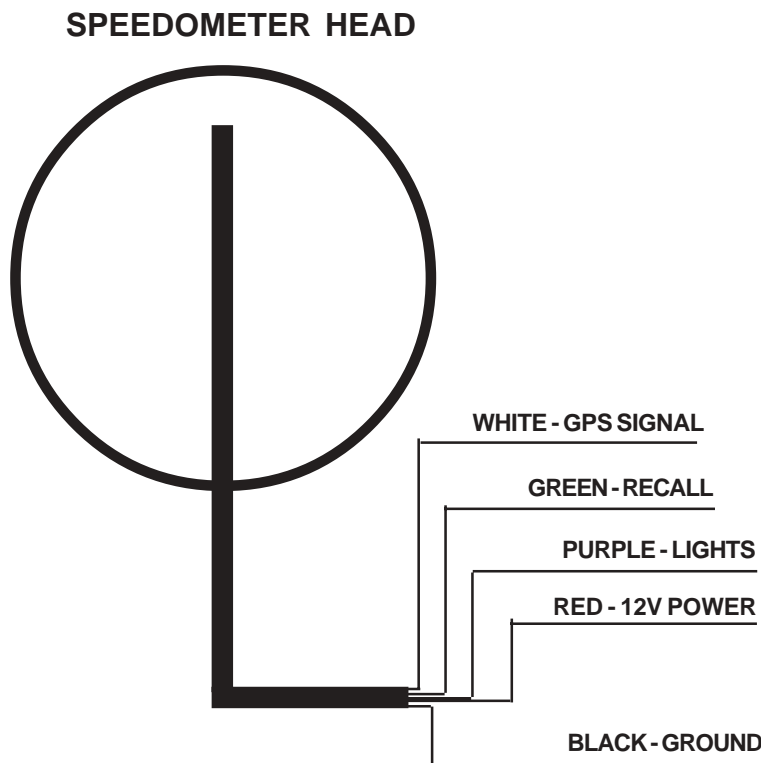


## Owner's Installation Manual

# GPS Speedometer Head Wiring Layout

For use with Autometer / Livorsi GPS Speedometers



### INSTALLING THE SPEEDOMETER HEAD

1. Connect the **BLACK** wire to your ground location. (Use the same ground location for both speedo head and the GPS receiver)
2. Connect the **RED** wire to a fused accessory or the switched ignition circuit.
3. Connect the **PURPLE** wire to your running lights for night time viewing of the gauge.
4. Connect the **WHITE** wire to the orange wire on the Hardin Marine GPS receiver.

### HAND HELD RECEIVER

The **WHITE** wire is to be connected to the NMEA output from your existing handheld or stationary GPS system with a one second update rate. All GPS systems can communicate with each other through the industry standard NMEA output. To purchase this connector, you will need to contact the manufacturer of the GPS receiver, we do not supply connectors for interfacing to your GPS speedometer.

### 5. GREEN - RECALL FUNCTION

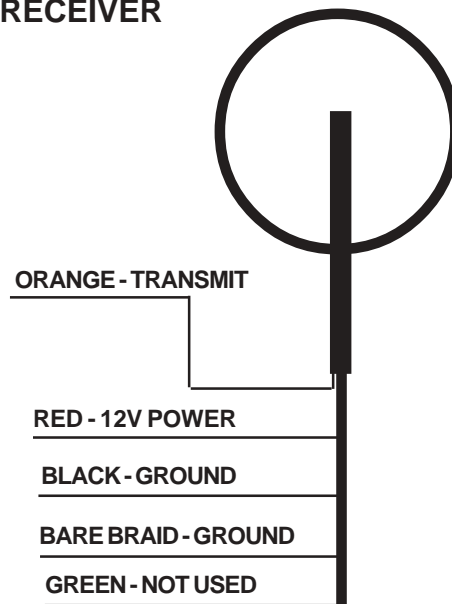
Connect this wire to a momentary normally open switch and then to ground. This switch is used for memory recall. **CAUTION!** If this green wire accidentally touches or receives 12 volts, the unit will be destroyed and your warranty will be voided!

# Owner's Installation Manual

## GPS Receiver Wiring Layout

Part Number: 105-979250 (GPS Receiver)

### GPS RECEIVER



### GPS RECEIVER INSTALLATION

1. For **BEST** results the GPS receiver should be mounted above deck. Should it be necessary to mount the receiver in another location it must be mounted in a position that allows the GPS signal to pass through fiberglass only, the signal cannot pass through wood or metals.
2. Connect the **ORANGE** wire to the speedometer heads white wire.
3. Connect the **RED** wire to a 12 volt power source (if wired to continuous power - GPS will not have to initialize with the satellite each time).
4. Connect the receiver **BLACK** lead to battery ground.
5. Connect the **BARE BRAID** to vessel ground.
6. The **GREEN** wire is not used with the GPS speedometer head. This wire should be taped off and secured.

**NOTE:** Please allow up to 20 minutes for the antenna to find the satellite before use.