4” GPS Speedometer with Fuel Level and Packard Connectors

IS0390
rev. A ecn 10480 11/2016

Caution

Disconnect the battery during installation. Tighten nuts on the backclamp only slightly more than you can tighten with your fingers. Six inch-pounds of torque is sufficient. Over tightening may result in damage to the instrument and may void your warranty.

Note

a. To change LED light bulb, twist black socket assembly one-eighth turn counter clockwise until it pops out. Bulb pulls straight out of assembly. Use a Faria LM0077 LED for replacement.

The GPS Speedometer is a drop in replacement for your current speedometer and can be made to match your existing instrument dash. The GPS Speedometer uses a highly accurate 48 channel GPS receiver.

Speed data is shown by an analog pointer. This pointer is driven by a digital stepper motor for increased accuracy and minimized pointer bounce during vessel operation.

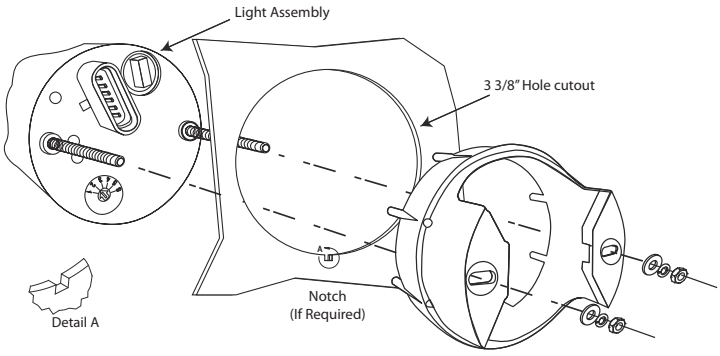
Parts

QTY	Description
1	GPS Speedometer
1	Mounting Bracket (BC0158)
2	#8 Brass Nut (5/16”)
2	#8 Brass Flat Washer
2	#8 Split Washer
1	GPS108

Scale may vary depending on model.

Installation

1. Cut a 3 3/8” (85 mm) diameter hole in the dash allowing a clearance of 3” (80 mm) for wires. Mount the GPS Speedometer with the backclamp supplied. Use the supplied washers and nuts and tighten
2. Using the Wire Diagram, connect the wires to the Packard connector.
3. Ensure switch setting is set to position 2.
4. Reconnect the battery.



Operation

1. After turning on the power the speedometer will go to 5 MPH.
2. Once the Speedometer has a GPS Lock on the satellite the Pointer will read current speed.

Trouble shooting

Pointer does not move:

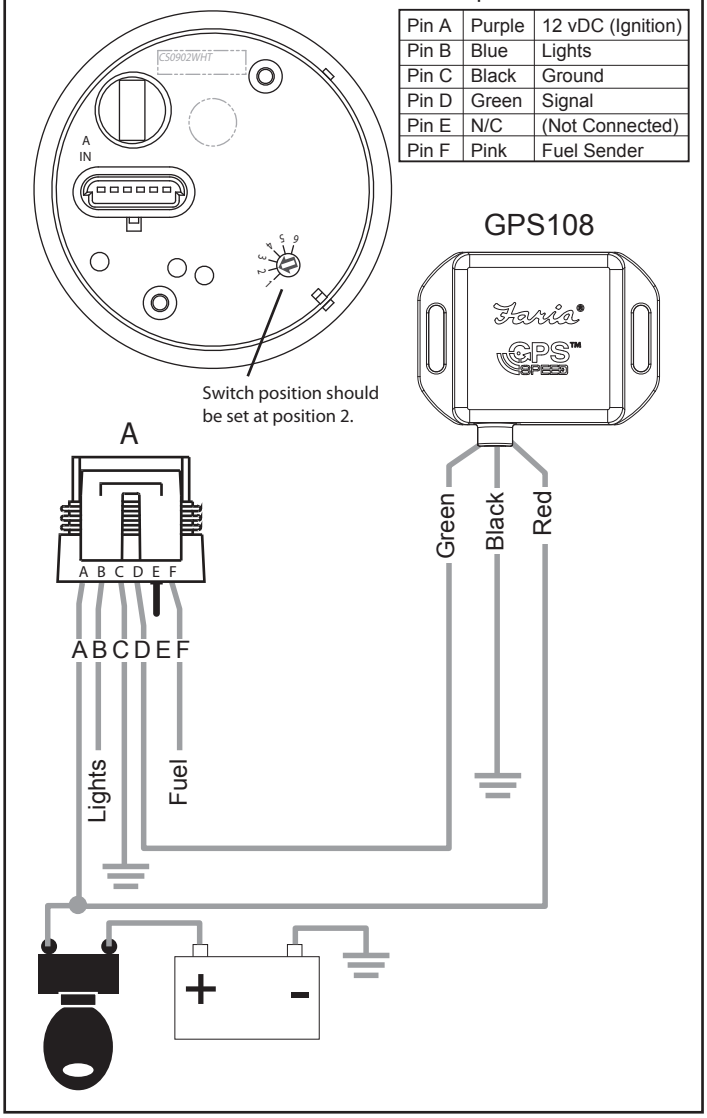
1) Check Power connections on back of Speedometer.
2) Check the wires are connected per Wire Diagram.
3) Verify you have the correct GPS Antenna connected.
4) Check the voltage at the antenna measures about 2.4 vDC between signal and ground.

If everything has been verified and the pointer still does not move, contact Faria Beede at 860.848.9271 extension 1229.

Wiring Diagram

PA: 6- pin connector

Pin A	Purple	12 vDC (Ignition)
Pin B	Blue	Lights
Pin C	Black	Ground
Pin D	Green	Signal
Pin E	N/C	(Not Connected)
Pin F	Pink	Fuel Sender



Made in the USA

Faria Beede Instruments, inc.
www.FariaBeede.com