
SMARTCRAFT SYSTEM TACHOMETER AND SPEEDOMETER INSTALLATION

Notice

NOTICE
After completing installation, these instructions should be placed with the product for the owner's future use.

NOTICE
This document is written to aid our dealers and company service personnel in the proper installation or service of our products. Persons who are not familiar with these or similar products produced by Mercury Marine, and who have not been trained in the recommended servicing or installation procedures should have the work performed by an authorized Mercury Marine dealer technician. Improper installation or servicing of the Mercury product could result in damage to the product or personal injury to the installer or persons operating the product.

Operation, Calibration and Wiring Instructions

Refer to Instructions in one of the following manuals:

1. Operation, Maintenance and Warranty Manual (provided with engine).
2. Engine Installation Manual (provided with engine).
3. Appropriate Mercury Marine Service Manual.

Installation Information

Before cutting any holes, check area behind dashboard for obstructions (braces, cables, wiring, etc.)

When cutting the dashboard for gauge installation follow these cutting tips:

- Fiberglass – apply masking tape to area to be cut to prevent dashboard from cracking.
- Vinyl Covered – Remove vinyl from area to be cut with razor blade to keep vinyl from tearing.

Gauge Installation

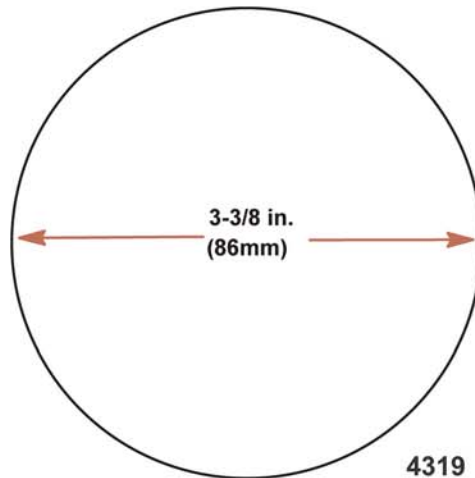
⚠ CAUTION
Avoid injury or product damage from an electrical shock, fire, or explosion. Always disconnect both battery cables from the battery.

1. Disconnect both battery cables from the battery.

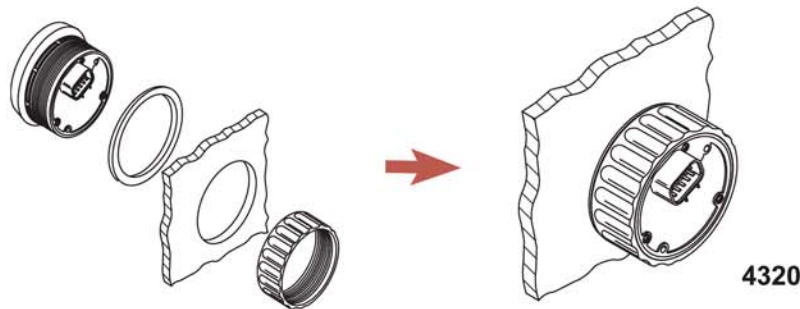
⚠ CAUTION

Avoid injury or product damage. Obstructions, such as braces and wiring, may be unseen when looking at the front of the dashboard. Before drilling or cutting any holes in the dashboard, check the area behind the dashboard for obstructions. Do not drill or cut when obstructions are present.

2. Select a location for the system monitor that affords good visibility.
3. Ensure there will be clearance between the components to install the bezels, if equipped.
4. If the dashboard is fiberglass, apply masking tape to the area that is to be drilled or cut to help prevent the dashboard from cracking.
5. If the dashboard is vinyl covered, remove the vinyl from the area to be drilled or cut to keep the vinyl from tearing.
6. Drill a 3-3/8 in. (86 mm) mounting hole using a hole saw.



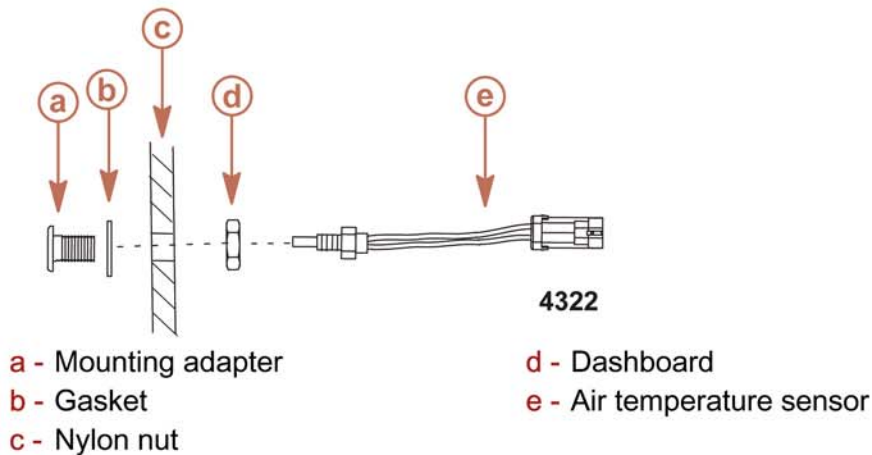
7. Place the gauge along with seal into dashboard and secure with retainer nut.



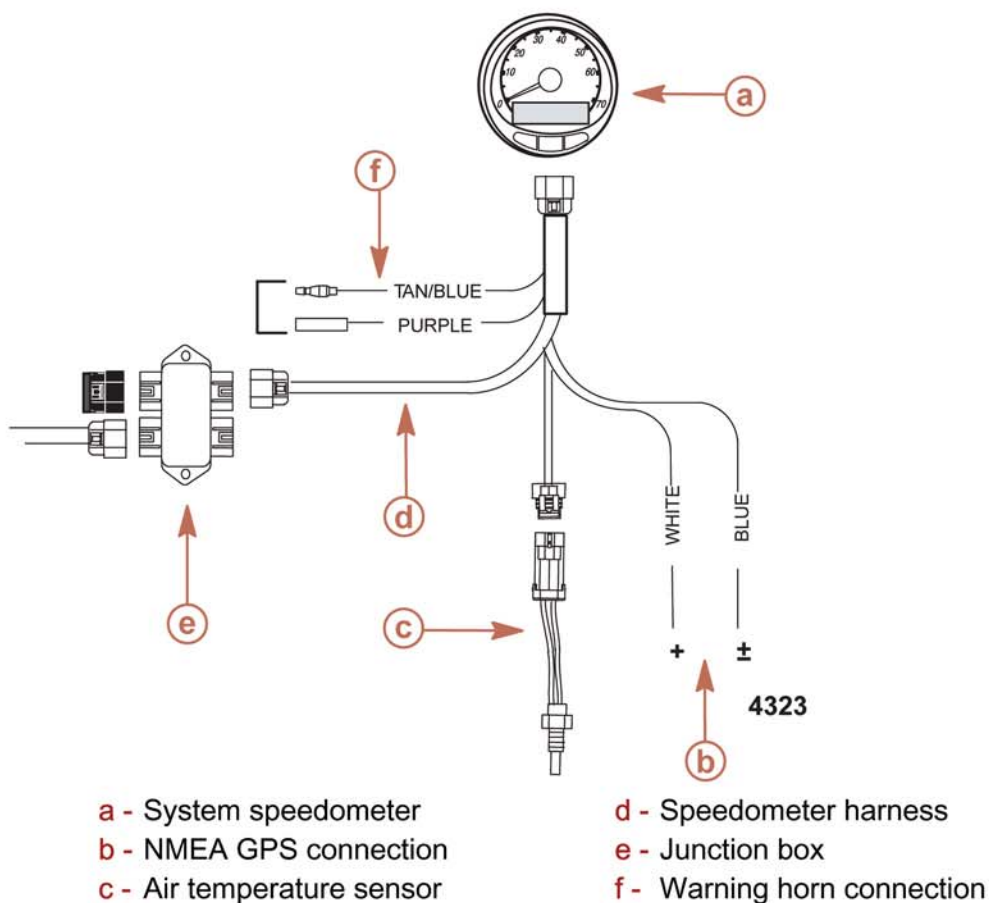
Outside Air Temperature Sensor Installation (Speedometer only)

1. Mount the sensor where it will be exposed to outside air and will not be in direct sunlight.
2. Select a location and drill a 19 (3/4 in.) mounting hole.
3. Install the mounting adaptor.

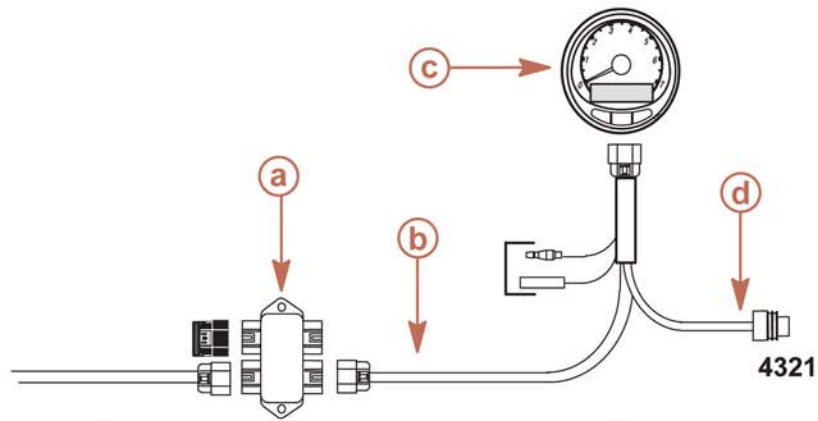
4. Thread the air temperature sensor into the mounting adaptor.



Speedometer Wiring



Tachometer Wiring



a - Junction box

b - Tachometer harness

c - System tachometer

d - System link gauge connection