



# 4" 2-1 Fuel & Volt with Studded Connectors

# IS0414

Rev. A, L147 - 01/2020

## Installation Manual

Dashboards are getting more and more crowded as today's technology explodes on to our boats. Often there are so many beeps and buzzes it's hard to see just what's happening. Of course, you can fill up your dash with lots of little two inch discrete gauges but that too takes more space. That's why Faria Beede developed our multi-function gauge.

We've combined the most useful discrete gauges into a single instrument and then styled them to match many of our standard styles.

Let us be your solution for dash overload.



Scale may vary depending on model.

### Caution

Disconnect the battery during installation.

Tighten nuts on the back clamp only slightly more than you can tighten with your fingers. Six inch-pounds of torque are sufficient. Over tightening may result in damage to the instrument and void your warranty.

Use stranded, insulated wire not lighter than 18 AWG. Be certain wire insulation is not in danger of melting from engine or exhaust heat or interfering with moving mechanical parts. It is recommended that insulated wire terminals, preferably ring type be used.

### Parts

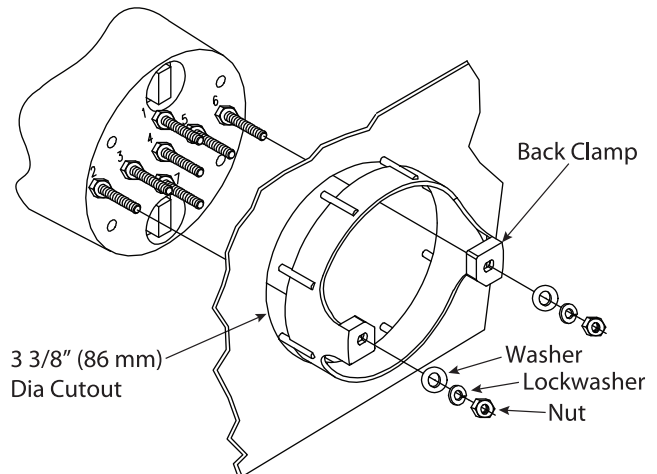
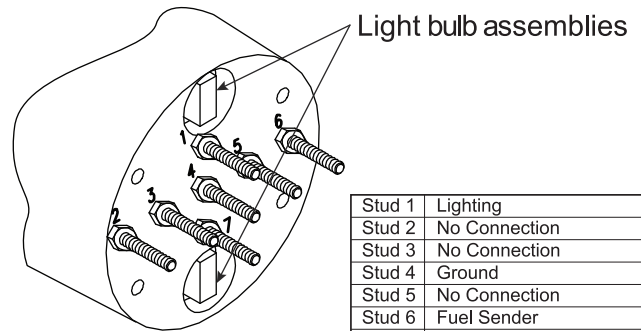
QTY	DESCRIPTION
1	4-Inch Fuel and Volt
1	Mounting Bracket (BC0158)
6	#8 Lockwasher (LW0017)
6	#8-32 5/16 Hex nut (NT0029)
2	#8 Washer (WS0035)

Note: Extra hardware may be left over after install.

### Installation

1. Disconnect the battery.
2. Cut a 3 3/8" (86mm) diameter hole in the dash allowing a clearance of 3" (80 mm) for wires. Mount the 2-1 Multifunction gauge with the back-clamp supplied. Use the supplied washers and nuts and tighten.
3. Connect a wire to the stud marked "4" (ground) and secure with a nut and lockwasher. Connect the opposite end to the boat's electrical ground, generally available in several locations at or near the instrument panel.
4. Connect a wire to the stud marked "7" (B+) and secure with a nut and lockwasher. Connect the opposite end to a 12v DC circuit that is activated by the ignition switch.
5. Connect a wire to the stud marked "1" (lights). Connect the opposite end to the positive (+) side of the boat's instrument lighting circuit. No separate ground is required for lighting.
6. Connect a wire to the stud marked "6" (fuel sender) and secure with a nut and lockwasher. Connect the opposite end to the stud on the sending unit and secure with a nut and lockwasher.
7. Reconnect the battery.

### Wiring Diagram



### Trouble Shooting

Verify the unit is receiving both supply (Pin 6 - Ignition) and constant power (Stud 4 - Battery)

NOTE: To change light bulb, twist socket assembly one-eighth turn counterclockwise until it disengages. Bulb pulls straight out of assembly. It is a GE No. 194 series instrument lamp.

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