



CR3 Fog Light Mounting Kit
 Select Ford Ranger, Bronco
 and Subaru models
 AMNOEFRDSU1CR

Thank you for choosing VISION X

We know you would rather be riding your bike than wrenching on it, so we go the extra mile to make sure our instructions are clear and as easy to understand as possible. If you have any questions, comments, or suggestions don't hesitate to give our gear experts a call at (888) 489-9820 or visit WWW.VISIONXOFFROAD.COM

Please Read Before Installing

VISION X products should always be installed by a qualified technician. If you are unsure of your ability to properly install a product, please have the product installed by your local dealer. VISION X takes no responsibility for damages caused by improper installation. **Caution:** When installing electronics it is extremely important to pay close attention to how wires are routed to ensure the wires will not bind and have enough slack to operate properly.

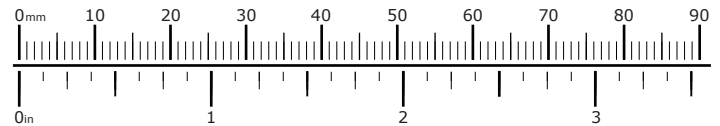
Installation Tips

We strongly recommend using medium strength liquid thread locker on all screws, nuts, and bolts. It is also important to ensure that all hardware is tightened to the proper torque specifications as listed in your owner's manual. For included accessory hardware please refer to the default torque specifications provided below. Inspect all hardware after the first 30 miles to ensure proper torque specifications are maintained.

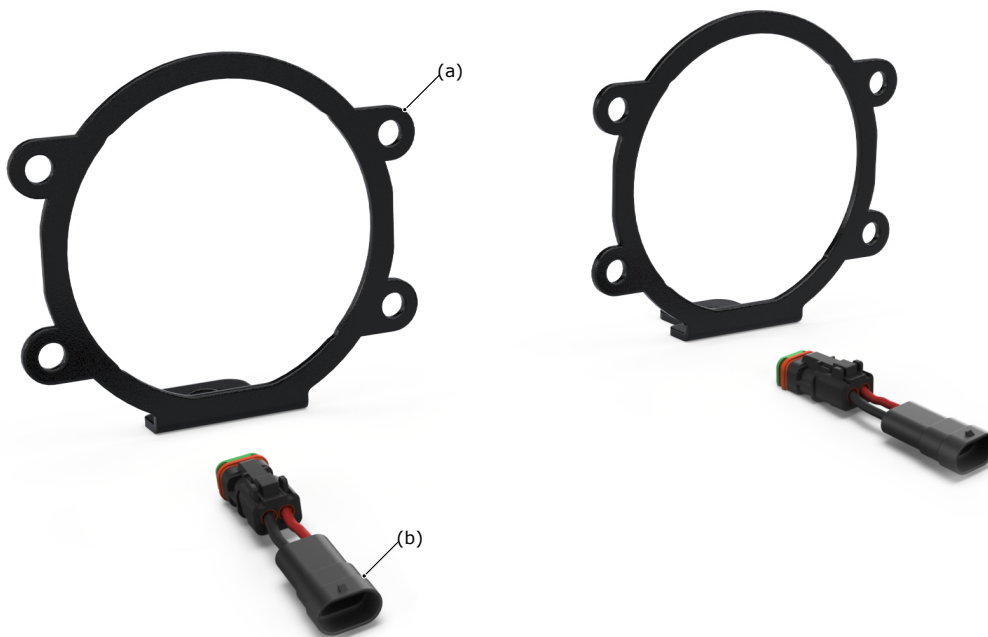
Bolt Size	in-lbs	ft-lbs	Nm
M3	10.0 in-lbs	-	1.0 Nm
M4	23.0 in-lbs	-	2.5 Nm
M5	44.5 in-lbs	3.5 ft-lbs	5.0 Nm
M6	78.0 in-lbs	6.5 ft-lbs	9.0 Nm
M8	-	13.5 ft-lbs	18.0 Nm
M10	-	30.0 ft-lbs	41.0 Nm
M12	-	52.0 ft-lbs	71.0 Nm

Hardware Sizing Guide

Not sure what size bolt you have? Use this ruler to measure screws, bolts, spacers, etc. Remember, the length of a screw or bolt is measured from the start of the "mounting surface" to the end of the screw, so only include the screw head when measuring countersunk screws.



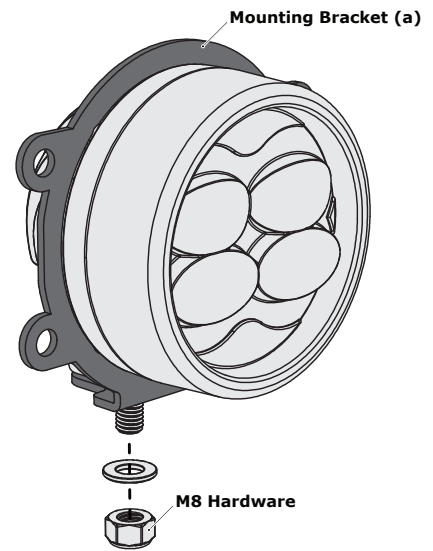
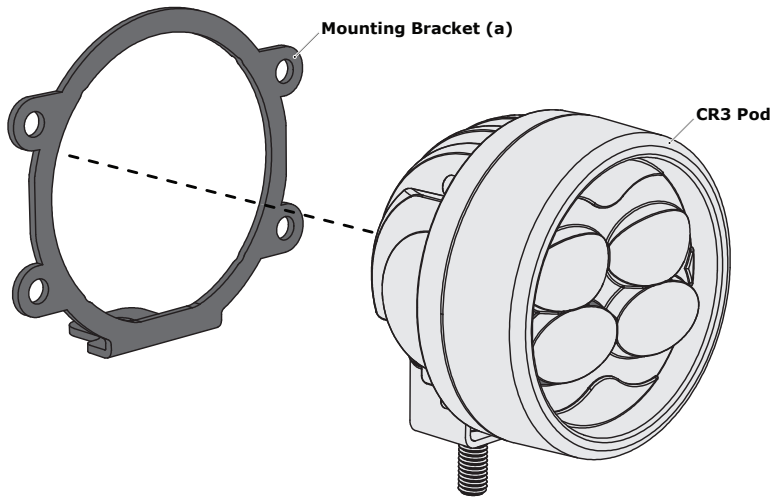
What's In The Box?



Kit Contents

- (a) Mounting Bracket.....Qty 2
- (b) H11 Wiring Adapter.....Qty 2

1. Installing the D3 Fog Lights



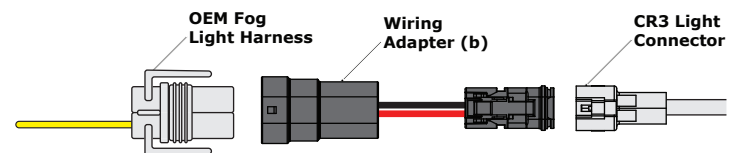
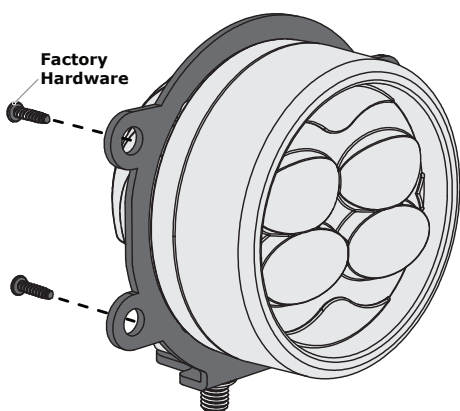
1.1 - Installing The Mounting Bracket

This CR3 Light Mounting Kit is designed to replace the OEM fog lights for select Ford, Subaru and Ram models. The CR3 lights will plug directly into the OEM harness and will be controlled from the original fog light switch.

Step One: Remove the M8 bolt and washer from the D3 pod, then slide the bracket (a) over the back of the CR3 pod.

1.2 - Installing The Mounting Bracket

Step Two: Align the M8 bolt with the slotted hole in the mounting bracket (a), then use the M8 hardware to tighten the CR3 pod to the bracket (a). Keep the bolt loose as final adjustments on the position may need to be made once the light is mounted in the bumper.



1.3 - Mounting The CR3 Fog Light

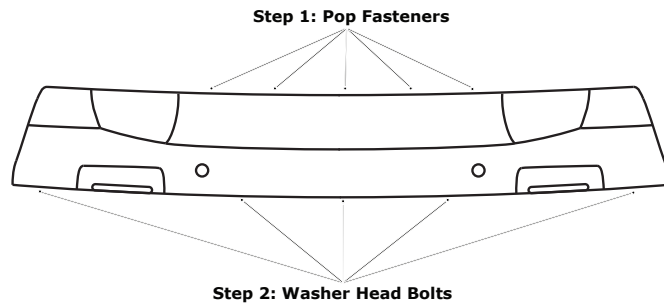
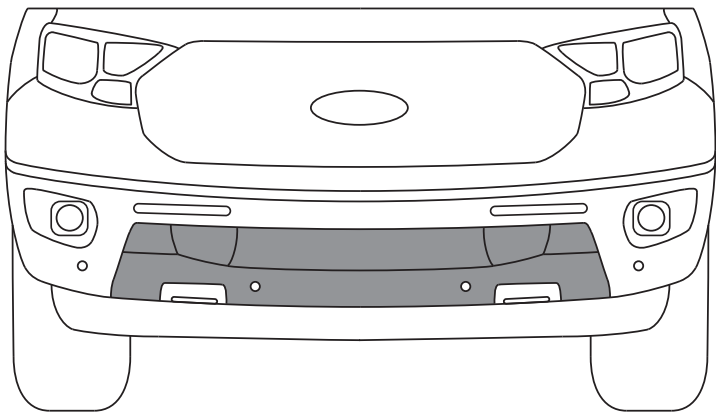
Step Four: Use the factory hardware to mount the CR3 light into the fog pocket the vehicle.

Step Five: Make final adjustments to the positioning of the light in its slot, then fully tighten the M8 hardware.

1.4 - Connecting The CR3 Fog Light

Step Four: Once installed, use the provided wiring adapter (b) to connect the D3 light to the OEM wiring harness.

2. Ford Ranger Installation

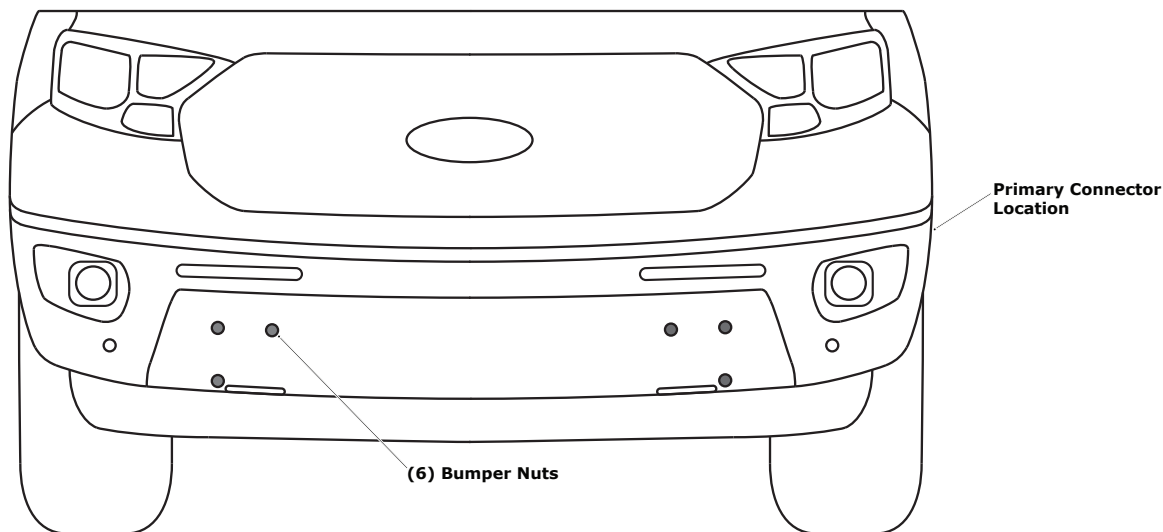


2.1 - Remove Bumper Fascia

Step One: Remove the (5) pop fasteners. Use a flat head screw driver or panel tool to partially eject the center pin, then remove the entire fastener.

Step Two: Remove the (5) washer head bolts with a 10 mm socket.

Step Three: Pull the fascia away from the vehicle to disengage the (9) tension fasteners



2.2 - Remove Bumper

Step One: Remove the (6) nuts that mount the bumper to the vehicle, with a 13/16" socket.

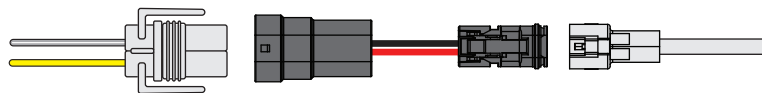
Step Two: Disconnect the (2) parking sensor connects (if applicable) and the (1) Primary Connector that supports the fog lights, parking sensors (if applicable), and cruise control radar module (if applicable).

Step Three: Install the fog lights by following the steps detailed in Section 1.

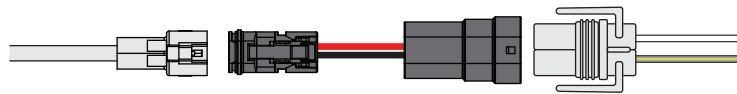
Step Four: Connect the fog lights using the included connector adapters. The connectors are not keyed to provide single orientation assembly. Connect them according to the wire descriptions.

- Driver Side:
 - Black to Gray w/ White Stripe
 - Red to Yellow
- Passenger Side:
 - Black to Gray w/ Yellow Stripe
 - Red to White

Step Five: Perform the bumper removal steps in reverse order to reassemble.



Passenger Side



Driver Side