

# Z1 FRONTIER/XTERRA/TITAN LED FOG LIGHTS WITH DRL WIRING GUIDE

**PROLOGUE:**

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

**WARNING!**

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the Z1 Motorsports Frontier/Xterra/Titan LED Fog Lights with DRL, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

## **PARTS INCLUDED:**

Item	Quantity	Description
1	2	Fog Light
2	2	Fog Light Module
3	1	Wiring Harness
4	1	Hardware Bag

## **SAFETY REQUIREMENTS:**

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain in safe space and well-ventilated areas.

## **BEFORE YOU BEGIN:**

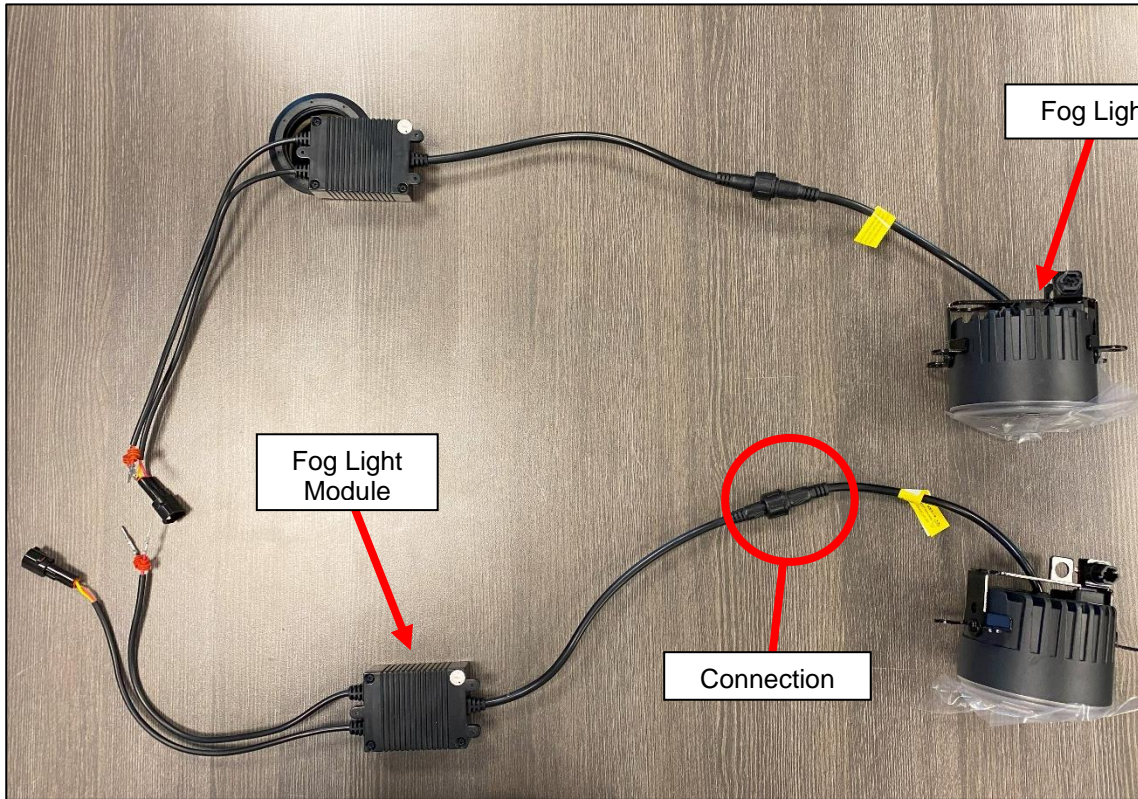
Remove contents from the Z1 Motorsports Frontier/Xterra/Titan LED Fog Lights with DRL and verify that ALL necessary hardware is present.

This Kit is meant for those that already have Fog Lights installed on their vehicle.

Disregard the Wiring Diagram on the back of the Fog Light Module as it is not correct.

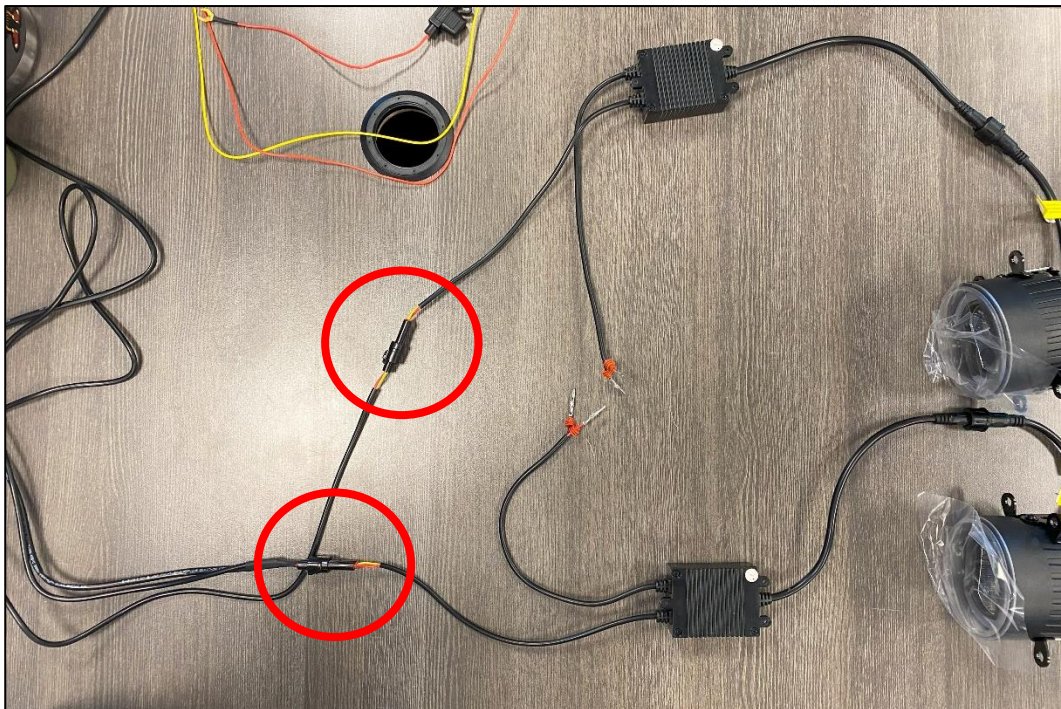
## **PROCEDURE:**

1. Locate the (2) two Fog Lights and (2) two Fog Light Modules. Connect the (1) one Module to each Fog Light. *Figure 1.*



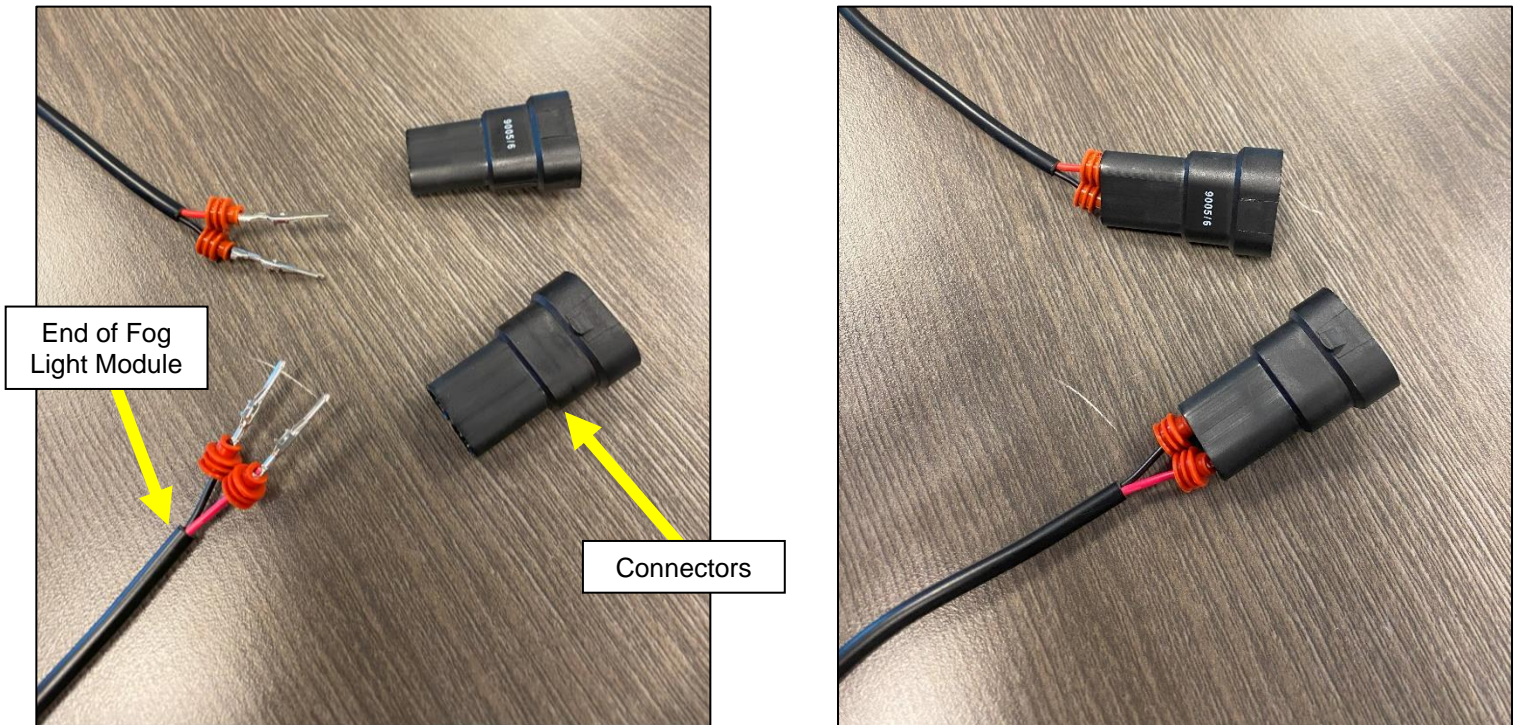
*Figure 1*

2. Connect the Wiring Harness to the (2) two Connectors on the Fog Light Modules. *Figure 2.*



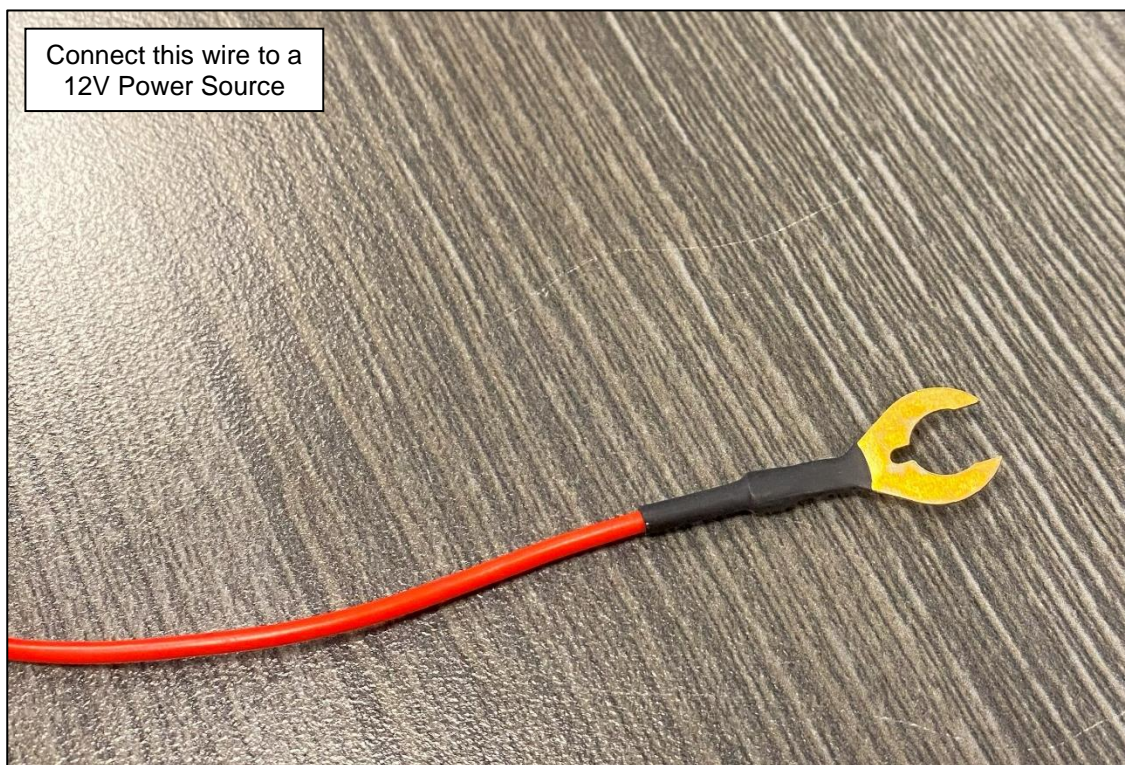
*Figure 2*

3. In the Hardware Bag are multiple connectors. Find the (2) two connectors that match your OE Fog Light Harness and add them to the ends of the Fog Light Module as shown below. Make sure that the **(+) Positive** (Red Wire) and the **(-) Negative** (Black Wire) will line up with the OE Wiring Harness when connected. *Figure 3.*



*Figure 3*

4. Connect the Red Wire from the Wiring Harness to a 12V Source. *Figure 4.*



*Figure 4*

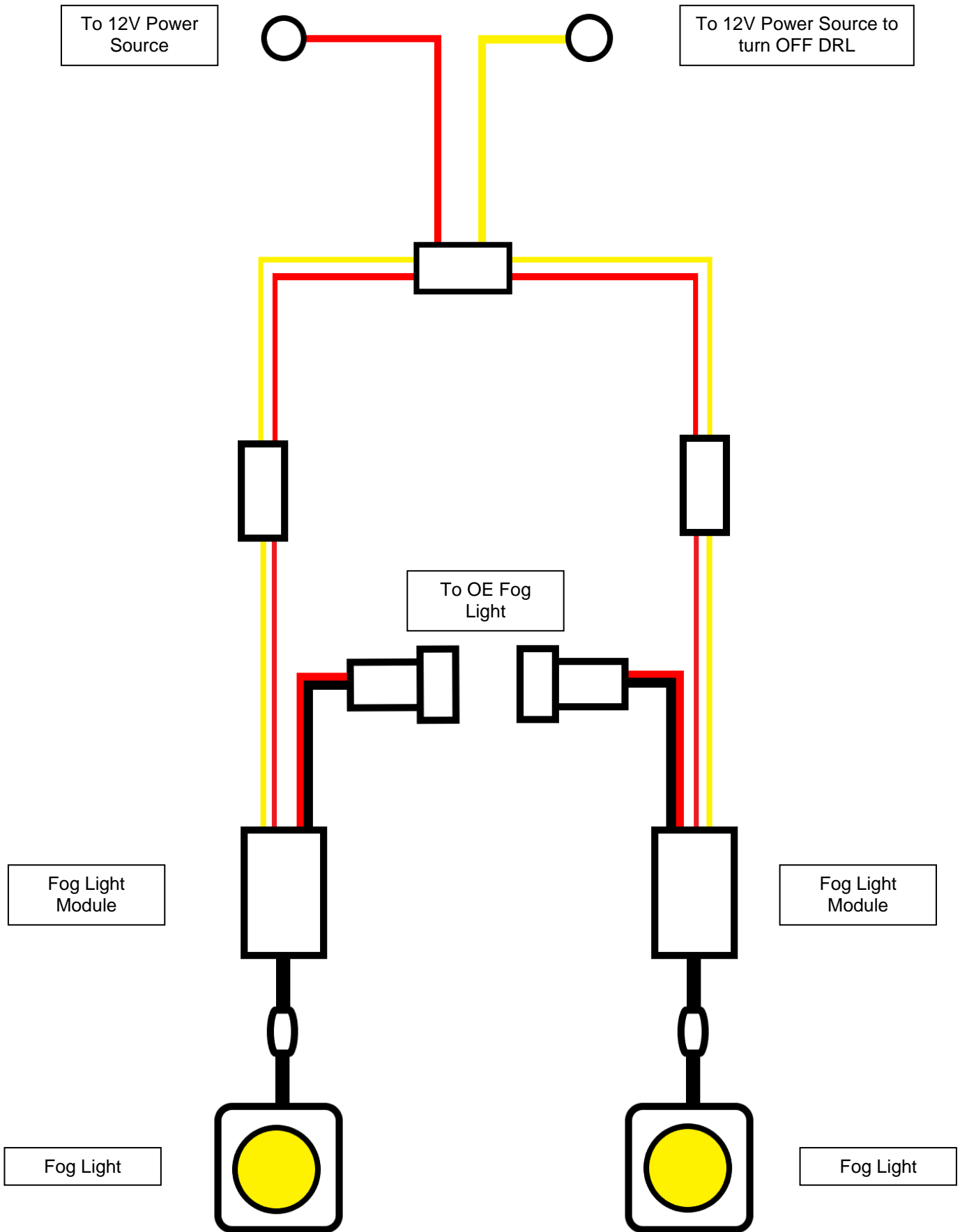
5. The Yellow Wire can be connected to a 12V Source to turn off the Daytime Running Lights (DRL). For example, if you want the DRLs to turn off when the headlights are turned on, you will tap the Yellow Wire into the Power Wire for the Headlights. There are Wire Taps included in the Hardware Bag. *Figure 5.*



*Figure 5*

6. Once installed in a vehicle, secure the Wires with the included zip ties.

**NOTE:** The Wiring Diagram is on the next page for reference.



**END**

**Additional Technical Support:**

Contact Z1 Motorsports at [info@z1motorsports.com](mailto:info@z1motorsports.com)

Or call 770-838-7777 between 9am and 6pm ET