



COOLANT CIRCUIT LEAK TEST KIT

User manual

jaltest.com

 **cojali**

INNOVATION & TECHNOLOGY



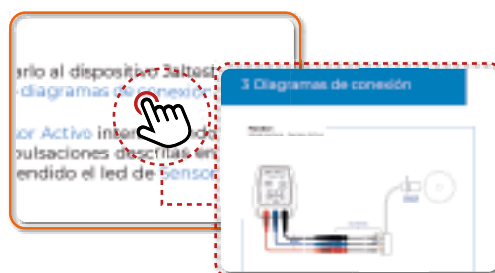
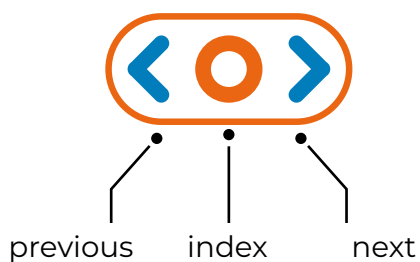
COOLANT CIRCUIT LEAK TEST KIT

User manual



INNOVATION & TECHNOLOGY

Easy navigation



Access faster
any content
you need by
clicking



Index

Index	3
INTRODUCTION	4
1.1 DESCRIPTION	4
1.2 APPLICATIONS	4
1.3 MAIN COMPONENTS	4
2.1 INITIAL CONDITIONS	5
2.2 CONNECTION	5
2.3 TESTING	5
2.4 INSPECTION	5
INSTRUCTIONS FOR USE	5
SAFETY WARNINGS	6
EQUIPMENT MAINTENANCE	6

1 INTRODUCTION

1.1 DESCRIPTION

Kit 50007006 is designed to check the sealing of the engine coolant circuit by means of controlled pressurisation of the circuit. It enables the detection of external leaks, pressure decreases and possible faults in components of the cooling system.

1.2 APPLICATIONS

This applies to all types of vehicles, but it depends on the type of coolant tank cap.

1.3 MAIN COMPONENTS

- Manual pressurisation pump
- Pressure control gauge
- Adapters for different caps and tanks
- Connection hose
- Storage suitcase





2 INSTRUCTIONS FOR USE

2.1 INITIAL CONDITIONS

1. Park the vehicle on a flat surface.
2. Switch off the engine.
3. Wait for the cooling system to cool down completely.
4. Check the coolant level.

2.2 CONNECTION

1. Remove the cap from the radiator or expansion tank.
2. Select the correct adapter.
3. Screw the adapter onto the circuit.
4. Connect the pressurisation pump to the adapter.

2.3 TESTING

1. Pump slowly until the pressure recommended by the vehicle manufacturer is reached. Usually a pressure of around 1 bar is sufficient.
2. Do not exceed the specified maximum pressure.
3. Maintain the pressure for 5–10 minutes.
4. Check the pressure gauge.

2.4 INSPECTION

- If the pressure remains stable, the circuit is airtight.
- If the pressure decreases, there is a leakage. Check:
 - The radiator.
 - The sleeves.
 - The clamps.
 - The water pump.
 - The heat exchangers.
 - Expansion tank.
 - Connections and gaskets.



3 SAFETY WARNINGS

- Do not use whilst the engine is hot.
- Do not open the circuit whilst there is residual pressure.
- Wear safety goggles and gloves.
- Do not exceed the pressure recommended by the manufacturer.
- Keep the equipment in perfect condition, clean and free from contaminants.
- Replace any damaged adaptors or hoses before use.

4 EQUIPMENT MAINTENANCE

- Clean the components after each use.
- Check the condition of seals and connections regularly.
- Store the equipment in its original case.
- Avoid knocking the pressure gauge.

●.cojali

Jaltest.com
cojali.com

2026 V1 EN

