

## Universal cylinder leak detector tester

Reference : AC 0118



**Item name** Universal cylinder leak detector tester

**Bar code** 3700461451140

**Introduction** This device is a tool for testing cylinder tightness without opening the Engine. It's the quickest and easiest way to check engine condition. Air is injected into each cylinder through the spark plug wells, and the dial immediately indicates whether or not there is a loss of pressure. Engine compression leaks can damage valves, wear rings, crack head gaskets or crack the cylinder head.

**Text** The principle is simple. A cylinder at top dead center (TDC) with both valves closed must be completely sealed. If the cylinder doesn't hold its pressure, there's a problem. By injecting a measured quantity of pressurized air into the cylinder and observing any losses, either via the dial, visually (bubbles coming out of the expansion tank) or by ear, the Engine's state of tightness or hermeticity can be quickly assessed.

- worn rings will let air escape through the crankcase and then through the oil breather
- a defective exhaust valve will let air escape through the exhaust system
- a defective intake valve will let air escape through the carburetor or air filter
- a cracked cylinder head or damaged head gasket will allow air to escape in the form of bubbles through the expansion tank or radiator cap.

**Specifications** The adapters supplied with the cylinder leak tester fit all spark plug shafts (10, 12, 14, 18mm) and the long adapters (220mm M12, M14) are particularly useful for deep-seated spark plugs.

**Warranty period** 2 years

**Tariff code**                    Tariff Normal (TN)

**Warranty Procedure** EASY



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