

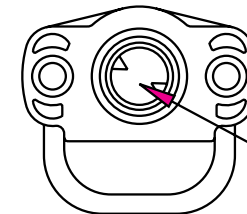
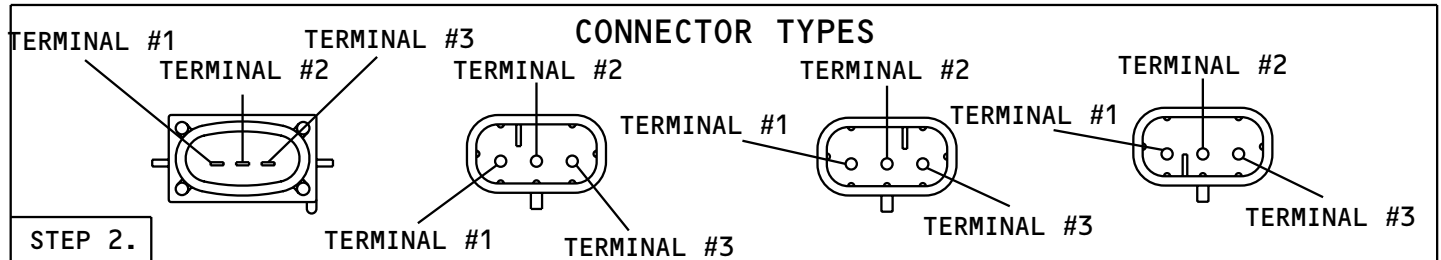
# THROTTLE POSITION SENSOR

## TOOLS REQUIRED:

- SENSOR TESTER
- CODE KEY OR SCREW-DRIVER

## TEST PROCEDURE

1. TURN THE SENSOR TESTER ON AND SET TO THE "SENSOR/MODULE" FUNCTION.
2. IDENTIFY CONNECTOR TYPE ON THIS PAGE THAT MOST CLOSELY MATCHES THE CONNECTOR ON THE SENSOR YOU ARE TESTING.
3. CONNECT THE SENSOR TESTER YELLOW LEAD TO THE SENSOR'S CENTER TERMINAL (TERMINAL #2).
4. CONNECT THE SENSOR TESTER BLACK LEAD TO EITHER ONE OF THE SENSOR'S TWO OUTSIDE TERMINALS (TERMINAL #1 OR TERMINAL #3).
5. 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 LED 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.
6. REMOVE THE SENSOR TESTER BLACK LEAD FROM THE OUTSIDE TERMINAL TESTED IN STEP #4, AND CONNECT IT TO THE OTHER OUTSIDE TERMINAL (TERMINAL #1 OR TERMINAL 3#) AND REPEAT STEP #4.



INSERT CODE KEY OR SCREWDRIVER HERE & TURN.

