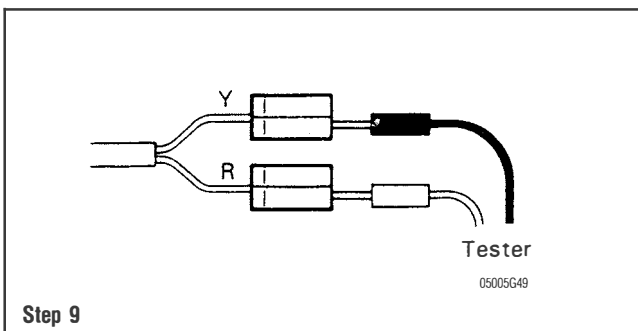
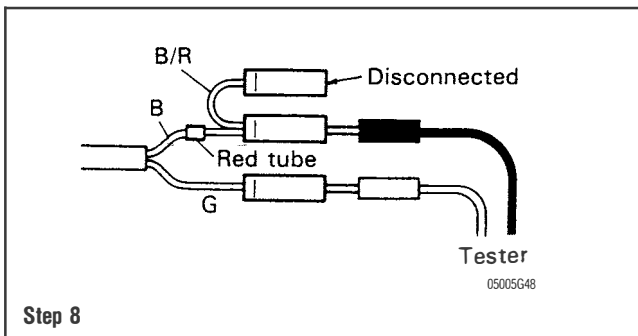
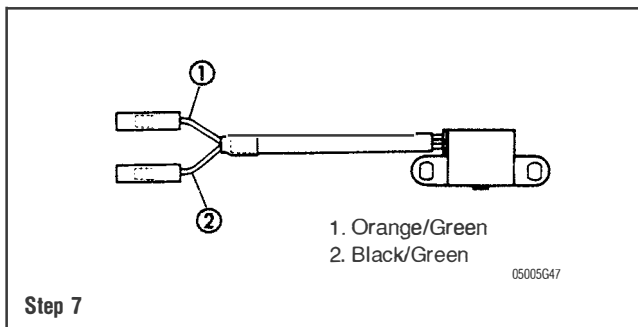
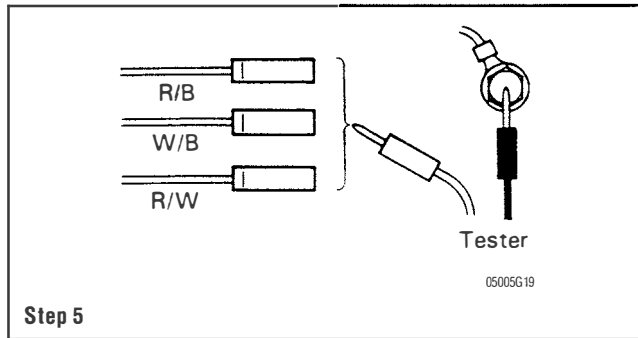


5-18 IGNITION AND ELECTRICAL SYSTEMS

DT75 and DT85

♦ See accompanying illustrations

- The three pulser coils are located at 120° angles to each other underneath the flywheel.
- Remove the engine cover.
- Disconnect the negative battery cable.
- Disconnect the pulser coil wires which are located inside the electrical junction box.
- Connect the digital multimeter to the pulser coil leads as follows:
 - No.1: Connect the tester red lead between the red/black wire and the black ground wire
 - No.2: Connect the tester red lead between the white/black wire and black ground wire



- No.3: Connect the tester red between the red/white wire and the black ground wire
- Resistance for the pulser coils should read between 160–240 ohms.
 - On the gear counting coil, measure the resistance between the orange/green and black/green wires. The resistance should read between 160–240 ohms.
 - On the condenser charging coil, measure the resistance between the green and black (red tube) wires. Resistance should read 170–250 ohms.
 - On the battery charging coil, measure the resistance between the red and yellow wires. Resistance should read 0.2–0.6 ohms.
 - If the resistance reading is not within specification, replace the faulty coil.

DT90 and DT100

♦ See accompanying illustrations

- The four pulser coils, battery charging coil, condenser charging coil and gear counting coil are all located underneath the flywheel, mounted on the stator base.
- Remove the engine cover.
- Disconnect the negative battery cable.
- Disconnect the pulser coil wires which are located inside the electrical junction box.
- Connect the digital multimeter to the pulser coil leads as follows:
 - No.1: Connect the tester red lead between the red/green wire and ground
 - No.2: Connect the tester red lead between the white/black wire and ground

