

TO: SERVICE MANAGER MECHANICS
PARTS MANAGER

No. 86-3

MCM 185/205 Wiring Harness Routing S/N A608353 and Below:

Some reports have been received from the field of the wiring harness chafing and/or melting in the exhaust manifold area on the rear starboard side of the engine as shown, (A) in Figure 1.

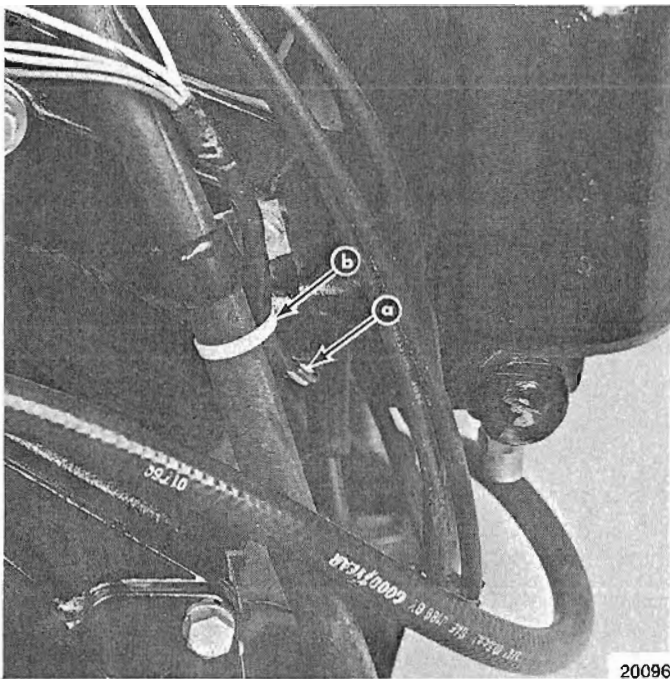
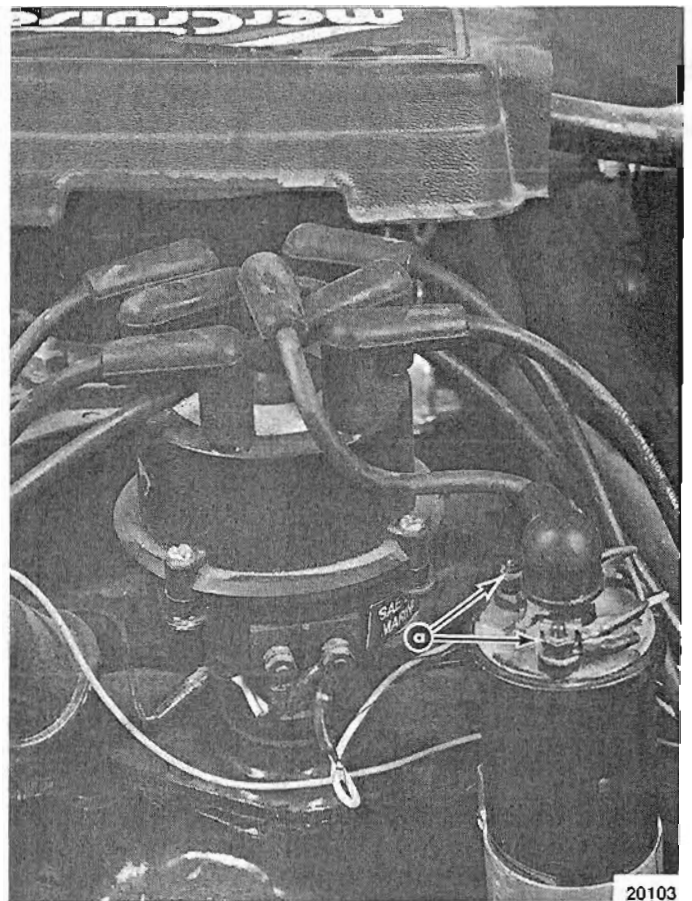


Figure 1.

IMPORTANT: If the insulation on the wires in this harness becomes chafed or melted so as to ground out a wire, this may cause the ignition system to quit working as if the key switch were turned to the off position. The engine will not restart as long as the ground exists.

To correct this problem the following procedure must be adhered to:

1. Remove sta-strap, (B) Figure 1.
2. Loosen coil mounting clamp and relocate coil so primary studs are straight fore and aft as shown in Figure 2. Tighten clamp.

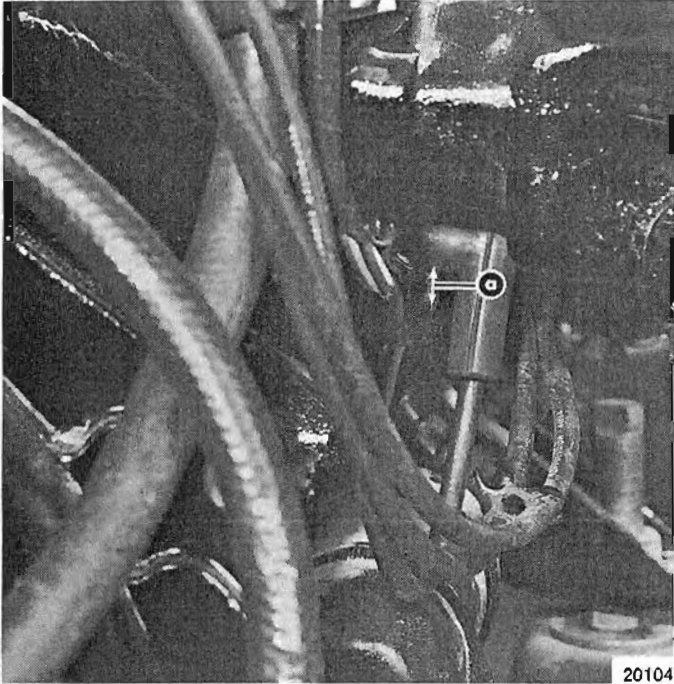


a - Primary Studs

Figure 2.

3. Remove spark plug boot and route harness below spark plug (Figure 3). Reinstall spark plug boot.

IMPORTANT: There must be approximately 1" (25mm) clearance between harness and spark plug boot. (Figure 3)



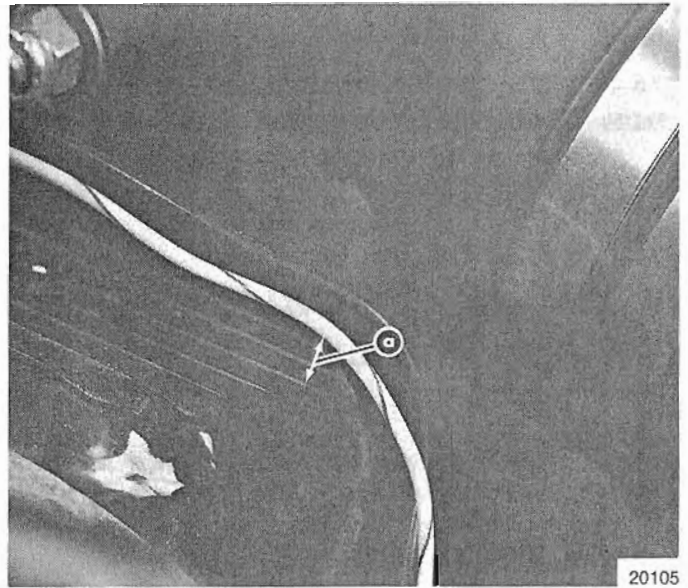
a - 1" (25mm) Clearance

Figure 3.

4. Retape harness if original tape is chafed or melted.
5. Position harness so there is 1" (25mm) clearance between shift cut-out switch wires and rocker cover (Figure 4).
6. Install new sta-strap thru J-clip as shown in Figure 5. Secure harness to J-clip.

Labor allowance is 1.0 hours for each harness that is repaired.

MCM 185/205 engines S/N A608354 and above have the wiring harness rerouted in production.



a - 1" (25mm) Clearance

Figure 4.

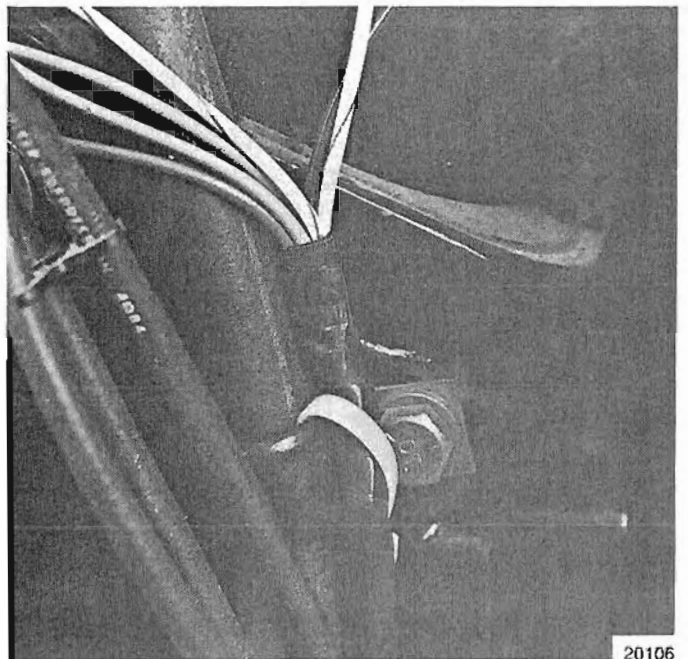


Figure 5.