

THERMAGASKET

THERMAGASKET Extreme Duty Head Gasket Sealer &
Block Repair Manual

Model: THERMAGASKET

INTRODUCTION

The THERMAGASKET Extreme Duty Head Gasket Sealer & Block Repair is a two-part system designed for permanent repair of blown head gaskets, cracked engine blocks, and cracked heads in large-capacity gas and diesel engines (7+ gallons). This product creates a high-temperature seal, preventing coolant loss and protecting the engine from overheating damage. It is formulated to be non-clogging and safe for all engine materials, including aluminum, cast iron, alloys, and plastic components.



Image: The THERMAGASKET Extreme Duty Head Gasket Sealer kit, featuring two bottles (Part A and Part B) and highlighting key benefits such as fast action, extreme heat sealing, and cost savings.

Key features include:

- Fixes major leaks in under 10 minutes with a fast-acting, high-temperature seal.
- Engineered for large gas and diesel engines, handling high pressures.
- Provides a permanent fix, potentially saving significant repair costs.
- Heat-responsive formula actively seeks out and seals hot spots, preventing future leaks.
- 100% safe for all engine materials, non-clogging and non-damaging.

ENGINEER-APPROVED SEALANT TECHNOLOGY

**PATENTED FORMULA WORKS ON ALL
ENGINE TYPES.**

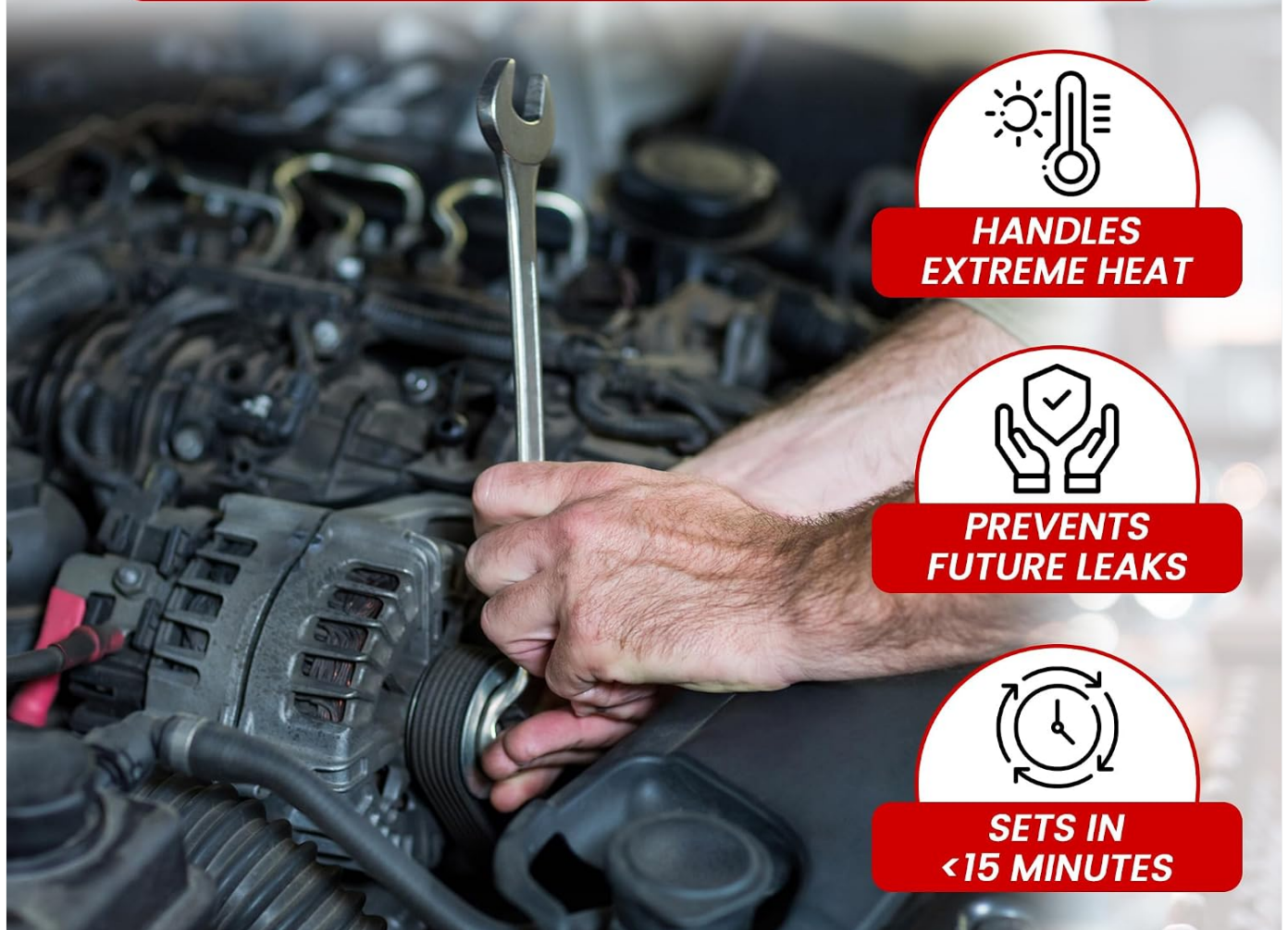


Image: An engine bay illustrating the advanced sealant technology of THERMAGASKET, emphasizing its ability to handle extreme heat, prevent future leaks, and set quickly.

SAFETY INFORMATION

Always wear appropriate personal protective equipment, including gloves and eye protection, when handling engine fluids and chemicals. Ensure adequate ventilation in the work area. Keep out of reach of children and pets. Refer to the product label for specific hazard warnings and first aid instructions.

SETUP AND PREPARATION

1. **Engine Cool-Down:** Ensure the engine is completely cool before starting the repair process.
2. **Drain Coolant:** Completely drain the existing coolant from the cooling system. Dispose of old coolant responsibly according to local regulations.
3. **Flush Cooling System:** Flush the cooling system thoroughly with clean water until all old coolant and contaminants

are removed. This is crucial for the sealant to work effectively.

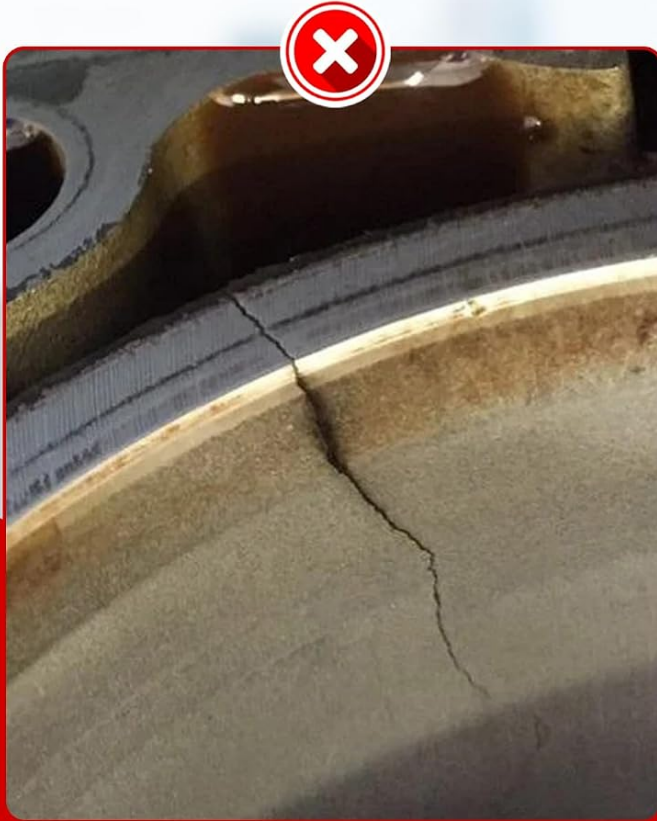
4. **Remove Thermostat:** For optimal circulation, remove the thermostat from the engine. This allows the sealant to flow freely throughout the system.
5. **Check Oil Level:** Ensure the engine oil level is correct and that the oil is not contaminated with coolant. If oil is contaminated, address the issue before applying the sealant.

OPERATING INSTRUCTIONS

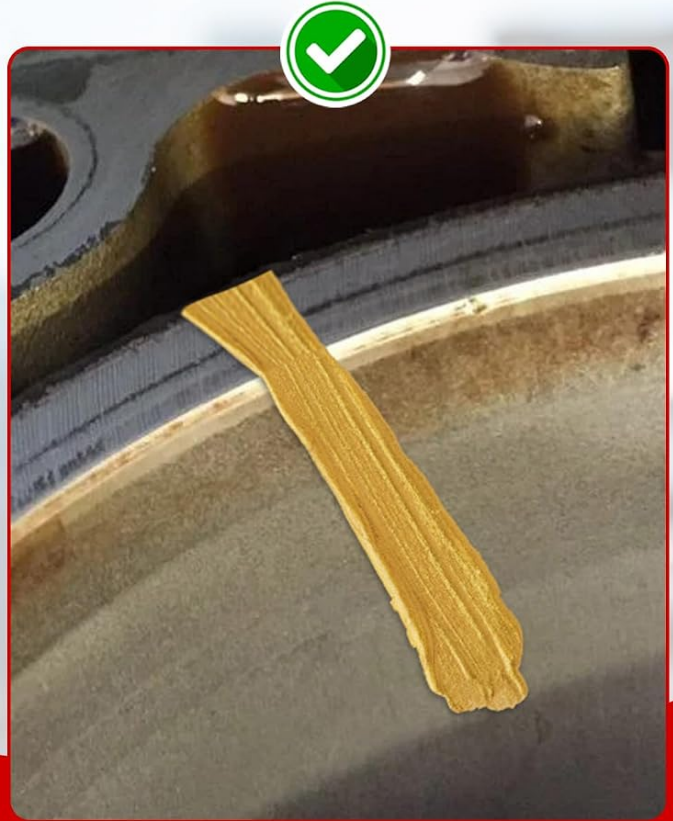
Follow these steps carefully for effective application of THERMAGASKET Extreme Duty Head Gasket Sealer:

1. **Shake Bottles:** Vigorously shake both Part A (Base) and Part B (Catalyst) bottles for at least 30 seconds each to ensure the contents are thoroughly mixed.
2. **Add Part A:** Pour the entire contents of Part A (Base) directly into the radiator. If direct access to the radiator is not possible, pour into the overflow reservoir.
3. **Add Part B:** Immediately after adding Part A, pour the entire contents of Part B (Catalyst) into the radiator or overflow reservoir.
4. **Refill with Water:** Top off the cooling system with clean water until it is full.
5. **Start Engine:** Start the engine and allow it to idle for 10 minutes. Ensure the heater is set to maximum heat and the fan is on high. This helps circulate the product and activate the sealing process.
6. **Monitor Temperature:** Closely monitor the engine temperature gauge during this period to prevent overheating.
7. **Drive Vehicle:** After 10 minutes of idling, drive the vehicle for approximately 15-20 minutes under normal operating conditions. This further aids in the sealing process by exposing the product to varying temperatures and pressures.
8. **Cool Down and Check:** Allow the engine to cool completely. Check the coolant level and top off with water if necessary.
9. **Reinstall Thermostat:** Once the repair is complete and the engine has cooled, reinstall the thermostat.
10. **Refill with Coolant:** Drain the water and refill the cooling system with the appropriate engine coolant for your vehicle.

BONDS TO METAL PLASTIC AND RUBBER & NO DISASSEMBLY!



BEFORE
*LEAKING = OVERHEATING,
COSTLY REPAIRS*



AFTER
*SEALED = SAFE, RELIABLE
AND AFFORDABLE*

Image: A visual comparison showing a cracked engine block before treatment and the same area after being sealed with THERMAGASKET, demonstrating the product's ability to bond to metal, plastic, and rubber without disassembly.

MAINTENANCE

After successful application of THERMAGASKET, ongoing maintenance involves routine checks of your cooling system and engine. The product is designed for a permanent seal and to prevent future leaks by targeting hot spots. However, regular vehicle maintenance practices should still be followed:

- **Regular Coolant Level Checks:** Periodically check your coolant level to ensure it remains stable.
- **Temperature Monitoring:** Pay attention to your engine's temperature gauge during operation.
- **Visual Inspections:** Occasionally inspect the engine bay for any signs of new leaks or fluid loss.
- **Adhere to Manufacturer's Service Schedule:** Continue to follow your vehicle manufacturer's recommended service intervals for all other engine components.

TROUBLESHOOTING

If the leak persists or new issues arise after application, consider the following troubleshooting steps:

- **Incomplete Flush:** Ensure the cooling system was thoroughly flushed before application. Residual old coolant or contaminants can hinder the sealant's effectiveness. Repeat the flush process if necessary.
- **Thermostat Removal:** Verify that the thermostat was removed during the application process to allow proper circulation.
- **Severe Damage:** While THERMAGASKET is designed for extreme duty, very large cracks or severely warped components might require mechanical repair. This product is intended for sealing leaks, not rebuilding severely damaged engine components.
- **Application Errors:** Review the operating instructions to ensure all steps, including shaking the bottles, proper pouring, and engine run times, were followed precisely.
- **Persistent Clogging:** Although the formula is non-clogging, if you experience issues with the cooling system becoming blocked, it may indicate pre-existing debris or an extremely severe leak that has caused the product to solidify in an undesirable location. In such cases, a professional mechanic should be consulted.

For issues not resolved by these steps, professional automotive diagnosis and repair may be necessary.

SPECIFICATIONS

Product Details

Brand	Generic
Model	THERMAGASKET
Manufacturer	RxAuto
Item Model Number	THERMAGASKET
Capacity	48 oz Kit (32 oz Part A Base, 16 oz Part B Catalyst)
Engine Compatibility	Large Gas & Diesel Engines (7+ Gallon Capacity)
Seal Type	Permanent, High-Temperature Seal
Material Compatibility	Safe for all engine materials including aluminum, cast iron, alloys, and plastic.

What's in the Box:

- 32 oz Extreme Duty Formula Part A Base
- 16 oz Part B Catalyst

WARRANTY AND SUPPORT

Specific warranty information for the THERMAGASKET Extreme Duty Head Gasket Sealer is not provided in the product details. For warranty inquiries, please contact the manufacturer, RxAuto, directly.

For technical support or further assistance with product application, please reach out to the manufacturer's customer service department. Contact details are typically available on the product packaging or the manufacturer's official website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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