

# REDROCK

## BARDE FRONT BUMPER

PART #: S197641

**FITS:**

2016-2018 Chevy Silverado 1500  
(Include 2019 Silverado 1500 LD Model)



90-180 min



Cutting May  
Required



Drilling Not  
Required

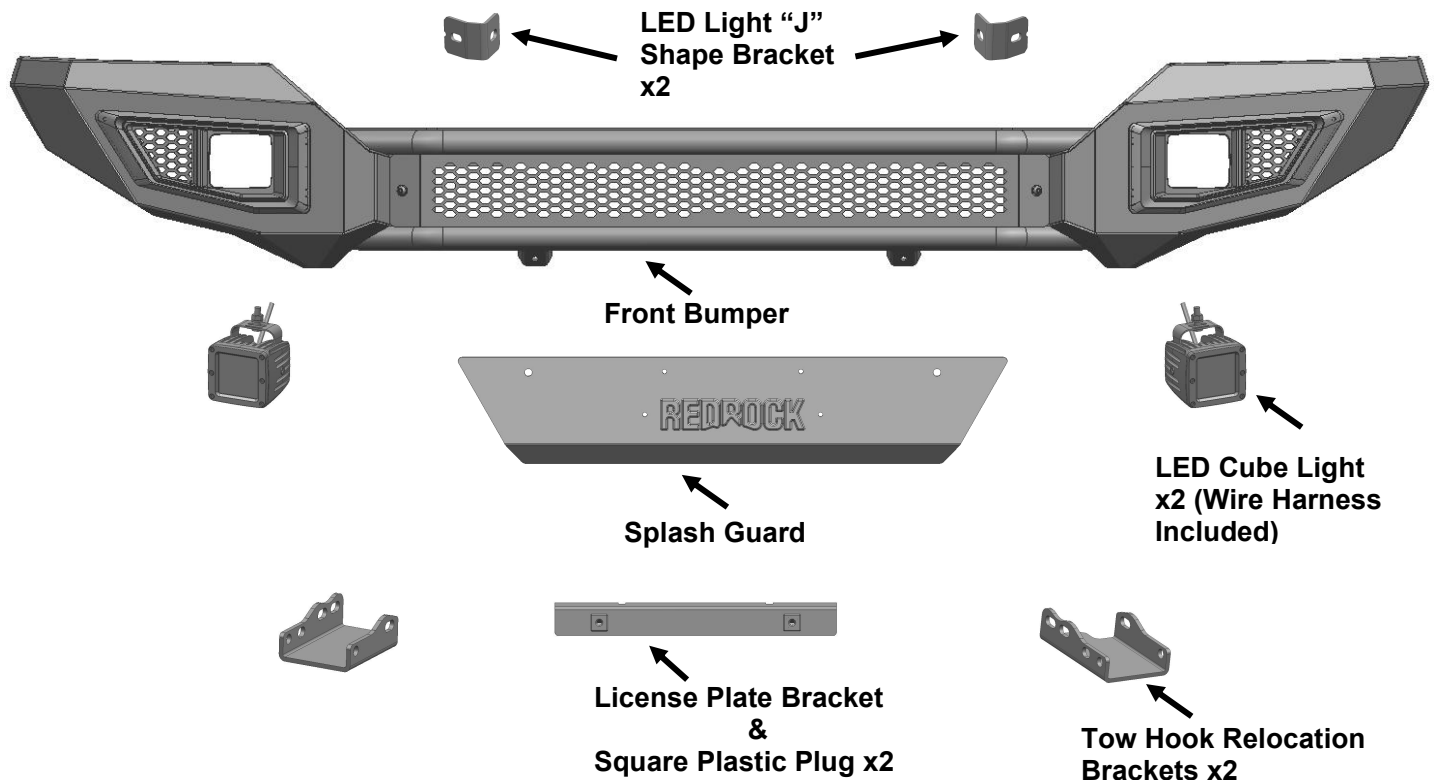
### Torque & Tools

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

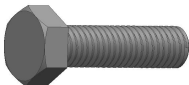






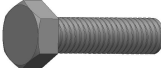






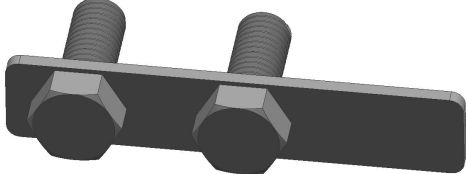
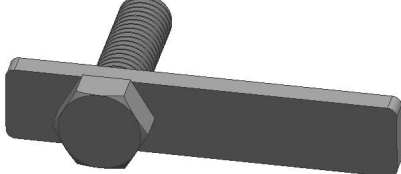




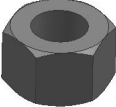
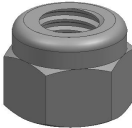
### BEFORE INSTALLATION

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT DEPEND ON THE PARTS LIST. READ INSTRUCTIONS CAREFULLY. BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.

### Part List



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<p><b>Use to Attach Wings to Bumper:</b></p>	 <b>x4</b> 10mm x 30mm Hex Bolt  <b>x4</b> 10mm x 20mm Flat Washer  <b>x4</b> 10mm Lock Washer
<p><b>Use to Attach Splash Guard to the Bumper:</b></p>	 <b>x2</b> 8mm x 25mm Button Head Bolt  <b>x2</b> 8mm Lock Washer  <b>x2</b> 8mm x 24mm Flat Washer  <b>x1</b> 5mm Allen Wrench
<p><b>Use to Attach 30" LED Light Bar to the "J" Shape Brackets: (Light Bar Not Included)</b></p>	 <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)
<p><b>Use to Attach License Plate Bracket to the Splash Guard:</b></p>	 <b>x2</b> 6mm x 20mm Button Head Bolt  <b>x4</b> 6mm x 18mm x 1.6mm Flat Washer  <b>x2</b> 6mm Nylon Lock Nut  <b>x1</b> 4mm Allen Wrench
<p><b>Use to Relocation the Tow Hook:</b></p>	 <b>x2</b> 12mm Double Bolt Plates  <b>x2</b> 12mm Single Bolt Plates  <b>x2</b> 12mm x 130mm_36mm Hex Bolts  <b>x4</b> 2-Hole Spacer Plates  <b>x10</b> 12mm x 24mm Flat Washers  <b>x6</b> 12mm Lock Washers  <b>x6</b> 12mm Hex Nuts  <b>x2</b> 12mm Nylon Lock Nuts

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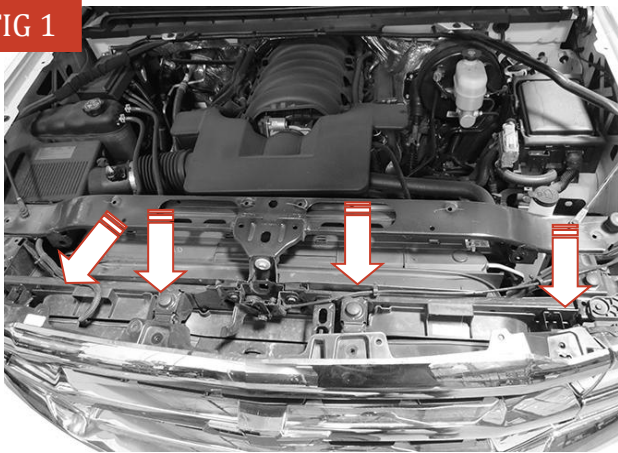
## STEP 1

Remove the license plate and bracket. On models with factory fog lights and/or bumper sensors, unplug the wiring harness leading to the bumper. Move harness away from bumper.

## STEP 2

Open the hood and remove the plastic cover between the top of the radiator and the grille, (**Fig 1**). Next, carefully remove the grille from the vehicle. **NOTE:** Grille is held in place with screws at the top and several clips, (**Fig 1**). Remove the screws and firmly pull the grille straight out from the vehicle to release the grille from the clips, (**Figs 2 & 3**).

FIG 1



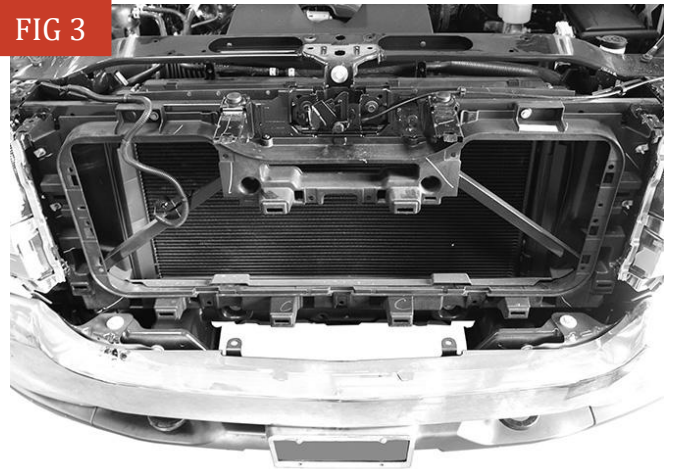
(Fig 1) Remove cover and screws attaching grille

FIG 2



(Fig 2) Firmly pull grille straight out from vehicle

FIG 3

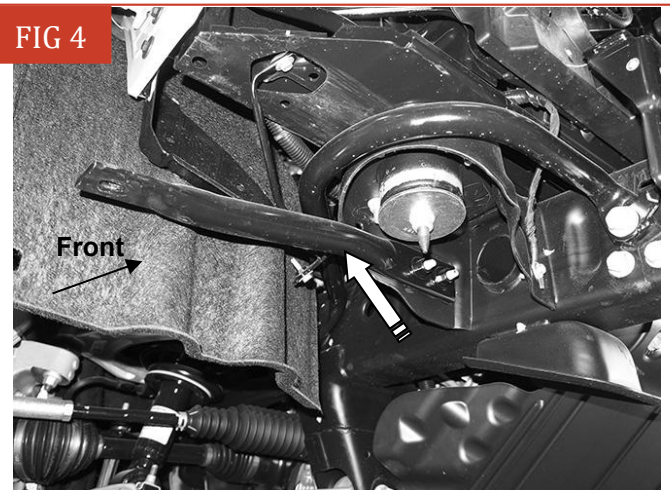


(Fig 3) Grille removed to access top bumper bolts

## STEP 3

From behind the bumper, remove the outer bumper supports on each side of the frame, (**Fig 4**).

FIG 4



(Fig 4) Remove outer bumper support brackets

## STEP 4

Place blocks or jack stands under the front bumper to support it during mounting bolt removal. Once the bumper has been safely supported, from above, remove the bumper bolts attaching the bumper assembly to the end of the frame, **(Fig 5)**. **WARNING!** Assistance is required to hold the bumper in place during bolt removal to prevent the bumper from falling. Carefully slide the bumper assembly with brackets off of the ends of the frame.

FIG 5



**(Fig 5) Remove bumper bolts attaching bumper to brackets- passenger side pictured from above**



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

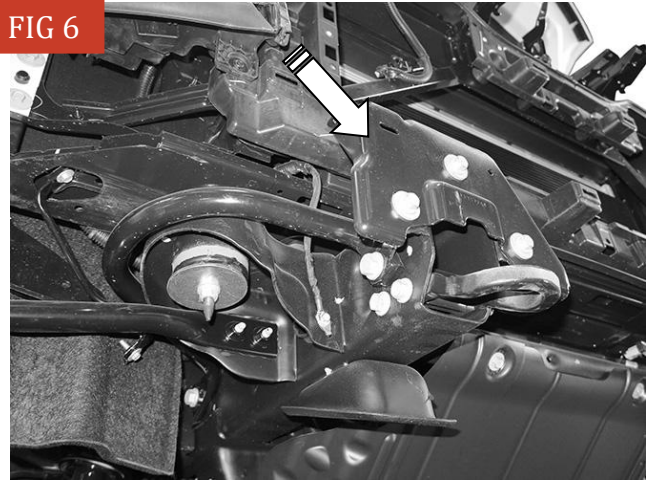
## STEP 5

Once bumper has been removed, reinstall the plastic grille and cover removed in **Step 2**.

## STEP 6

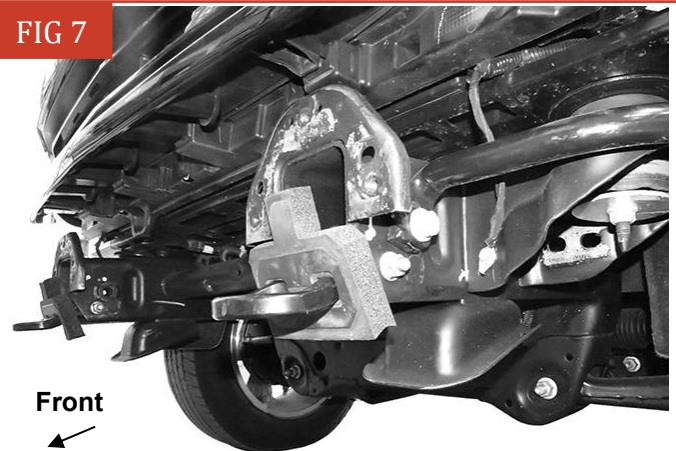
Remove both bumper brackets and tow hooks (if equipped) from the end of the frame **(Figs 6-8)**.

FIG 6



**(Fig 6) Remove factory bumper brackets (Arrow)**

FIG 7



**(Fig 7) Bumper brackets removed. Remove tow hooks if equipped**

FIG 8



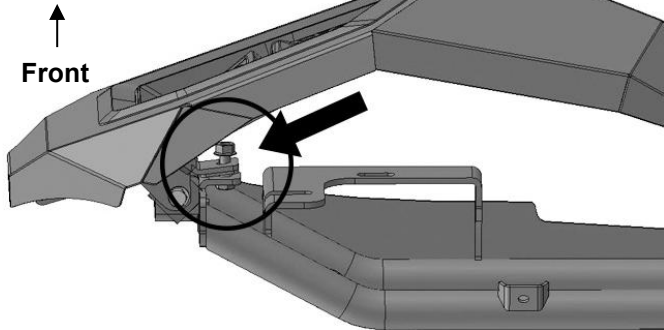
**(Fig 8) Example driver/left bumper bracket removed on model without tow hooks**

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## 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.

FIG 9

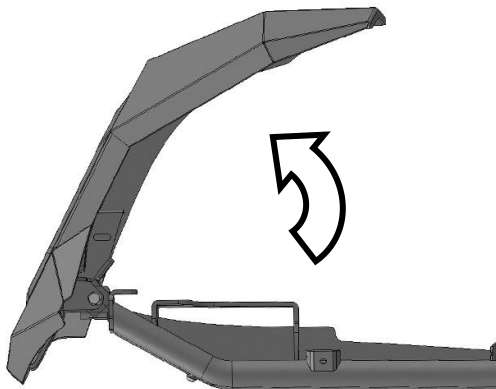


(Fig 9) Remove the hex bolt from the Bumper to release the Wing

## STEP 8

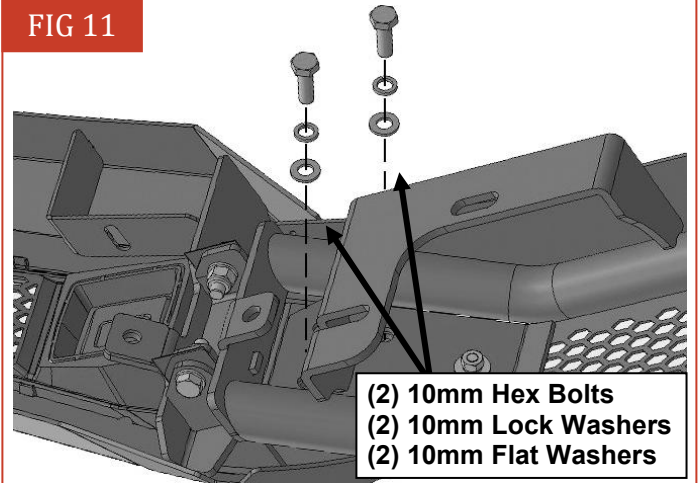
Rotate the driver/left side Outer Wings outward as far as they will go until the mounting plate is against the back of the center Bumper, (Fig 10). Attach the Wings to the Bumper with (2) 10mm Hex Bolts, (2) 10mm Lock Washers and (2) 10mm Flat Washers, (Fig 11). Repeat this Step to unfold and attach the passenger/right side outer wing. Do not fully tighten hardware at this time.

FIG 10



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

FIG 11



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

## STEP 9

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. **IMPORTANT:** On diesel models with intercooler, center LED Light installation is not recommended. Blocking the intercooler may cause overheating.

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

- Remove the center mesh fill panel, (Fig 12).

FIG 12

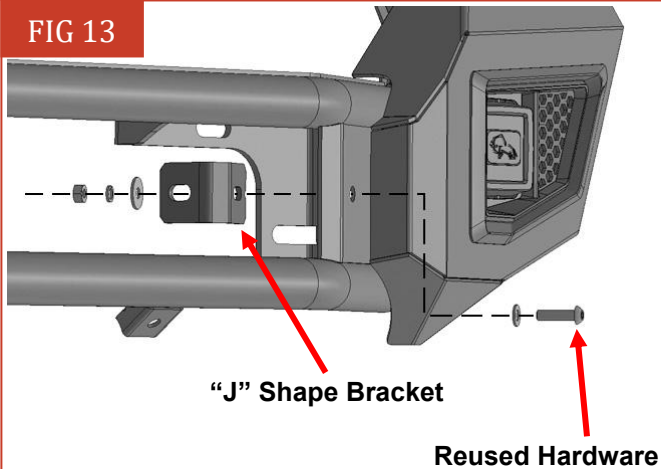


(Fig 12) Remove the front mesh to attach a 30in lightbar (Lightbar not included)

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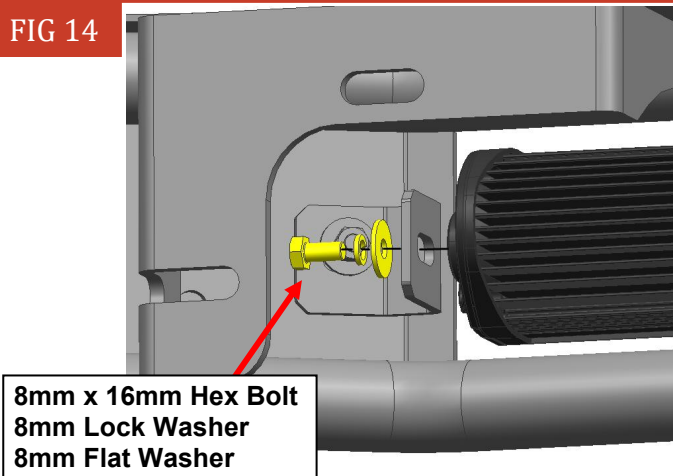
- b. Select (1) **“J” Shape Bracket, (Fig 13)**. Reuse the hardware from the fill panel to attach the “J” Shape Bracket to the back of the driver/left side of the Bumper, (Fig 13). Repeat this **Step** to install the remaining “J” Shape Bracket on the passenger/right side of the Bumper. **IMPORTANT:** The Bumper features mounting location designed for **30” bar style lights** only.
- c. Attach the light to the “J” Shape 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).

FIG 13



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

FIG 14



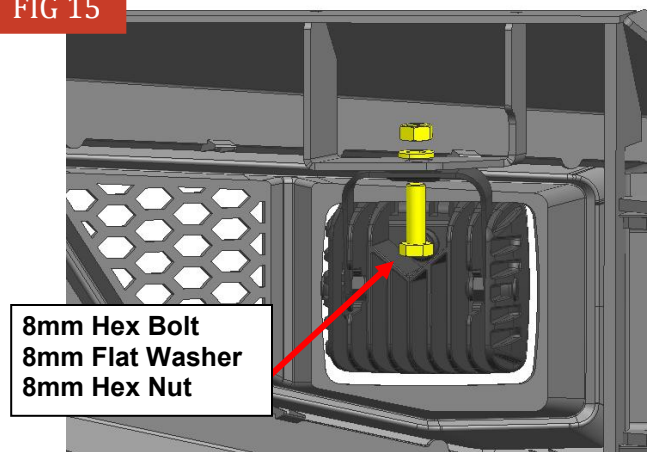
(Fig 14) Attach bar style LED light to “J” Light Brackets (light not included)

## STEP 10

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

- a. 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). **Note:** These standard parts included on the Cube Light Kit.
- b. 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 11

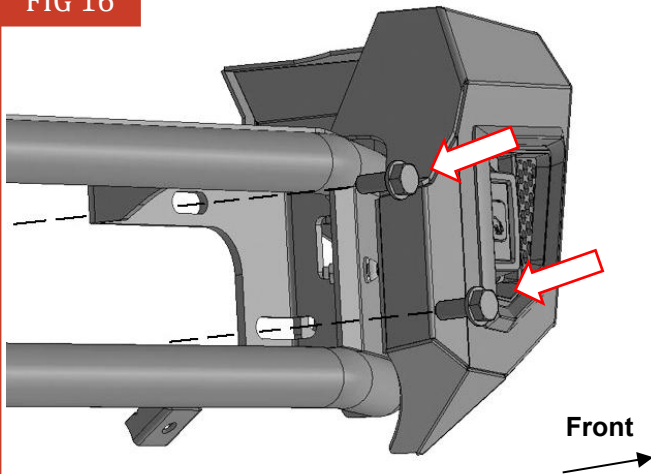
With assistance, position the Bumper Assembly up to the outside of the end of the frame. Temporarily support the weight of the Bumper. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the Bumper is fully and safely supported.

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## STEP 12

Line up the (2) slots in the driver/left side mounting plate on the back of the Bumper with the mounting holes in the end of the frame, (**Fig 8**). Reuse the factory bolts to attach the Bumper to the plate, (**Figs 16**). Repeat this **Step** to attach the passenger/right side of the Bumper to the frame.

FIG 16



(Fig 16) Reuse factory hex bolts to attach mounting plate on back of Bumper to end of frame (driver/left side illustrated without center screen for instruction purposes only)

## STEP 13

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 14

**Models with tow hooks.**

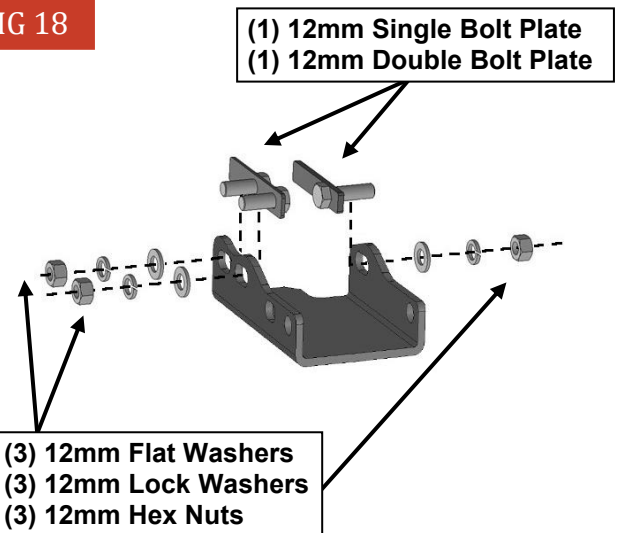
- a. Select (1) Single Bolt Plate and (1) Double Bolt Plate, (**Fig 17**). Select (1) Tow Hook Extension Bracket, (**Fig 18**). Slide the Bracket over the end of the frame. Line up the slots in the Bracket with the factory tow hook mounting holes. Insert the Bolt Plates into the open end of the driver/left side of the frame and out through the holes in the Bracket. Secure the Bracket to the Bolt Plates with (3) 12mm Flat Washers, (3) 12mm Lock Washers and (3) 12mm Hex Nuts, (**Fig 18**). Do not fully tighten at this time.

FIG 17



(Fig 17) 12mm Single Bolt Plate and 12mm Double Bolt Plate

FIG 18

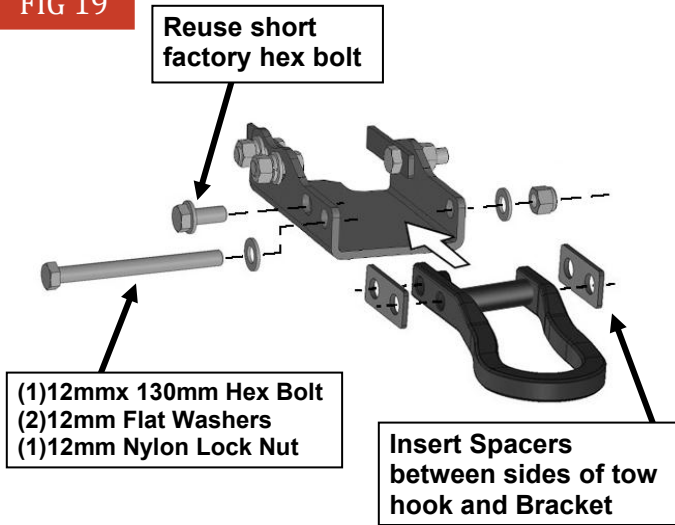


(Fig 18) Attach Tow Hook Extension Bracket to bottom of frame with included Bolt Plates

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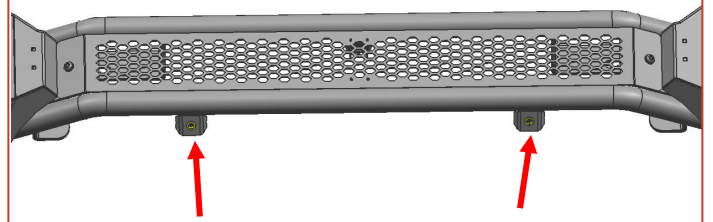
- b. Select (1) tow hook. Place the tow hook on top of the Extension Bracket. Slide (1) Spacer Plate between each side of the tow hook and the Bracket. Reuse the short factory hex bolt to attach the rear of the tow hook to the Extension Bracket, **(Fig 19)**. Attach the front of the tow hook to the frame, bracket and Spacers with the included (1)12mmx 130mm Hex Bolt, (2) 12mm Flat Washers and (1) 12mm Nylon Lock Nut. Fully tighten tow hook and Extension Bracket hardware only.
- c. Repeat **Steps** to install the passenger/right side Extension Bracket and tow hook.

**FIG 19**

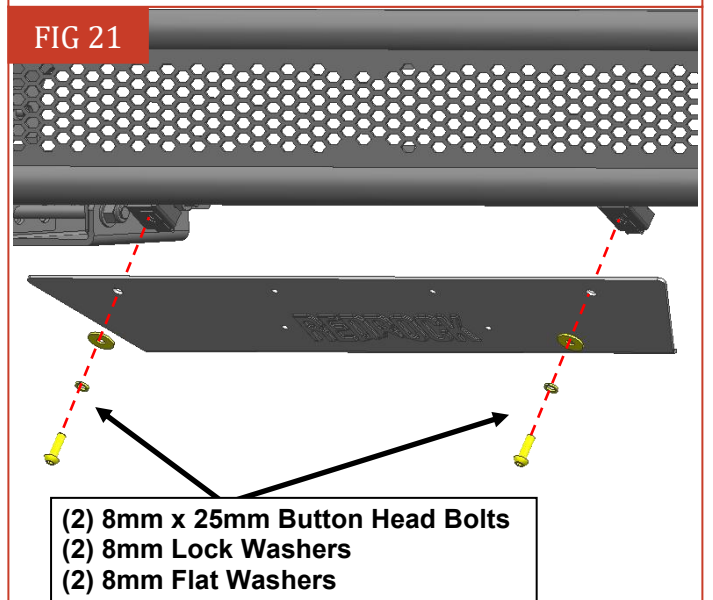


**(Fig 19) Attach tow hook to Extension Bracket. Slide a Spacer between each side of tow hook**

**FIG 20**



**FIG 21**



**(Fig 21) Attach the Splash Guard to the bottom of the Bumper**

## STEP 15

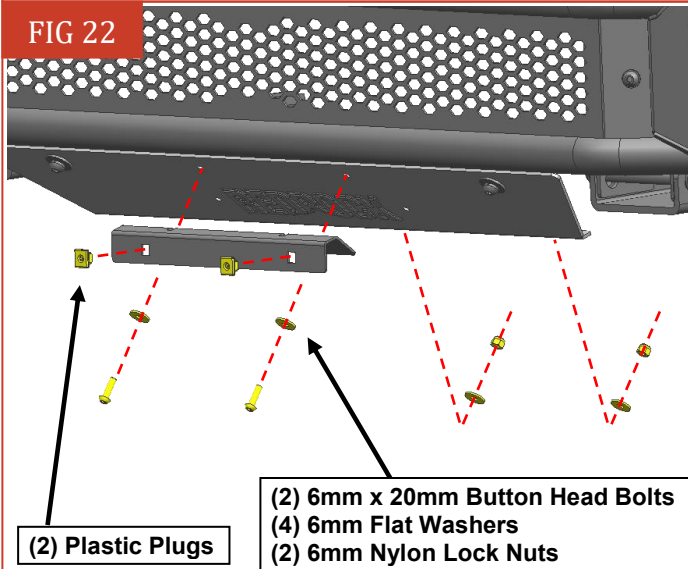
Locate the 2 Insert Nuts over the tab on the bottom of the Bumper, **(Fig 20)**. Line up the Nut with hole in tab. Select the Splash Guard. Attach the Splash Guard to the Clip Nuts with the included (2) 8mm x 25mm Button Head Bolts. (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Fig 21)**.



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## STEP 16

Attach the License Plate Bracket to the Splash Guard with (2) 6mm x 20mm Button Head Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, (**Fig 22**). Insert the (2) Square Plastic Plugs into the square holes in the License Plate Bracket. Reuse the factory screws to attach the license plate to the Plastic Plugs, (**Fig 22**).



(Fig 22) Attach the License Plate Bracket to Bumper

FIG 23



(Fig 23) Complete Installation

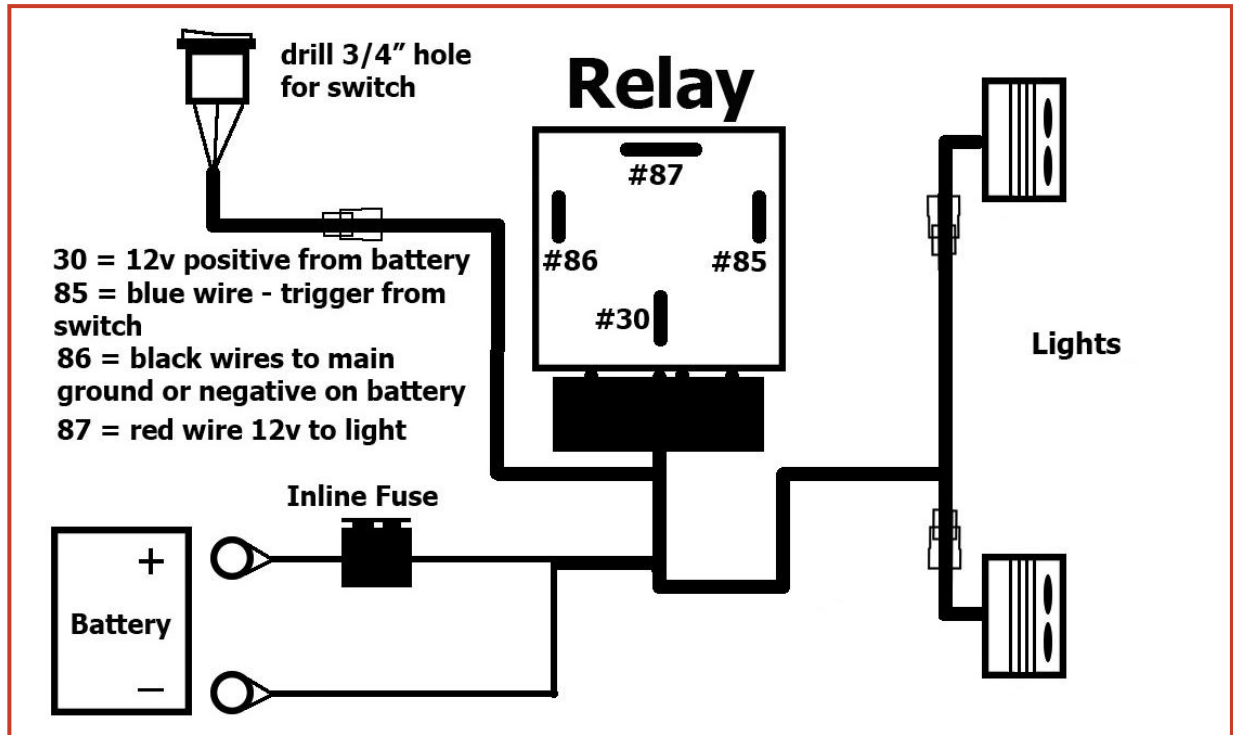
## STEP 17

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.