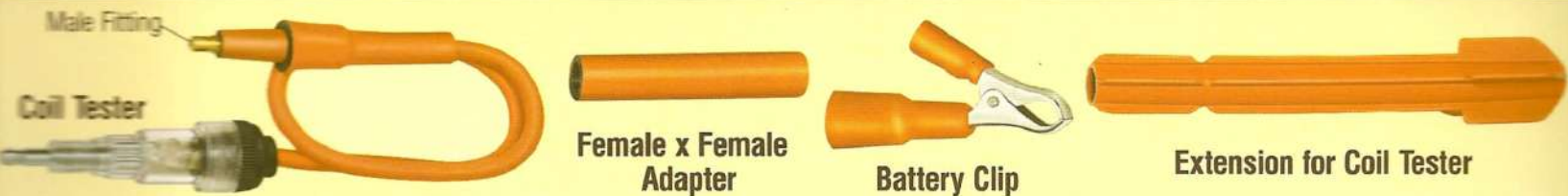


INSTRUCTIONS

CAUTION: DO NOT LET THE TESTER TOUCH ANY HOT ENGINE SURFACES (MANIFOLDS, ENGINE BLOCK, ETC.). KEEP TESTER AND YOUR BODY AWAY FROM MOVING ENGINE PARTS. TO DISCONNECT COIL FROM SPARK PLUG, REFER TO VEHICLE'S SERVICE MANUAL. WEAR SAFETY GOGGLES.

I. INSTALLATION

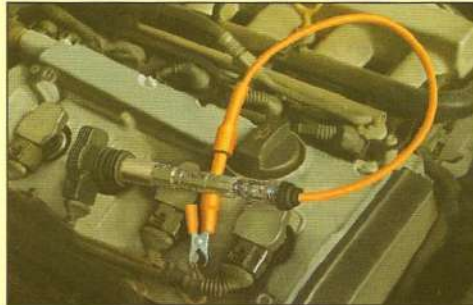


To test vehicles with recessed spark plugs:



1. Turn ignition off.
2. Remove coil from spark plug.
3. Using a twisting motion, connect appropriate end of Extension for Coil Tester onto spark plug.
4. Push the bulb end of the Coil Tester into the spark plug boot on coil.
5. Insert the male fitting of the Coil Tester wire into the exposed end of the Extension for Coil Tester.
6. Start engine.
7. Repeat above steps for all of the spark plugs.

To test coil directly to ground:



1. Connect Battery Clip to male fitting on Coil Tester.
2. Turn ignition off.
3. Remove coil from spark plug.
4. Push the bulb end of the Coil Tester into the spark plug boot on coil.
5. Securely attach Battery Clip to a good engine ground.
6. Start engine.
7. Repeat above steps for all of the spark plugs.

To test conventional ignition systems:



1. Connect Female x Female Adapter to male fitting on Coil Tester.
2. Turn ignition off.
3. Remove ignition wire from spark plug.
4. Push Female x Female Adapter onto spark plug.
5. Push the bulb end of Coil Tester into the spark plug boot.
6. Start engine.
7. Repeat above steps for all of the spark plugs.

II. TESTING

1. **CONDITION** – Engine does not start; bulb is **FLASHING**.
INTERPRETATION – The fuel system is most likely at fault.
2. **CONDITION** – Engine does not start; bulb **DOES NOT FLASH**.
INTERPRETATION – Ignition system component(s) faulty.
3. **CONDITION** – Engine starts; bulb is flashing but not at a constant rate.
INTERPRETATION – Ignition system component(s) faulty.
4. **CONDITION** – Flashes are weak and are not constant as RPM of engine is increased.
INTERPRETATION – Weak ignition system component(s).

FOR MORE TROUBLESHOOTING INFORMATION, REFER TO THE VEHICLE SERVICE MANUAL

III. BULB REPLACEMENT

USE GE PART NO. NE51H(B2A) OR EQUIVALENT.

UNSCREW KNURLED RETAINER FROM END OF CLEAR PLASTIC BODY. REMOVE BULB FROM CONTACT SPRING. REPLACE WITH NEW BULB BY SLIDING CONTACT SPRING OVER GLASS OF BULB WITH A GENTLE CLOCKWISE TWISTING MOTION. INSTALL NEW BULB AND SPRING INTO CLEAR PLASTIC BODY SO THAT BOTTOM OF BULB FACES KNURLED RETAINER. SCREW KNURLED RETAINER BACK INTO CLEAR PLASTIC BODY.

[View other diagnostic and testing tools made by SG Tool Aid on our website.](#)