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› OEMTOOLS 24687 Serpentine Belt Tool Set User Manual

OEMTOOLS 24687

OEMTOOLS 24687 Serpentine Belt Tool Set

Model: 24687 | Brand: OEMTOOLS

INTRODUCTION

The OEMTOOLS 24687 Serpentine Belt Tool Set is an essential kit designed for efficient maintenance and replacement of serpentine belts in various automotive applications. This comprehensive set provides the necessary tools to release spring pressure and remove tensioner pulleys, simplifying a traditionally complex task. Its robust construction and thoughtful design ensure durability and ease of use in tight engine compartments.

SAFETY INFORMATION

WARNING: This product can expose you to chemicals which are known to the State of California to cause cancer or reproductive defects. For more information, please visit www.P65WARNINGS.ca.gov.

Always wear appropriate personal protective equipment, such as safety glasses and gloves, when working with automotive tools and components. Ensure the vehicle is stable and properly supported before beginning any work. Refer to your vehicle's service manual for specific procedures and safety precautions.

PRODUCT COMPONENTS



The complete OEMTOOLS 24687 Serpentine Belt Tool Set, including the handle, adapters, and sockets.

LONGER HANDLE FOR ***LEVERAGE AND EXTRA TORQUE***



The extended handle provides superior leverage and torque for stubborn tensioners.

The OEMTOOLS 24687 Serpentine Belt Tool Set is a 7-piece kit designed for comprehensive serpentine belt maintenance. It includes:

- **3/8 inch Drive Steel Handle:** The primary tool for applying leverage.
- **1/2 inch Drive Adapter:** For use with 1/2 inch drive sockets or tensioners.
- **3/8 inch Drive Adapter:** For use with 3/8 inch drive sockets or tensioners.
- **4 Shallow Sockets:**
 - 13 mm Socket
 - 15 mm Socket
 - 16 mm Socket
 - 18 mm Socket

**INCLUDES:
2 ADAPTERS**



The set includes both 3/8 inch and 1/2 inch drive adapters for broad compatibility.

INCLUDES: 4 SHALLOW SOCKETS



Four shallow sockets (13mm, 15mm, 16mm, 18mm) are provided for common applications.

SETUP

Before using the tool set, ensure you have identified the correct size tensioner pulley bolt on your vehicle. Select the appropriate socket (13mm, 15mm, 16mm, or 18mm) and the corresponding drive adapter (3/8 inch or 1/2 inch).

1. Identify the drive size required by your vehicle's tensioner pulley.
2. Select either the 3/8 inch or 1/2 inch drive adapter.
3. Insert the chosen adapter into the square drive opening on the end of the main handle. Ensure it is securely seated.
4. Attach the correct size shallow socket to the adapter.
5. The tool is now ready for use.



DESIGNED TO CHANGE
ANGLES FOR
***BETTER
REACH***

The handle's design allows for angle adjustments, improving reach in confined spaces.

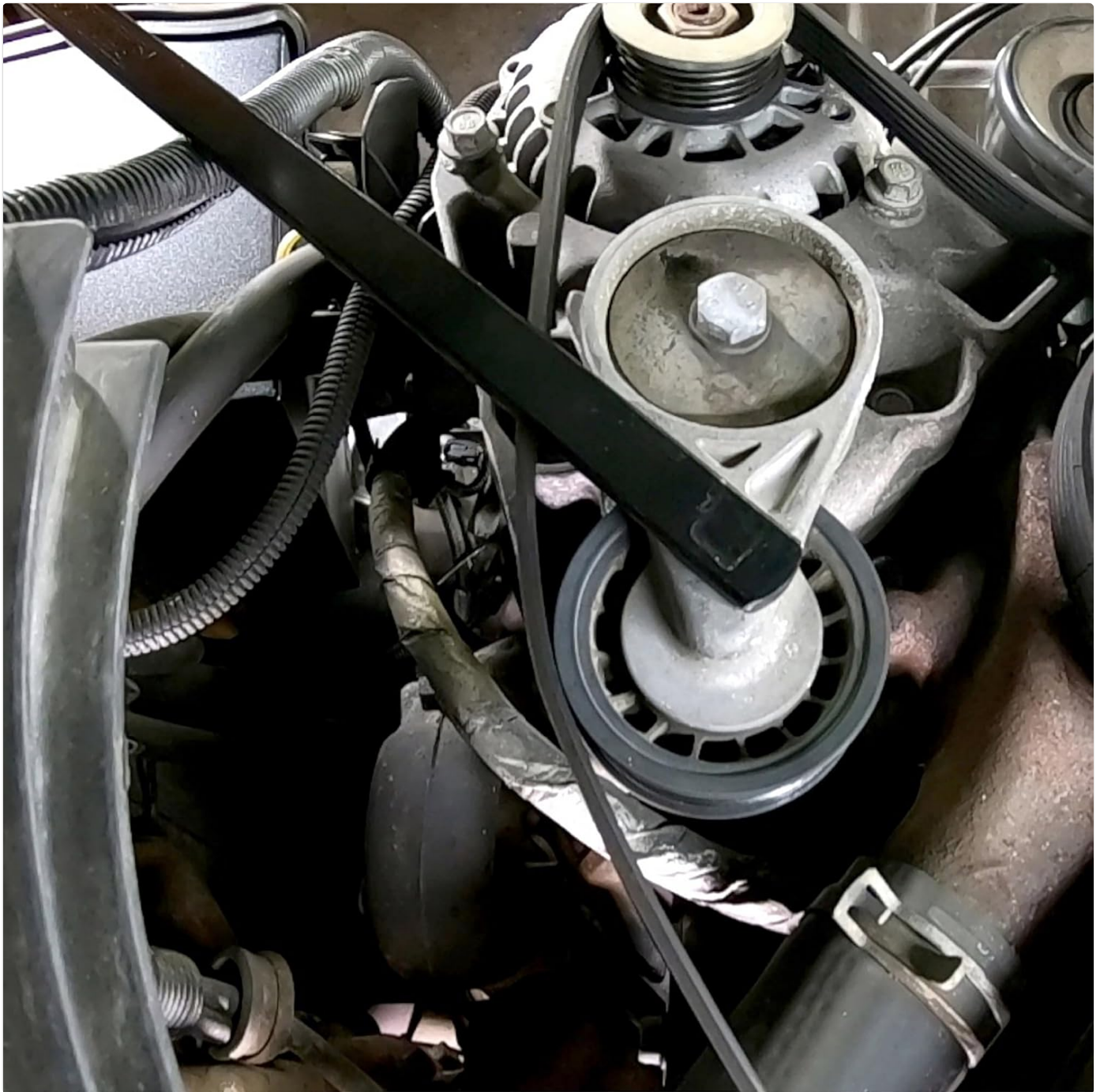
OPERATING INSTRUCTIONS

This tool set is designed to provide the necessary leverage and clearance to release spring pressure from serpentine belt tensioners, facilitating belt removal and installation.

1. With the appropriate socket and adapter attached to the handle, position the tool onto the tensioner pulley bolt. The slim profile of the tool allows access in tight engine compartments.
2. Apply steady, controlled pressure to the handle to rotate the tensioner and release the belt tension. The extended handle provides ample leverage.
3. Once tension is released, carefully remove the serpentine belt from the pulleys.
4. For installation, route the new serpentine belt correctly around all pulleys, leaving the tensioner pulley as the last point.
5. Re-apply pressure with the tool to the tensioner pulley bolt, rotating it to create slack, and then slip the new belt over the

tensioner pulley.

6. Slowly release the pressure on the tool, allowing the tensioner to return to its original position and apply tension to the new belt.
7. Ensure the belt is properly seated on all pulleys before starting the engine.



The tool provides the necessary reach and leverage to work on serpentine belt tensioners in confined engine spaces.

MAINTENANCE

Proper maintenance will ensure the longevity and performance of your OEMTOOLS Serpentine Belt Tool Set.

- **Cleaning:** After each use, wipe down all components with a clean, dry cloth to remove dirt, grease, and oil.
- **Rust Prevention:** The alloy steel construction with black oxide finish provides rust resistance. For prolonged storage or in humid environments, a light coat of rust-preventative oil can be applied to metal surfaces.
- **Storage:** Store the tool set in a dry place, away from moisture and corrosive materials. Keeping the components organized in their original packaging or a dedicated tool box will prevent loss and damage.
- **Inspection:** Periodically inspect the handle, adapters, and sockets for any signs of wear, bending, or damage. Do not use

damaged tools.

TROUBLESHOOTING

If you encounter issues while using the OEMTOOLS 24687 Serpentine Belt Tool Set, consider the following common scenarios:

- Difficulty Accessing Tensioner:**
Ensure you are using the correct combination of handle, adapter, and shallow socket. The tool's slim profile is designed for tight spaces, but some vehicle designs may still present challenges. Try adjusting the angle of the handle if applicable.
- Socket Slipping Off Bolt:**
Verify that the correct size socket is being used and that it is fully seated on the tensioner bolt. Ensure the adapter is securely inserted into the handle. If the square drive connection between the handle and adapter feels loose, ensure it is fully engaged. Applying steady, direct pressure helps prevent slippage.
- Insufficient Leverage:**
The extended handle is designed to provide significant leverage. If you are still struggling, ensure you have a stable stance and are applying force efficiently. Do not use cheater bars or extensions not designed for this tool, as this can damage the tool or cause injury.

SPECIFICATIONS

Feature	Detail
Model Number	24687
Brand	OEMTOOLS
Material	Alloy Steel
Finish	Black Oxide
Item Weight	2.3 pounds (approx.)
Product Dimensions	16 x 4.1 x 1.2 inches (approx.)
Drive Sizes Included	3/8 inch, 1/2 inch
Socket Sizes Included	13 mm, 15 mm, 16 mm, 18 mm
Belt Style Compatibility	Serpentine

WARRANTY INFORMATION

Specific warranty details for the OEMTOOLS 24687 Serpentine Belt Tool Set are not provided in this manual. For information regarding product warranty, please refer to the official OEMTOOLS website or contact their customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

SUPPORT

For further assistance, technical support, or inquiries about the OEMTOOLS 24687 Serpentine Belt Tool Set, please visit the official OEMTOOLS website or contact their customer service department. You can often find FAQs, additional product information, and contact details on their brand store page.

OEMTOOLS Official Website: [Visit the OEMTOOLS Store on Amazon](#)

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