

# ECE ADDENDUM for PHAZER ESSENTIAL SERIES

**Please Note:** This lightbar was specially designed to adhere to ECE specifications and the wiring differs slightly from our standard Phazers. Please disregard the wiring instructions found on page 3 of the manual and review the information below for correct wiring of this lightbar.

## Wire Functions

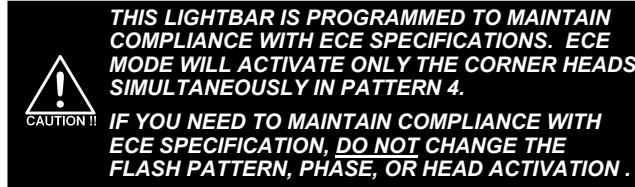
**Black:** (GROUND) - The black wire is the ground wire and MUST be connected on EVERY lightbar to the negative terminal of the battery.

**Bare Wire:** (Drain/Shield/GROUND) - This wire will help eliminate RFI. We recommend that it be connected to ground.

**Red:** (Power/+12VDC) - Provides the main power to the controller. Connect the red wire directly to continuous +12VDC through a high-current fuse.

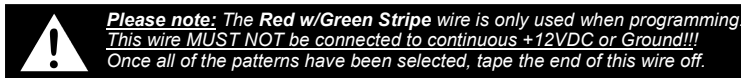
**Please Note:** When the red wire is connected to +12VDC the lightbar will draw a small current (< 0.001A). If your vehicle will be sitting for extended periods of time (i.e. more than a few days), it is recommended the red wire be routed through a switch or ignition switched relay.

Green w/Red:



(Pattern Select) - Touch and Release to +12VDC to cycle through flash patterns (see next page).

(Phase or Head Activation Select) - Available through **Advanced Programming Only** - Touch and Release to **Ground** to cycle through Phase options or Head Activation Options. (Review the Advanced Programming manual for details)



All power wires listed below should be connected to +12VDC through a switch and fused with a 5 amp fuse.

**Orange w/Red:** (Enable 1) - ECE Mode Flashing

**Yellow:** (Enable 2) - Dim

**ACTIVATION OF ANY OF THE FUNCTIONS BELOW WILL RESULT IN NON-COMPLIANCE WITH ECE SPECIFICATIONS !!**

**White w/Brown:** (Enable 3 / AUX) - Steady burn or Non-ECE heads

**Green w/Yellow:** (TD Left) - Enables Left directional arrow function. (Overrides other functions)

**Orange w/Green:** (TD Right) - Enables Right directional arrow function. (Overrides other functions)

} Activating both produces Center-Out Pattern