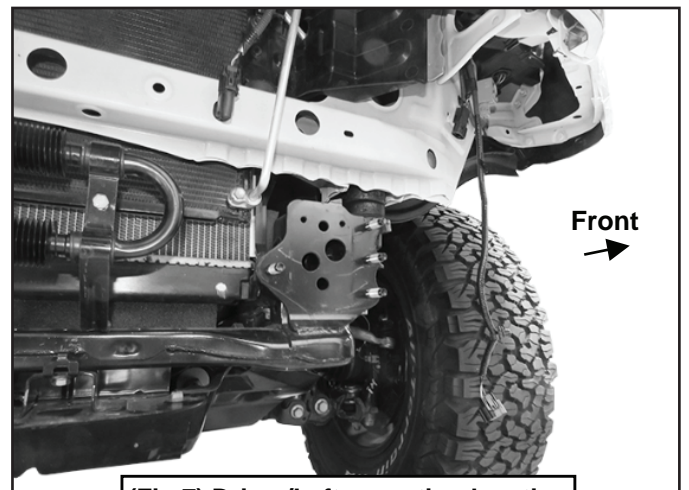
WARNING! Assistance is required to hold the bumper in place during hardware removal to prevent the bumper from falling.



(Fig 6) Remove hex nuts attaching bumper brackets to end of frame. Passenger side bumper bracket pictured from below

STEP 6

With assistance, remove the bumper and move to a flat stable surface, (Fig 7).



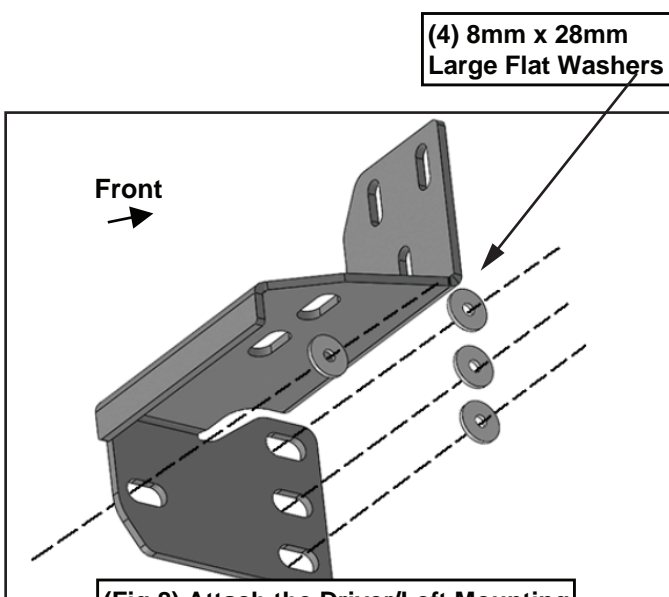
(Fig 7) Driver/Left mounting location



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STEP 7

Select Driver/Left Mounting Bracket. Slide the Bracket onto the (4) factory studs on the mounting plate at the end of the frame. Attach the Mounting Bracket with (4) factory hex nuts and (4) 8mm x 28mm x 3mm Large Flat Washers, (Figs 8 & 9). DO NOT tighten hardware at this time.



(4) 8mm x 28mm
Large Flat Washers

Front
→

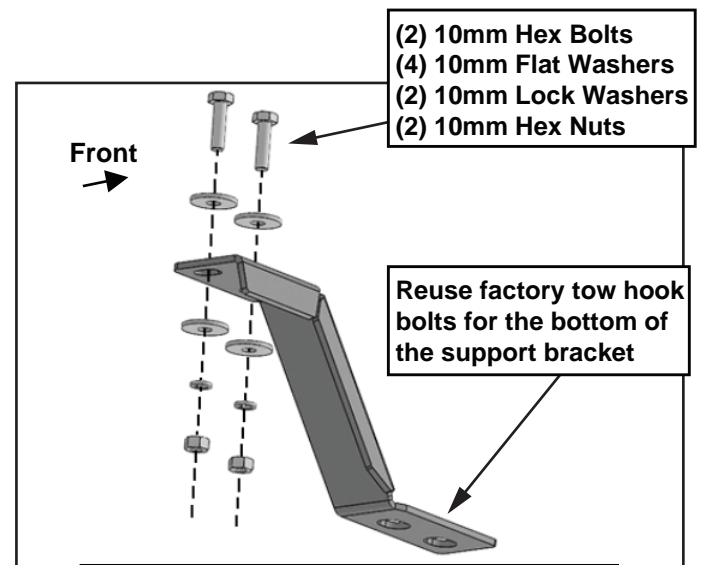
(Fig 8) Attach the Driver/Left Mounting Bracket. (Reuse the factory hex nuts)



(Fig 9) Driver/Left Mounting Bracket attached

STEP 8

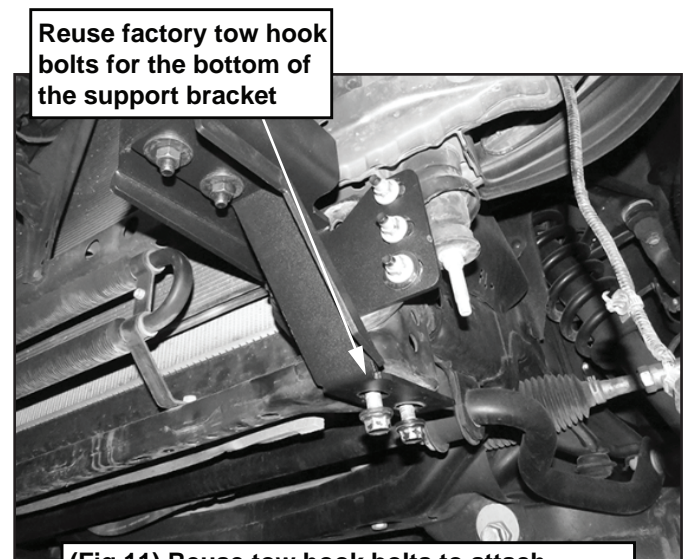
Next, select the Driver/Left Support Bracket. Attach the Support Bracket to the bottom of the Mounting Bracket with (2) 10mm Hex Bolts, (4) 10mm Flat Washers, (2) 10mm Lock Washers and (2) 10mm Hex Nuts, (Figs 10 & 11). Leave hardware loose at this time. Reuse the factory tow hook hardware to attach the tow hook to the bottom of the Support Bracket and frame.



(2) 10mm Hex Bolts
(4) 10mm Flat Washers
(2) 10mm Lock Washers
(2) 10mm Hex Nuts

Reuse factory tow hook
bolts for the bottom of
the support bracket

(Fig 10) Attach Driver/Left Support Bracket to the Mounting Bracket and frame



Reuse factory tow hook
bolts for the bottom of
the support bracket

(Fig 11) Reuse tow hook bolts to attach Support Bracket and tow hook to bottom of frame (pictured without tow hook, optional)



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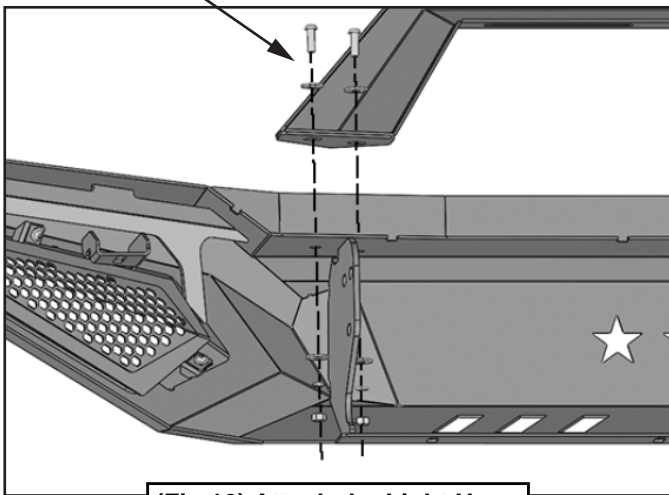
STEP 9

Repeat **STEPS 7 & 8** to attach the Passenger/Right Mounting and Support Brackets and reinstall tow hook.

STEP 10

Unwrap the Bumper. Remove the plugs in the top of the bumper. Select the Light Hoop. Attach the Hoop to the top of the Bumper with (4) 8mm x 25mm Button Head Bolts, (8) 8mm x 24mm Small Flat Washers, (4) 8mm Lock Washers and (4) 8mm Hex Nuts, (Fig 12). (Installation optional)

(2) 8mm Button Head Bolts
(4) 8mm Small Flat Washers
(2) 8mm Lock Washers
(2) 8mm Hex Nuts



(Fig 12) Attach the Light Hoop to the top of the bumper

STEP 11

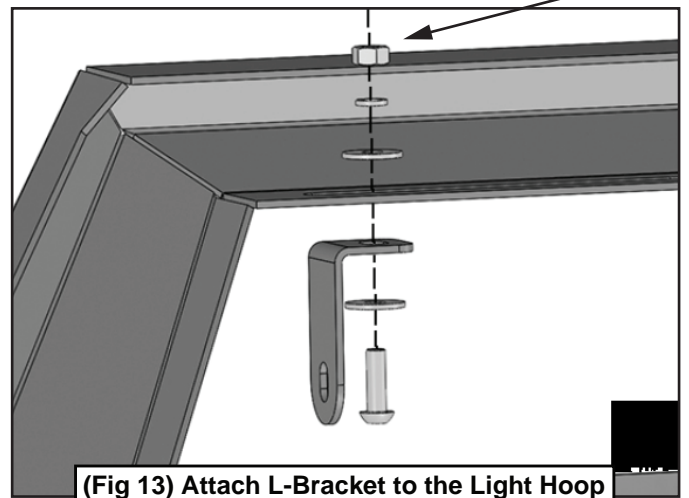
Determine if lights, (not included), will be installed at this time.

IMPORTANT: It may be easier to install lights before attaching the Bumper to the vehicle

Hoop mounted bar style light, (light not included).

a. Select the (1) L-Bracket. Attach the Bracket to the bottom of the Hoop with (1) 8mm x 25mm Button Head Bolt, (2) 8mm Flat Washers, (1) 8mm Lock Washer and (1) 8mm Hex Nut, (Fig 13). DO NOT tighten hardware at this time.

8mm Button Head Bolt
(2) 8mm Small Flat Washers
8mm Lock Washer
8mm Hex Nut

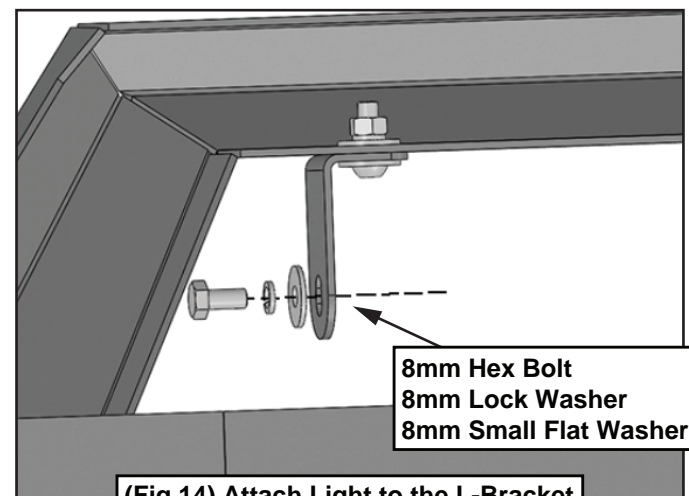


(Fig 13) Attach L-Bracket to the Light Hoop

b. Repeat **STEP 11a** to attach (1) L-Bracket to the Passenger/Right side of the Hoop.

c. Select light, (light not included). Attach light to L- Brackets with (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm x 24mm Small Flat Washers. Adjust the width of the Brackets to the light and fully tighten bracket hardware, (Fig 14).

8mm Hex Bolt
8mm Lock Washer
8mm Small Flat Washer



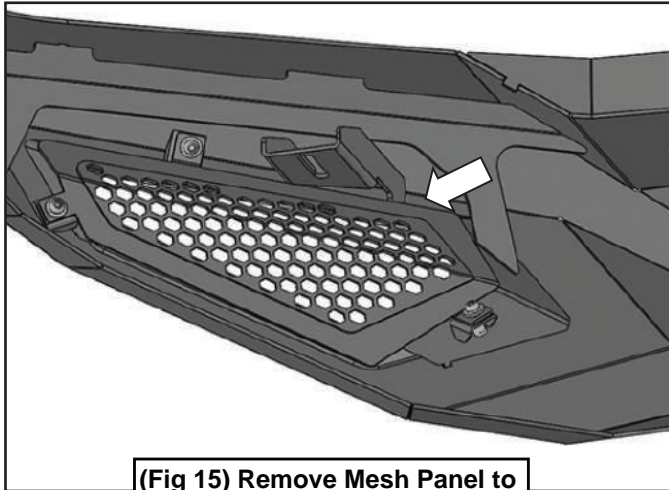
(Fig 14) Attach Light to the L-Bracket (light not included)



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Outer light installation (light not included).

- Remove mesh panel in outer light location.
- Attach lights (not included) to mounting tabs on back of the Bumper, (Fig 15).



(Fig 15) Remove Mesh Panel to attach light, (light not included)

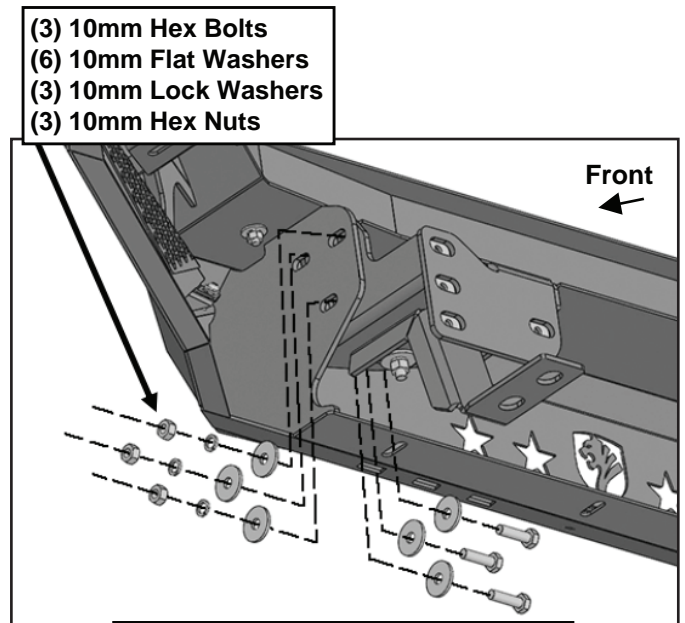
STEP 12

12. With assistance, position the Bumper up to the outside of the Mounting Brackets. Temporarily support the weight of the Bumper.

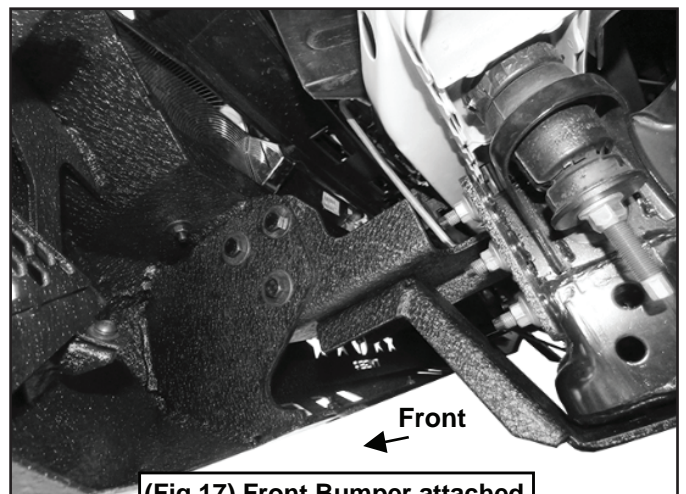
WARNING: To avoid possible injury or damage to the vehicle, do not proceed until the Bumper is fully and safely supported.

STEP 13

Attach the Bumper to the outside of the Mounting Brackets with (6) 10mm Hex Bolts, (12) 10mm Flat Washers, (6) 10mm Lock Washers and (6) 10mm Hex Nuts, (Figs 16 & 17). DO NOT fully tighten hardware at this time.



(Fig 16) Attach Bumper to outside of the Driver/Left Mounting Bracket



(Fig 17) Front Bumper attached to Driver/Left Mounting Bracket

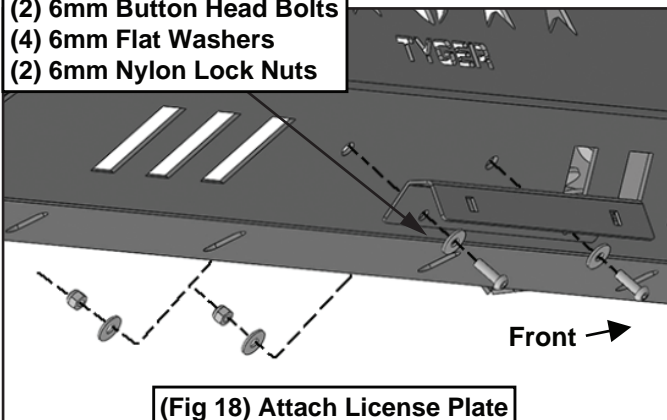
STEP 14

Attach the License Plate Bracket to the Bumper with (2) 6mm x 20mm Button Head Screws, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts. Insert (2) Plastic Plugs into the square holes in the Bracket. Reuse the factory screws to attach the license plate to the plastic plugs, (Figs 18 & 19).



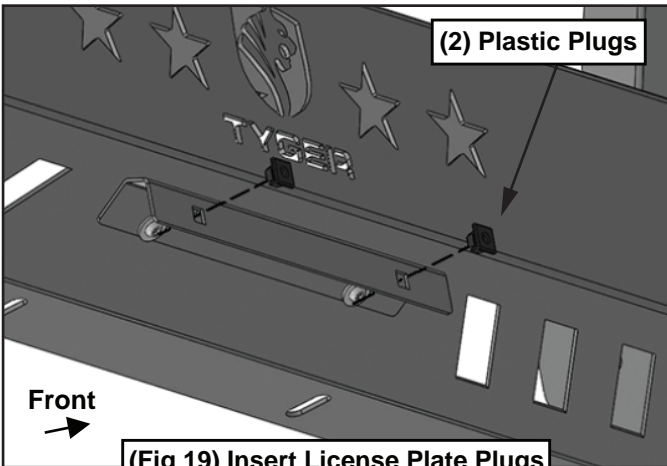
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- (2) 6mm Button Head Bolts
- (4) 6mm Flat Washers
- (2) 6mm Nylon Lock Nuts



(Fig 18) Attach License Plate Bracket to Front Bumper

- (2) Plastic Plugs



(Fig 19) Insert License Plate Plugs into the License Plate Bracket

STEP 15

Level and adjust the Bumper and fully tighten all hardware.

STEP 16

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