

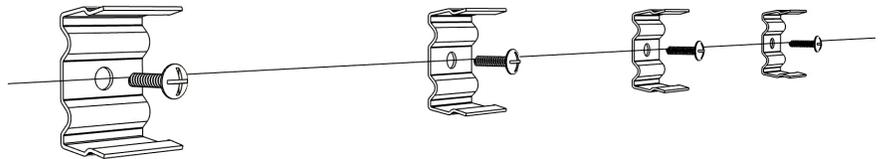
## Mounting Instructions

### Permanent Mounting:

1. **Test light bar:** Before mounting, plug light bar into 4 pin trailer plug. With the vehicle off, turn on hazards and check operation.
2. **Prep mounting surface:** Using isopropyl alcohol, thoroughly clean the mounting surface. Any dirt or debris left on the paint will prevent the light bar from adhering properly. Let dry.
3. **Position light bar:** Remove red tape backing and loosely position the light bar onto the vehicle. Do not press firmly! Step back to ensure that light bar is centered and straight. Once in position, firmly and thoroughly press onto the vehicle. *Please note that the wiring must exit towards the left side of the vehicle.*

### Removable Mounting:

4. **Test light bar:** Before mounting, plug light bar into 4 pin trailer plug. With the vehicle off, turn on hazards and check operation.
5. **Prep mounting surface:** Using isopropyl alcohol, thoroughly clean the mounting surface.
6. **Mark bracket location:** Snap the brackets onto the rear side of the light bar in the desired positions. Utilizing all included brackets will yield the strongest hold, but may not be necessary in every application. With the brackets snapped onto the light bar, position the bar into place. Using a dry erase marker (for easy clean up!), mark the location for each bracket to ensure that the light bar snaps in straight and centered.
7. **Install brackets:** Remove the brackets from the light bar. Using the supplied screws, mount the brackets to the vehicle. Screw holes on brackets should be aligned horizontally.
8. **Install light bar:** Snap the light bar into the brackets. *Please note that the wiring must exit towards the left side of the vehicle.*



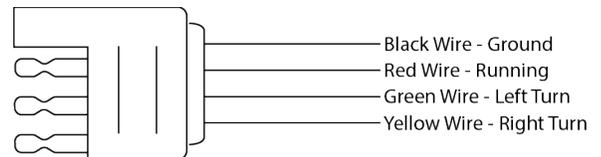
## Wiring Options

### For Trucks without Trailer Detection:

1. Plug the 4 pin plug on the truck tailgate light bar into the 4 pin trailer plug on the truck.
2. Wire in reverse light. Using the supplied red scotchlok, tap the additional black wire into the center wire on the 7 pin plug or into the factory reverse light positive wire behind one of the tail lights. See service manual for vehicle's reverse + wire color.
3. Power on vehicle and test functionality.

### For Trucks with Trailer Detection:

1. Remove the tail lights from the vehicle to gain access to the wiring.
2. Cut off the 4 pin plug from the truck tailgate light.
3. Using the supplied scotchloks, tap the black, red, and green wire into its corresponding wire behind the **left** side tail light. See diagram to the right for plug pinout.
4. The yellow wire will be tapped into the turn signal positive wire on the **right** side of the vehicle. The included extension wire is to reach the right side of the vehicle. Use one of the scotchloks to extend the yellow wire and another scotchlok to tap into the right side turn signal positive wire.
5. Wire in reverse light. Using the supplied red scotchlok, tap the additional black wire into the center wire on the 7 pin plug or into the factory reverse light positive wire behind one of the tail lights. See service manual for vehicle's reverse + wire color.
6. Secure any loose wiring and reinstall the tail lights.
7. Power on vehicle and test functionality.



## Wiring Diagrams

### 15+ F150 & 17+ SUPERDUTY WITH LED

Function	Vehicle Wire Color	Light Bar Wire Color
Running	Blue/Gray	Red
Left Turn	Green/Blue	Green
Right Turn	Blue/Orange	Yellow
Reverse	Green/Brown	Black (loose wire)
Ground	White (from 7 pin)	Black (from 4 pin)

### 15+ F150 & 17+ SUPERDUTY WITH HALOGEN

Function	Vehicle Wire Color	Light Bar Wire Color
Running	Blue/Gray	Red
Left Turn	Gray/Orange	Green
Right Turn	Green/Orange	Yellow
Reverse	Green/Brown	Black (loose wire)
Ground	White (from 7 pin)	Black (from 4 pin)

Input Voltage	Max Power Draw Red	Max Power Draw White
12-15V DC	18W	12W

