



MERCROUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 70-12-08

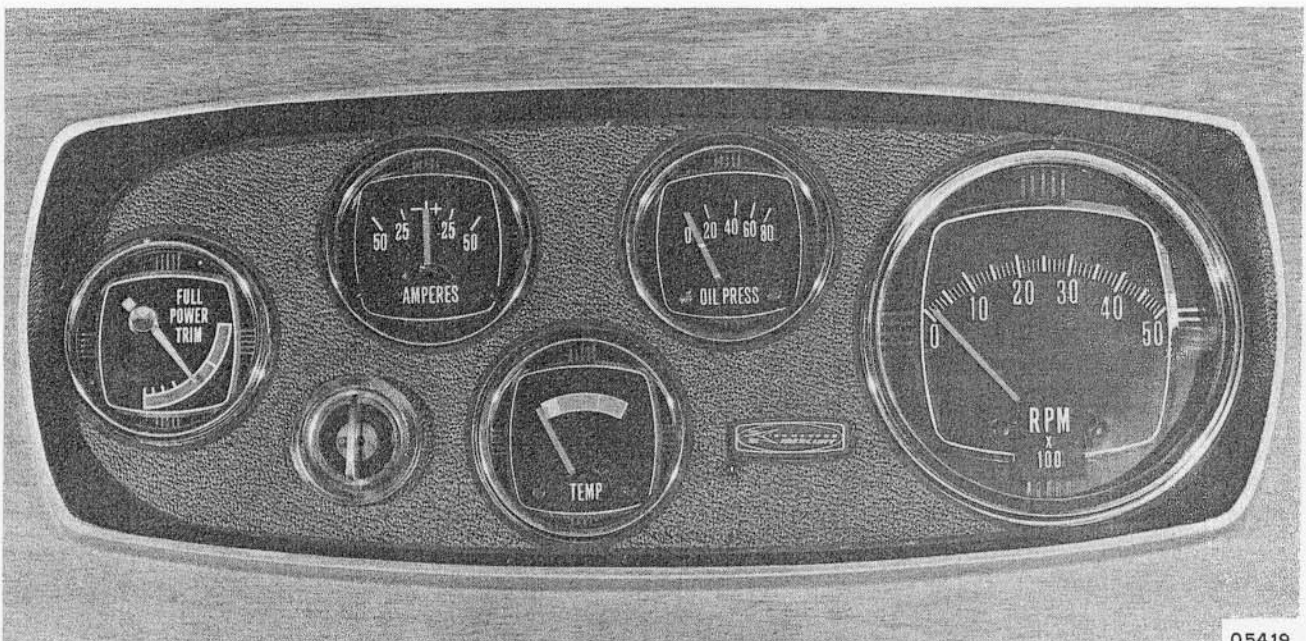
Date: 6/25/70

Overheating of Instrument Panel Harness and Engine Harness (Sec. II)

OVERHEATING of INSTRUMENT PANEL HARNESS and ENGINE HARNESS

(For Installation Section II)

Some boats are equipped with B-55194A_ series instrument panels. (Figure 1) If the instrument panel harness and/or engine harness overheats when connecting the battery cables or shows signs of overheating on boats so equipped, the red and/or red/white wires (connected to the ammeter) may be shorted to ground.



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Figure 1. Series B-55194A_ MerCruiser Instrument Panel

The above connections should be inspected (as outlined, following) BEFORE connecting the battery cables on all boats received and those which you have sold. Replace harnesses which show signs of overheating. Be sure that connections at ammeter are correct when installing new harness.

Inspection and Correction Procedure

1. Disconnect ALL cables from battery.
2. Visually inspect red and red/white wire connections at back of ammeter for shorted conditions as shown in Figures 2-3-4.

(OVER)

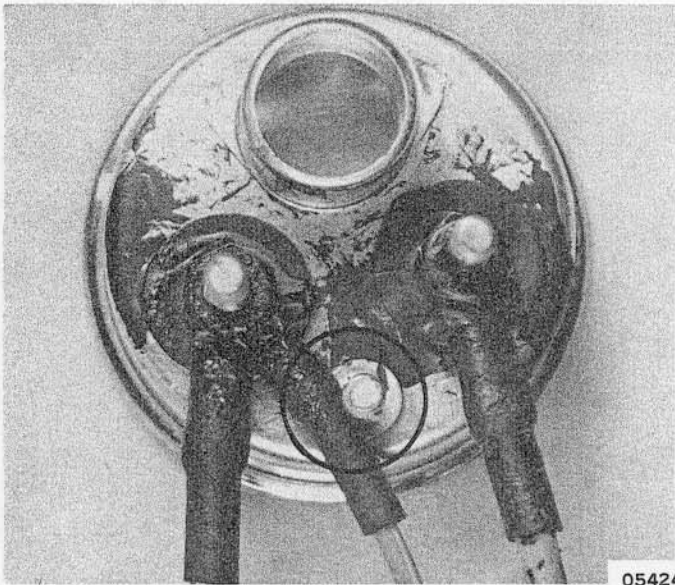


Figure 2. Red/White Wire Shorted to Ground Stud

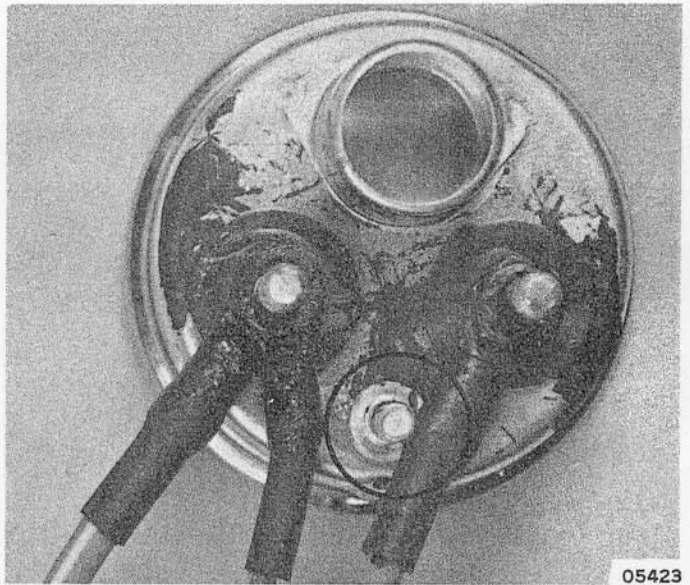


Figure 3. Red Wire Shorted to Ground Stud

3. If connections are as shown in Figure 2 or 3, loosen terminal nut and pivot terminal away from ground stud to provide clearance as shown in Figure 5.

4. If connections are as shown in Figure 4, bend terminals away from gauge case to provide clearance as shown in Figure 6.

Figure 4. Red/White Wire Shorted to Gauge Case

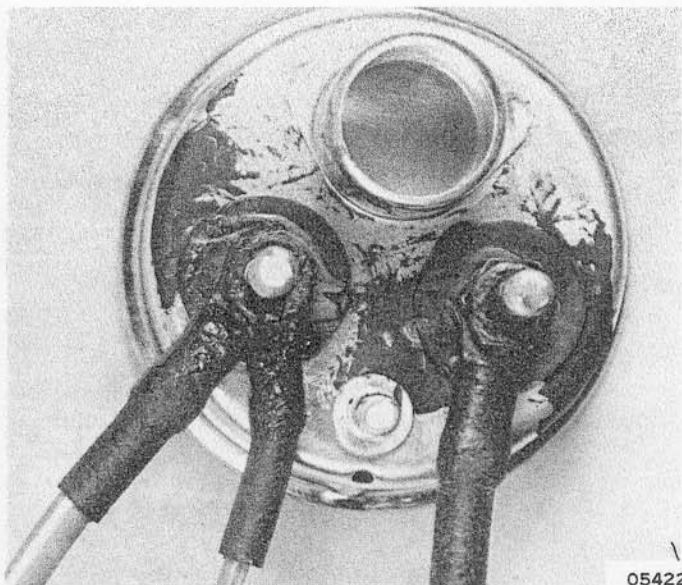
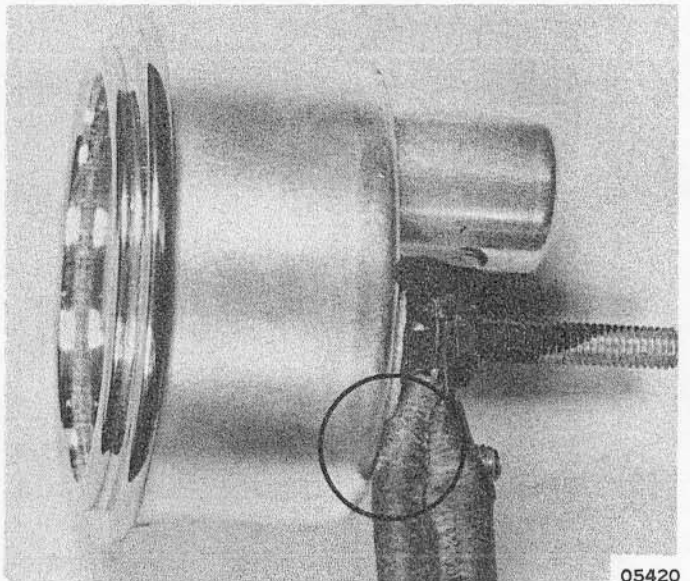


Figure 5. Correct Wire Connections

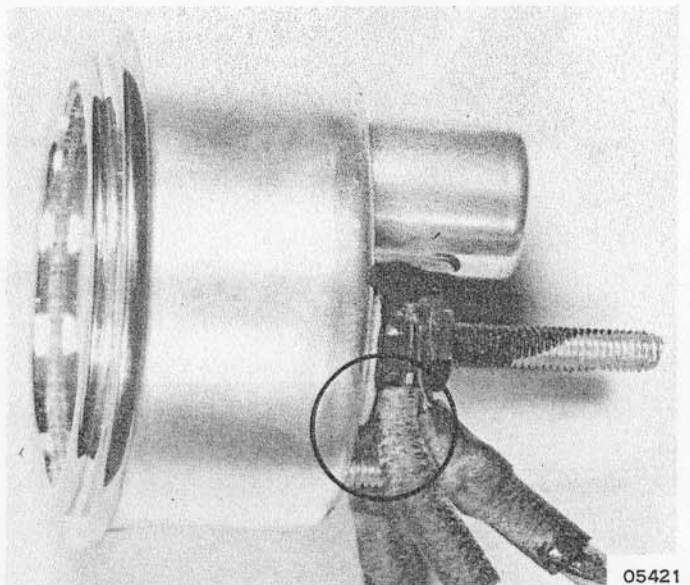


Figure 6. Correct Wire Connections