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› OEMTOOLS 25107 Disc Brake Service Set Instruction Manual

OEMTOOLS 25107

OEMTOOLS 25107 Disc Brake Service Set

Model: 25107

Brand: OEMTOOLS

INTRODUCTION

This manual provides instructions for the OEMTOOLS 25107 Disc Brake Service Set, a comprehensive 37-piece kit designed for various brake service tasks. This kit includes tools for resetting caliper pistons, replacing brake pads, bleeding the brake system, and cleaning brake components.



Image: The complete OEMTOOLS 25107 Disc Brake Service Set.

SAFETY INFORMATION

Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when performing automotive maintenance. Ensure the vehicle is securely supported on jack stands before working underneath it. Consult your vehicle's service manual for specific brake system procedures and specifications. Brake fluid is corrosive; avoid contact with skin and painted surfaces. Dispose of used brake fluid responsibly.

PACKAGE CONTENTS

The OEMTOOLS 25107 Disc Brake Service Set includes the following components:

- Disc Brake Caliper Tool Set (includes right-hand and left-hand threaded tools)
- 15 Caliper Adapters (for various domestic and import vehicles)
- Pad Spreader
- Brake Caliper Brush (angled)
- 8 Brake Caliper Hangers
- 3 Bleeder Wrenches
- One-Man Brake Bleeder Kit
- Sturdy Carrying Case



Image: All components of the Disc Brake Service Set.

SETUP

Identifying Caliper Adapters

The kit includes 15 adapters designed to fit a wide range of vehicle caliper pistons. Match the adapter to your vehicle's caliper piston pattern before use. Refer to your vehicle's service manual for the correct adapter type.

Preparing the Caliper Tool

Select the appropriate right-hand or left-hand threaded caliper tool based on your vehicle's caliper piston design. Attach the selected adapter securely to the tool.

OPERATING INSTRUCTIONS

Resetting Caliper Pistons

1. Remove the wheel and brake caliper according to your vehicle's service manual.
2. If replacing pads, remove the old pads.
3. Select the correct adapter for your caliper piston.
4. Attach the adapter to the disc brake caliper tool.
5. Place the tool against the piston and rotate to retract the piston. Ensure the piston retracts evenly.



Image: Disc brake caliper tool with adapter for piston retraction.

Replacing Brake Pads (using Pad Spreader)

1. After retracting the caliper piston, insert the pad spreader between the caliper and the rotor (or between the old pads if still present).
2. Turn the handle to gently spread the pads apart, creating space for new, thicker pads.



Image: Disc brake pad spreader in use.

Using Caliper Hangers

1. Once the caliper is removed from its mounting bracket, use the caliper hangers to suspend it from the vehicle's suspension components.
2. This prevents stress on the brake hose and keeps the caliper out of the way during service.



Image: Brake caliper hangers for suspending calipers.

Bleeding the Brake System (One-Man Brake Bleeder Kit)

1. Connect the one-man brake bleeder kit to the caliper's bleeder screw.
2. Use the appropriate bleeder wrench to open the bleeder screw.
3. Follow the instructions provided with the one-man bleeder kit to remove air from the brake lines.
4. Monitor the brake fluid reservoir level and refill as necessary.



Image: One-man brake bleeder kit components.

Cleaning Calipers

Use the angled brake caliper brush to clean dirt, dust, and debris from the caliper body and mounting points. This ensures proper fitment and operation of new components.

MAINTENANCE

After each use, clean all tools thoroughly to remove brake dust, grease, and fluid. Store all components in the provided sturdy carrying case to protect them from damage and loss. Periodically inspect tools for wear or damage. Replace any damaged components immediately.

TROUBLESHOOTING

Piston Not Retracting

Ensure the correct adapter is used. Check for seized caliper pistons; these may require professional service or caliper replacement.

Air in Brake Lines After Bleeding

Re-check all connections for leaks. Ensure the bleeder screw was properly tightened after each bleeding cycle. Repeat the bleeding process if necessary.

Tools Not Fitting

Verify that the selected adapter matches the vehicle's caliper piston. Consult your vehicle's service manual for specific tool requirements.

SPECIFICATIONS

Model Number: 25107

Item Package Dimensions: 12.9 x 11.1 x 3.2 inches

Package Weight: 8 Pounds

Material: Blend

Number of Items: 1 (kit)

Included Components: Disc Brake Caliper Tool Set, Pad Spreader, Brake Caliper Brush, 8 Brake Caliper Hangers, 3 Bleeder Wrenches, One-Man Brake Bleeder Kit

Date First Available: August 30, 2021

WARRANTY INFORMATION

This OEMTOOLS 25107 Disc Brake Service Set is a non-warranted item. Please refer to the product packaging or contact OEMTOOLS directly for any specific warranty inquiries.

SUPPORT

For technical assistance, replacement parts, or further information regarding the OEMTOOLS 25107 Disc Brake Service Set, please visit the official OEMTOOLS website or contact their customer service department.

You can find more information at the OEMTOOLS Store on Amazon.