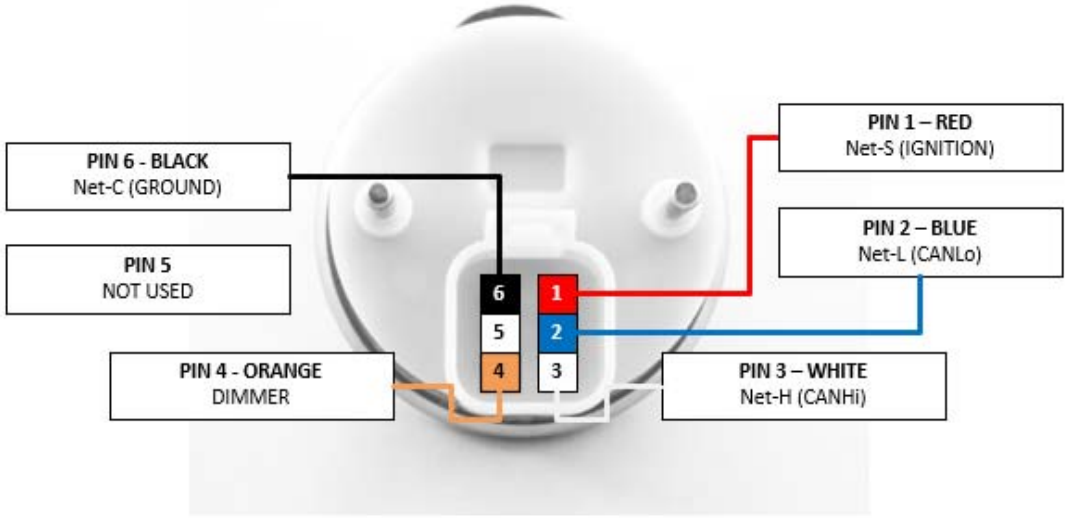
NMEA2000 GAUGE INSTALLATION INSTRUCTIONS

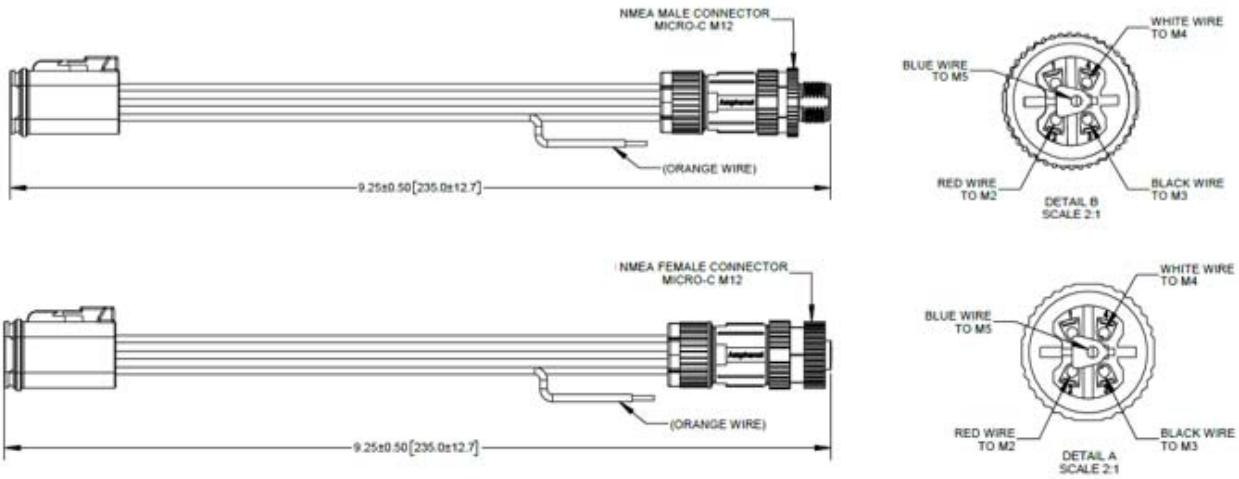
ICON KEY **CAUTION** Tools may be required Shown in picture

1 ***Disconnect batteries***. Do not reconnect battery power until the system is fully configured to avoid risk of shock or fire.

2 Connect the 6-pin sealed connector to the back of the gauge (with the gauge near its final mounting location), then route the orange wire with cut end towards the fuse panel or other area where the dimmer connection will be made, leaving enough length at the 6-pin connector to allow you to remove the gauge from the mount without unplugging it from the gauge.

3 WIRING DIAGRAM





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- **PIN 1 – Red:** Net-S (Ignition); Connect to one wire of the included fuse holder using the included crimp splice, and the other wire of the fuse holder connected to a circuit that switches on with the key switch. Install the included 1-amp fuse in the fuse holder.

  Use only 1-amp fuses, higher amperage fuses may cause damage to the gauge or to the watercraft.

- **PIN 4 - Orange:** Dimmer; Connect to the factory gauge dimmer circuit by either tapping into the fuse block or by connecting directly to the wire running from the dimmer on the light or add external switch to Term30 or use lights signal onboard Term58 if one is available.

NOTE: The gauge backlighting will only illuminate if both the ignition supply AND the backlighting circuits are on

4

Mate the male or female M12 NMEA connector on the harness to the NMEA2000 network male or female NMEA connector.

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PGN TRANSMIT AND RECEIVE LIST

- Load Equivalency Number (LEN) = 1
- Transmit PGN List:
  - 59392 – ISO Acknowledgment
  - 60928 – ISO Address Claim
  - 126208 – NMEA - Request / Command / Acknowledge group function
  - 126464 – PGN List - Transmit / Received PGN's group function
  - 126993 – Heartbeat
  - 126996 – Product Information
  - 126998 – Configuration Information
- Receive PGN List:
  - 59904 - ISO Request
  - 60160 – Transport Protocol, Data Transfer
  - 60416 – Transport Protocol, Connection Management
  - 60928 – ISO Address Claim
  - 65240 – Commanded Address
  - 126208 – NMEA - Request / Command / Acknowledge group function
  - 127489 – Engine Parameters, Dynamic
  - 127505 – Fluid Level

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