Lisle 29350

Lisle 29350 Combination Rear Brake Tool Kit

Brand: **Lisle** | Model: **29350**

Product Overview

The Lisle 29350 Combination Rear Brake Tool Kit is designed to simplify the installation of new disc brake pads on both front and rear brakes. This versatile tool is engineered to handle both pistons that require rotation and those that do not, making brake service quicker and easier.



Image: The Lisle 29350 Combination Rear Brake Tool Kit, showcasing the main tool and its double-sided adapters within its grey storage case.

Key Features:

- Designed to work on single piston disc brakes that require the piston to be rotated back into the caliper, as well as pistons that are not rotated.
- Includes two double-sided thin adapters along with a screw-type pushing mechanism.
- The shaft can be rotated in both directions, accommodating various vehicle friction systems.
- Can be operated with a 9/16" wrench or socket for additional leverage.
- Compact product dimensions: 4.5 x 12.5 x 12 inches.

Setup and Preparation

Before using the Lisle 29350 tool, ensure the vehicle is safely lifted and supported, and the wheel has been removed to access the brake caliper. Identify the type of brake caliper piston you are working with (rotational or non-rotational).

1. **Select the Correct Adapter:** Choose one of the two double-sided adapters provided. These adapters are designed to fit various piston face patterns. Ensure the adapter's pins align correctly with the grooves or holes on the brake caliper piston.
2. **Attach the Adapter:** Securely attach the selected adapter to the end of the tool's pushing mechanism. The opposing side of the tool should rest against the caliper body or the other side of the caliper opening, providing a stable base for compression.

3. **Position the Tool:** Place the tool with the attached adapter against the brake caliper piston. The opposing side of the tool should rest against the caliper body or the other side of the caliper opening, providing a stable base for compression.

Operating Instructions

This tool is designed for efficient and controlled retraction of brake caliper pistons. Follow these steps for proper operation:

1. **Initial Placement:** With the correct adapter attached and the tool positioned against the piston, gently squeeze the handle to bring the adapter into contact with the piston.
2. **Compressing Non-Rotational Pistons:** For pistons that simply need to be pushed straight back, squeeze the handle of the tool. The ratcheting mechanism will apply steady pressure, retracting the piston into the caliper bore. Continue until the piston is fully retracted, allowing space for new brake pads.
3. **Rotating and Compressing Rotational Pistons:** For pistons that require rotation (common on rear disc brakes with integrated parking brakes), use a 9/16" wrench or socket on the end of the tool's shaft. As you turn the shaft, the tool will simultaneously rotate and push the piston back into the caliper. The shaft can be rotated in both clockwise and counter-clockwise directions, depending on the vehicle's specific requirements.
4. **Release Mechanism:** Once the piston is fully retracted, locate the release lever or button on the tool (typically near the handle). Actuate this mechanism to release the pressure and allow the tool to expand, detaching it from the caliper.



Image: The Lisle 29350 tool being used to retract a brake caliper piston on a vehicle, demonstrating its application.

Maintenance and Care

Proper maintenance ensures the longevity and reliable performance of your Lisle 29350 tool:

- **Cleaning:** After each use, wipe down the tool with a clean cloth to remove any brake fluid, grease, or dirt. Brake fluid can be corrosive, so prompt cleaning is important.
- **Lubrication:** Periodically apply a light coat of machine oil to the moving parts, especially the screw mechanism and pivot points, to ensure smooth operation and prevent rust.
- **Storage:** Store the tool and its adapters in the provided case in a dry environment to protect them from moisture and damage.
- **Inspection:** Before each use, inspect the tool for any signs of wear, damage, or deformation. Do not use the tool if it appears damaged.

Troubleshooting

If you encounter issues while using the Lisle 29350 tool, consider the following:

- **Piston Not Retracting:**
  - Ensure the correct adapter is securely fitted to the piston.
  - Verify that the tool is properly seated and stable against the caliper.
  - For rotational pistons, confirm you are rotating the shaft in the correct direction for your vehicle model while applying pressure.
  - Check for any obstructions or seized caliper components. If the caliper is seized, the tool may not be able to retract the piston, and the caliper may need replacement.
- **Tool Slipping:**
  - Ensure the adapter pins are fully engaged in the piston's grooves/holes.
  - Clean any grease or debris from the piston face and adapter to improve grip.
- **Difficulty Operating Handle:**
  - Apply lubrication to the tool's moving parts as described in the Maintenance section.
  - Ensure the release mechanism is not partially engaged.

Product Specifications

Brand	Lisle
Model Number	29350
Item Weight	2.19 pounds
Product Dimensions	4.5 x 12.5 x 12 inches
Auto Part Position	Rear
Vehicle Service Type	Passenger Car
Automotive Fit Type	Universal Fit
UPC	083045293507
Manufacturer Part Number	29350

Warranty and Support

For information regarding warranty coverage, product support, or to purchase replacement parts, please contact Lisle Corporation directly or visit their official website. You may also refer to the retailer where the product was purchased for their specific return and support policies.

For additional resources and product information, visit theLisle Store on Amazon.

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