

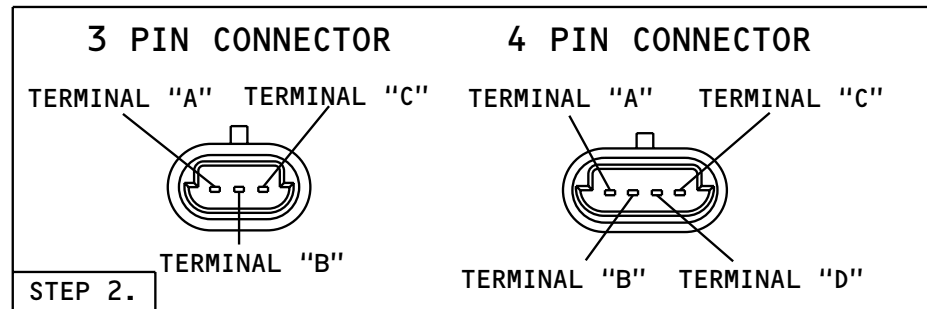
# CAMSHAFT & CRANKSHAFT POSITION SENSOR

## TOOLS REQUIRED:

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

## TEST PROCEDURE

1. TURN THE SENSOR TESTER ON AND SET TO THE "SENSOR/MODULE" FUNCTION.
2. IDENTIFY CONNECTOR STYLE ON THIS PAGE THAT MOST CLOSELY MATCHES THE CONNECTOR ON THE SENSOR YOU ARE TESTING.
3. POSITION THE SENSOR WITH THE AIR GAPS (SLOTS) ON TOP AS SHOWN IN DIAGRAM.
4. CONNECT THE SENSOR TESTER TO SENSOR AS FOLLOWS-  
 -SENSOR TESTER RED LEAD TO MALE END OF A SMALL WHITE TESTER LEAD AND THE FEMALE END OF A SMALL WHITE TESTER LEAD TO SENSOR'S TERMINAL "A".  
 -SENSOR TESTER BLACK LEAD TO MALE END OF ANOTHER SMALL WHITE TESTER LEAD AND FEMALE END OF SMALL WHITE TESTER LEAD TO SENSOR'S TERMINAL "B".  
 -SENSOR TESTER YELLOW LEAD TO MALE END OF ANOTHER SMALL WHITE TESTER LEAD AND FEMALE END OF SMALL WHITE TESTER LEAD TO SENSOR'S TERMINAL "C".
5. THE TWO RED TESTER LIGHTS SHOULD COME ON. IF THEY DO NOT, THE SENSOR IS FAULTY AND SHOULD BE REPLACED.
6. RUN THE CODE KEY THROUGH THE SECOND AIR GAP (SLOT).
7. AS THE KEY ENTERS THE AIR GAP, THE TWO RED TESTER LIGHTS SHOULD TURN OFF. IF THEY DO NOT, THE SENSOR IS FAULTY AND SHOULD BE REPLACED. THEN, AS THE KEY LEAVES THE AIR GAP, THE TESTER LIGHTS SHOULD COME ON AGAIN. IF THEY DO NOT, THE SENSOR IS FAULTY AND SHOULD BE REPLACED.
8. (ONLY APPLICABLE TO SENSORS WITH 4 PIN CONNECTORS). MOVE THE SMALL WHITE TESTER LEAD FROM TERMINAL "C" (SENSOR TESTER YELLOW LEAD) TO TERMINAL "D". REPEAT STEPS 4 THROUGH 6 EXCEPT RUN CODE KEY THROUGH THE FIRST AIR GAP.



ONE RED LEAD NOT USED

