

ENGINE/COOLANT TEMPERATURE SENSOR (CTS)

TOOLS REQUIRED:

- DIGITAL VOLT Ohm METER (DVOM)

2 TEST PROCEDURES REQUIRED

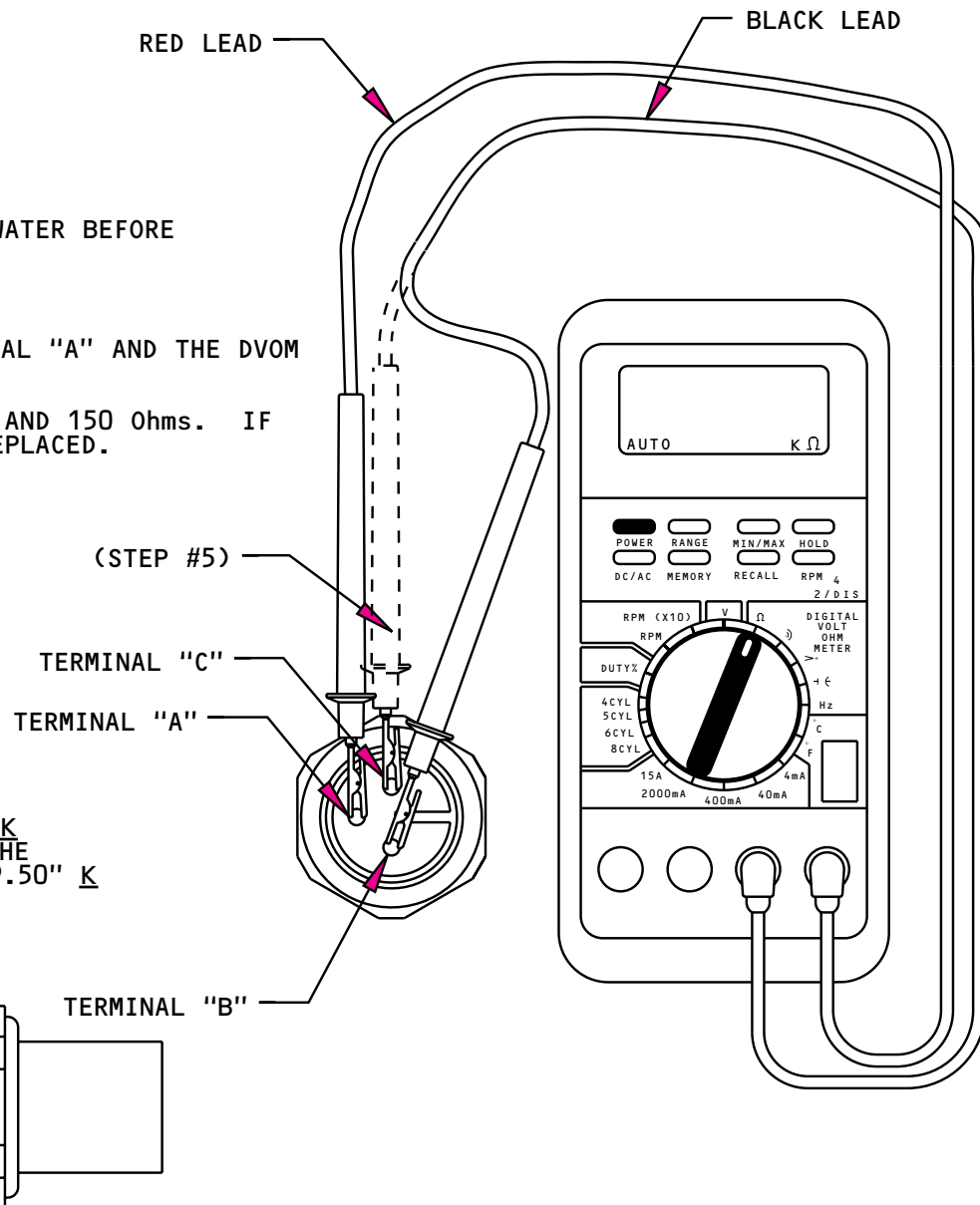
TEST PROCEDURE #1

1. IF THE SENSOR IS STILL WARM, RUN IT UNDER COLD WATER BEFORE PERFORMING THIS TEST.
2. TURN DVOM ON AND SWITCH TO "Ohm" (Ω) SETTING.
3. CONNECT THE DVOM RED LEAD TO THE SENSOR'S TERMINAL "A" AND THE DVOM BLACK LEAD TO THE SENSOR'S TERMINAL "B".
4. NOTE THE DVOM READING. IT SHOULD BE BETWEEN 50 AND 150 Ohms. IF IT IS NOT, THE SENSOR IS FAULTY AND SHOULD BE REPLACED.

TEST PROCEDURE #2

5. MOVE THE DVOM BLACK LEAD FROM THE SENSOR'S TERMINAL "B" TO TERMINAL "C".
6. NOTE THE DVOM READING.
7. WRAP YOUR HAND FIRMLY AROUND THE END OF THE SENSOR AND HOLD FOR 15 SECONDS. OBSERVE THE READING WHILE DOING THIS.
8. THE DIFFERENCE IN THE TWO DVOM READINGS ON TEST #2 SHOULD BE AT LEAST 100 Ohms. IF NOT, THE SENSOR IS FAULTY AND SHOULD BE REPLACED. (FOR EXAMPLE, IF YOUR INITIAL READING IS "9.40" K Ohms, YOUR SECOND READING AFTER FIRMLY HOLDING THE SENSOR SHOULD BE BELOW "9.30" K Ohms OR ABOVE "9.50" K Ohms).

FIRMLY WRAP
HAND HERE FOR
15 SECONDS
(STEP #7)



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