

Please read and save these instructions. Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.



COMBUSTION LEAK DETECTOR FLUID – 8 OZ.

FOR CUSTOMER SERVICE

Technical Question?

CALL 1-866-458-2472

customerservice@oem-tools.com

UNPACKING

After unpacking the unit, inspect carefully for any damage that may have occurred during transit. Check for loose, missing, or damaged parts. If any damage is observed, a shipping damage claim must be filed with the carrier. DO NOT use the OEMTOOLS® 25739 Combustion Leak Detector Fluid if broken, bent, cracked or damaged parts (including labels) are noted. Any Leak Detector Fluid that appears damaged in any way, operates abnormally or is missing parts should be removed from service immediately. If you suspect that the Leak Detector Fluid was subjected to shock load (a load that was dropped suddenly, unexpectedly, etc.), immediately discontinue use until it has been checked by a factory authorized service center.



⚠ WARNING

The following safety information is provided as a guideline to help you operate your Leak Detector Fluid under the safest possible conditions. Any tool or piece of equipment can be potentially dangerous to use when safety or safe handling instructions are not known or not followed. The following safety instructions are to provide the user with the information necessary for safe use and operation. Please read and retain these instructions for the continued safe use of your Leak Detector Fluid. Failure to follow instructions listed below may result in serious injury. In addition, make sure that anyone who uses the equipment understands and follows these safety instructions as well.

Explanation of Safety Signal Words

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTES: Provide clarity and helpful information.

Thank you very much for choosing an OEMTOOLS® Product!

For future reference, please register your new tool at www.oem-tools.com and complete the owner's record below:

Model: _____ **Purchase Date:** _____

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it. This product is designed for certain applications only. OEMTOOLS® cannot be responsible for issues arising from modification. We strongly recommend this product is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the product until you have first contacted customer service to determine if it can or should be performed on the product.

⚠ WARNING: This product can expose you to chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



COMBUSTION LEAK DETECTOR FLUID – 8 OZ.



IMPORTANT INSTRUCTIONS AND SAFETY RULES

1. Know your product. Read this manual carefully. Learn the product's applications and limitations, as well as potential hazards specific to it.
2. Keep work area clean and well lit. Cluttered or dark work areas invite accidents.
3. Keep children away. All children should be kept away from the work area. Never let a child handle tools or equipment without strict adult supervision.
4. DO NOT operate this product if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, DO NOT attempt to operate.
5. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses. Dust mask, non-skid safety shoes, hard hat or hearing protection should be used in appropriate conditions.
6. Wear proper apparel. Loose clothing, gloves, neck-ties, rings, bracelets or other jewelry may present a potential hazard when operating this product. Keep all apparel clear of the product.
7. DO NOT overreach. Keep proper footing and balance at all times when operating this product.
8. Check for damage. Check equipment regularly. If part of the product is damaged, it should be carefully inspected to make sure that it can perform its intended function correctly. If in doubt, discontinue use of product.
9. Keep away from flammables. DO NOT attempt to operate this product near flammable materials or combustibles. Failure to comply may cause serious injury or death.
10. Store this product out of the reach of children and untrained persons. This product may be dangerous in the hands of untrained users.
11. Keep this product dry and clean.
12. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one product may become hazardous when used on another product.
13. Service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
14. When servicing a product, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of injury.
15. Maintain a safe working environment. Keep the work area well lit. Make sure there is adequate surrounding workspace. Keep the work area free of obstructions, grease, oil, trash, and other debris. Do not use this product in a damp or wet location.
16. Maintain labels and nameplates on this product. These carry important information. If unreadable or missing, contact OEMTOOLS® for a replacement.
17. Keep this product dry, clean, and free from brake fluid, oil, and grease.
18. Avoid accidental fire. DO NOT smoke near this product.
19. The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

20. We believe the information contained herein to be reliable. However, general technical information is given by us without charge and the user shall employ such information at their own discretion and risk. We assume no responsibility for results or damages incurred from the use of such information in whole or in part.
21. The manufacturer declines any and all responsibility for property damage or injury if said damage is the result of unskillful handling by the operator or of failure to observe the basic safety rules set forth in the instruction manual.
22. The procedures documented in this manual are to serve as guidelines for the use of this equipment.
23. The use of this equipment is simple and straightforward if you follow the instructions. When operating this equipment, use common sense, and only use this equipment for its intended purpose.

PRODUCT DESCRIPTION

The OEMTOOLS® 25739 Combustion Leak Detector Fluid is designed for use with the OEMTOOLS® 27145 Combustion Leak Detector (or other combustion leak detectors) to determine if exhaust gases are present in the cooling system.

PRODUCT SPECIFICATIONS

Volume	8 Fl. Oz.
Applications	Gasoline Engines
Testers	OEMTOOLS® 27145 Combustion Leak Detector and other Combustion Leak Detectors
Color	Blue

CONTENTS

(1) 8 Oz. Combustion Leak Detector Fluid, (1) Instruction Manual

SPECIFIC SAFETY INSTRUCTIONS AND WARNINGS

⚠ WARNING: Thoroughly read instructions prior to use.

⚠ WARNING: DO NOT open system while hot. Hot and pressurized coolant can cause severe burns.

⚠ WARNING: For use in a well-ventilated area. If headache or nausea occurs, cease use and get fresh air immediately.

⚠ WARNING: Always wear eye protection. If Combustion Leak Detector Fluid contacts eye(s), flush eye(s) with water for 15 minutes and seek medical attention immediately.

⚠ WARNING: Always wear gloves and protective clothing while handling Combustion Leak Detector Fluid. If fluid contacts skin, rinse skin with water for 15 minutes and seek medical attention if irritation persists.

⚠ WARNING: Be cautious of belts and other moving parts while performing engine service. Failure to do so may cause property damage, personal injury or death.

⚠ WARNING: If Combustion Leak Detector Fluid is ingested, drink plenty of water and seek medical attention immediately. DO NOT attempt to induce vomiting.



COMBUSTION LEAK DETECTOR FLUID – 8 OZ.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

1. Chemical Goggles are recommended while using this product. If a visible accumulation of dust and debris have accumulated in the workspace, tightly-fitted goggles are recommended.
2. Protective nitrile, latex or other chemical resistant rubber gloves should be worn while working with Combustion Leak Detector Fluid.
3. So long as proper ventilation practices are employed, a respirator is not normally needed. If a visible accumulation of dust and debris have accumulated in the workspace, a NIOSH/MSHA approved respirator is recommended.
4. Normal work clothing is recommended: a fitted long-sleeved shirt, long pants without holes, and protective boots. Excessively loose-fitted or oversized clothing could become trapped within moving parts of the engine.

INSTRUCTIONS

IMPORTANT: The provided usage instructions are based on the OEMTOOLS® 27145 Combustion Leak Detector and may not extend to every leak detector/testing mechanism. For proper use and combustion leak detection, it is necessary that you read and understand the leak detector manufacturer manual. There are many other leak detector designs and methods that cannot be discussed in this manual. By using this fluid, the operator has accepted the risk that this fluid may not be compatible with the chosen leak detector. OEMTOOLS® cannot be held responsible for damage to testing equipment or other property damage as a result of misuse.

NOTE: This Combustion Leak Detector Fluid is not designed for use with diesel engines. In order to test for combustion leaks on a diesel engine, a different chemical is needed for reaction to occur.

CAUTION: Ensure the vehicle is not in gear. Apply the emergency brake and firmly block all four tires before testing.

1. Slowly open the radiator cap to release pressure and remove cap.

⚠ WARNING: Allow the engine to cool. Hot and pressurized coolant can cause severe burns.

2. The rubber cone at the base of the detector must create a seal within the radiator filler neck without contacting the coolant. If the coolant level is too high, drain or siphon coolant until approximately 2-3 inches below the filler neck opening. If the coolant level is altered, allow the engine to idle for 5 minutes before proceeding.

NOTE: If the coolant level contacts the base of the detector, coolant will enter the detector and contaminate the leak detector fluid.

3. Pour the Combustion Leak Detector Fluid into the top of the chamber to the designated fill point.
4. While the engine is running, press the rubber cone at the base of the detector into the radiator opening and hold the detector in place. Press the rubber end of the aspirator into the top of the detector.
5. Slowly squeeze the aspirator for 2 minutes or until the test fluid changes color. A suction will be created, pulling air from the cooling system up through the test fluid (bubbles should rise through the test fluid as the aspirator is released).
6. Combustion Leak Test Results:
 - a. Fluid remains blue – No combustion leak present
 - b. Fluid changes to green/yellow – Combustion leak present

STORAGE

Store the Leak Detector Fluid in an upright position and in a clean, dry area. DO NOT store near flammable items or open flames.

DISPOSAL

At the end of the useful life of the OEMTOOLS® 25739 Combustion Leak Detector Fluid, dispose of the components in accordance with all federal, state and local regulations.



COMBUSTION LEAK DETECTOR FLUID – 8 OZ.

CONTACT US

3580 E. Raines Road, Suite 3, Memphis, TN 38118
Tel: 1-866-458-2472
www.oem-tools.com