

## Voltage Regulator Wire Interference – 1990 Mariner/Mercury 135-200

Tachometer wire which exits the voltage regulator case may contact the ignition coil mounting screw (Figure 1) on some outboards. Wire contacts with screw end may destroy wire insulation and eventually prevent tachometer from operating.

Only outboards within serial numbers listed that are equipped with a 40 amp. alternator require inspection and possible correction.

Outboards manufactured previous to the serial number listed do not have a wire/screw interface problem.

Outboards manufactured after serial number listed and previous to regulator change have the wire held and insulated with a drop of silicone sealer.

Voltage regulators produced after 1/19/90 (Julian date code 0190 printed on the housing) have the wire exit changed. These voltage regulators have the wires moved inward from the corner to an area next to the mounting hole (Figure 2).

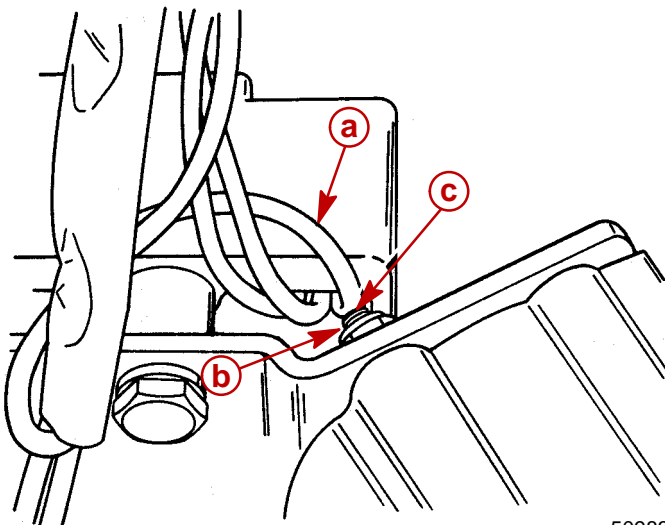


Figure 1. Wire / Screw Interface

- a** - Tachometer Wire
- b** - Ignition Coil Mounting Screw
- c** - Apply Silicone Sealer Between Wire and Screw

### MODELS:

Mariner 135-200 S/N 0C254931-0C283649

Mercury 135-200 S/N 0C254931-0C283649

### QUICKSILVER:

P/N 18736A15 voltage regulator  
previous to 0190 date code on housing

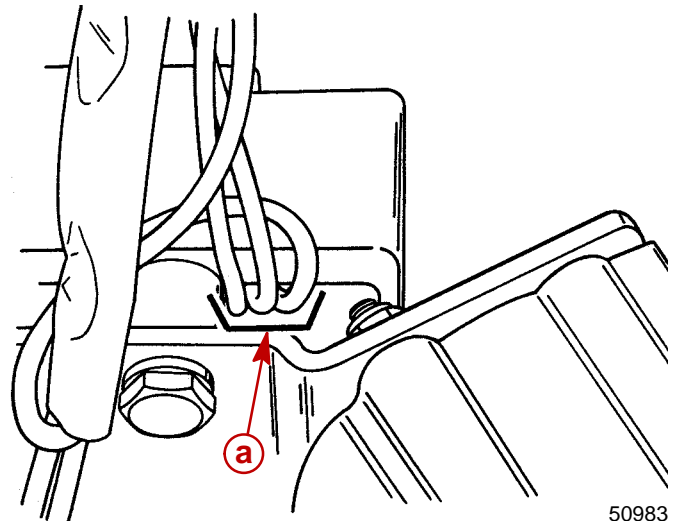


Figure 2. Voltage Regulator with 0190 Date Code

- a** - Wire Exit Changed

### REPAIR:

Check for wire and screw interference.

Move wire away from screw.

Apply a drop of silicone sealer between wire and screw (Figure 1).

### WARRANTY:

Two tenths (0.2) hour labor