

MOTORAD 3124

MotoRad 3124 Radiator Cap Adapter Instruction Manual

INTRODUCTION

The MotoRad 3124 Radiator Cap Adapter is a professional-grade tool designed to facilitate the testing of automotive cooling system caps. This adapter is specifically engineered for use with MotoRad 9300 and MT-300 cooling system pressure testers, ensuring accurate pressure readings and proper functionality of radiator caps. Constructed from durable metal, it provides a reliable connection for diagnostic procedures.

SETUP INSTRUCTIONS

Before using the MotoRad 3124 Radiator Cap Adapter, ensure you have a compatible MotoRad 9300 or MT-300 cooling system pressure tester. The adapter is designed for a secure, leak-free connection to these testers.

- Inspect the Adapter:** Visually inspect the MotoRad 3124 adapter for any signs of damage, wear, or debris that could compromise its seal or function. Ensure all surfaces are clean.
- Connect to Pressure Tester:** Attach the MotoRad 3124 adapter to the appropriate port on your MotoRad 9300 or MT-300 cooling system pressure tester. Follow the specific connection instructions provided with your pressure tester to ensure a tight and secure fit.
- Prepare Radiator Cap:** Ensure the radiator cap to be tested is clean and free from any coolant residue or foreign material on its sealing surfaces.



Image: The MotoRad 3124 Radiator Cap Adapter shown from an angled perspective, highlighting its red metal construction and connection points for a pressure tester.

OPERATING INSTRUCTIONS

Once the adapter is securely connected to the pressure tester, you can proceed with testing the radiator

cap.

1. **Attach Radiator Cap:** Carefully place the radiator cap onto the MotoRad 3124 adapter. Ensure the cap is seated correctly and securely, mimicking how it would sit on a radiator neck.
2. **Perform Pressure Test:** Operate your MotoRad 9300 or MT-300 pressure tester according to its specific instructions to apply pressure to the radiator cap through the adapter. Observe the pressure gauge on the tester.
3. **Evaluate Results:** Compare the pressure at which the cap opens or leaks against the manufacturer's specifications for that particular radiator cap. A cap that opens too early or fails to hold pressure indicates a fault.
4. **Release Pressure and Remove:** After testing, release the pressure from the system as per your pressure tester's instructions. Carefully remove the radiator cap from the adapter, then disconnect the adapter from the pressure tester.



Image: A top-down view into the opening of the MotoRad 3124 Radiator Cap Adapter, illustrating the internal design where a radiator cap would be seated for testing.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your MotoRad 3124 Radiator Cap Adapter.

- **Cleaning:** After each use, wipe the adapter clean with a soft, dry cloth to remove any coolant residue or dirt. Avoid using harsh chemicals or abrasive materials that could damage the metal finish.
- **Inspection:** Regularly inspect the adapter for any signs of wear, cracks, or deformation, particularly around the sealing surfaces. If any damage is observed, the adapter should be replaced to ensure accurate testing.
- **Storage:** Store the adapter in a clean, dry environment, away from extreme temperatures and direct sunlight. Keeping it in its original packaging or a dedicated tool case can protect it from damage.

TROUBLESHOOTING

If you encounter issues while using the MotoRad 3124 Radiator Cap Adapter, consider the following:

- **Inaccurate Readings:** If pressure readings seem incorrect, ensure the adapter is securely attached to both the pressure tester and the radiator cap. Check for any leaks around the connections. Inspect the radiator cap itself for damage or wear that might prevent a proper seal.
- **Difficulty Attaching Cap:** Ensure the radiator cap is correctly aligned with the adapter. Do not force the cap onto the adapter, as this could cause damage to either component. Verify that the cap is the correct type for testing with this adapter.
- **Adapter Leaks:** If the adapter itself appears to be leaking, inspect its body for cracks or damage. Ensure the connection to the pressure tester is tight. If the adapter is damaged, it must be replaced.

SPECIFICATIONS

Brand	MOTORAD
Model Number	3124
Material	Metal
Colour	Red
Item Dimensions (L x W x H)	7.6 x 7.6 x 8.3 centimetres
UPC	055644031248

WARRANTY INFORMATION

This product is covered by the manufacturer's standard warranty. For specific details regarding warranty coverage, duration, and claims procedures, please refer to the documentation provided with your purchase or contact MotoRad customer service directly. Keep your proof of purchase for warranty validation.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries regarding parts and service, please contact MotoRad customer support. Contact information can typically be found on the product packaging or the official MotoRad website.

