



**Model Number: CHT694**

**Part Number: 1801694**

## **RADIATOR PRESSURE TEST KIT**

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### **SAFETY**

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**WARNING: THE WARNINGS, CAUTIONS AND INSTRUCTIONS DISCUSSED IN THIS SHEET CANNOT COVER ALL POSSIBLE CONDITIONS AND SITUATIONS THAT MAY OCCUR. IT MUST BE UNDERSTOOD THAT COMMON SENSE AND CAUTION ARE FACTORS WHICH MUST BE APPLIED BY THE OPERATOR.**

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**WARNING: ENSURE THE ENGINE AND COOLING SYSTEM HAVE COOLED DOWN BEFORE OPENING THE RADIATOR CAP.**

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1. DO NOT the use tester if damaged.
2. Operate in a well ventilated area and avoid breathing in exhaust fumes.
3. Maintain the tester in good and clean condition for best and safest performance.
4. Always keep a fire extinguisher close by that is suitable for fuel/electrical/chemical fires.
5. Wear approved eye protection. A full range of personal safety equipment is available from your CLARKE dealer.
6. Wear suitable clothing to avoid snagging. Do not wear jewellery and tie back long hair.
7. Keep yourself, tools, and test equipment away from hot engine parts.
8. DO NOT use this tool for any purpose other than that for which it is designed.
9. Account for all tools and parts being used and do not leave any in the engine bay.
10. Keep children and other unauthorised persons away from the working area.
11. Keep test kit parts clean, store parts in the carry case, and keep this in a safe, dry, childproof location.

***IMPORTANT: Always refer to the vehicle manufacturers service instructions or a proprietary manual, to establish the current procedure and data. These instructions are provided as a guide only.***

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### **MANUFACTURER LIST**

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Alfa Romeo, Audi, BMW, Citroen, Fiat, Ford, General Motors, Isuzu, Jaguar, Jeep, Land Rover, Lexus, Mazda, Mercedes Benz, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Skoda, Subaru, Suzuki, Toyota, Vauxhall, Volvo, VW.

## PREPARATION



**WARNING: ENSURE THE ENGINE AND COOLING SYSTEM HAVE COOLED DOWN BEFORE OPENING THE RADIATOR CAP.**

1. Remove the radiator cap and wipe around the radiator fitting.
2. Select the correct adaptor for the make of vehicle to be tested (the list provided overleaf is a guide only).
3. Screw the adaptor onto the radiator, checking that the rubber gasket is correctly seated.
4. Connect the radiator tester to the adaptor by pushing on the quick-release coupling until it clicks.

## CHECKING THE SYSTEM

1. Pump the pump until the gauge indicates approximately 1Bar and leave for one minute.
  - If pressure remains constant for one minute, it will indicate that the system is in good condition.
  - If the pressure falls, it indicates that the system has a leak somewhere, resulting in loss of pressure.
2. Check the system for water leaks, and when located, repair accordingly.
3. If there is pressure loss, but no visible external water leakage, check the condition of the engine head gasket.
4. Re-test the system after repair, to ensure there are no further leaks in the system and that repair is satisfactory.
5. To remove the adaptor, release the pressure by pressing the valve on the side of the coupling, then remove the quick-release coupling by pulling back on the sleeve. Remove the adaptor and re-fit the radiator cap.

## CONTENTS

NO.	DESCRIPTION
0	Temperature Gauge
1	Pressure Testing Pump c/w Gauge

NO.	SUITABLE VEHICLE
2	General Motors (GM)
3	Ford / Jeep / GM / Mercedes Benz
4	GM / Isuzu / Lexus / Mazda / Mitsubishi / Nissan / Peugeot / Subaru / Suzuki / Toyota
5	Mitsubishi / Suzuki / Toyota
6	BMW / Ford / Jaguar / Opel / Saab / Vauxhall / VW
7	Alfa Romeo / Audi / Citroen / Fiat / Jeep / Peugeot / Renault / Saab / Volvo
8	VW
9	Audi / BMW / Seat / Skoda / VW
10	BMW
11	Audi / VW
12	Ford / GM / Jaguar / Land Rover / Opel / Vauxhall
13	Mercedes Benz

