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INSTALLATION GUIDE

LED Bargraph Water Temperature Gauge

Part Number: B9113

*** Always disconnect the battery *before* attempting any electrical work on your vehicle.***

Kit Components

One (1) B9113 Bargraph Water Temperature Gauge

One (1) S8013 or S8023 Temperature Sending Unit



WIRING INSTRUCTIONS

Ground - Black This is the main ground for the display system. Proper vehicle grounding is extremely important for any gauges (or electronics) to operate correctly. The engine block should have heavy ground cables to the battery, frame, and firewall. Failure to establish a proper ground may cause incorrect or erratic operation. For the most accurate readings, connect to the same ground as the sending unit.

Power - Red Connect to a switched +12V source, such as the ignition.

Dimmer - Purple Connect to the parking lights to dim the LEDs 50% when the headlights are on. **Do not** connect to the headlight rheostat control wire as the dimming feature will not work properly. For permanent 100% brightness, connect to ground.

Water - Blue - This gauge is incompatible with other sending units, so you must replace the existing water temperature sending unit with the included sender. Do not use Teflon tape or other sealer on the new sending unit's threads to avoid inaccurate readings. Connect the blue wire to the sending unit. For best results we suggest running a new wire.

NOTE: THE FOLLOWING INSTRUCTION ONLY PERTAINS TO THE TWO TERMINAL SENDER AND CIRCUIT BOARDS THAT ARE WIRED FOR THIS SENDER. NOT ALL KITS WILL CONTAIN A TWO TERMINAL SENDER.

Water -Black/ Blue - This is a ground wire for the two terminal water temp sender. If your dash kit came with the single terminal sender this wire will go to the engine block ground. If using the two terminal sender this will go to the black/blue wire on the sender's harness. If your kit contains a two wire sender and your dash circuit board does not have the Black/Blue wire installed then run this wire coming off the senders harness to the same ground that the dash board is grounded too.

This gauge is incompatible with other sending units. To avoid inaccurate readings, **do not** use Teflon tape or other sealer on the new sending unit's threads. Connect the blue wire to the sending unit.

