

## Yato YT-0681

# YATO YT-0681 11-Piece Disc Brake Caliper Rewind Tool Kit

Model: YT-0681 | Brand: Yato

## 1. INTRODUCTION

The YATO YT-0681 is an 11-piece disc brake caliper rewind tool kit designed for professional and DIY automotive enthusiasts. This kit facilitates the safe and efficient retraction of brake caliper pistons, which is essential when replacing disc brake pads. The tools are constructed from durable alloy steel, ensuring reliability and longevity. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your YT-0681 tool kit.



Figure 1: The YATO YT-0681 11-piece disc brake caliper rewind tool kit, neatly organized within its durable storage case.

## 2. SAFETY INFORMATION

Always prioritize safety when working on vehicle braking systems. Improper use of tools or incorrect procedures can lead to serious injury or vehicle damage. Adhere to the following safety guidelines:

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before beginning any work. Do not rely solely on a jack.
- Consult your vehicle's service manual for specific brake system procedures and torque specifications.
- Keep the work area clean and well-lit.
- Do not use damaged or modified tools. Inspect all components of the kit before each use.
- Keep children and bystanders away from the work area.

## 3. PACKAGE CONTENTS

The YATO YT-0681 kit includes 11 pieces, primarily consisting of a main rewind tool and various adapter plates designed to fit a wide range of vehicle brake calipers. Upon opening the case, verify that all components are present and undamaged.

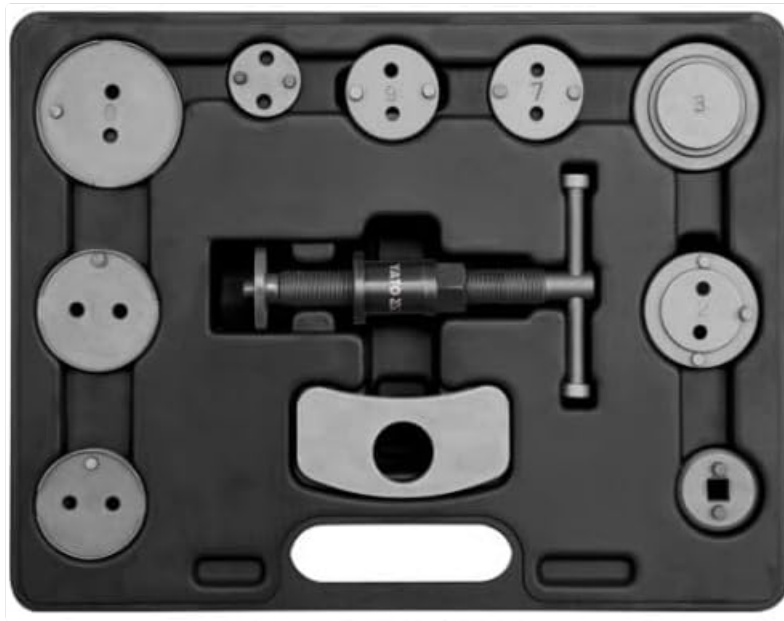


Figure 2: The YATO YT-0681 kit with its contents laid out, showing the main rewind tool and various adapter plates.

The kit typically includes:

- Main Caliper Rewind Tool (Left-hand and Right-hand threaded options may be included or implied by adapters)
- Multiple Adapter Plates (various sizes and pin configurations)
- Reaction Plate
- Durable Storage Case

#### 4. SETUP

Before using the tool kit, ensure your vehicle is properly prepared for brake service. This involves:

1. Park the vehicle on a level surface and engage the parking brake.
2. Loosen the lug nuts on the wheel(s) to be serviced.
3. Raise the vehicle using a suitable jack and secure it with jack stands.
4. Remove the wheel(s).
5. Remove the brake caliper from its mounting bracket, typically by unbolting the guide pins. Do not disconnect the brake hose unless absolutely necessary. Support the caliper to prevent strain on the brake hose.
6. Remove the old brake pads.

Identify the correct adapter plate from the kit that matches the piston face of your vehicle's brake caliper. The main rewind tool is designed to push and/or rotate the piston back into the caliper bore.

YATO 	No.	zacisk przedni (F)	zacisk tylny (R)	
YT-0681	1-1		silownik	5
	1		plytka oporowa	
	5		adapter z gniazdem	
	2		Citroen: XM, Xantia	
	3	Alfa Romeo, Audi, Austin, BMW, Honda, Jaguar, MB, Mitsubishi, Nissan, Rover, Toyota, VW		
	4		Ford, Mazda, Subaru, Alfa Romeo, Saab	
	6		Nissan	
	7		Audi, Ford, Honda, Nissan, Rover, Saab, Subaru, VW	
	8	General Motors		
9	General Motors			

Figure 3: The primary caliper rewind tool from the YATO YT-0681 kit, used for retracting brake pistons.

## 5. OPERATING INSTRUCTIONS

This kit is designed to retract brake caliper pistons, which may require both pushing and rotating, depending on the vehicle's brake system (e.g., some rear calipers with integrated parking brakes). Always refer to your vehicle's specific service manual for the correct procedure.

### 5.1. Compatibility

The various adapter plates in the YT-0681 kit ensure compatibility with a wide range of vehicle makes and models. The following table provides a general guide for some common applications. Always verify the correct adapter for your specific vehicle and caliper type.



Figure 4: A compatibility chart indicating which adapter plates (No.) are suitable for various car brands and caliper positions (Front/Rear).

### 5.2. Piston Rewind Procedure

1. Select the appropriate adapter plate that fits the grooves or indentations on your brake caliper piston.
2. Attach the selected adapter plate to the main rewind tool.
3. Position the rewind tool with the adapter plate against the piston face and the reaction plate against the caliper body.
4. Slowly turn the handle of the rewind tool. For pistons that require rotation, ensure the adapter engages the piston's features. Turn the handle clockwise for right-hand threaded pistons and counter-clockwise for left-hand threaded pistons (common on some rear calipers).
5. Continue turning until the piston is fully retracted into the caliper bore, flush with the caliper housing. Do not force the piston beyond its natural stopping point.
6. Once the piston is retracted, carefully remove the rewind tool.
7. Install new brake pads and reassemble the brake caliper according to your vehicle's service manual.
8. After reassembly, pump the brake pedal several times to seat the new pads and restore pedal pressure before driving. Check the brake fluid level.

## 6. MAINTENANCE

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Proper maintenance will extend the life of your YATO YT-0681 tool kit:

- After each use, clean all components with a clean cloth to remove brake dust, grease, and dirt.
- Apply a light coat of machine oil to the threaded rod of the main rewind tool to prevent corrosion and ensure smooth operation.
- Store the tools in their original durable case in a dry environment to protect them from moisture and damage.
- Regularly inspect the tools for any signs of wear, damage, or deformation. Replace any damaged components immediately.

## 7. TROUBLESHOOTING

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If you encounter issues while using the YT-0681 kit, consider the following:

- **Tool not fitting the piston:** Ensure you have selected the correct adapter plate for your specific caliper piston. Some pistons have unique patterns.
- **Difficulty turning the rewind tool:**
  - Verify that the adapter plate is correctly seated in the piston's grooves.
  - Confirm the piston requires rotation (e.g., rear calipers with integrated parking brakes) and you are turning in the correct direction (clockwise for right-hand, counter-clockwise for left-hand).
  - Check for any obstructions or corrosion within the caliper bore.
  - Ensure the brake fluid reservoir cap is loosened or removed to allow fluid displacement.
  - If the tool's bar bends under normal operating force, it may indicate excessive resistance from the caliper piston or a manufacturing defect. Discontinue use and inspect the caliper for issues or contact Yato support.
- **Piston not retracting fully:** Ensure the brake fluid reservoir is not overfilled, preventing the piston from fully retracting.

## 8. SPECIFICATIONS

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- **Model:** YT-0681
- **Number of Tools:** 11 pieces
- **Material:** Alloy Steel
- **Dimensions (Case):** 38 x 7.49 x 27 cm (L x W x H)
- **Weight (Kit):** 1.73 kg
- **Vehicle Service Type:** Motorcycle (Note: While listed as motorcycle, this type of tool is commonly used for various automotive disc brake systems. Always verify compatibility.)
- **Automotive Part Position:** Rear (Applicable for calipers requiring rotation)
- **Fit Type:** Universal Fit (with appropriate adapters)

## 9. WARRANTY AND SUPPORT

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For warranty information, product support, or to inquire about replacement parts, please contact Yato directly through their official website or authorized distributors. Keep your purchase receipt as proof of

purchase.

**Manufacturer:** Yato

**Date of Availability on Amazon.com.be:** August 19, 2022

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