

TECHNICAL TIPSNo. 3 Ignition Module
(Field Test)
6/30/88

Testing on modules can be done in the field by using hand held test equipment to determine proper electrical operation of the unit.

SERVICE PROCEDURES

1. Remove the black wire from the ignition module, where it connects to the spark coil.
2. Remove the spark plug wire to insure the engine won't start.
3. Connect the positive lead from the *Volt Meter to the black wire.
4. Ground the negative lead from the *VM to the motor block or the negative battery terminal.
5. Turn on the meter and set it to the diode test. It will either show a flashing number, or a value around .55V. (Any value, on the meter, except the open state, is acceptable. All that the value shows is that the transistor in the module is conducting).
6. Turn the ignition key to on. Rotate engine by hand. The value (.55V) should be on for approximately half the rotation and the open state (the flashing number) for the other half of the cycle.
7. If the states listed in step 6 are not what you are seeing, either the meter is not properly connected or the ignition module is bad. Double check the meter connections.
8. If meter connections are proper and states are still not correct, then ignition module should be replaced.

REQUIRED EQUIPMENT

DVM *Special requirement -
Must have a diode test.
(Similar to a Radio Shack meter
22-171 \$24.95).

Any tools necessary to remove
the wires from the ignition
module to the coil.