



DR4186

### Ohmmeter Test – Key Switch

**Note** All ohmmeter tests must be performed with the engine NOT running.

1. Install emergency stop switch clip and lanyard assembly.
- 6** 2. Calibrate ohmmeter on appropriate scale. Connect meter leads between armature plate end of connector, terminal "E", and a clean engine ground.
  - Key OFF, meter must show a low reading
  - Key ON, meter must show a high reading
3. If Step 2, Key ON reading is a low one, disconnect harness black/yellow leads from key switch "M" terminal.
  - If meter now shows a high reading, test key switch. Refer to **Electrical** Section.
  - If meter shows a low reading, go to Step 4.
4. Separate emergency stop switch lead from harness black/yellow lead at key switch.
  - If meter now shows a high reading, test emergency stop switch.
  - If meter shows a low reading, test wiring harness.
5. If engine fails to shut off, test for open black/yellow lead, damaged key switch, or damaged power pack.
6. Complete all circuits disconnected during this test.