

# SPEED, CAMSHAFT & CRANKSHAFT POSITION SENSOR

## TOOLS REQUIRED:

- SENSOR TESTER
- CODE KEY
- 2 SMALL WHITE TESTER LEADS (ROUND OR FLAT)  
(NOT REQUIRED FOR ALL APPLICATIONS)

## TEST PROCEDURE

1. TURN THE SENSOR TESTER ON AND SET TO THE "RELUCTANCE" FUNCTION.
2. FOR ALL 2-PIN SENSORS, CONNECT THE SENSOR TESTER YELLOW LEAD TO THE MALE END OF A SMALL WHITE TESTER LEAD AND THE FEMALE END OF THE SMALL WHITE TESTER LEAD TO EITHER ONE OF THE SENSOR'S TWO TERMINALS. CONNECT THE SENSOR TESTER BLACK LEAD TO THE MALE END OF ANOTHER SMALL WHITE TESTER LEAD AND FEMALE END OF THE SMALL WHITE TESTER LEAD TO THE SENSOR'S OTHER TERMINAL.
3. FOR ALL 3-PIN SENSORS, CONNECT AS FOLLOWS:  
SENSOR TESTER BLACK LEAD TO TERMINAL "A"  
SENSOR TESTER YELLOW LEAD TO TERMINAL "B"  
SENSOR TESTER RED LEAD TO TERMINAL "C"  
SENSOR TESTER'S OTHER RED LEAD IS NOT USED.
4. PASS THE CODE KEY OVER THE MAGNET ON THE BASE OF THE SENSOR AS SHOWN IN THE DIAGRAM. THE TWO RED LIGHTS ON THE SENSOR TESTER SHOULD FLASH ON AND THEN GO OFF AFTER YOU MOVED THE CODE KEY PAST THE MAGNET. IF THE TESTER LIGHTS DO NOT GO ON AND OFF, THE SENSOR IS FAULTY AND SHOULD BE REPLACED.

