

TRAILER LIGHT AND HARNESS INSTALLATION INSTRUCTIONS

VEHICLE CONNECTION

Connect the wires of the 5-wire trunk connector to the vehicle wiring. Connect BROWN wire to vehicle TAIL LIGHT wire, YELLOW wire to vehicle LEFT STOP and TURN wire and GREEN wire to vehicle RIGHT STOP and TURN wire. Attach BLUE wire to the AUXILIARY circuit – back-up lights, surge brake lockout valve or other optional equipment. NOTE: Blue wire size and capacity is not sufficient for a 12 volt battery charge line. Attach WHITE ground wire to vehicle frame.

NOTE: Many cars have rear turn signals separated from the stop lights. These cars may need a tail light converter in order to connect them to standard trailer lights.

LIGHT INSTALLATION

Mount stop/tail lights with side marker lights toward outside of trailer. NOTE: Light with license window (and license bracket) is mounted on the LEFT side of the trailer. Mount front side marker lights as shown on diagram.

HARNESS INSTALLATION

At the front of trailer, position plug so that harness has some slack when connected to trunk connector. Attach WHITE (ground) wire to trailer frame.

Install the YELLOW/BROWN wires along the LEFT side of frame.

Install the GREEN/BROWN wires along the RIGHT side of frame.

Connect BROWN wires to each tail light (brown). Splice side marker light wires to BROWN harness wire.

Connect YELLOW wire to LEFT STOP (yellow or green).

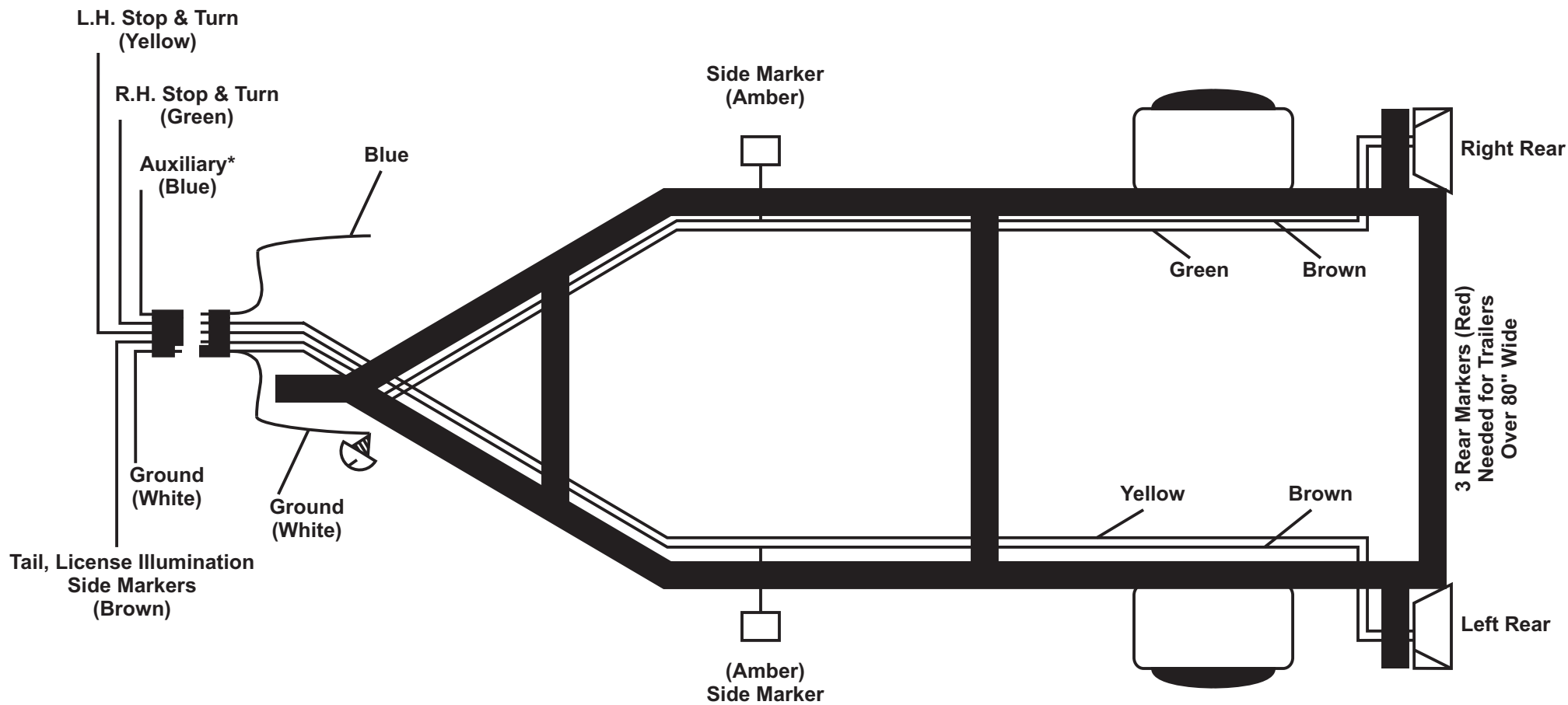
Connect GREEN wire to RIGHT STOP (yellow or green).

Attach BLUE wire to AUXILIARY optional equipment.

CIRCUIT TEST

Connect harness plug to trunk connector plug. Turn on car headlights – both tail lights and all side markers should come on. The brighter stop lights should come on only when brake pedal is depressed, or when turn signal is activated (key must be in “on” position). If lights do not light, check all ground connections. If turn signals on trailer do not operate properly, check connections between vehicle wiring and trunk connector.

NOTE: Some kits do not contain all lights required by Department of Transportation. Please check with your dealer concerning additional lighting requirements.



CAUTION - Avoid routing wires over sharp edges or pinching them. All splices should be sealed with a flexible waterproof caulking for extra protection.

* Auxiliary - May be used for surge brake lockout valves or back-up lights. Do not use for battery charger.

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