

# REDROCK

## BARDE FRONT BUMPER

PART #: R190199

### FITS:

2019-Current Dodge Ram 1500  
(Excl. Rebel & TRX Trim, 19-Current Ram 1500 Classic, 20-Current Ram 1500 Diesel models)



90-180 min



Cutting Not  
Required



Drilling Not  
Required

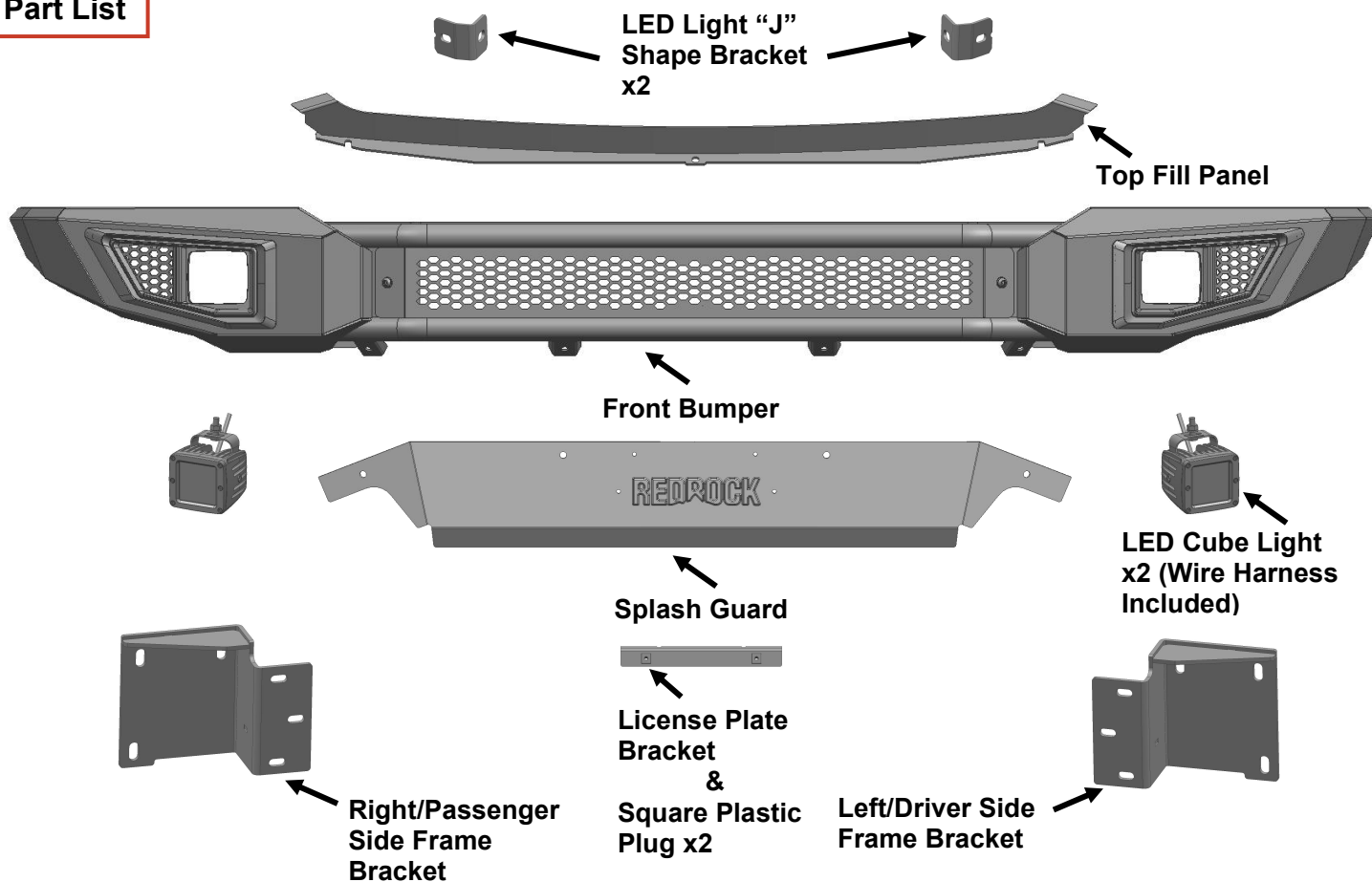
### Torque & Tools

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

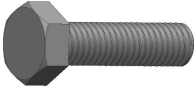


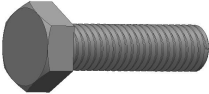
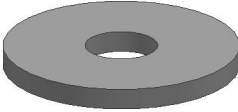

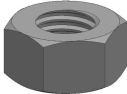
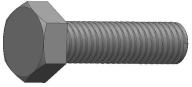
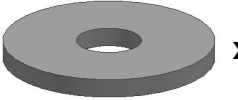

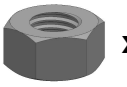
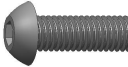



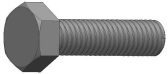










### BEFORE INSTALLATION

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT  
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



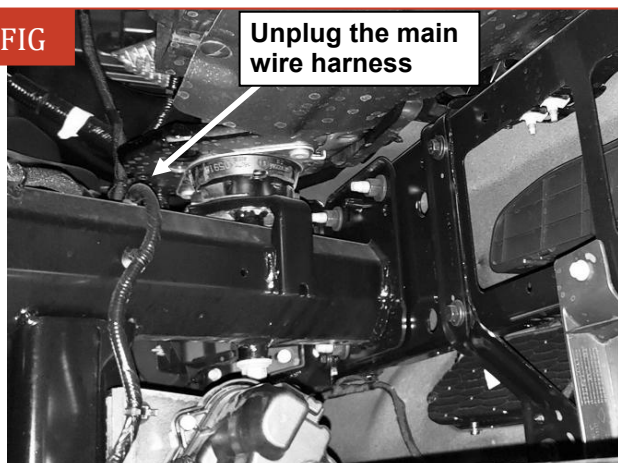
# REDROCK

<p><b>Use to Attach Wings to Bumper:</b></p>	<div>  <b>x4</b> </div> <div>  <b>x4</b> </div> <div>  <b>x4</b> </div> <div> <p>10mm x 30mm Hex Bolt</p> </div> <div> <p>10mm x 20mm x 2mm Flat Washer</p> </div> <div> <p>10mm Lock Washer</p> </div>
<p><b>Use to Attach Bumper and Brackets to the Vehicle:</b></p>	<div>  <b>x6</b> </div> <div>  <b>x12</b> </div> <div>  <b>x6</b> </div> <div>  <b>x6</b> </div> <div> <p>12mm x 35mm Hex Bolt</p> </div> <div> <p>12mm x 32mm x 3mm Flat Washer</p> </div> <div> <p>12mm Lock Washer</p> </div> <div> <p>12mm Hex Nut</p> </div> <div>  <b>x6</b> </div> <div>  <b>x12</b> </div> <div>  <b>x6</b> </div> <div>  <b>x6</b> </div> <div> <p>10mm x 35mm Hex Bolt</p> </div> <div> <p>10mm x 27mm x 3mm Flat Washer</p> </div> <div> <p>10mm Lock Washer</p> </div> <div> <p>10mm Hex Nut</p> </div>
<p><b>Use to Attach Splash Guard to the Bumper:</b></p>	<div>  <b>x4</b> </div> <div>  <b>x4</b> </div> <div>  <b>x4</b> </div> <div>  <b>x1</b> </div> <div> <p>8mm x 25mm Button Head Bolt</p> </div> <div> <p>8mm Lock Washer</p> </div> <div> <p>8mm x 24mm Flat Washer</p> </div> <div> <p>5mm Allen Wrench</p> </div>
<p><b>Use to Attach 30" LED Light Bar to the "J" Shape Brackets:</b> <i>(Light Bar Not Included)</i></p>	<div>  <b>x2</b> </div> <div>  <b>x2</b> </div> <div>  <b>x2</b> </div> <div> <p>8mm x 16mm Hex Bolt</p> </div> <div> <p>8mm Lock Washer</p> </div> <div> <p>8mm x 24mm x 2mm Flat Washer</p> </div>
<p><b>Use to Attach Top Filler Panel to the Bumper:</b></p>	<div>  <b>x3</b> </div> <div>  <b>x3</b> </div> <div>  <b>x3</b> </div> <div>  <b>x3</b> </div> <div> <p>6mm x 20mm Button Head Bolt</p> </div> <div> <p>6mm x 12mm x 1.6mm Flat Washer</p> </div> <div> <p>6mm x 18mm x 1.6mm Flat Washer</p> </div> <div> <p>6mm Nylon Lock Nut</p> </div>
<p><b>Use to Attach License Plate Bracket to the Splash Guard:</b></p>	<div>  <b>x2</b> </div> <div>  <b>x4</b> </div> <div>  <b>x2</b> </div> <div>  <b>x1</b> </div> <div> <p>6mm x 20mm Button Head Bolt</p> </div> <div> <p>6mm x 18mm x 1.6mm Flat Washer</p> </div> <div> <p>6mm Nylon Lock Nut</p> </div> <div> <p>4mm Allen Wrench</p> </div>

## STEP 1

Remove the license plate and bracket. Starting underneath the front bumper, locate and unplug the main wire harness on the driver/left side of the bumper, (Fig 1).

CFIG

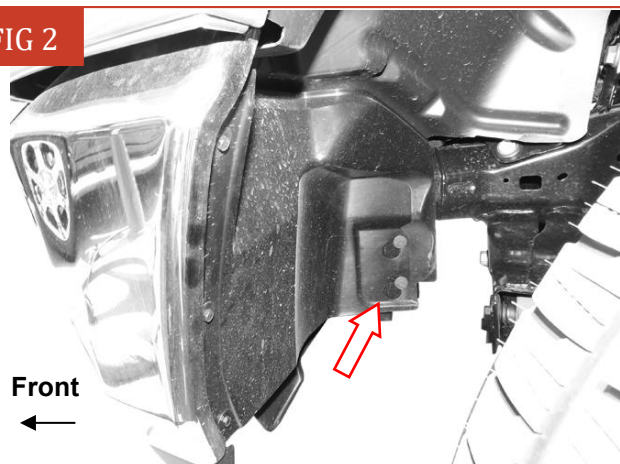


(Fig 1) Unplug the main wire harness on the driver/left side of the bumper

## STEP 2

On the driver/left side of the bumper, remove the (2) factory bolts attaching the side of the bumper cover to the side of the frame, (Fig 2). Repeat this Step for the passenger/right side.

FIG 2



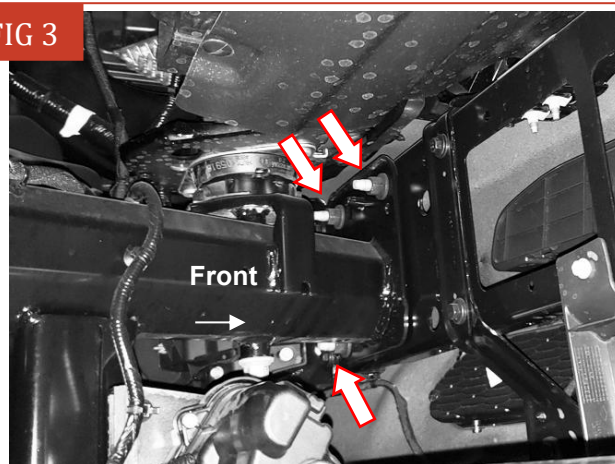
(Fig 2) Remove the (2) bolts attaching the side of bumper to the frame (Driver/left side pictured)

## STEP 3

Place blocks or jack stands under the bumper to support it during mounting bolt removal. Once the bumper has been safely supported, remove the (3) factory flange nuts attaching each bumper bracket to the end of the frame, (Figs 3 & 4).

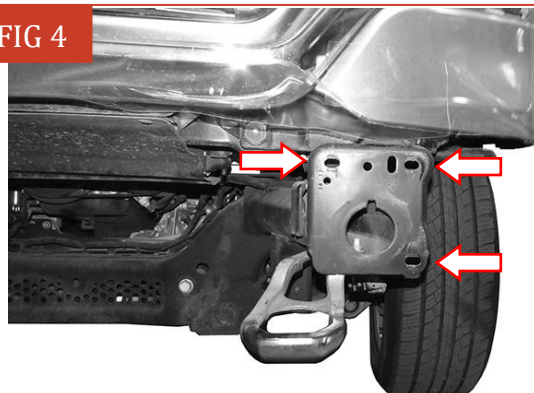
**WARNING!** Assistance is required to hold bumper in place during hardware removal to prevent the bumper from falling. Slide the bumper assembly off of the end of the frame and place bumper on stable clean flat surface.

FIG 3



(Fig 3) Remove the (3) factory flange nuts from the driver/left side frame

FIG 4



(Fig 4) Driver/left Frame mounting location

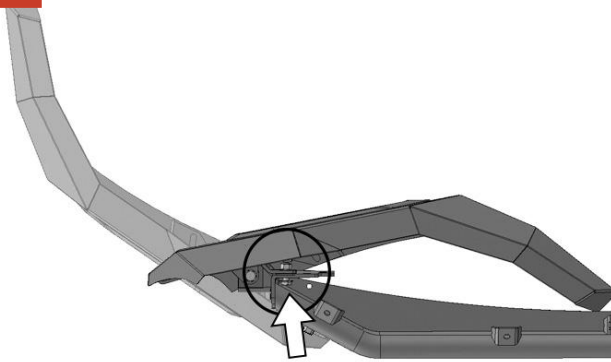


**WARNING!** Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

## STEP 4

Carefully unwrap the Bumper assembly. Remove the (2) 10mm Hex Bolts holding the folded wings securely in place for shipping, (**Fig 5**). Discard bolts.

FIG 5

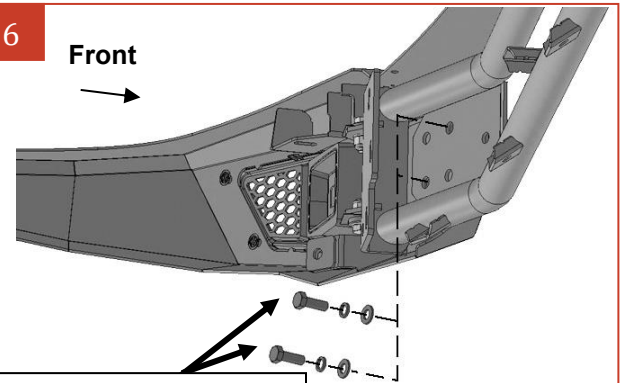


(Fig 5) Remove the hex bolt from the Bumper to release the Wing (arrow). Rotate the Wing all the way around until it stops (driver/left side illustrated)

## STEP 5

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 5**). Attach the Wing to the Bumper with the included (2) 10mm x 30mm Hex Bolts, (2) 10mm Lock Washers and (2) 10mm x 20mm Small Flat Washers, (**Figs 6 & 7**). Repeat this Step to unfold and attach the passenger/right outer wing. **NOTE:** There is a small amount of adjustment in the Wing attachment points. Pull Wings outward as far as possible, (**Fig 8**). Do not fully tighten hardware at this time.

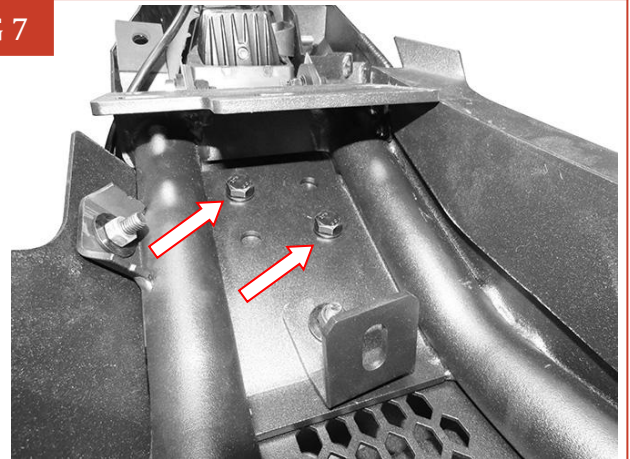
FIG 6



(2) 10mm x 30mm Hex Bolts  
(2) 10mm Lock washers  
(2) 10mm x 20mm Flat Washers

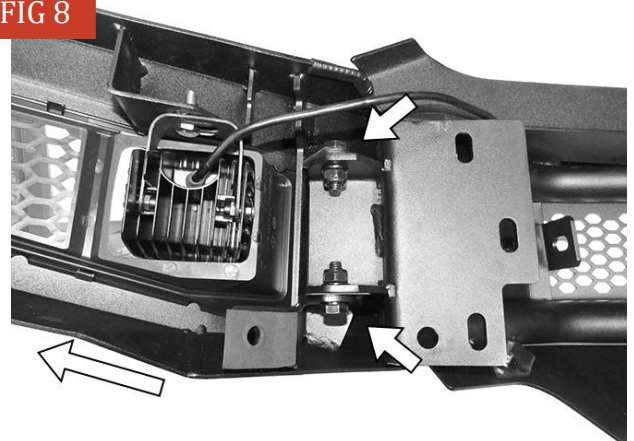
(Fig 6) Attach Wing to Bumper (driver/left side illustrated)

FIG 7



(Fig 7) Attach Wing to Bumper (driver/left side pictured)

FIG 8



(Fig 8) Pull Wing outward before tightening hardware (driver/left side pictured)



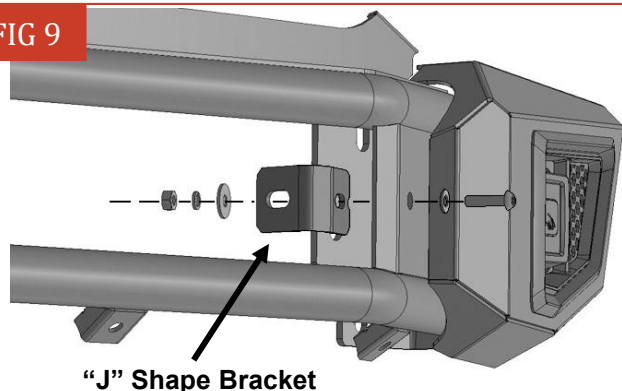
## STEP 6

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

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

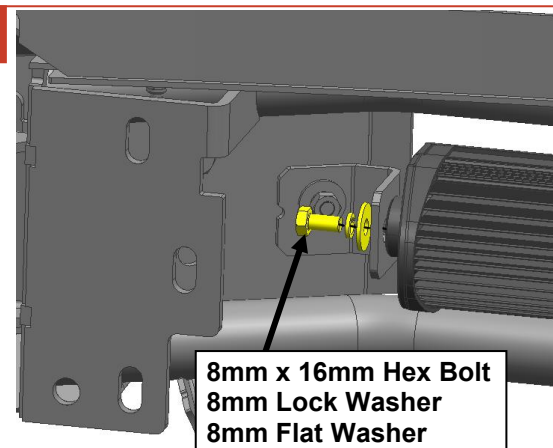
- Remove the center mesh fill panel, (Fig 9).
- Select (1) **"J" Shape Bracket**. Reuse the hardware from the fill panel to attach the "J" Shape Bracket to the back of the driver/left side of the Bumper, (Fig 9). Repeat this **Step** to install the remaining "J" Shape Bracket on the passenger/right side of the Bumper. **IMPORTANT:** The Bumper features mounting location designed for **30"** bar style lights only.
- 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 10).

FIG 9



(Fig 9) Reuse hardware from center mesh panel to attach "J" Shape Bracket to back of Bumper. **Note:** the notched end of the "J" Shape Bracket face to the bumper (Driver/Left Side illustrated)

FIG 10



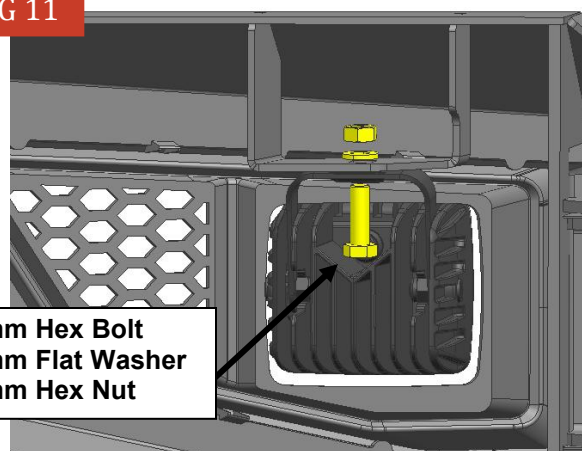
(Fig 10) Attach bar style LED light to "J" Shape Brackets (light not included)

## STEP 7

### 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 11). **Note:** These standard parts included on the Cube Light Kit.
- Follow the light manufacturer's instruction to properly wire lights once Bumper is installed

FIG 11



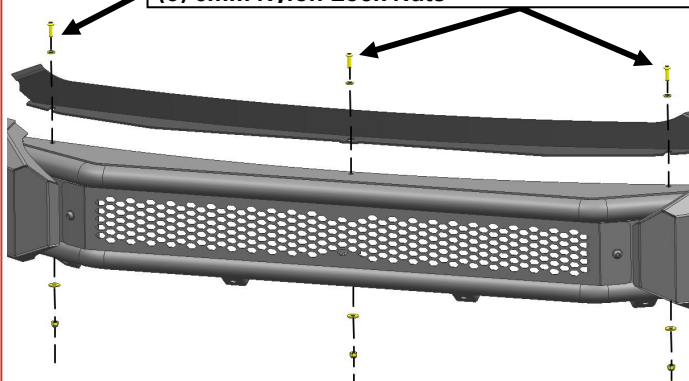
(Fig 11) Attach the cube style LED lights to the mounting tabs (These standard parts included on the Cube Light Kit)

## STEP 8

Select the **Top Fill Panel**. Attach the Fill Panel to the inside of the top of the Bumper with the included (3) 6mm Button Head Bolts, (3) 6mm x 12mm Small Flat Washers (**Top**), (3) 6mm x 18mm Large Flat Washers (**Bottom**) and (3) 6mm Lock Nuts (**Fig 12**). Do not fully tighten hardware.

FIG 12

- (3) 6mm x 20mm Button Head Bolts
- (3) 6mm x 12mm Small Flat Washers (top)
- (3) 6mm x 18mm Large Flat Washers (bottom)
- (3) 6mm Nylon Lock Nuts

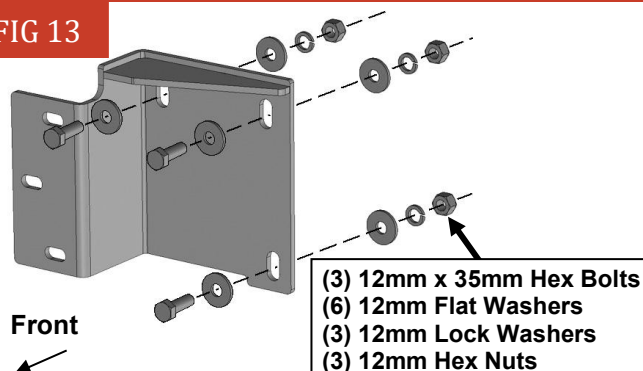


(Fig 12) Attach Top Fill Panel to inside of top of Bumper

## STEP 9

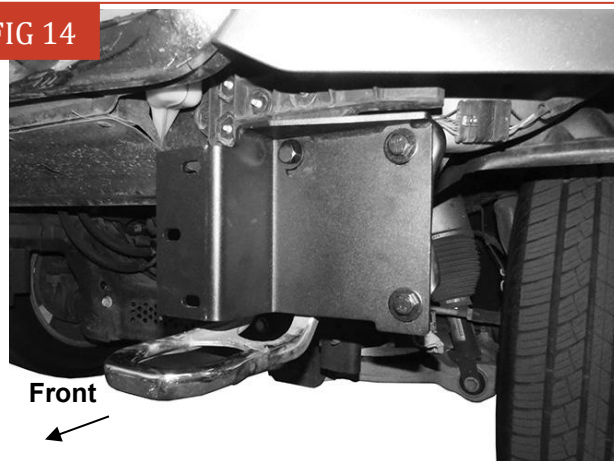
Move to the driver/left frame mounting location. Select the **Driver/Left Frame Bracket**. Attach the Bracket to the end of the frame with (3) 12mm x 35mm Hex Bolts, (6) 12mm Flat Washers, (3) 12mm Lock Washers and (3) 12mm Hex Nuts, (**Figs 13 & 14**). Repeat this Step to install the passenger/right Frame Bracket.

FIG 13



(Fig 13) Attach driver/left Frame Mounting Bracket to end of frame

FIG 14



(Fig 14) Driver/left side Frame Bracket

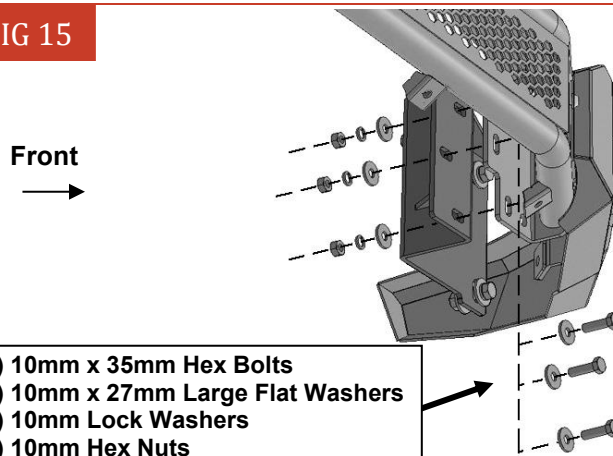
## STEP 10

With assistance, position the Bumper Assembly up to 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.

## STEP 11

Attach the Bumper to the Left/Right Frame Brackets with (6) 10mm x 35mm Hex Bolts, (12) 10mm Large Flat Washers, (6) 10mm Lock Washers and (6) 10mm Hex Nuts, (**Fig 15**). Leave hardware loose.

FIG 15



(Fig 15) Attach driver/left side of Bumper to Frame Mounting Bracket

# REDROCK

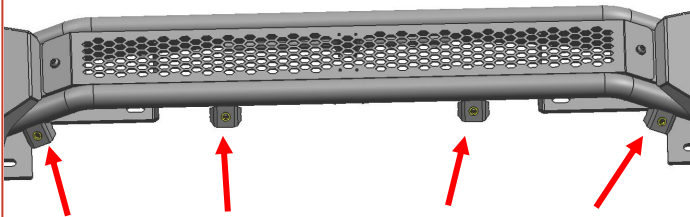
## STEP 12

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 13

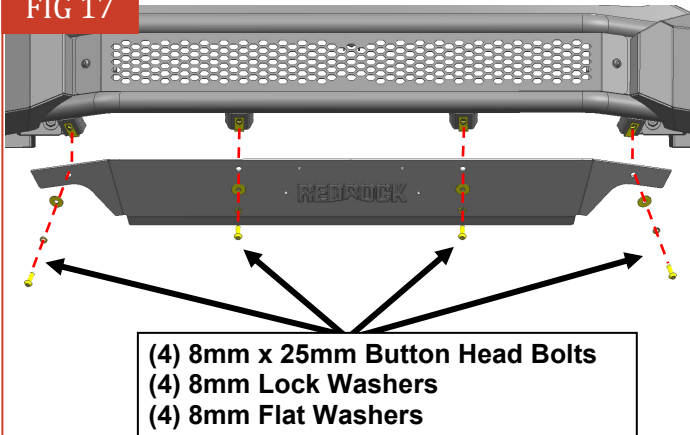
Locate the 4 Insert Nuts over the tab on the bottom of the Bumper, (**Fig 16**). Line up the Nut with hole in tab. Select the Splash Guard. Attach the Splash Guard to the bottom of the Bumper with the included (4) 8mm x 25mm Button Head Bolts. (4) 8mm Lock Washers and (4) 8mm Flat Washers, (**Fig 17**).

FIG 16



(Fig 16) Locate the 4 Insert Nuts over the tab

FIG 17

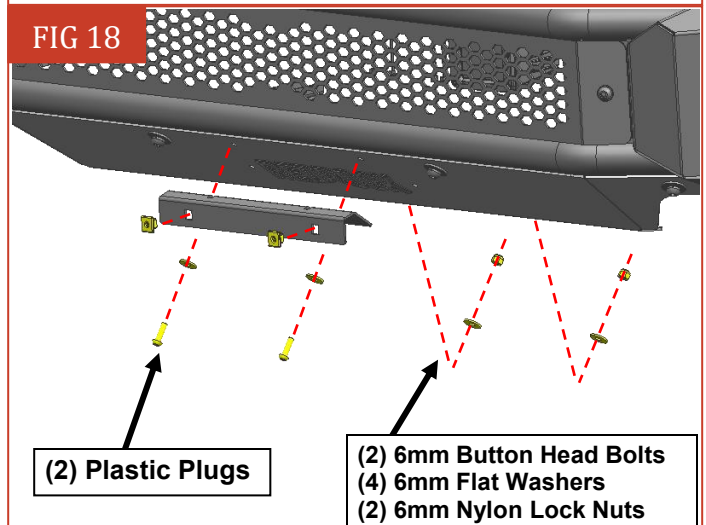


(Fig 17) Attach Splash Guard to Insert Nuts on bottom of Bumper

## STEP 14

Attach the **License Plate Bracket** to the holes in the Splash Guard with the included (2) 6mm x 20mm Button Head Bolts, (4) 6mm 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



(Fig 18) Attach License plate Bracket to the front of the Bumper

## STEP 15

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

Complete Installation

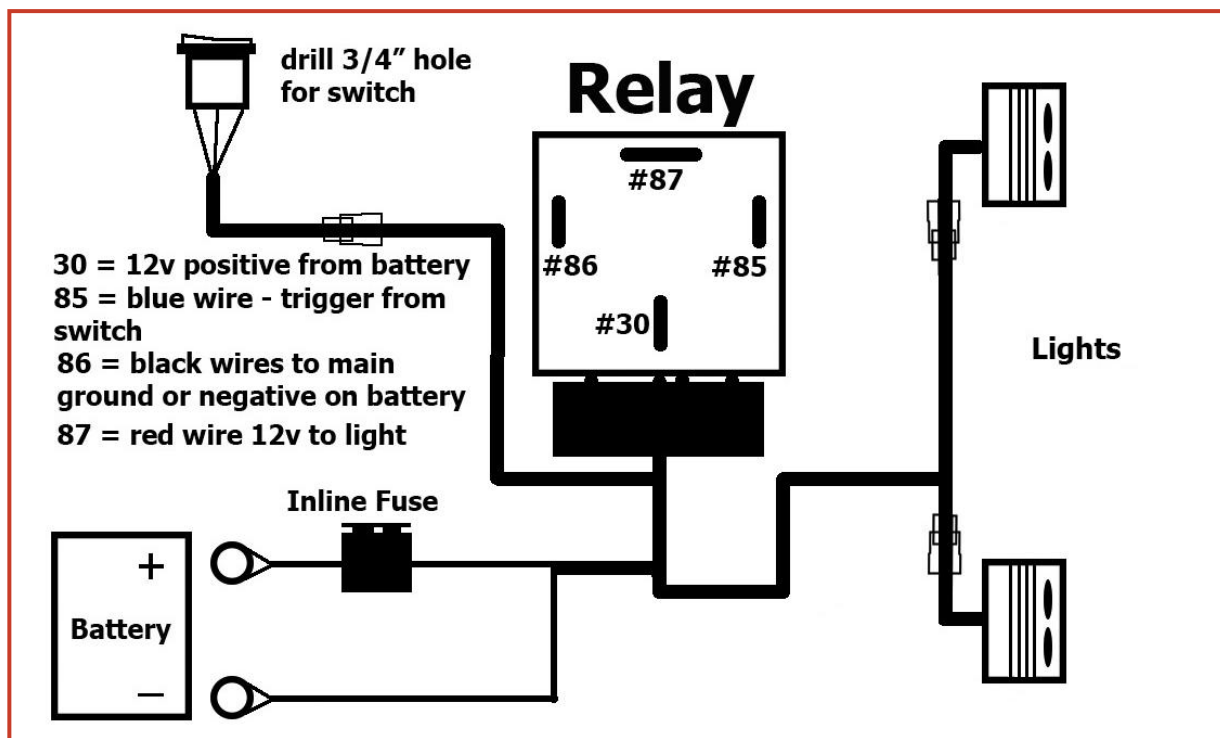


# REDROCK

## 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.