

THROTTLE POSITION SENSOR

TOOLS REQUIRED:

- SENSOR TESTER
- CODE KEY OR SCREWDRIVER

TEST PROCEDURE

1. TURN THE SENSOR TESTER ON AND SET TO THE "SENSOR/MODULE" FUNCTION.
2. CONNECT THE SENSOR TESTER YELLOW LEAD TO THE SENSOR'S GREEN WIRE OR ORANGE WIRE WITH RED STRIPE, DEPENDING UPON WHICH PART NUMBER YOU ARE TESTING.
3. CONNECT THE SENSOR TESTER BLACK LEAD TO THE SENSOR'S ORANGE WIRE OR ORANGE WIRE WITH WHITE STRIPE, DEPENDING UPON WHICH PART NUMBER YOU ARE TESTING.
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 AS FAR AS IT WILL GO. THEN, SLOWLY RETURN THE CODE KEY TO ITS ORIGINAL POSITION. THE LED 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 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 TO ITS ORIGINAL POSITION.
5. MOVE THE SENSOR TESTER BLACK LEAD TO THE SENSOR'S BLACK WIRE OR BLACK WIRE WITH BLUE STRIPE, DEPENDING UPON WHICH PART NUMBER YOU ARE TESTING, AND REPEAT STEP #4.

