



INSTALLATION INSTRUCTIONS


VxSPEC UPGRADE VEHICLE SPECIFIC LIGHTING


'19+ FORD RANGER FOG LIGHT KIT



Included in Ford Ranger Fog Light Kit

1	3.0" CG2 Mini Cannon
	
Light	Qty: 2

2	Harness
	
Harness	Qty: 1

3	Brackets
	
Mounting	Qty: 2

FORD RANGER FOG LIGHT KIT SPECIFICATIONS

1. Warranty : Extended
2. Amp Draw : 3.5A @ 12V DC (Kit)
3. Input Voltage : 9-32V DC
4. Beam Patterns : 10° Broad Spot
5. LED Lifespan : 50,000 Hours

MOUNTING INSTRUCTIONS

*Removing the wheel can make the installation easier, follow factory guidelines for wheel removal.

1. Remove plastic cover by removing 2 plastic push pins. (Figure 1.)

Figure 1.



FORD RANGER FOG LIGHT KIT

2. Move rubber trim between body and bumper (Figure 2) to expose the plastic push pin (Figure 3).



3. Remove plastic push pin on inner fender liner. Pull fender liner back out of the way. (Figure 4)



4. Remove outer splash guard bolt (10mm). (Figure 5)

Figure 5.



5. Remove lower outer splash guard bracket bolt (12mm). (Figure 6)

Figure 6.



6. Pull splash guard back to expose the metal bracket holding the splash guard. (Figure 7)

Figure 7.



FORD RANGER FOG LIGHT KIT

7. Remove upper splash guard bracket bolt (12mm) and carefully remove the splash guard and bracket. (Figure 8)

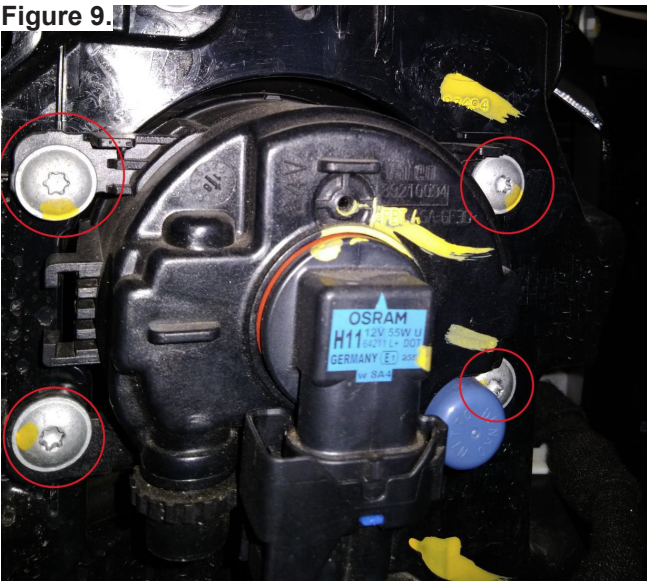
Figure 8.



8. Unplug wiring into factory fog light.

9. Remove the 4 Torx screws (T25) securing the factory fog light. (Figure 9).

Figure 9.



10. Trim off outer lower plastic tang on the fog light housing. (Figure 10)

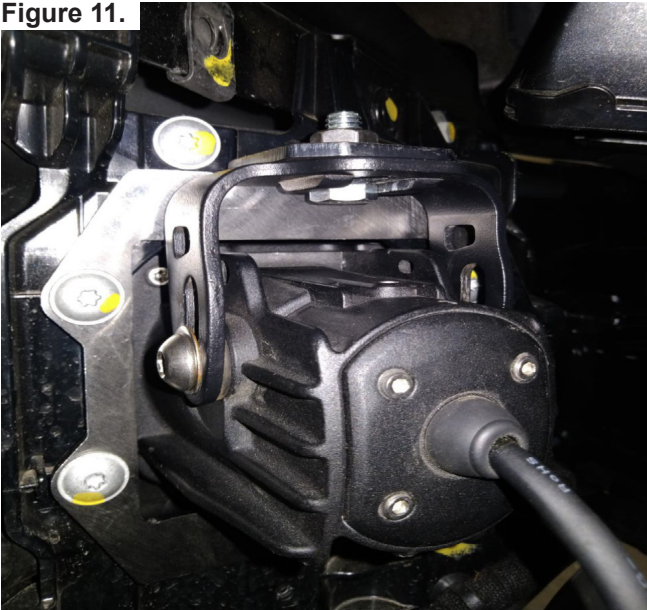
Figure 10.



11. Install new fog light bracket with the light tab facing up using original Torx hardware (T25).

12. Install light into bracket. Note: you may have to flip the bracket on the light so it sits flush with the fog light mounting bracket. Photo 11

Figure 11.

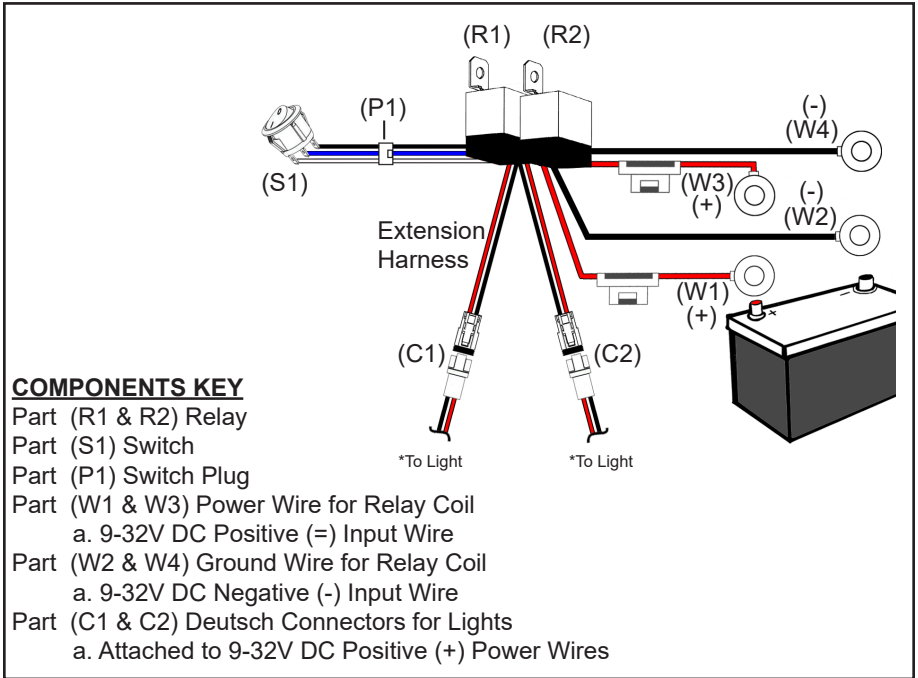


13. Wire up and aim the lights before the splash guard goes back on.

14. Install the splash guard and bracket, then the inner fender liner and plastic cover.

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WIRING DIAGRAM



WIRING INSTALLATION INSTRUCTION

1. Find a suitable place to mount Relays Part (R1 & R2) leaving enough room for Power & Ground wires Part (W1,W2,W3,W4) to reach the battery & the Deutsch connectors Part (C1 & C2) to reach the lights. Mount Relays.
2. Run Power wires (W1, W3) & Ground wires (W2, W4) to the battery. Connect the Power wires (W1, W3) to the Positive (+) battery terminal and connect the Ground wire (W2, W4) to the Negative (-) Battery Terminal.
3. Run the Deutsch Connector wiring, (C1 & C2) to each light and plug in. It doesn't matter which Deutsch Connector plugs into which light.
4. Disconnect the Switch Part (S1) at the white Plug Part (P1) and run the wire through the vehicles fire wall to desired mounting location inside the Cab, [using a factory rubber or plastic grommet is suggested].
5. Drill the hole to the required size for the Switch (S1) and mount to desired position.
6. Reconnect the Switch (S1) to the Harness.
7. Test Light.



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