

# REDROCK

## BARDE FRONT BUMPER

PART #: TT62070

**FITS:** 2016-2023 Toyota Tacoma



90-180 min



Cutting  
Required



Drilling Not  
Required

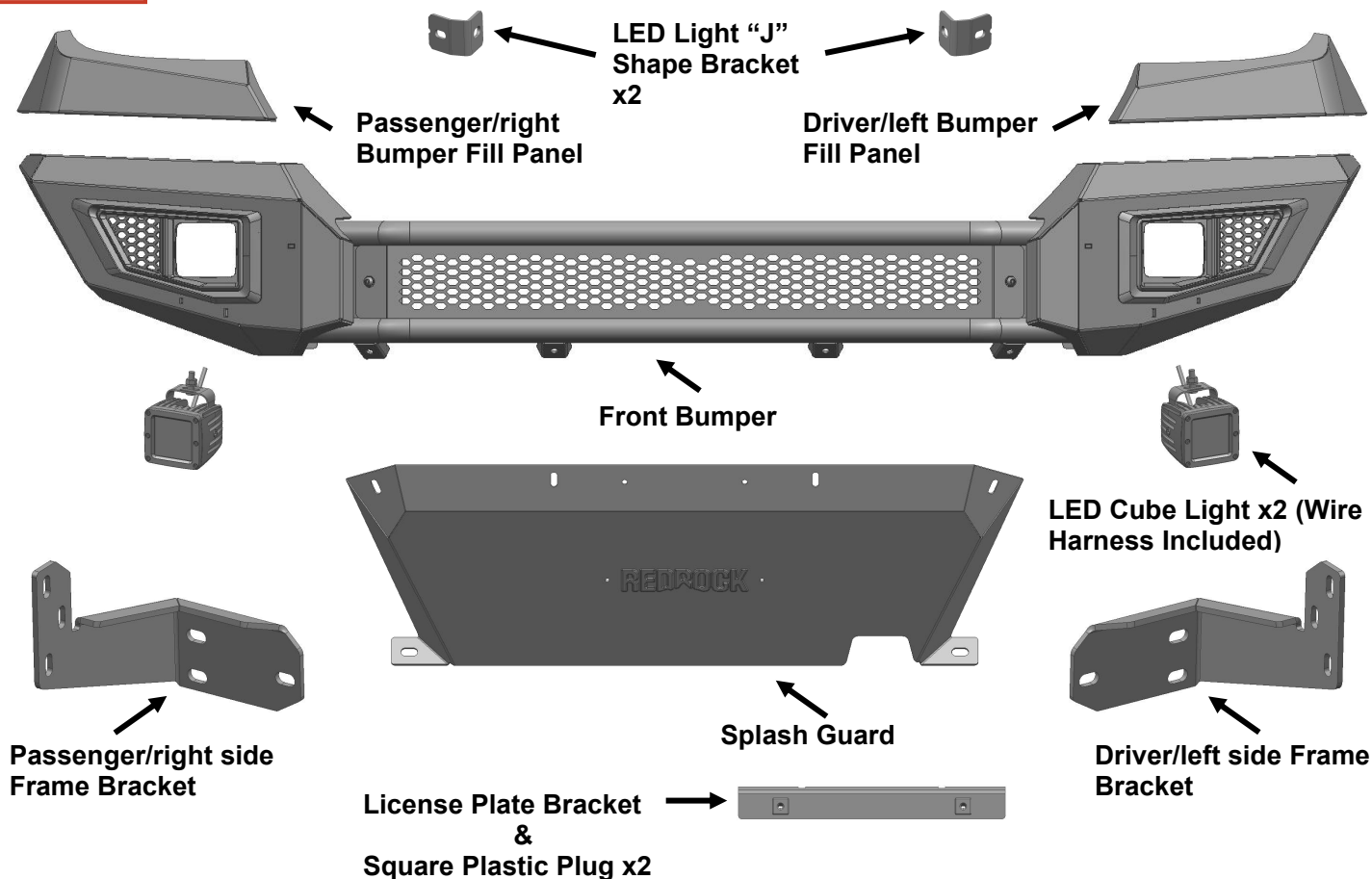
### Torque & Tools

Fastener Size	Tightening Torque (ft-lbs)	Wrench Required		Allen Wrench Required	
■ 6mm	■ 7-8.5		□ 10mm		■ 4mm
■ 8mm	■ 18-20		■ 13mm		■ 5mm
■ 10mm	■ 35-40		■ 16mm		□ 6mm
■ 12mm	■ 60-70		■ 18mm		□ 8mm

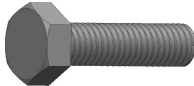


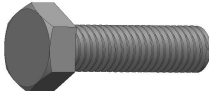


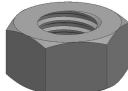


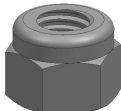




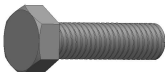









### BEFORE INSTALLATION

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

### Part List



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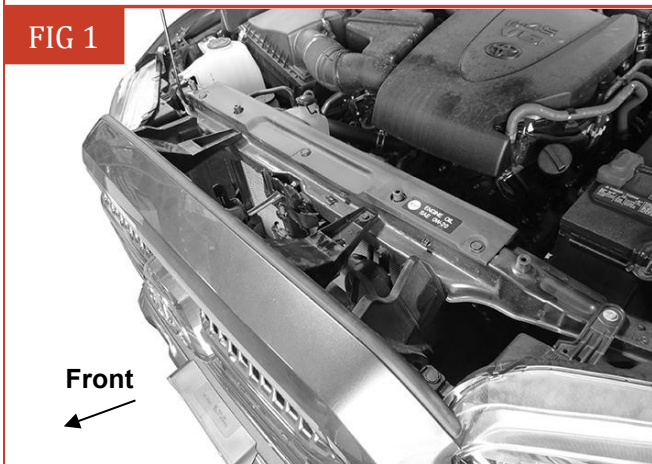
Use to Attach Wings to Bumper:	 <b>x4</b> 10mm x 30mm Hex Bolt	 <b>x4</b> 10mm x 20mm x 2mm Flat Washer	 <b>x4</b> 10mm Lock Washer				
Use to Attach Brackets to the Bumper:	 <b>x6</b> 10mm x 40mm Hex Bolt	 <b>x12</b> 10mm x 24mm x 2mm Flat Washer	 <b>x6</b> 10mm Lock Washer	 <b>x6</b> 10mm Hex Nut			
Use to Attach Splash Guard to the Bumper:	 <b>x2</b> 12mm x 120mm Hex Bolt	 <b>x4</b> 12mm x 32mm x 3mm Flat Washer	 <b>x2</b> 12mm Nylon Lock Nuts	 <b>x4</b> 8mm x 25mm Button Head Bolt	 <b>x4</b> 8mm Lock Washer	 <b>x4</b> 8mm x 24mm Flat Washer	 <b>x1</b> 5mm Allen Wrench
Use to Attach 30” LED Light Bar to the “J” Shape Brackets: (Light Bar Not Included)	 <b>x2</b> 8mm x 16mm Hex Bolt (Stainless Steel)	 <b>x2</b> 8mm Lock Washer (Stainless Steel)	 <b>x2</b> 8mm x 24mm Flat Washer (Stainless Steel)				
Use to Attach Top Filler Panel to the Bumper:	 <b>x6</b> 6mm x 20mm Button Head Bolt	 <b>x6</b> 6mm Lock Washer	 <b>x6</b> 6mm x 18mm x 1.6mm Flat Washer				
Use to Attach License Plate Bracket to the Splash Guard:	 <b>x2</b> 6mm x 20mm Button Head Bolt	 <b>x4</b> 6mm x 18mm x 1.6mm Flat	 <b>x2</b> 6mm Nylon Lock Nut	 <b>x1</b> 4mm Allen Wrench			

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## STEP 1

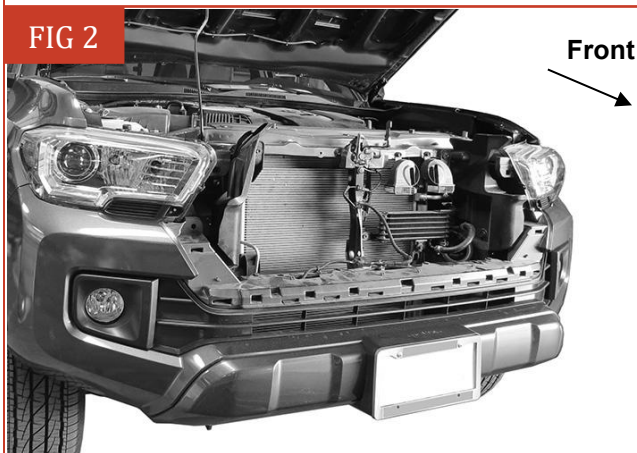
Remove the license plate and bracket. Open the hood and remove the plastic cover from the top of the radiator and grille, **(Fig 1)**. Next, carefully remove the plastic grille, **(Fig 2)**. Remove the air dam from the bottom of the bumper.

FIG 1



**(Fig 1) Remove plastic cover from top of radiator**

FIG 2



**(Fig 2) Remove grille, air dam from below bumper and license plate. Remove plastic bumper cover.**

## STEP 2

On models with factory fog lights, unplug the wiring harness leading to the front bumper. Move harness away from bumper.

## STEP 3

Carefully pull the front leading end of the fender flares to release from the bumper cover, **(Fig 3)**. The flares do not need to be fully removed, simply release the front portion and leave the rest of the flare attached.

FIG 3



**(Fig 3) Release the front leading end of the fender flares (Dashed line area) from the bumper cover**

## STEP 4

Remove the hardware attaching the plastic bumper cover at the top, ends and bottom. With assistance, pop the ends off of the inner clip and pull the bumper off and away from the vehicle. Remove the plastic bumper mount from below the passenger/right side headlight, **(Fig 4)**. **Reinstall the factory hardware** to secure the headlight to the vehicle. Repeat this Step to remove the plastic mount from the driver/left side of the vehicle.

FIG 4



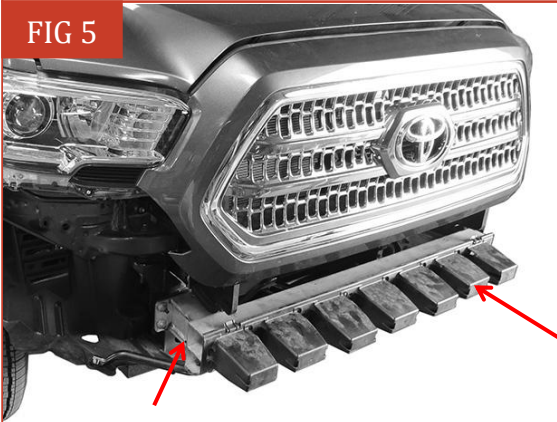
**(Fig 4) Remove plastic block (arrow) from front edge of fender (passenger/right side pictured)**

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## STEP 5

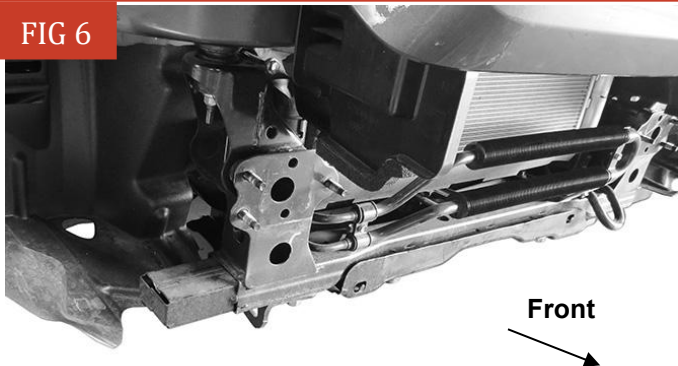
Remove the plastic impact pad and aluminum inner crossbar, (**Fig 5**). Next, remove both bumper brackets from the end of the frame, (**Fig 6**).

FIG 5



(Fig 5) Remove plastic impact bumper and aluminum crossbar from bumper brackets

FIG 6

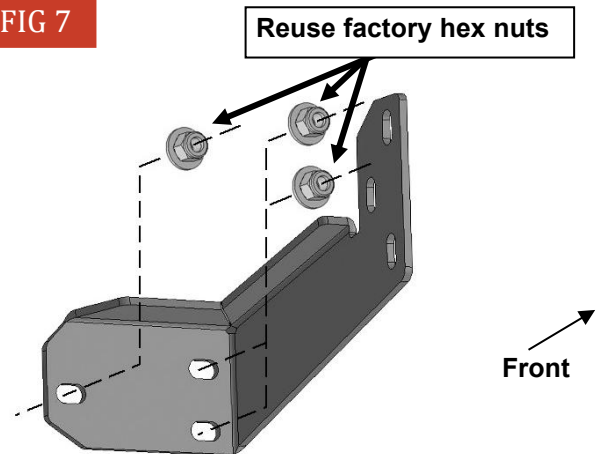


(Fig 6) Remove both bumper brackets

## STEP 6

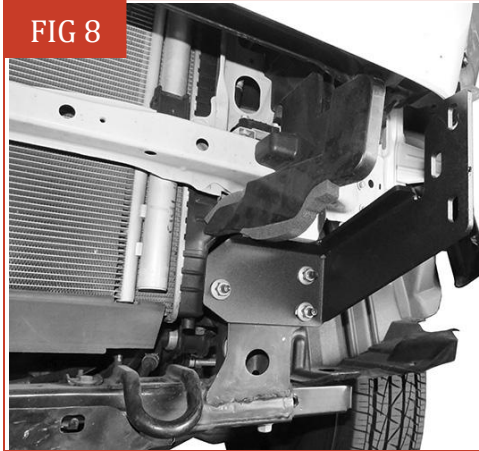
Select the driver/left Frame Mounting Bracket, (**Fig 7**). Reuse the factory hex nuts to attach the Bracket to the end of the frame, (**Figs 7 & 8**). Repeat this **Step** to install the passenger/right Frame Mounting Bracket.

FIG 7



(Fig 7) Reuse factory hex nuts to attach Frame Brackets (Driver/left Bracket illustrated)

FIG 8



(Fig 8) Driver/left Frame Bracket installed

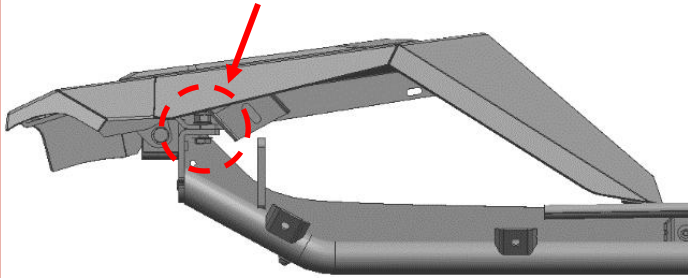
## STEP 7

Carefully unwrap the Bumper assembly. Remove the (2) 10mm Hex Bolts holding the folded wings securely in place for shipping, (**Fig 9**). Discard bolts. Rotate the driver/left side Outer Wing outward as far as it will go until the mounting plate is against the back of the center Bumper, (**Fig 10**).



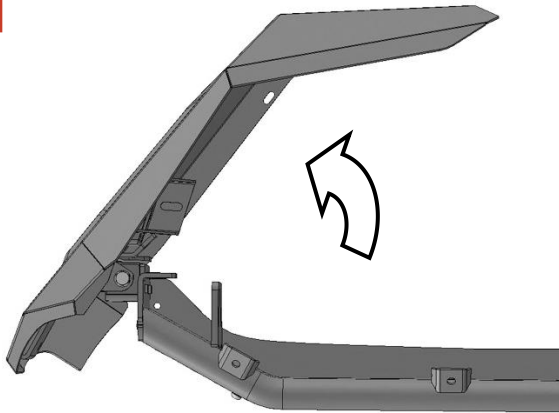
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FIG 9



(Fig 9) Remove the hex bolt from the Bumper to release the Wing.

FIG 10



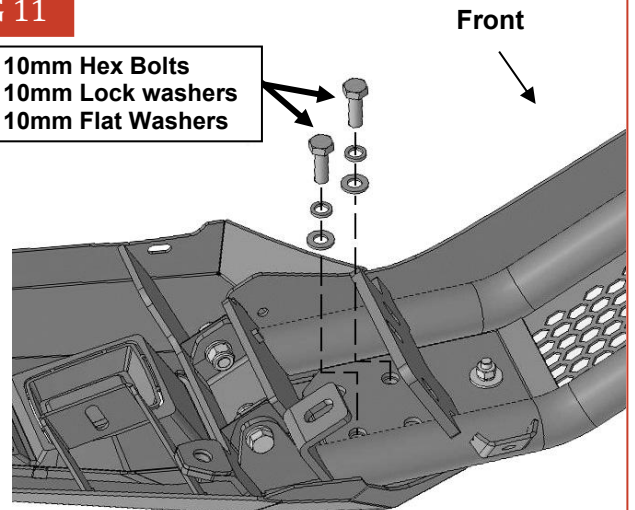
(Fig 10) Rotate the Wing all the way around until it stops (driver/left side illustrated)

## STEP 8

Attach the Wing to the Bumper with the included (2) 10mm x 30mm Hex Bolts, (2) 10mm Lock Washers and (2) 10mm Flat Washers, (Fig 11). Repeat **Step 7 & 8** to unfold the passenger/right outer wing. Do not fully tighten hardware at this time.

FIG 11

(2) 10mm Hex Bolts  
(2) 10mm Lock washers  
(2) 10mm Flat Washers



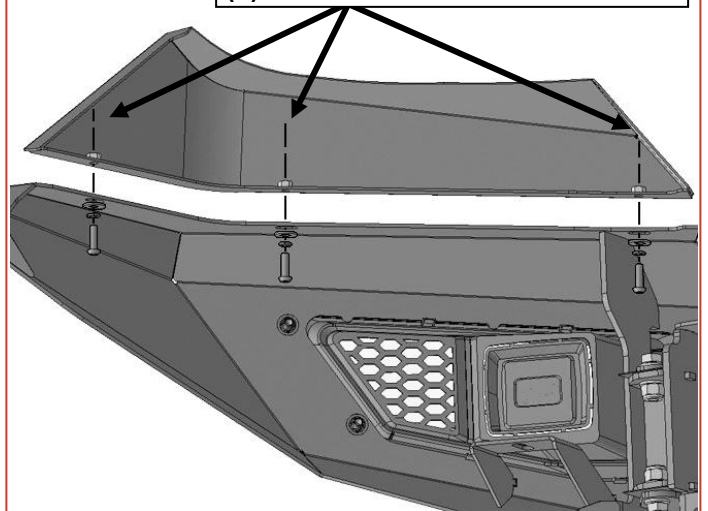
(Fig 11) Attach Wing to Bumper (driver/left side illustrated)

## STEP 9

Select the driver/left Bumper Upper Fill Panel, Attach the Fill Panel to the top of the Bumper with (3) 6mm x 20mm Button Head Bolts, (3) 6mm Lock Washers and (3) 6mm Flat Washers, (Fig 12). Line up the edges of the Fill Panel with the Bumper and full tighten the hardware. Repeat this **Step** to install the passenger/right Fill Panel.

FIG 12

(3) 6mm x 20mm Button Head Bolts  
(3) 6mm Lock Washers  
(3) 6mm Flat Washers



(Fig 12) Attach Top Fill Panel to top of Bumper

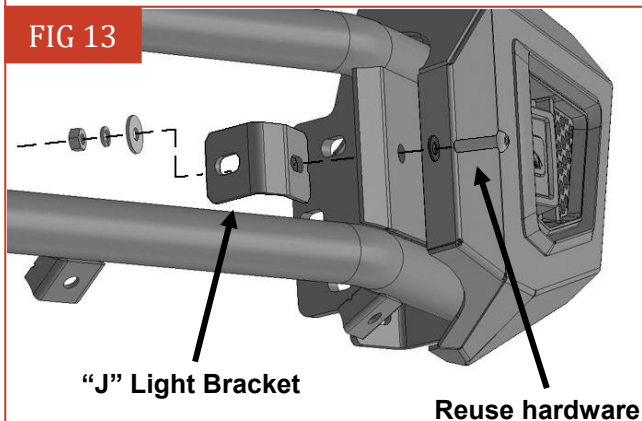
## STEP 10

Determine if accessory lights will be installed at this time. **NOTE:** It may be easier to install the center light, (not included), before installing Bumper.

### Center LED bar style light installation (light not included).

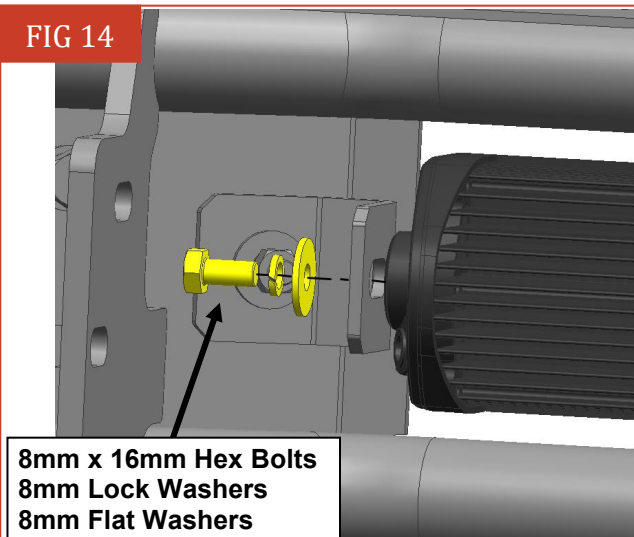
- Remove the center mesh fill panel.
- Select (1) "J" Light Bar Bracket, (Fig 13). Reuse the hardware from the fill panel to attach the "J" Bracket to the back of the driver/left side of the Bumper, (Fig 13). Repeat this **Step** to install the remaining "J" Bracket on the passenger/right side of the Bumper. **IMPORTANT:** The Bumper features mounting location designed for 30" bar style lights only.
- Attach the light to the "J" Brackets with the hardware included with the light or the supplied (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, (Fig 14). Do not fully tighten hardware at this time.

FIG 13



(Fig 13) Reuse hardware from center mesh to attach "J" Light Bracket to back of Bumper (driver/left side illustrated)

FIG 14



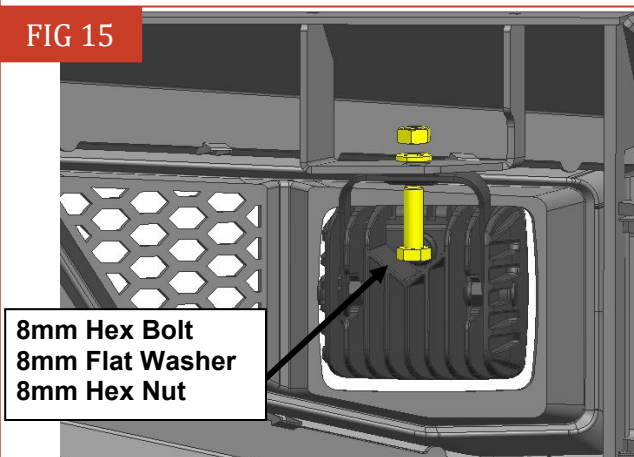
(Fig 14) Attach bar style LED light to "J" Light Brackets (light not included)

## STEP 11

### Outer LED cube style light installation (Light & Wire Harness included).

- Attach the lights to the mounting tabs on the back of the Bumper with included (1) 8mm Hex Bolt, (1) 8mm Flat Washer, (1) 8mm Hex Nut, (Fig 15).
- Repeat previous Steps to install the passenger/right light.
- Follow the light manufacturer's instruction to properly wire lights once Bumper is installed

FIG 15



(Fig 15) Attach the cube style LED lights to the mounting tabs (These standard parts included on the Cube Light Kit)

## STEP 12

With assistance, position the Bumper Assembly up to the inside of the Frame 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.

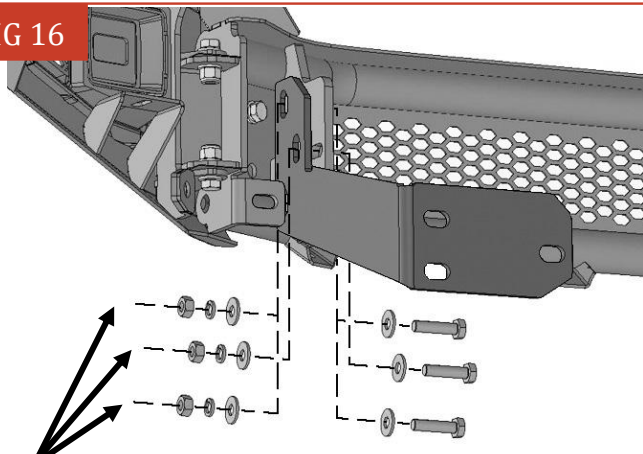


**WARNING!** Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

## STEP 13

Attach the Bumper to the driver/left Bracket with the included (3) 10mm x 40mm Hex Bolts, (6) 10mm x 24mm STD Flat Washers, (3) 10mm Lock Washers and (3) 10mm Hex Nuts, **(Fig 16 & 17)**. Leave hardware loose at this time. Repeat this **Step** to attach the driver/left side of the Bumper to the Bracket.

FIG 16



(3) 10mm x 40mm Hex Bolts  
(6) 10mm x 24mm STD Flat Washers  
(3) 10mm Lock Washers  
(3) 10mm Hex Nuts

**(Fig 16)** Attach Bumper to inside of driver/left side Frame Bracket.

FIG 17

Front  
←



**(Fig 17)** Front Bumper attached to driver/left Frame Bracket

## STEP 14

Level and adjust the Bumper and fully tighten all hardware. **NOTE:** There is a small amount of adjustment in the Wing attachment points. Adjust Wings for best fit then fully tighten all hardware.

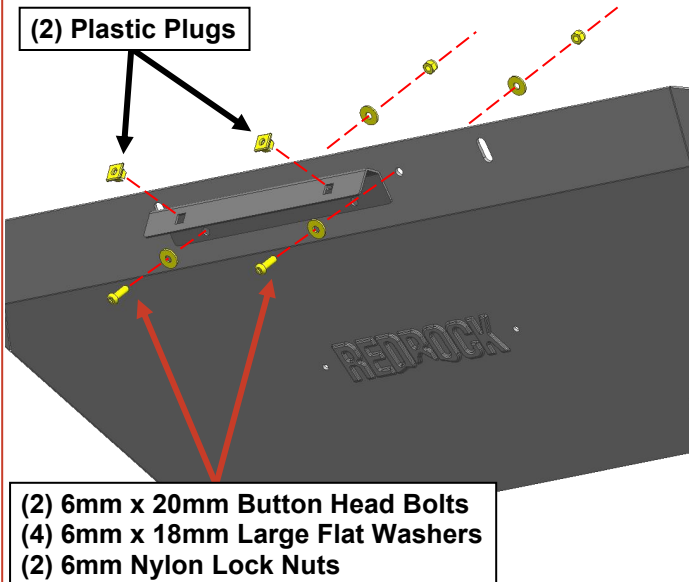
## STEP 15

Carefully unwrap the Splash Guard. Determine if front license plate is required.

- Attach the License Plate Bracket to the Splash Guard with the included (2) 6mm x 20mm Button Head Bolts, (4) 6mm x 18mm Large Flat Washers and (2) 6mm Nylon Lock Nuts, **(Fig 18)**.
- Insert (2) Plastic Plugs into the square holes in the Bracket. Reuse the factory screws to attach the license plate to the Plastic Plugs, **(Fig 18)**.

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FIG 18

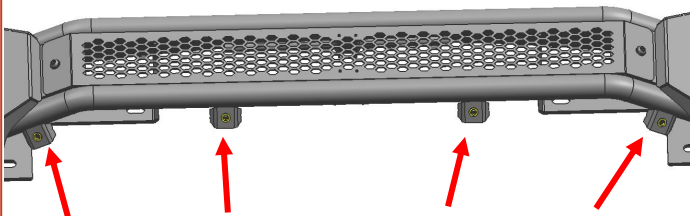


(Fig 18) Attach License Plate Bracket to Front Bumper

## STEP 16

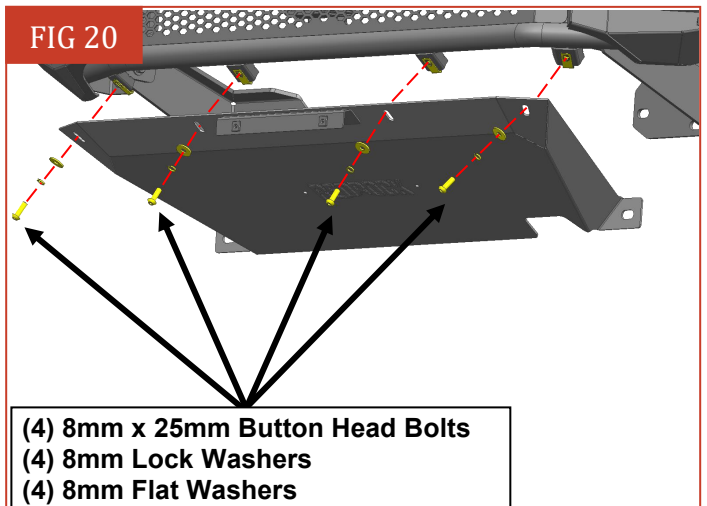
Locate the 4 Insert Nuts over the tab on the bottom of the Bumper, (Fig 19). Line up the Nut with hole in tab. Select the **Splash Guard**. Attach the Splash Guard to the bottom of the Bumper with the included (4) 8mm x 25mm Button Head Bolts, (4) 8mm Lock Washers and (4) 8mm Flat Washers, (Fig 20).

FIG 19



(Fig 19) Locate the 4 Insert Nuts over the tab

FIG 20

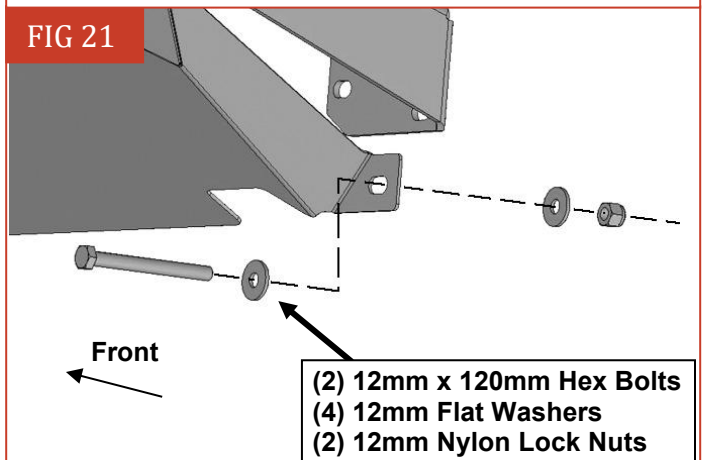


(Fig 20) Attach Splash Guard to Insert Nuts on bottom of Bumper

## STEP 17

Attach the lower mounting tabs on the Splash Guard to the large holes in the front of the frame with (2) 12mm x 120mm Hex Bolts, (4) 12mm Flat Washers and (2) 12mm Nylon Lock Nuts, (Fig 21 & 22)

FIG 21



(Fig 21) Attach bottom of Splash Guard to holes in end of frame



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FIG 22



(Fig 22) Splash Guard installed

## STEP 18

Level and adjust the Skid Plate and fully tighten all hardware. **NOTE:** Do not over tighten lower hex bolts or damage to the frame may result.

## STEP 19

Cover the driver/left plastic fender flare with removable tape, (masking tape for example). Hold the fender flare in position on the fender and over the end of the Bumper. Draw a straight line onto the tape to match where the end of the fender and Bumper meet, **(Fig 23)**. Use a sharp knife or hacksaw blade to carefully cut the leading end off of the flare along the line. Reattach the fender flare to the fender. Repeat to cut the passenger/right fender flare.

FIG 23



(Fig 23) Cut fender flare to match end of Bumper

## STEP 20

Reinstall the plastic grille and top cover if previously removed.

FIG 24



(Fig 24) Complete installation (center LED light pictured not included)

## STEP 21

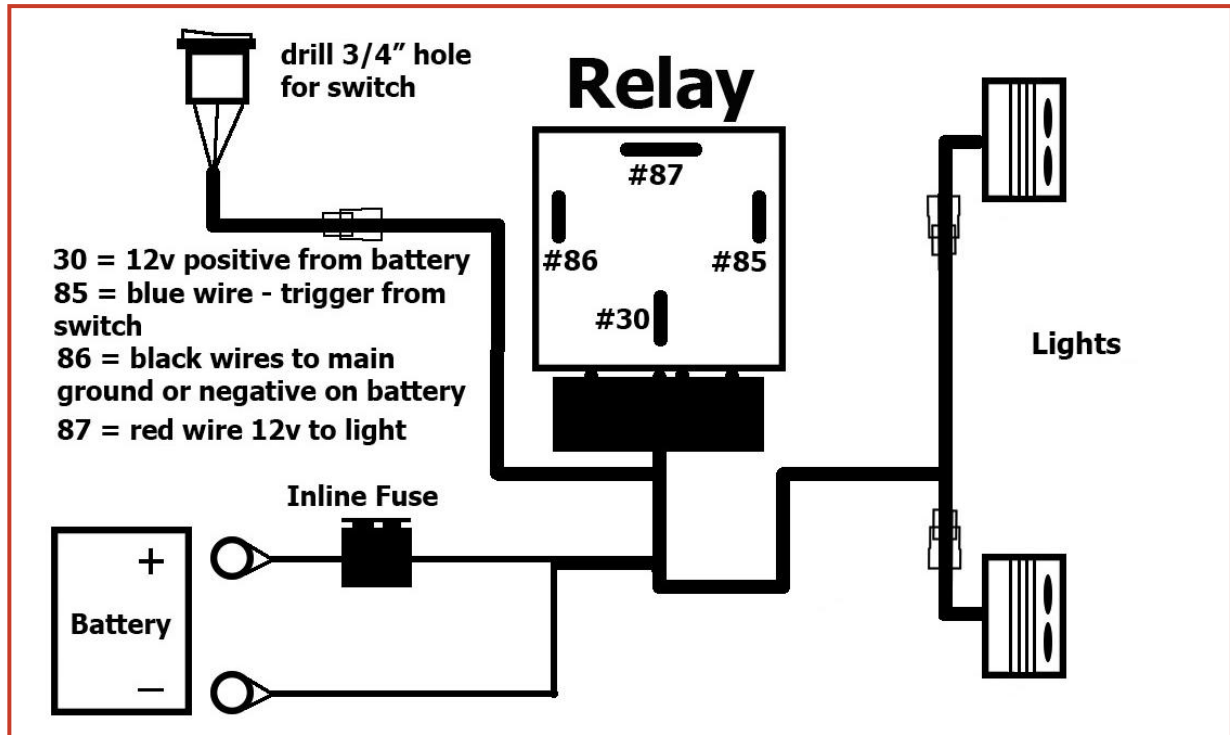
Do periodic inspections to the installation to make sure that all hardware is secure and tight.

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## CUBE LED LIGHT INSTRUCTIONS

### PARTS LIST:

Qty	Description	Qty	Description
2	Lights	2	8mm Flat Washer
1	Wiring Harness	2	8mm Hex Nut
2	8mm Hex Bolt		



### PROCEDURE:

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. DRILLING IS REQUIRED. ELECTRICAL KNOWLEDGE IS HIGHLY RECOMMENDED.
2. Open hood and disconnect battery.
3. Unwrap preassembled wiring harness. Disconnect the plug in the harness leading to the lighted switch. Locate suitable mounting location for switch. Drill 3/4" hole in panel to mount switch. **IMPORTANT:** Do not drill any holes in panel until back of location is properly checked for clearance. Use of safety goggles is required.
4. Run switch harness through firewall on vehicle. Drill hole through firewall as required for harness plug. Highly recommend use of rubber grommet (not included) to protect harness. Feed switch harness plug through hole in firewall. Seal firewall with silicone as necessary.
5. Attach Relay and main harness to suitable location near battery (firewall or inner fender for example). Do not connect to battery at this time.
6. Attach switch plug to switch harness and tie harness away from anything that could damage harness.
7. Run the prewired light harness down to the light. Plug harness into prewired plug on each light. Tie wiring harness away from anything that could damage harness.
8. Attach the fused red positive and black negative wires on the main harness to the battery. **NOTE:** Attach black negative wire to negative terminal on battery or suitable chassis ground.
9. Reattach battery cables to battery. Installation is complete.
10. Adjust lights for best results and fully tighten all hardware.
11. Do periodic inspections to the installation to make sure that all hardware is secure and tight and all wiring harnesses are properly secured and free from excessive movement.