

# ENGINEERING NOTICE

Area Affected: Ensign II Dash Harness

Date Issued: 12/15/22

Date Expires: TBD

Quality Issue: 5" gauges not backlighting

Concern / Escape Description: Boats with Ensign II helms with 5" gauges are not illuminating when then Nav/Anc switch is engaged. Other symptoms may include loss of various engine data such as trim, tach or both.

Fix: Pin 7 and 5 may be pinned backwards on the 16 position Tach connector. A continuity check should be your first step to see if Pin 7 has continuity to the backlight circuit or navigation circuit. If no continuity is found, the wires are backwards.

Remove the white pin lock from the connector, hold the internal black tab down for the affected pins, and pull the terminal from the connector. Replace to correct position.

Other notes:

- If you find that your dash harness J-box connector will not plug into the J-box to NMEA adapter, please request Avalon part number 121999 to correct the plug incompatibility.
- If you find that your Suzuki prerig trim connector has been cut off and wired into the dash harness trim bullet drop, that connection will need to be severed and connected to the Suzuki Engine Interface. The Trim sender ground reference wire found in the prerig will also need to be wired into the Suzuki engine interface as well.