

TAILGATE LIGHT BAR W/ AMBER TURN SIGNALS

(UNIVERSAL TRUCK)

INSTALLATION INSTRUCTIONS

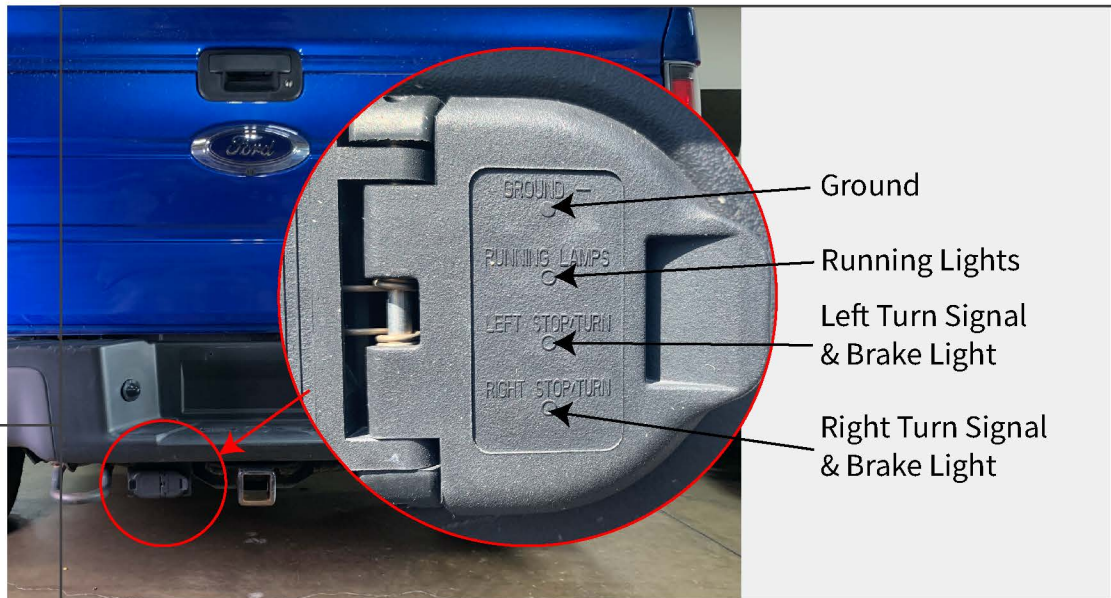
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- (1) Light Bar
- (3) Scotch Lock Connector

TOOLS REQUIRED

- Metric Socket Set w/ Ratchet
- Phillips Head Screw Driver
- Flat Head Screw Driver
- Multi-meter/Test Light
- Pliers
- Automotive Grade Soap & Water
- Microfiber Towel
- Isopropyl Alcohol

STEP 1



Begin the installation by locating the factory 4-Pin trailer plug. Using a test light or multi-meter, test the trailer plug for all functionality (turn signals, running lights, and brake lights). If the plug isn't getting power, reference your owners manual to locate and test the trailer plug fuse.

STEP 2



Next, locate a suitable mounting position for the light bar. Typical installation is between the tailgate and the bumper. **Preparation for installation;** thoroughly wash and dry the mounting location using an automotive grade soap and water. Ensure that you give the surface enough time to dry prior to installing the light bar. It is recommend that you wipe the mounting locations with isopropyl alcohol to ensure a wax and grease free mounting surface. ****Do not use silicone based cleaners.**

STEP 3



Test fit the tailgate light bar prior to removing the tape back. The wiring has to exit the tailgate light bar on the driver side of the vehicle. Once you are comfortable with how the tailgate light bar fits, remove the tape backing and install the tailgate light bar.

STEP 4



Wiring: Route the 4 pin plug so that the extra wiring is out of the way, and plug it into the factory plug. Then, run the black, brown, and white wire towards the vehicle tail light.

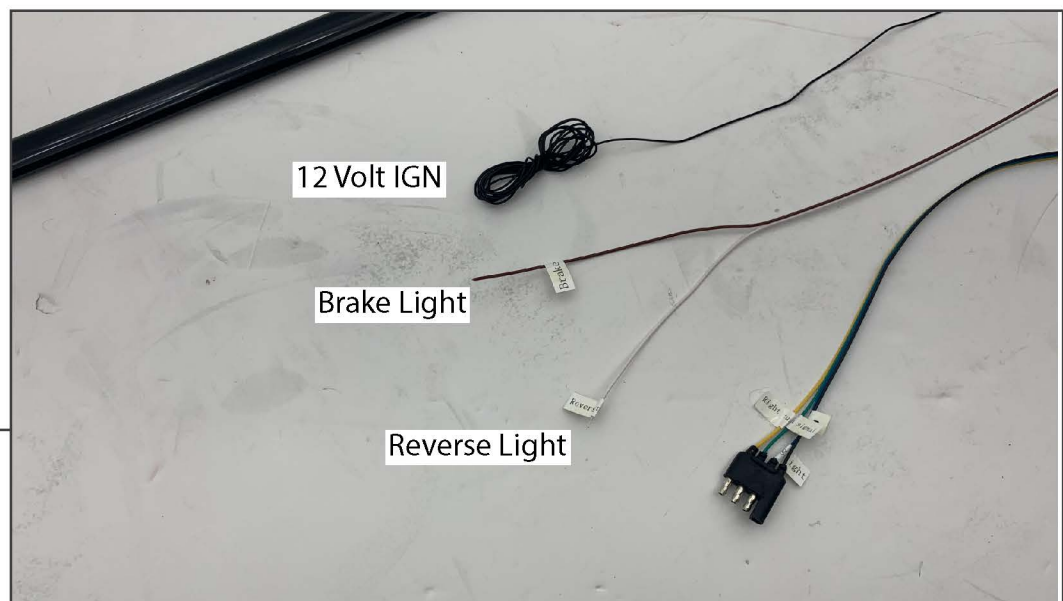
STEP 5



Additional wiring will require access to the factory tail light wiring. Begin by removing the fasteners that hold the tail light to the vehicle.

****Note:** Factory Wiring colors and locations will vary between manufacturers. The following is a general guide. Please confirm all wiring using a test light or multi-meter.

STEP 6

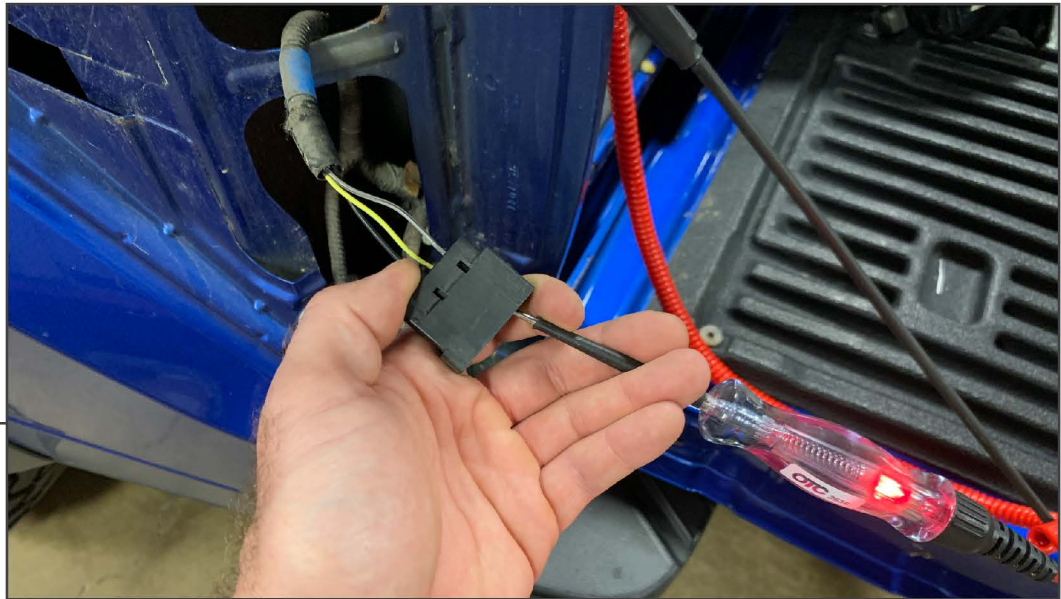


Additional Wiring is Required:

Brown (Brake)
White (Reverse)
Black (+ Transformer)

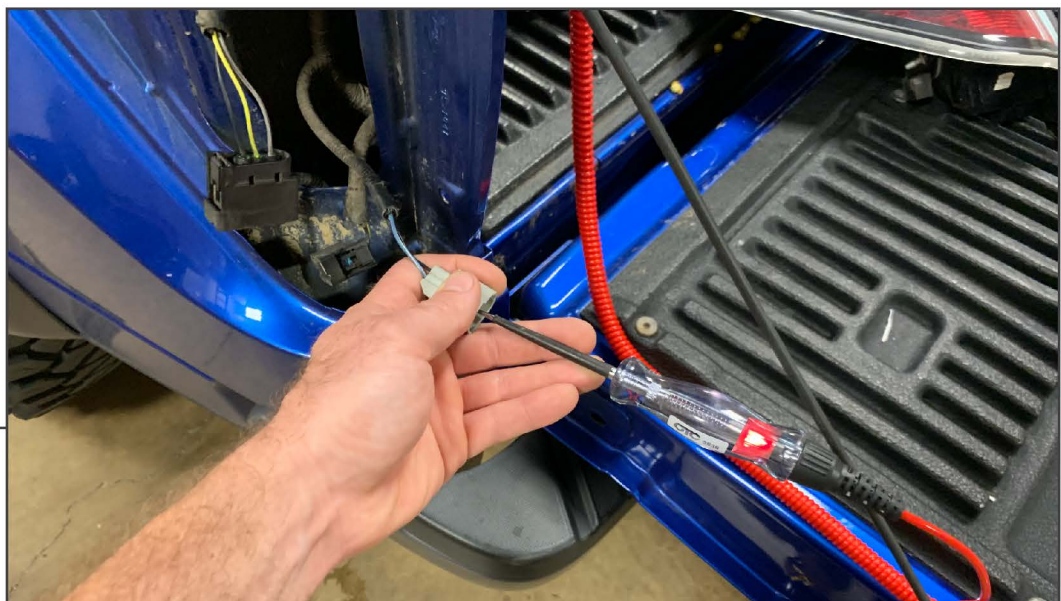
- Factory 12volt Brake Light
- Factory 12volt Reverse Light
- Factory 12volt Ignition wire

STEP 7



Remove the tail light to access the factory wiring. With the key on and ENGINE OFF, apply the emergency brake and have a helper step on the brakes. Using a test light or multimeter, locate the 12volt power supply for the factory brake light. Confirm the wire only has power when the brakes are applied. Using the supplied scotch lock connector, connect the Brown wire from the tailgate light to the factory brake light wiring.

STEP 8



Next, with the key on and ENGINE OFF, apply the emergency brake and place the gear selector in reverse. Using a test light or multimeter, locate the 12volt power supply for the factory reverse light. Using the supplied scotch lock connector, connect the White wire from the tailgate light to the factory reverse light wiring.

STEP 9

**This connection is required and the tailgate light bar will not function correctly without it. Route the Black wire from the tailgate light towards the front of the vehicle. The Black wire will be wired into a 12volt Ignition source of your choice. Some recommendations include: 12volt power supply (cigarette lighter), aux power supply, accessory power supply, etc. Splice into any of these 12volt ignition sources using the supplier scotch lock connector. Installation is now complete.

