



## INSTALLATION INSTRUCTIONS

# ADAPT E-SERIES



THESE INSTRUCTIONS ARE FOR THE FOLLOWING LIGHTS:  
ADAPT E-SERIES

### **IMPORTANT**

THANK YOU FOR PURCHASING RIGID INDUSTRIES' PRODUCTS FOR YOUR VEHICLE.  
Please read through all of these Instructions and tips before proceeding with the installation.  
We do our best to provide a simple installation process for all applications however  
a professional installation is always recommended.

**Always disconnect any power sources connected to your vehicle  
before servicing fuses or electrical systems.**

# FUNCTIONALITY

Congrats on your purchase of the world's first autonomous off-road light bar from RIGID!

The Adapt E-series wiring harness has been engineered to operate with a 3-way switch. There are 4 modes: On, Off, Adapt, & Default.

**On Mode** (red wire lead) will activate the entire light bar. The total available power from the vehicle will be distributed equally to all optic zones.

**Adapt Mode** (white wire lead) will activate the GPS mode for automatic functionality of the light bar based on the vehicle's speed. Once powered on in Adapt Mode, the light bar requires 30-90 seconds to receive full satellite signal to the internal GPS unit. During the time of signal acquisition, the light will be in Default Mode.

**Default Mode** (white wire lead) Default Mode is automatically activated when the light is initially turned on in Adapt Mode or if the GPS unit loses satellite signal. The total available power from the vehicle will be distributed equally to all optic zones.

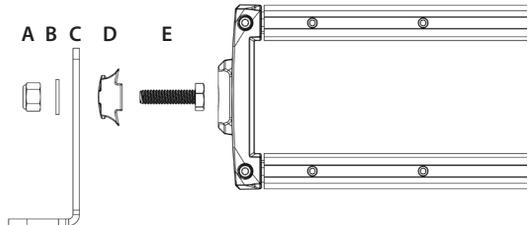
**Adapt Mode & Default Mode:** When the light acquires satellite signal it will automatically change power level distribution to the optic zones based on the speed the vehicle is traveling. If power or satellite signal is lost, the internal GPS unit will re-start the satellite acquisition process requiring 30-90 seconds to receive signal once power and/or satellite signal is restored.

# MOUNTING INSTRUCTIONS

## STEP 1

Insert mounting brackets onto the light as shown. Secure hardware to a snug position and mount light in desired location.

- A - 1/4" Nylon Lockuts (2)
- B - 1/4" Flat Washer (2)
- C - Mounting Bracket (2)
- D - Compression Spacer (2)
- E - 1/4-20 x 1" Bolt (2)

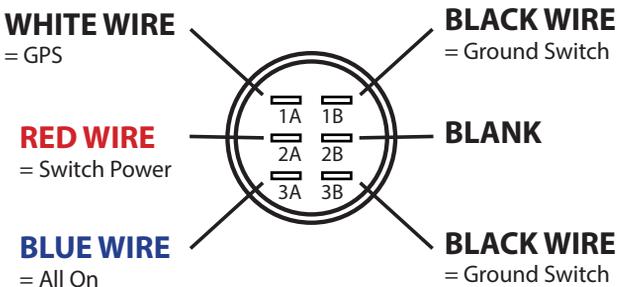


# WIRING INSTRUCTIONS

## 3-Position Switch

### NOTE:

Black wires are interchangeable between switch position 1B and 3B



# WIRING INSTRUCTIONS

## Wiring Harness



### IMPORTANT

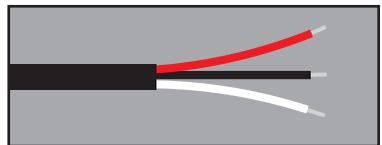
**Always disconnect the vehicle battery terminals before servicing the electrical system**

1. Locate suitable high and dry location to mount the relay close to vehicle battery in the engine compartment.
2. When routing wire harness through vehicle firewall or any sheet metal panel ensure there are no sharp edges that could damage the harness. Protect the harness from damage by using a grommet or loom if needed.
3. Route light bar, switch and battery harness throughout the vehicle to their desired locations.
4. Drill 3/4" mounting hole in desired location inside vehicle. Route the switch wire leads to desired dash location and mount the switch.
5. Match the light wire leads to the harness colors: red to red (always on +12V trigger), white to white (GPS +12V trigger), and black to black (shared ground). Connect using the provided heat shrink butt connectors to attach the harness to the light bar wire leads.

### IMPORTANT

Once heat shrink butt connectors are crimped be sure to use a heat gun to seal the connector.  
(Note: Never connect both RED and WHITE wires together)

6. Connect positive and negative battery eyelets to vehicle battery. (RED wire is positive, BLACK wire is negative)
7. Test functionality and adjust/aim the light bar.
8. Torque mounting hardware to 50 in-lbs. (6 ft-lbs)



Red Wire (+12V DC) = Forward Projecting Trigger  
Black Wire = Shared Ground  
White Wire (+12V DC) = GPS Trigger



**Your installation is now complete.  
Welcome to the Rigid Nation!**

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## **WARRANTY INFORMATION**

For warranty information, visit [www.rigidindustries.com/about/warranty](http://www.rigidindustries.com/about/warranty)

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[www.rigidindustries.com](http://www.rigidindustries.com)

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