



ELECTRIC SPEEDOMETER 2 - 1/8" TROLLING & 3 - 3/8" CRUISING/TROLLING

1. Check all wire connections to see that they are tight and not corroded.
2. Be sure the ring terminals supplied for the three sender wires at the gauge end are crimped to bare wire and making good contact.
3. When speedometer is first turned on, the pointer must go to zero. If not, check connections- ground "G" and ignition "I" wires.
4. Voltage at the speedometer "I" to "G" terminals should be 12 to 16 volts dc.
5. If spinning the sender paddle wheel does not produce speedometer movement, the system can be checked to see what component is not working by doing one of the following:
 - A. If you have a volt/ohmmeter, connect its leads to the "G" and "S" terminals of the speedometer. Turn the power to the speedometer "On", and slowly rotate the paddle wheel. The voltmeter should show pulsing DC - 12 volts, 0 volts, 12 volts, etc. as the paddle wheel rotates. If not, the paddle wheel is probably defective.
 - B. If you have a tachometer, first remove three sender wires from the speedometer, remove Tachometer's gray sender wire and attach to "S" terminal of speedometer. Start the engine. If the speedometer pointer gives a reading, it is probable the paddle wheel sender was not sending a signal to the speedometer and is not working.
 - C. Reconnect in original manner.
6. Be certain the paddle wheel is snapped into the transom bracket. If it is not snapped in correctly, the speedometer will work inaccurately.
7. If the installation is correct, but the speedometer is still not accurate, the sender may not be installed at the correct angle. The sender is designed for a 3° - 20° transom. Transoms that deviate from that angle may require use of 1 or 2 wedges (you will need to fabricate) in the sender installation. The wedges can be used either thin end up or down to achieve as close to a 3° - 20° transom position as possible. (Follow the instruction sheet procedure).
8. Every Teleflex Marine gauge can be identified by the part number printed on the side of the housing. Please reference this part number when contacting technical service or replacing the original gauge.

