

**OEM**<sup>®</sup>  
Tools for Professionals  
**Block Tester**  
**27145**

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# Block Tester

- Find and Locate Internal Combustion Leaks Quickly – Easily – Profitably
- For use on gasoline engines only – Not recommended for Diesel.

**27145**

1. Remove radiator cap and check coolant level. Siphon or drain coolant until level is 2 or 3 inches below opening. (A higher level will permit coolant to be drawn into Leak Check, contaminating the test fluid.)
2. Fill Leak Check with fluid to line
3. With engine warm and idling, push rubber cone into radiator opening and hold.
4. Squeeze and release aspirator (black) bulb for 2 minutes (unless test fluid turns YELLOW sooner.) This action draws air from cooling system and forces it through the test fluid. **IF COMBUSTION GASES ARE PRESENT IN THE COOLING SYSTEM** – as a result of a cracked head, cracked block or leaking cylinder head gasket, the test fluid will CHANGE from a BLUE or Blue Green to a YELLOW color.

#### HOW TO LOCATE LEAK

1. On V-type engines, disconnect all spark plug wires on one bank.
2. Run engine with radiator cap off for 1 or 2 minutes to purge cooling system of combustion gas.
3. Retest with Leak Check. If fluid remains BLUE or Blue Green the leak is in the non-firing bank. If test fluid turns yellow, be sure to test the other bank. It may also be leaking. To locate the exact cylinder at which the leak is occurring, check each cylinder (purging cooling system between tests) by disconnecting spark plug wires on each cylinder and retesting. Reconnect all spark plug wires to non-leaking cylinders before each test.

**INGESTION:** If ingested, drink plenty of water, do not induce vomiting and contact a physician immediately.

**INHALATION:** Avoid prolonged contact with vapors. Use in a well ventilated area. If headache or nausea occurs, get into fresh air immediately.

**EYE CONTACT:** Flush eye(s) immediately with water for at least 15 minutes and consult a physician.

**SKIN CONTACT:** Rinse skin immediately with water for at least 15 minutes. Consult a physician if irritation persists.

**PROTECTIVE EQUIPMENT:** Eye Protection: Goggles or face shield Skin Protection: Rubber or plastic gloves: Splash Protection: Plastic or rubber apron

**CAUTION:** Hot coolant and running engines can be dangerous. Be sure you understand how to safely use your tester before you run a test. See operating instructions.

**NOTICE:** Leak Check is to be used on gasoline engines only. Not for use on diesel engines.

**WARNINGS:** Keep out of reach of children



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