



# Installation and Troubleshooting Guide



NOTE: This installation is to be completed by an Authorized Dealer or Professional Service Technician. For questions regarding installation or warranty, call CDI Tech Support at 866-423-4832. **Do not return to the Dealer or Distributor where the part was purchased. Contact CDI Electronics Directly for Return Material Authorization.**

## CDI P/N: 144-4857-16 Oil Warning Module 2, 3 & 4 Cylinder

Replaces: 14857, 14857 1, 14857A 1, 14857A 2, 14857A 3, 14857A 4, 14857A 6, 14857A 7, 14857A 8, 14857A 9, 14857A10, 14857A11, 14857A12, 14857A13, 14857A14, 14857A15, 14857A16.

**NOTE:** This product is designed for installation by a professional marine mechanic. CDI cannot be held liable for injury or damage resulting from improper installation, abuse, neglect or misuse of this product.

### INSTALLATION

1. Disconnect the wires from the old oil warning module.
2. Remove the old oil warning module and clean all ground wires.
3. Install the new oil warning module using the original bolts.
4. Connect the new oil warning module's Black wire to engine ground, Purple wire to key on 12V, Tan wire to the warning system and the 2 White/Blue wires to the sensor in the oil tank.
5. Test the new oil warning module by turning the ignition switch to the on position and listening for a short beep from the warning horn.
6. With the key-switch turned to the on position, use a jumper wire to short the two White/Blue sensor wires together. You should get a fast beep from the warning horn.

### TROUBLESHOOTING

#### **Warning horn will not sound a beep when the key-switch is turned to the on position:**

1. Check the power to the horn on the Purple wire. There should be battery voltage (12V or more) present on the Purple terminal.
2. Using a jumper wire, short the Tan (or Tan/Blue) sense wire of the horn to engine ground. Turn the key-switch on and the horn should sound a continuous tone. (If the horn does not sound, replace it.)
3. With the key-switch in the on position, check the warning horn function by shorting the Tan wire (that goes to the oil warning module) to engine ground. The horn should sound a continuous tone. If the horn does not sound, yet does sound when the terminal on the horn is shorted to ground, the engine or boat harness is likely bad.

#### **Warning horn sounds continuously:**

1. Disconnect the two White/Blue sensor wires from the oil warning module and retest.
2. If the horn stops, reconnect the White/Blue sensor wires to the sensor in the oil tank. Then, remove the oil tank from the mounting bracket and turn it upside down. If the horn quits sounding, the oil tank is likely bad.
3. If the horn still sounds, disconnect the Tan wire from the module and see if the horn now stops sounding. If the warning horn sounds with the two White/Blue sensor wires disconnected, but stops when the Tan wire is disconnected, the oil warning module is defective.