



Cylinder Leak Down Test Kit

BS8002

This kit is designed to measure the percentage of leakage by using compressed air and enable the technician to isolate the cause of the problem.

Instructions

- Position the engine on TDC (Compression stroke) to ensure both the exhaust and inlet valves are in the closed position.
- Remove the air box cover, radiator cap and exhaust bung if fitted. **Do not open the radiator cap when the engine is hot.**
- Remove the spark plug and connect the appropriate connecting hose provided with the leakage kit.
- Connect the gauge assembly supplied within the kit and then the air line. **Please note air pressure must not exceed 60 psi.**
- Assess the leakage percentage, note no engine can be expected to have zero leakage. Consult the manufacturer specifications for correct valve leak tolerance.
- If the percentage is higher than tolerance or requirement the leak can be diagnosed by determining the direction the air is escaping e.g if the exhaust is releasing the air then the exhaust valve is not seating correctly.
- **Please note; the gauge unit is not a regulator. It measures the amount of flow through the unit and provides of percentage of the leakage.**



Warning

To avoid the risk of a tool breaking in use, causing injury or damage to the component being worked on, always aim to meet the relevant safety requirement.



Warning

Tool is not insulated, do not use on live electrical or high voltage circuits.



Warning

Always use eye protection while using tools



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