

# Petrol Engine Compression Testing Kit K 209

## INSTRUCTIONS FOR USE

**IMPORTANT:** For detailed and concise instructions on the correct use of this tool for a particular application always refer to the relevant Haynes or vehicle/engine manufacturer's service manual.

**SAFETY:** When carrying out an engine running test take care to avoid moving parts in the engine bay. The quick-release coupling and adaptors get very hot. Always check the hose assembly before use for any cuts or burn marks.

**ALWAYS WEAR PROTECTIVE OIL RESISTANT GLOVES AND WASH HANDS WITH SOAP AND WATER AFTERWARDS. ENGINES WORK WITH EXTREMELY HIGH PRESSURES. NEVER USE A HOSE ASSEMBLY THAT APPEARS TO BE DAMAGED.**

### IMPORTANT NOTES TO READ BEFORE USING THIS TOOL

- When carrying out a cranking test, engine fuel delivery must be prevented by either operating the engine stop lever or by disconnecting the fuel pump solenoid/relay.
- When carrying out a running test remove the fuel line from the appropriate cylinder injector to be tested and redirect the fuel into a suitable container.
- Ensure the battery is fully charged when carrying out a cranking test - as this could affect the results.

### USING THE TOOL

1. Run the engine until normal operating temperature is reached and then switch off. Then isolate ignition system.
2. Remove all sparkplugs and fit compression tester to the first cylinder in a position where it can be viewed whilst cranking.
3. Crank engine for at least eight revolutions with wide open throttle.
4. Make a note of the gauge reading.
5. Once a reading has been taken, depress the gauge relief valve to release the pressure.
6. Repeat steps until all cylinders have been tested. Compare the results to those published by the vehicle manufacturer.

KEY	DESCRIPTION
A	Compressor tester
B	M14 & M18
C	M10 & M12
D	M10 Extension
E	M12 Extension
F	M14 Extension
G	M14 Extension
H	M18 Extension
I	Service Kit

