

INSTALL INSTRUCTIONS

Identity Front Bumper

Product : 4102DF_4162DF

Application : 2010 — 2018 Dodge Ram 2500,3500

(THIS APPLIES TO ALL IDENTITY SERIES FRONT BUMPERS)

I WARNING

Read the instructions completely before beginning installation. Before tightening bolts, drilling or cutting where required, check to make sure there are no obstructions such as brake, fuel or electrical lines which may be damaged. Also keep in mind this is an aftermarket product and MAY require minor shimming and/or trimming, reaming, etc. for proper fit. Road Armor is not responsible for any damages to vehicle.

IMPORTANT NOTICE

- Be sure to inspect and test fit your product to ensure proper fitment before having it coated, painted, bed lined, etc.
- Road Armor will not be responsible for the cost of coating your unit if any problems with fit or finish are not noted and addressed beforehand.

SAFETY FIRST!

- FOLLOW ALL INSTRUCTIONS, YOUR SAFETY AND THE SAFETY OF OTHERS IS MOST IMPORTANT.
- WEAR APPROPRIATE EYE PROTECTION AND EXERCISE CAUTION WHEN DRILLING / CUTTING

REQUIRED TOOLS

SAE & METRIC Socket set and wrenches
 Screw drivers, pry tool, pick tool, pliers

RECOMMENDED TOOLS

Adjustable Table Cart / Table/Pallet Lift or Hoist
 Impact driver

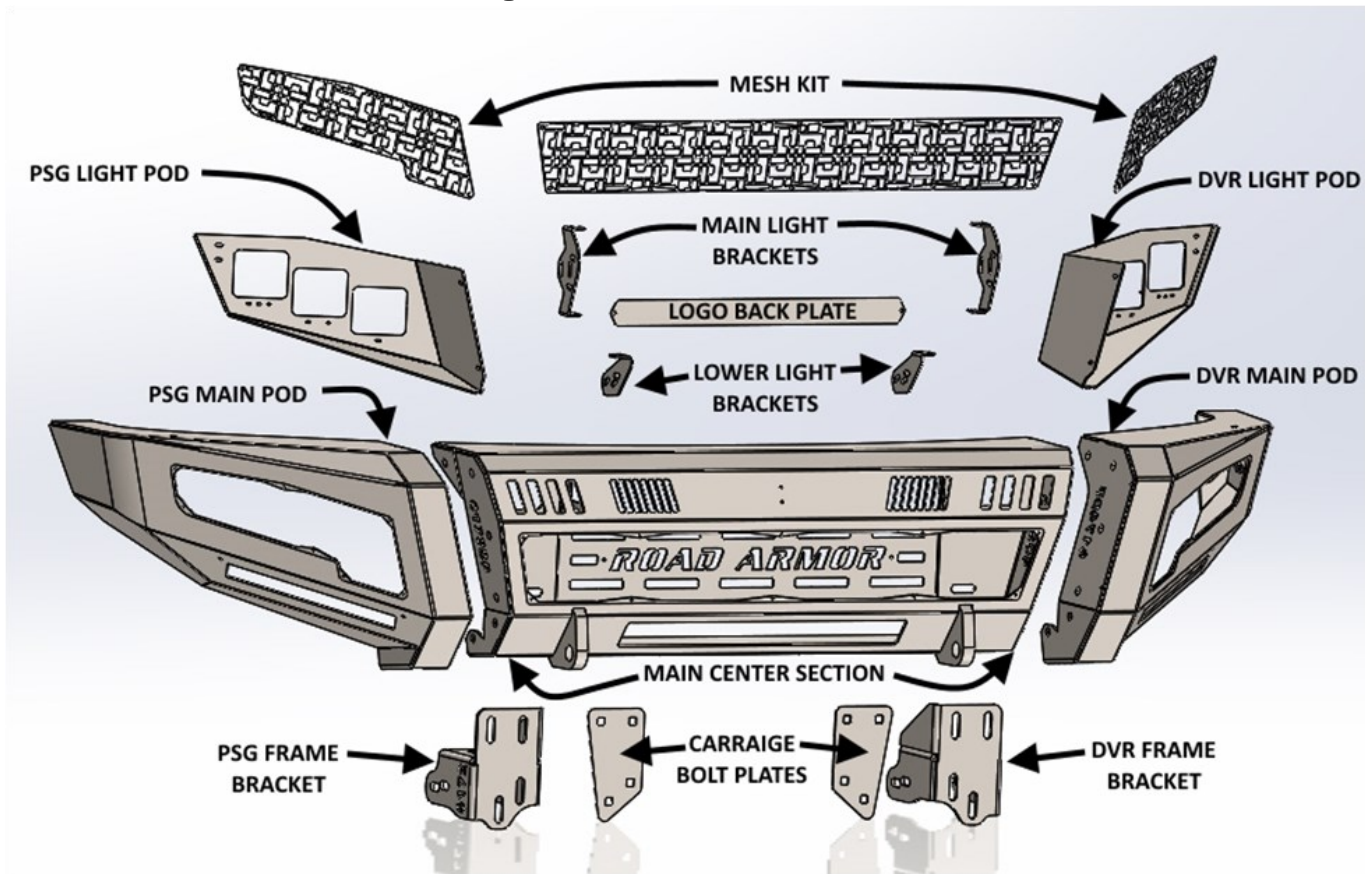
INCLUDED HARDWARE

- 40 #10-24 x 1/2" ASTM F835 Hex Drive Zinc Finish Alloy Steel Button Socket Cap Screw
- 16 #10-24 Zinc Finish Steel with External Tooth Lock washer K-Lock Nut
- 8 1/2"-13 x 1-1/2" SAE J429 Grade 5 Round Head Zinc Finish Partial Thread Carriage Bolt
- 8 1/2" Bolt 15/16" O.D. Zinc Push Nut Bolt Retainer
- 8 1/2" x 1.375" OD Thru-Hardened Yellow Zinc Finish Steel USS General Purpose Flat Washer
- 8 1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
- 8 1/2"-13 Yellow Zinc Finish Grade 8 Finished Hex Nut
- 12 7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
- 24 7/16" x 1.250" OD Thru-Hardened Yellow Zinc Finish Steel USS General Purpose Flat Washer
- 12 7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
- 12 7/16" Yellow Zinc Finish High Alloy Medium Split Lock Washer
- 6 5/16"-18 x 3/4" Zinc Finish SAE J429 Grade 5 Short Square Neck Round
- 6 5/16"-18 Zinc Finish Grade A Finished Hex Nut
- 6 5/16" x 0.875" OD Low Carbon Zinc Finish Steel USS General Purpose Flat Washer
- 4 1/4" x 0.734" OD Low Carbon Zinc Finish Steel USS General Purpose Flat Washer
- 2 1/4"-20 Zinc Finish Grade A Finished Hex Nut
- 2 1/4"-20 x 1" Grade 5 Zinc Finish Hex Cap Screw
- 1 RA-SHIELD-RWB REV01
- 2 Quake LED 12" Accent Light & MODULE

KIT COMPONENT LIST

- 1 Main Center Section
- 1 Driver Pod
- 1 Passenger Pod
- 1 Driver Light Pod
- 1 Passage Light Pod
- 1 Passenger Side Lower Light Bracket
- 1 Driver Side Lower Light Bracket
- 2 Carriage Bolt Plates
- 1 Main Driver Light Bracket
- 1 Main Passenger Light Bracket
- 1 Passenger Frame Bracket
- 1 Driver Frame Bracket
- 1 Logo Back Plate
- 1 Center Main Mesh
- 1 Driver Pod Mesh
- 1 Passenger Pod Mesh

Kit Components Included:

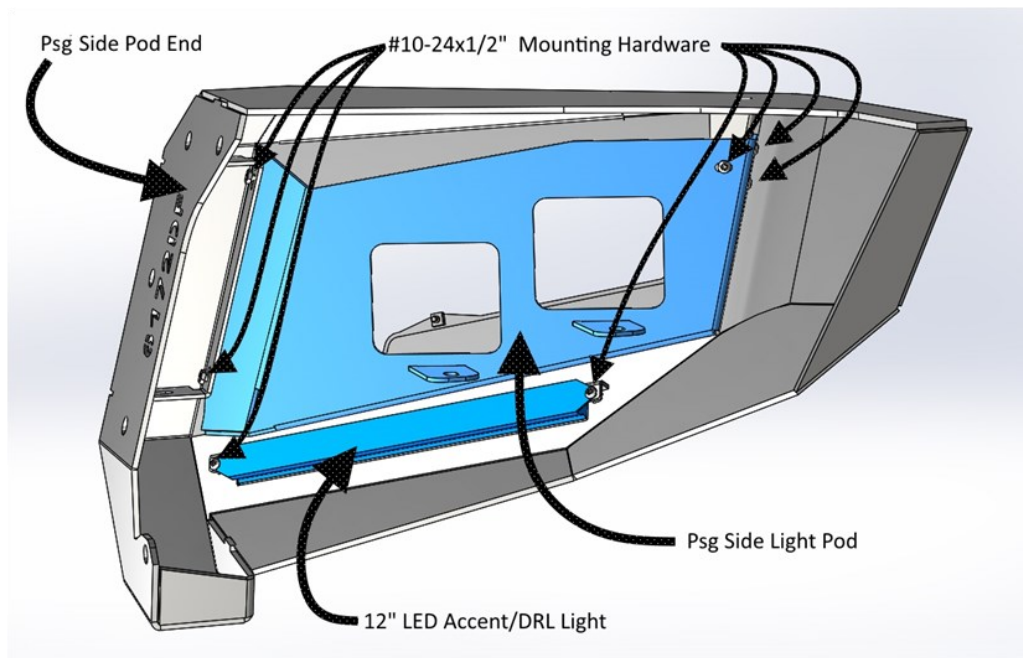


1

Assemble light pod into pod end using Qty: 5 - #10-24x1/2" kit bolt and lock nut in each pod.

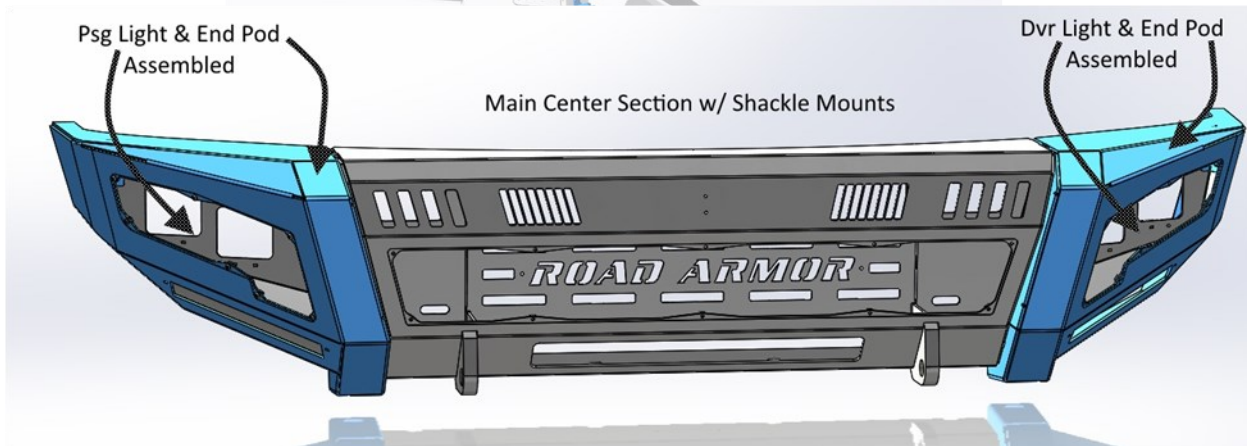
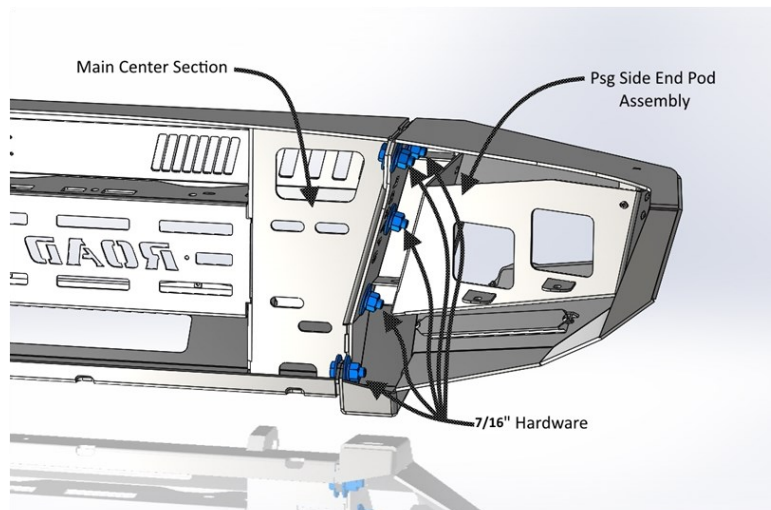
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Install both kit 12" Accent/DRL lights into pods using Qty: 2 - #10-24x1/2" kit bolt and lock nut in each pod.



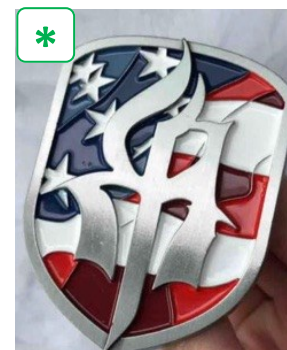
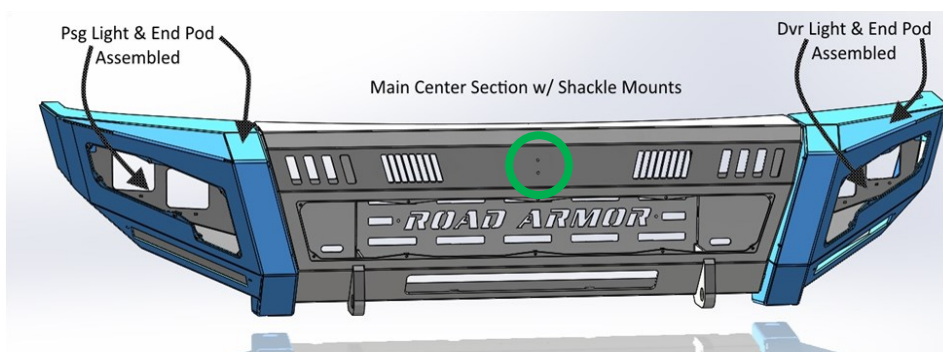
3

Align and install each kit pod end using Qty: 6 – 7/16" x 1 1/2" bolts, nuts, lock washers and washers.



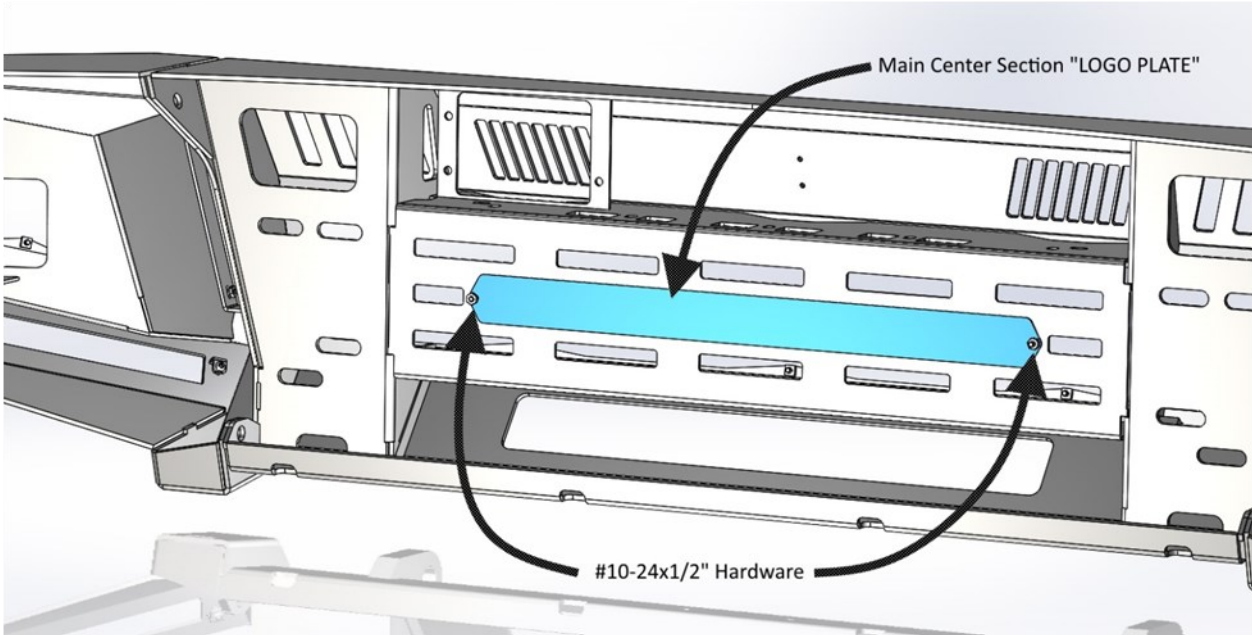
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***Install the RA Logo Plate Shield Now ***



4

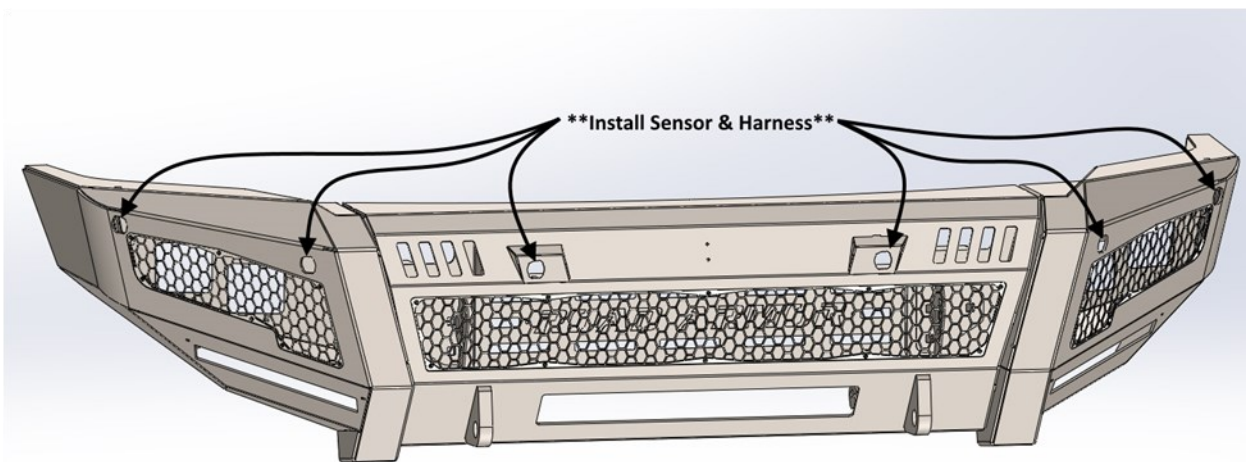
Install Kit Main Center Section "Logo Plate" using qty: 2 - #10-24x1/2" Bolts & Lock Nut.



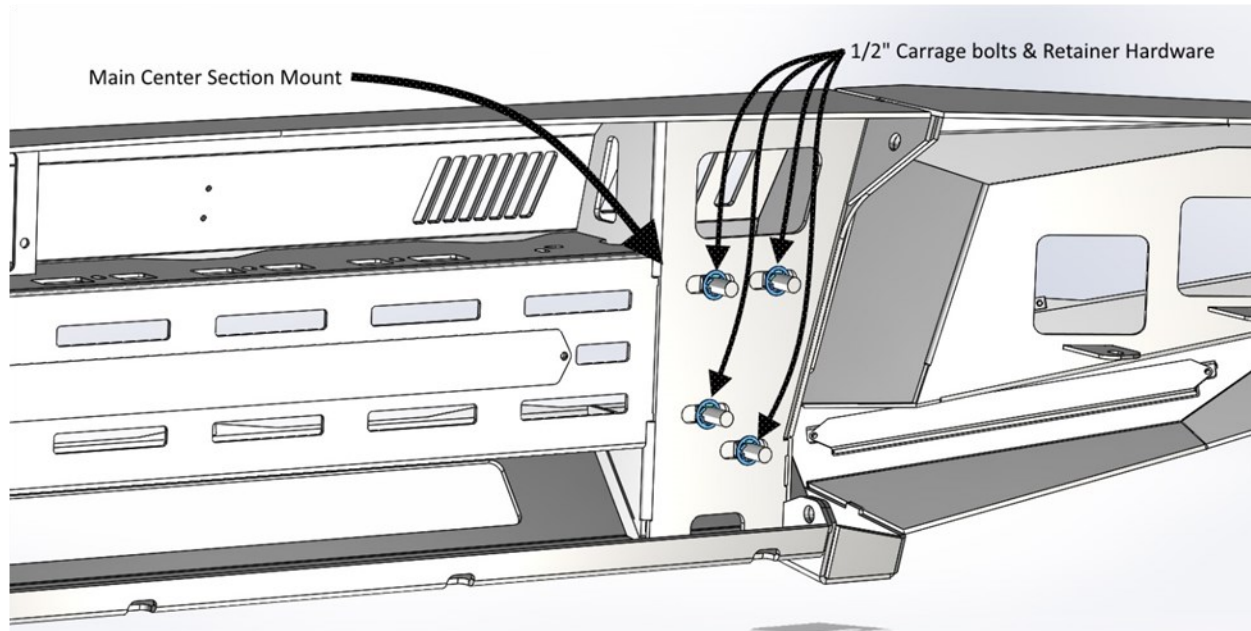
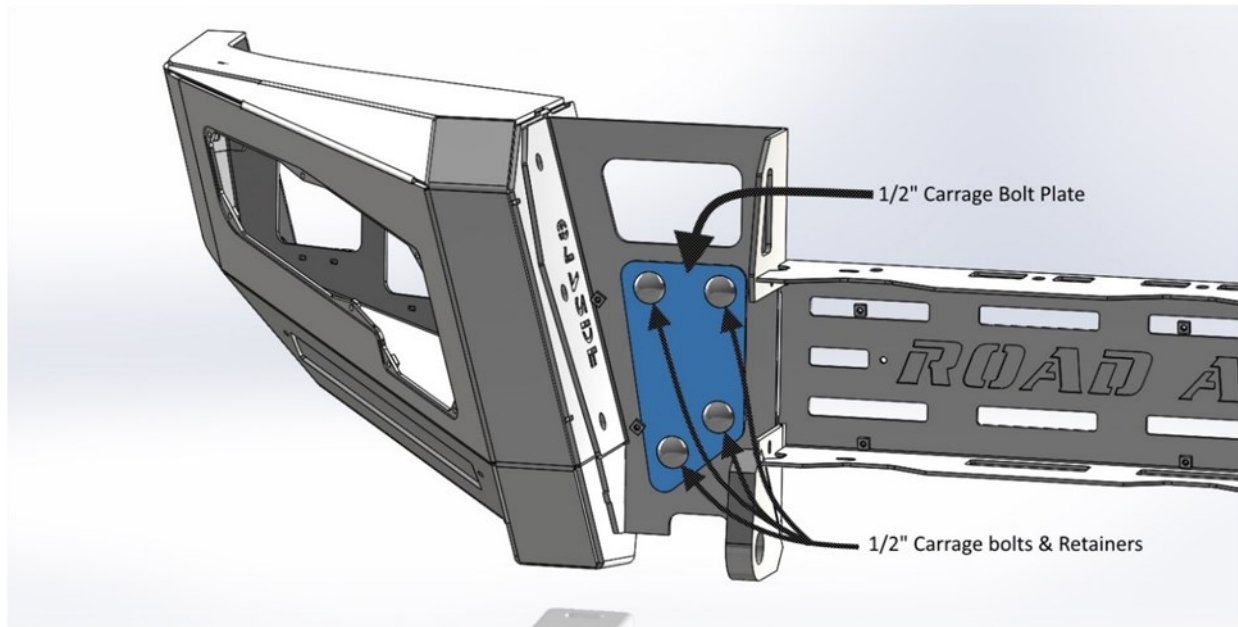
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****ADDITIONAL STEP FOR SENSOR INSTALL****

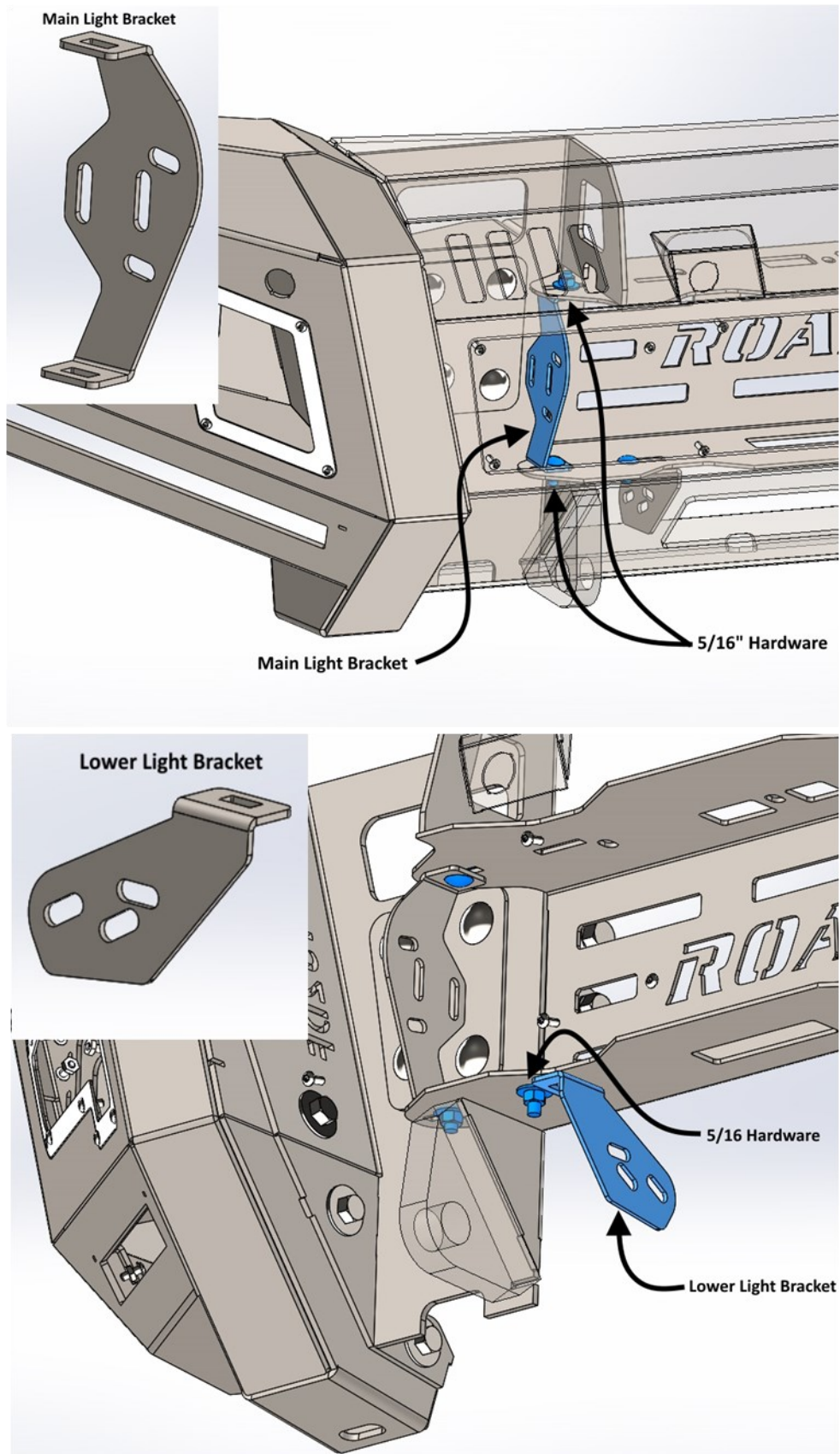
Note: (When equipped) Install OEM (Park Sensor Housing/Purchased Separately), by pushing housing into main center section and end pods in the same position they were from factory. Continue by installing factory parking sensors into each sensor housing; finished by routing the sensor harness through the bumper and secure harness to bumper:

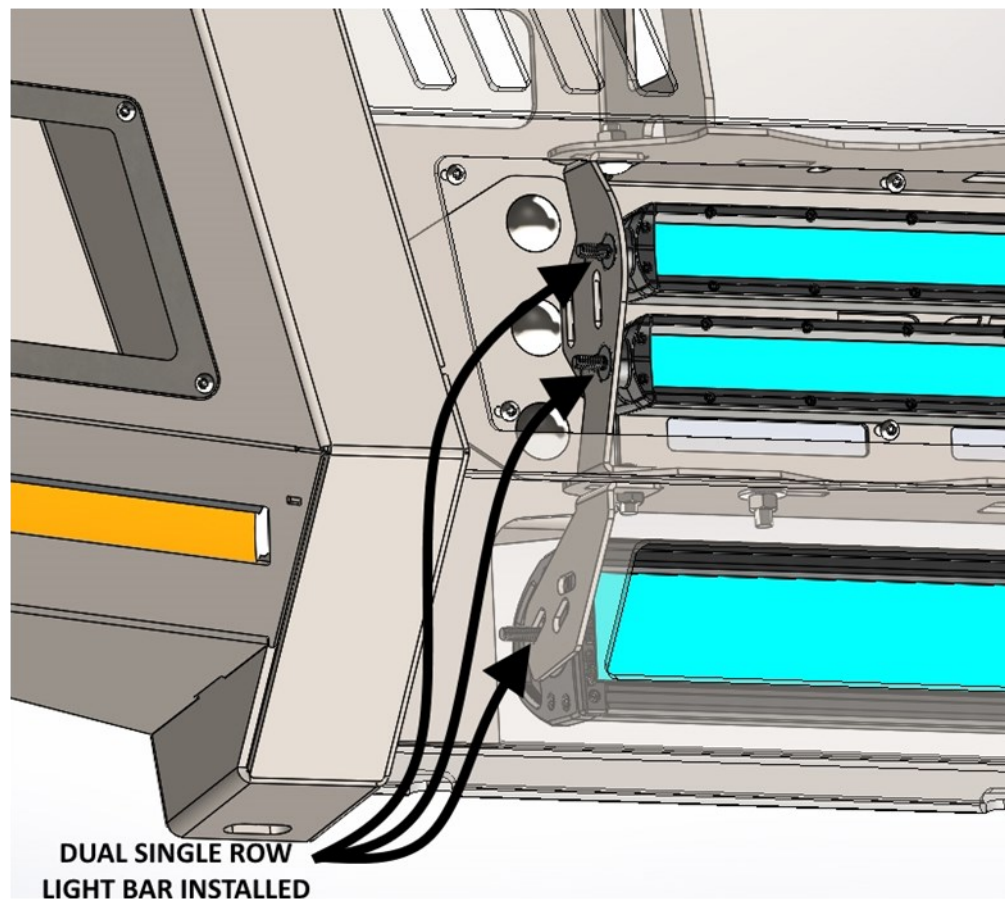
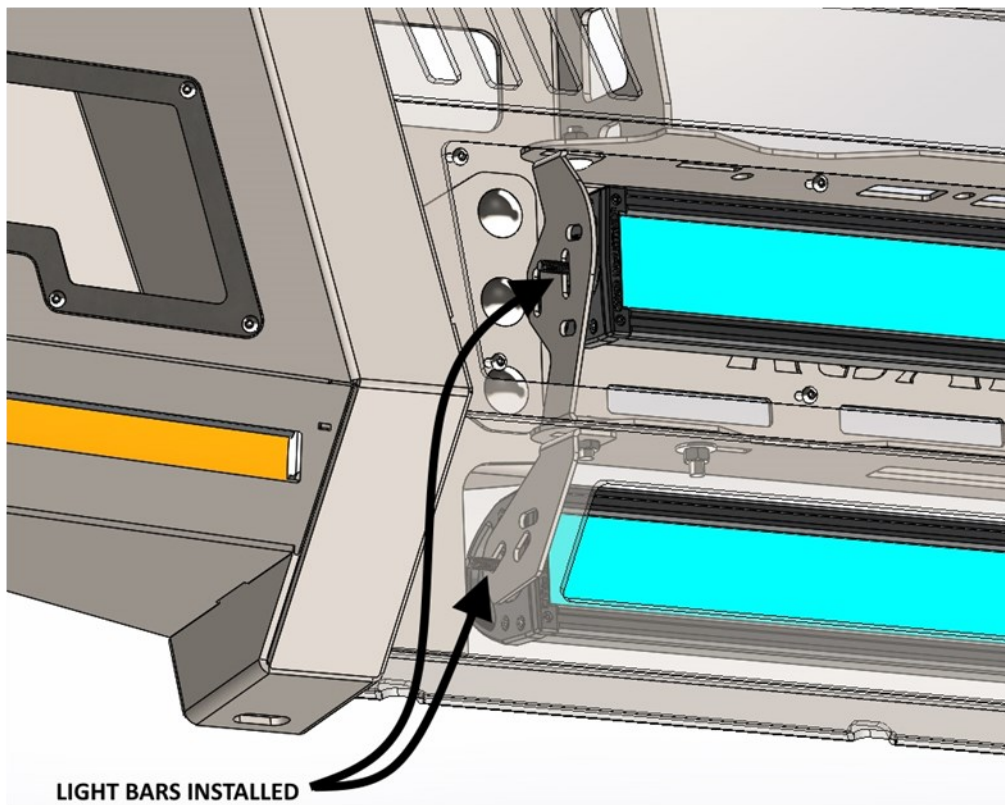


- 6** Install kit carriage bolt plate through front side of bumper using kit Qty: 4 – 1/2" Bolt & retainer washer on back side of bumper to secure each plate.

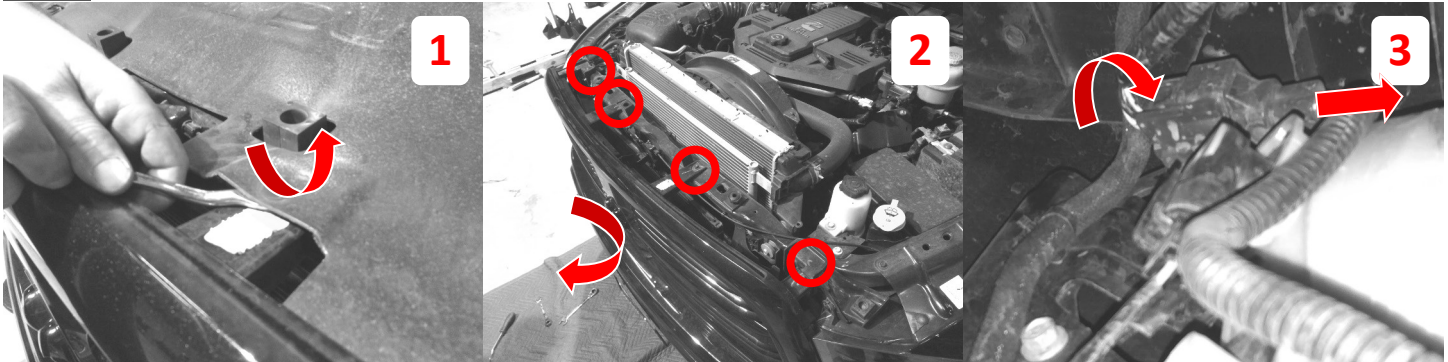


- 7** Install all lights and lighting brackets into kit main center section using kit brackets and 5/16 x 3/4" hardware provided as shown below (Check Lighting Configurations at End of Instructions). Install lighting into DVR & PSG Light Pods as well.

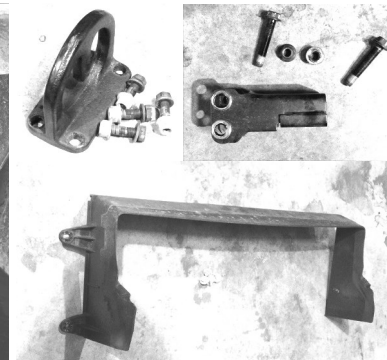
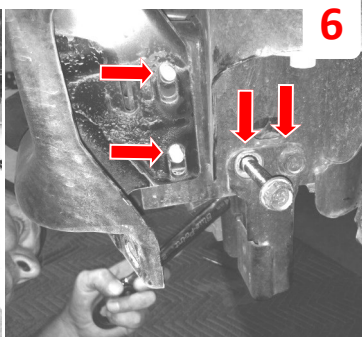
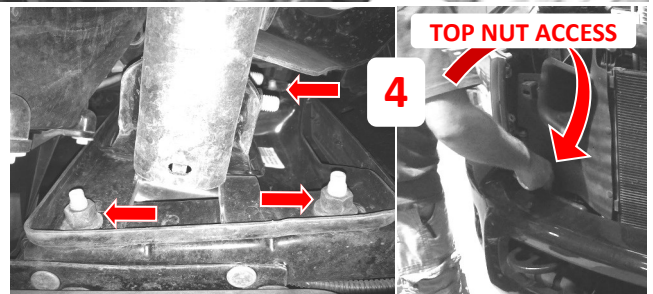




- 8 Remove (4) plastic ribbed retainer clips from "heavy duty" dust shield
- 9 Remove (4) grill support bolts and remove grill pulling away sides and bottom
- 10 Disconnect bumper harness plug, located near driver side fog light



- 11 Remove (4) nuts from behind bumper each side located top and bottom of tow hooks. The top inside nut is accessed from the grill opening
- 12 Remove air dam over intercooler (if equipped) and factory tow hooks (set aside)
- 13 Remove OE bumper bracket and under-run guard and set aside hardware.

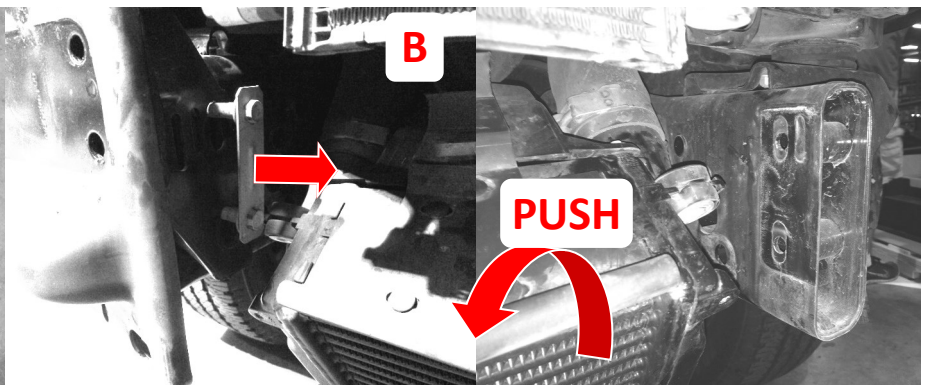
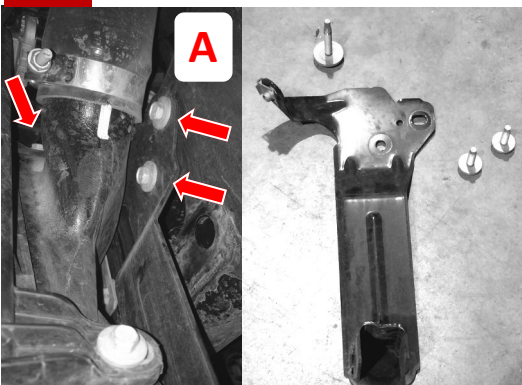


NOTICE

THE FOLLOW
APPLY ONLY
TO DIESEL
TRUCKS. SKIP
AHEAD NOW
IF YOU HAVE
A GASSER.

DIESEL MODELS ONLY BELOW

- A Remove intercooler brackets both sides (3 bolts each) top bolt access from above
- B Once removed push the intercooler down and away to remove double nut plates one side at a time. The driver side is more difficult and requires patience and persistence. Then re-install intercooler supports.

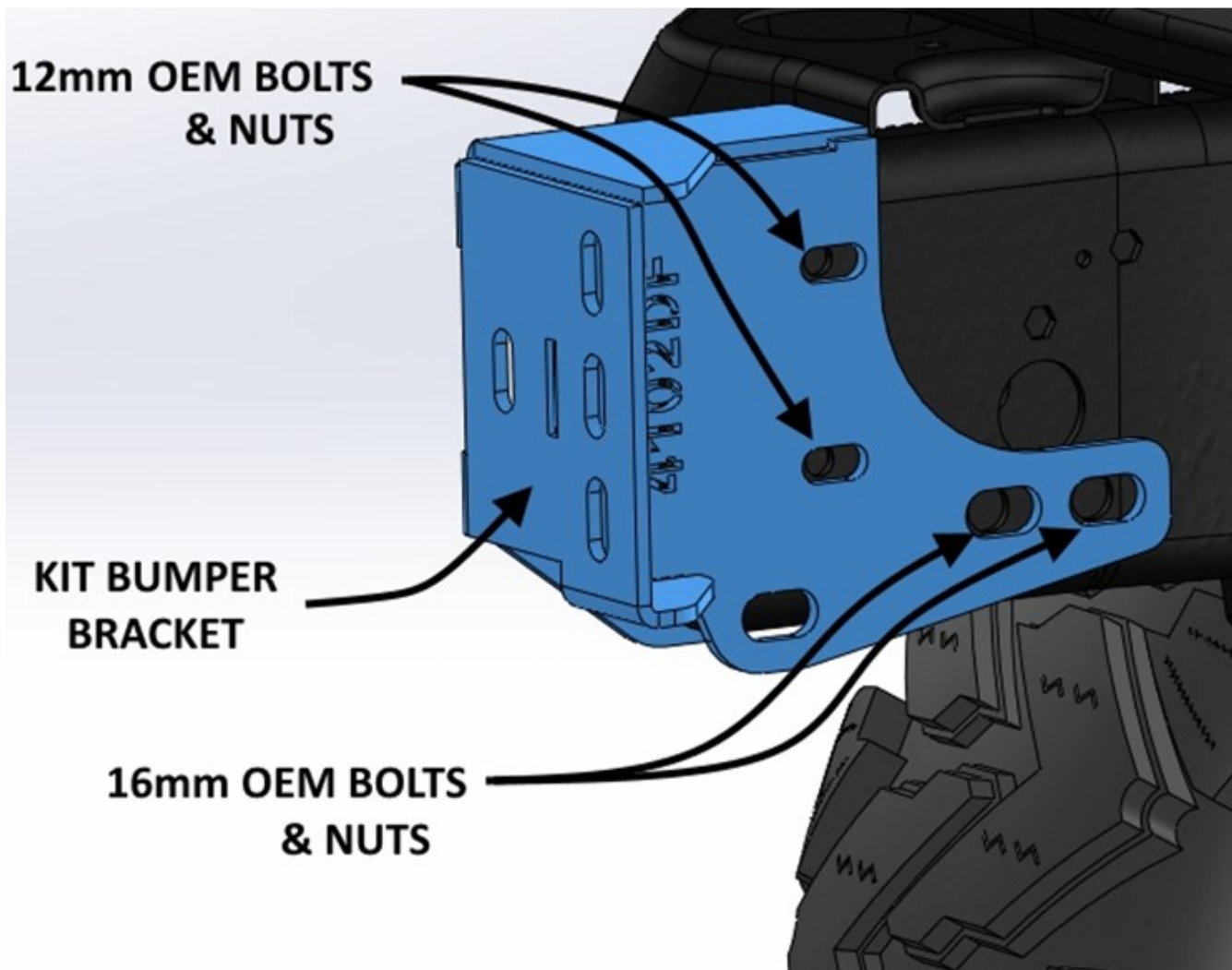


14 Reinstall intercooler air dam (if equipped)

15 DIESEL MODELS ONLY

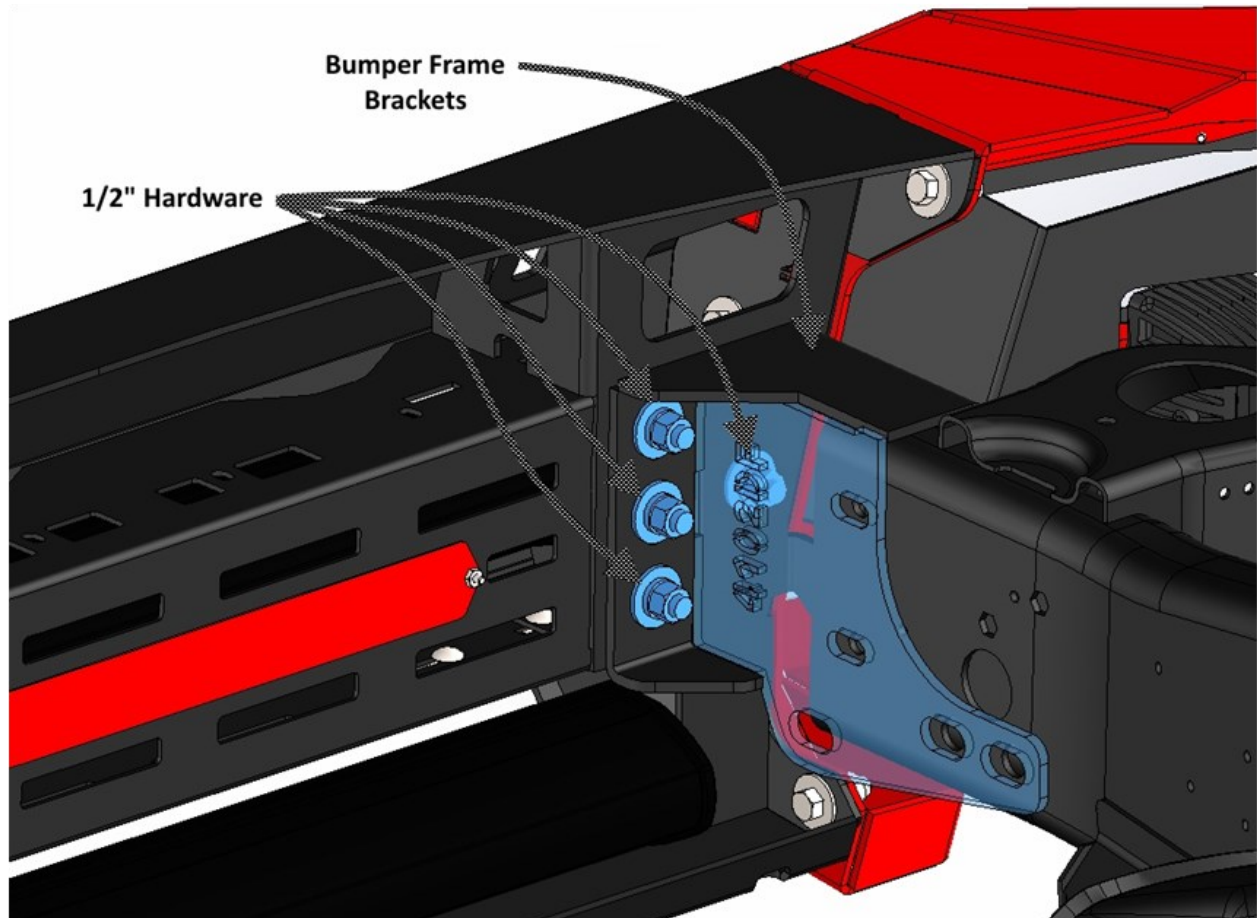
The stock intercooler interferes with bracket. This is alleviated by loosening the two bolts as shown to allow the Stealth bracket to slide between the intercooler bracket and frame. Don't forget to tighten this back down once finished.

16 Install kit frame brackets using Qty: 4 – FACTORY (OEM) 12mm and 16mm bolts through each frame bracket and frame. (Do NOT tighten bolts at this time.)



17

Install iD bumper onto front of kit bumper brackets using kit Qty: 4 – ½" carriage bolts & retainer washers (Already installed into bumper), washers and nuts to secure bumper each bracket. Align bumper and be sure to leave approximately 3/8" gap between headlamp and bumper. (Doing so will prevent damage to headlamp and bumper.) Once bumper is aligned; tighten all remaining bumper bracket and frame hardware.

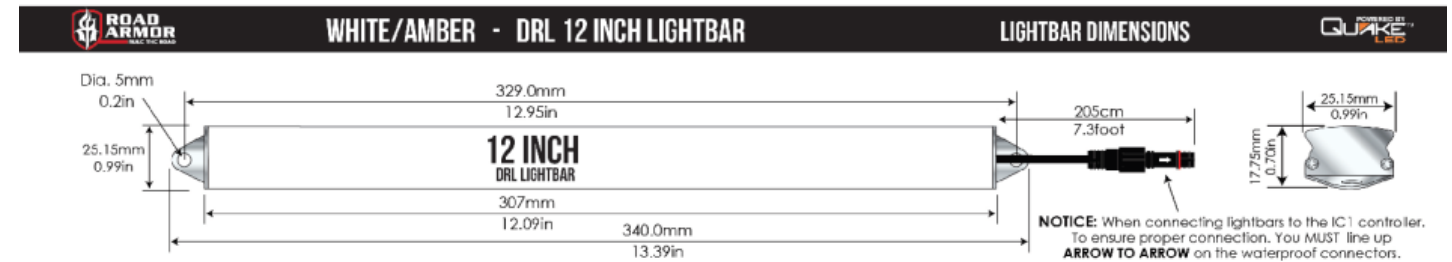
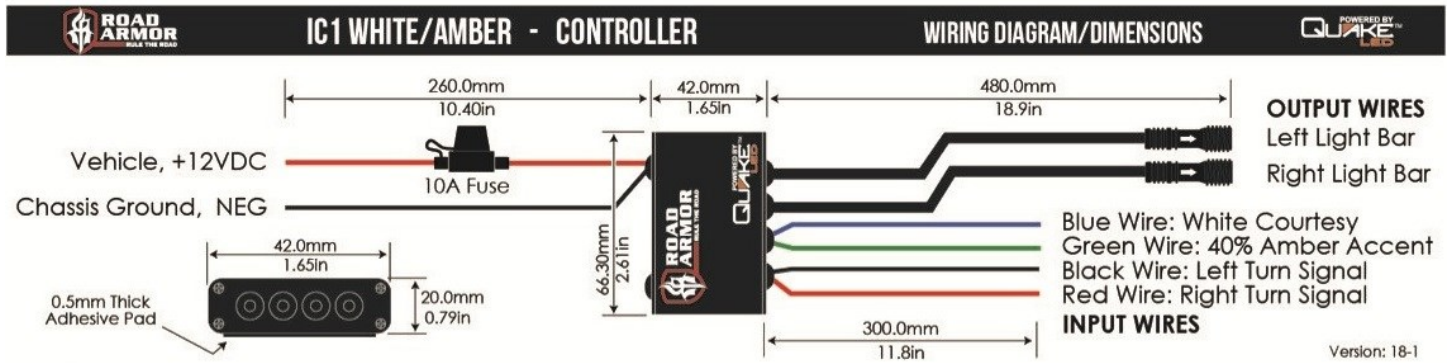


Center Configurations Shown Below:

(For all Identity Front Bumpers)







MESH KITS SHOWN BELOW:

