

THROTTLE POSITION SENSOR

TOOLS REQUIRED:

- SENSOR TESTER
- CODE KEY OR SCREWDRIVER
- 2 SMALL WHITE TESTER LEADS (ROUND OR FLAT)

TEST PROCEDURE

1. TURN THE SENSOR TESTER ON AND SET TO THE "SENSOR/MODULE" FUNCTION.
2. CONNECT THE SENSOR TESTER YELLOW LEAD TO THE FEMALE END OF A SMALL WHITE TESTER LEAD. CONNECT THE MALE END OF THE SMALL WHITE TESTER LEAD TO THE SENSOR'S CENTER TERMINAL (TERMINAL "B").
3. CONNECT THE SENSOR TESTER BLACK LEAD TO THE FEMALE END OF ANOTHER SMALL WHITE TESTER LEAD. CONNECT THE MALE END OF THE SMALL WHITE TESTER LEAD TO EITHER ONE OF THE SENSOR'S TWO OUTSIDE TERMINALS (TERMINAL "A" OR TERMINAL "C").
4. INSERT A CODE KEY OR SCREWDRIVER INTO THE SENSOR'S OPENING AS SHOWN IN THE DIAGRAM AND WATCH THE SENSOR TESTER'S LED LIGHT(S) WHILE SLOWLY TURNING THE CODE KEY OR SCREWDRIVER AS FAR AS IT WILL GO. THEN, SLOWLY RETURN THE CODE KEY OR SCREWDRIVER TO ITS ORIGINAL POSITION. THE LIGHT(S) SHOULD CHANGE BRIGHTNESS WITHOUT FLICKERING OFF AND ON AS YOU PERFORM THE TEST. IF IT FLICKERS OR DOES NOT CHANGE BRIGHTNESS, THE TPS IS FAULTY AND SHOULD BE REPLACED. YOU MUST TURN THE CODE KEY OR SCREWDRIVER SLOWLY TO PERFORM THE TEST CORRECTLY. IT SHOULD TAKE NO LESS THAN 5-10 SECONDS TO TURN THE CODE KEY OR SCREWDRIVER AND NO LESS THAN 5-10 SECONDS TO RETURN IT TO ITS ORIGINAL POSITION.
5. REMOVE THE SMALL WHITE TESTER LEAD FROM THE OUTSIDE TERMINAL TESTED IN STEP #3, AND CONNECT IT TO THE OTHER OUTSIDE TERMINAL (TERMINAL "A" OR TERMINAL "C") AND REPEAT STEP #4.

