Gauge Installation Notes - GI-VETD-03

- The gauge and sensor assembly are tested and checked before posting.

- However, before installing the gauge, GaugeInnovations recommends that correct operation of the gauge be verified by:
  - Connecting the 5 pin cable plug from the gauge to the “under the dash” gauge junction box.
  - Connecting the 2 pin DC power cable into the “under the dash” gauge junction box.
  - Connecting the 4 pin sensor cable plug to the “under the dash” gauge junction box.
  - Using a 9v battery (or similar power source) to power up the gauge (red wire + positive, black wire – negative)

  The gauge should show the engine sensor temperature and the coolant icon. Please contact GaugeInnovations via eBay if there are any problems.

- For best viewing, select a location to install the gauge away from direct sunlight.

- During installation care must be taken with the plugs and cables to avoid damage.

- Please insert and remove plugs very carefully and avoid tension on the cabling,

- GaugeInnovations recommends the gauge be installed by an auto electrician.

- Please follow these steps to install:

  1. Connect the 5 pin cable plug from the gauge to the “under the dash” gauge junction box.

  2. Connect the 2 pin 12v DC power cable to the “under the dash” gauge junction box.

  3. Power up the gauge with nothing else connected. Verify the gauge display screen is operating. Typically, the display will show a blue icon when the temperature sensor is not connected. The coolant icon may be red and the alarm may also sound. Power down the gauge after the check.

  4. Route the “under the bonnet” sensor junction box connecting cable (2.5m long) through the firewall to the “under the dash” gauge junction box. Take care to not damage the 4 pin connector and wiring.

  5. Connect the 4 pin cable plug into the “under the dash” gauge junction box. Power up the gauge and verify the engine sensor temperature and coolant icon are displayed. (A “factory reset” may be required if the sensor temperature is not displayed correctly)

  6. Install the engine temperature sensor to the location you have selected. Install the coolant level sensor as described in the instructions.

  7. Stick the plastic gauge junction box and sensor junction box (using the 3M double sided pads) to suitable locations away from heat and electrical noise sources.

  8. Finally, power up the gauge and check the icons and temperature are displayed.

  9. Set the engine temperature warning and alarm levels as required.

Resolving Problems

1) **Nothing is displayed on the gauge – screen is blank**

- Remove the 4 pin plug from the gauge junction box and check if the gauge display works with just power connected. If the display then works, there is a short in the sensor cabling. If there is no display, the gauge is faulty or the power is not connected correctly. Please contact GaugeInnovations for assistance.

2) **The gauge is showing flashing red icons, the alarm is sounding and the temperature is showing as three asterisks "***"**

- This display indicates that the gauge is not receiving temperature signals from the sensor. Check the 4 pin plug on the back of the gauge and sensor cabling for loose or faulty connections. If required, please contact GaugeInnovations for assistance.
- A "factory reset" may also be required to restore the gauge configuration and sensors.

3) **The gauge only displays the engine icon**

- This display may show after a factory reset and indicates that the gauge was not able to detect the engine sensor or the coolant sensor. Check the 4 pin plug on the gauge junction box and sensor cabling for loose connections. If required, please contact GaugeInnovations for assistance.

4) **The coolant icon is always red**

- Please check the positioning of the coolant level sensor on the plastic coolant bottle is correct as described in the instructions. The red led on the sensor will light when the sensor detects coolant. If required, please contact GaugeInnovations for assistance.

5) **The coolant icon is not displayed**

- This indicates the gauge has not detected the coolant level sensor. Please check the connections and wiring to the coolant level sensor. If required, please contact GaugeInnovations for assistance.

6) **Cleaning the gauge**

- Use a soft cloth (eg glasses cloth) or lens brush to clean the gauge. Don't use any harsh cleaning chemicals . isopropyl alcohol (ie glasses cleaner) is ok.

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