

ROUTE 145, WINTHROP ROAD  
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The **SSNF140H Emulation Module** is designed to allow the cathode wire of a strobe cable to act as a triggering device for an auxilliary lighthouse. *This lighthouse may not exceed 40 watts.* It is important for the installation technician to read the following information carefully.

- Using appropriately sized wire, extend the RED and BLACK wires from the module to the vehicle battery (see wire specification table below).

**WARNING:** All customer supplied wire that connects to the positive (+) terminal of the battery, must be sized to provide at least 125% of the operating current and fused "at the battery" to carry that load.

- Connect the RED wire to a fuse block (customer supplied) and then to the POS. (+) battery terminal. NOTE: Although a 5 amp fuse (customer supplied) is required, do not install the fuse until all wire connections have been completed.

- Connect the BLACK wire to the factory chassis ground, typically adjacent to the battery.
- The YELLOW and WHITE wires provide the necessary voltage for the auxilliary lighthouse to be triggered by strobe activation. See illustration for wire designations.
- Locate the cathode wire on the appropriate strobe lighthouse cable. Route the cathode wire so that it passes through the opening in the current transformer as shown. Note that the current transformer is positioned off to one end of the module. IT IS IMPORTANT that the module be oriented so that the cathode wire coming from the strobe lighthouse enters the current transformer from the side facing the emulator's wires.

### Customer Supplied Wire Specifications

If wire gage is:	Then the maximum allowable length is:
14 AWG	39 Feet
16 AWG	24 Feet
18 AWG	15 Feet
20 AWG	9 Feet
22 AWG	6 Feet

