

OEMTOOLS 25052

OEMTOOLS 25052 Air Conditioning/Fuel Line Disconnect Tool Set User Manual

Model: 25052 | Brand: OEMTOOLS

INTRODUCTION

The OEMTOOLS 25052 Air Conditioning/Fuel Line Disconnect Tool Set is designed to facilitate the quick and easy disconnection of fuel and AC lines in automotive systems. This set provides a fast and efficient method for servicing air conditioning and fuel systems, preventing damage to components during removal. The tools are constructed from non-spark plastic for safety and are color-coded for easy identification of sizes.

IMPORTANT SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including safety glasses, when working on automotive systems.
- Ensure the vehicle's engine is off and cool before attempting any work on fuel or AC lines.
- Be aware of residual pressure in AC and fuel systems. Consult vehicle-specific service manuals for proper depressurization procedures.
- Work in a well-ventilated area, especially when dealing with fuel systems.
- Keep tools clean and free of debris to ensure proper function and prevent contamination.
- Do not use excessive force. If a line does not disconnect easily, re-evaluate the procedure or consult a professional.

PACKAGE CONTENTS

The OEMTOOLS 25052 Air Conditioning/Fuel Line Disconnect Tool Set includes the following:

- One (1) 5/16" Fuel/AC Line Disconnect Tool
- One (1) 3/8" Fuel/AC Line Disconnect Tool
- One (1) 1/2" Fuel/AC Line Disconnect Tool

- One (1) 5/8" Fuel/AC Line Disconnect Tool
- One (1) 3/4" Fuel/AC Line Disconnect Tool
- One (1) 7/8" Fuel/AC Line Disconnect Tool



Image: The complete OEMTOOLS 25052 Air Conditioning/Fuel Line Disconnect Tool Set, showing all six color-coded tools.

SETUP

The OEMTOOLS 25052 tools require minimal setup. Before use, ensure the tools are clean and free of any debris. Identify the correct size tool for the line you intend to disconnect. The tools are color-coded for quick size identification:

5/16"

3/8"

1/2"

5/8"

3/4"

7/8"



Image: A closer view of the disconnect tools, highlighting their distinct colors and sizes for easy selection.

OPERATING INSTRUCTIONS

These tools are designed for quick and easy disconnection of spring-lock couplings found on many automotive AC and fuel lines. Follow these steps for proper use:

1. **Prepare the Line:** Ensure the system is depressurized and any necessary safety precautions are taken. Clean the area around the coupling to prevent debris from entering the system.
2. **Select the Correct Tool:** Choose the tool that matches the size of the line you are disconnecting. The tools are marked with their respective sizes (e.g., 5/16", 3/8").
3. **Insert the Tool:** Slide the appropriate disconnect tool over the line and push it into the female connector of the coupling. The tool's design will compress the garter spring inside the fitting.
4. **Separate the Coupling:** While holding the tool firmly in place, pull the male connector (the line) away from the female connector. The tool will hold the garter spring open, allowing the line to separate.
5. **Remove the Tool:** Once the line is disconnected, remove the tool from the line.



Image: A close-up of one of the disconnect tools, illustrating its design for engaging with quick-disconnect fittings.

To ensure the longevity and proper function of your OEMTOOLS disconnect tool set, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe the tools clean with a dry cloth to remove any oil, grease, or debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Storage:** Store the tools in a clean, dry place, preferably in their original packaging or a tool roll/box to prevent loss and damage.
- **Inspection:** Periodically inspect each tool for signs of wear, cracks, or damage. Although made of durable plastic, excessive force or improper use can cause damage. Replace any damaged tools immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Line does not disconnect.	Incorrect tool size used.	Ensure you are using the correct size tool for the line. Refer to vehicle service manual for line sizes.
Line is stuck or difficult to remove.	Corrosion or debris in the coupling; residual pressure in the system.	Clean the coupling thoroughly. Ensure the system is fully depressurized. Apply penetrating oil if corrosion is present.
Tool slips or does not engage.	Tool is damaged or worn; improper insertion angle.	Inspect the tool for damage and replace if necessary. Ensure the tool is inserted straight and fully into the coupling.

SPECIFICATIONS

Feature	Detail
Model Number	25052
Brand	OEMTOOLS
Material	Blend (Non-spark plastic construction)
Sizes Included	5/16", 3/8", 1/2", 5/8", 3/4", 7/8"
Item Weight	0.8 ounces
Product Dimensions (L x W x H)	8.6 x 4 x 0.8 inches
Country of Origin	China

WARRANTY AND SUPPORT

This OEMTOOLS product is covered by an **OEMTOOLS Limited Lifetime Warranty**. For detailed warranty information, claims, or technical support, please visit the official OEMTOOLS website or contact their customer service department. Keep your purchase receipt as proof of purchase. For further assistance, you may also refer to the [OEMTOOLS Store on Amazon](#).

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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