

MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR/ MANIFOLD DIFFERENTIAL PRESSURE (MDP) SENSOR

TOOLS REQUIRED:

- DIGITAL VOLT Ohm METER (DVOM)
- VACUUM PUMP
- 6-VOLT LANTERN BATTERY
- 2 JUMPER WIRES

TEST PROCEDURE

NOTE: IT IS CRITICAL THAT ALL LEADS ARE CONNECTED PROPERLY OR DAMAGE WILL OCCUR TO SENSOR.

1. TURN DVOM ON AND SWITCH TO THE "VOLT" (V) AND "DC" SETTINGS.
2. CONNECT A JUMPER WIRE FROM TERMINAL "C" ON THE SENSOR TO THE POSITIVE TERMINAL OF THE 6-VOLT BATTERY.
3. CONNECT A JUMPER WIRE FROM TERMINAL "A" ON THE SENSOR TO THE NEGATIVE TERMINAL OF THE 6-VOLT BATTERY.
4. CONNECT THE RED LEAD OF THE DVOM TO TERMINAL "B" ON THE SENSOR.
5. CONNECT THE BLACK LEAD OF THE DVOM TO THE NEGATIVE TERMINAL OF THE 6-VOLT BATTERY.
6. WAIT FOR THE DVOM READING TO LEVEL OFF AND NOTE THE READING.
7. CONNECT THE VACUUM HOSE TO THE VACUUM TUBE ON THE SENSOR AS SHOWN.
8. APPLY 15" VACUUM AND WATCH DVOM READING. THE DIFFERENCE BETWEEN THE FIRST AND SECOND READINGS SHOULD BE AT LEAST 1 VOLT. IF IT IS NOT, THE SENSOR IS FAULTY AND SHOULD BE REPLACED.

