

## Romalon FBP100

# Romalon FBP100 Fan Blade Puller: Instruction Manual

Model: FBP100 | Brand: Romalon

## INTRODUCTION

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The Romalon FBP100 Heavy Duty Fan Blade Puller is designed for the safe and efficient removal of rust-locked fan blades and blower wheels from furnace and HVAC motors. Constructed from solid steel, this tool provides the necessary torque to overcome stubborn corrosion, ensuring a smooth repair process. This manual provides essential information for the proper setup, operation, and maintenance of your FBP100 puller.

## SAFETY INFORMATION

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### WARNING:

- Always disconnect power to the appliance before attempting any repair or using this tool. Failure to do so can result in serious injury or death.
- Wear appropriate personal protective equipment, including safety glasses and work gloves, to protect your eyes and hands from debris and sharp edges.
- Ensure the work area is well-lit and clear of obstructions.
- Do not use the tool if any components are damaged or show signs of wear.
- Keep children and bystanders away from the work area.

Refer to the appliance's service manual for specific safety procedures related to fan blade removal.

## PACKAGE CONTENTS

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The Romalon FBP100 Fan Blade Puller kit includes the following components:

- 1x Main Puller Body
- 1x Center Shaft (long threaded bolt)

- 4x Pull Fingers (short threaded bolts)
- 1x Alignment Tool (black sleeve)
- 1x Hex Wrench
- 4x Fixing Long Bolts (U-shaped hooks)



## Fixes Symptoms

Often times fan blades are stuck on a motor shaft due to the dirt and rust accumulated over the years. This fan blade puller makes getting those old blades off possible by providing additional torque.

**⚠ Note:** Before installing the product, please disconnect the power supply and wear work gloves to protect your hands.

Image: All components of the Romalon FBP100 Fan Blade Puller kit, including the main puller body, center shaft, pull fingers, alignment tool, hex wrench, and fixing long bolts.

## PRODUCT SPECIFICATIONS

<b>Model Number</b>	FBP100
<b>Material</b>	Solid Steel
<b>Item Weight</b>	3.23 pounds
<b>Package Dimensions</b>	8.46 x 3.66 x 2.83 inches
<b>Item Package Quantity</b>	1



## Romalon FBP100

Fan Blade Blower Wheel Puller With Heavy Duty Steel and 5/8" Steel Center Shaft

Furnace blower motors or wheels. And also can replaces 40852, FBP100, MA-FB2, TB041, TB042, TJ90FBP100, TJMA-FB2, UP-1, UP1, AP3737541.

Image: Detailed dimensions of the FBP100 puller components, including the main puller body, center shaft, pull fingers, and hex wrench.

## SETUP

Before using the puller, ensure all components are present and undamaged. The puller is designed for straightforward assembly.

1. **Prepare the Main Puller Body:** Identify the main cylindrical body of the puller. It has a central threaded hole and several smaller holes around the base.
2. **Insert Pull Fingers:** Thread the four pull fingers into the smaller threaded holes at the base of the main puller body. Do not overtighten them yet.
3. **Insert Center Shaft:** Thread the long center shaft into the central threaded hole of the main puller body. This shaft will apply the primary pulling force.
4. **Attach Alignment Tool (Optional):** If your fan blade has a central shaft, the black alignment tool can be placed over it to help center the puller.

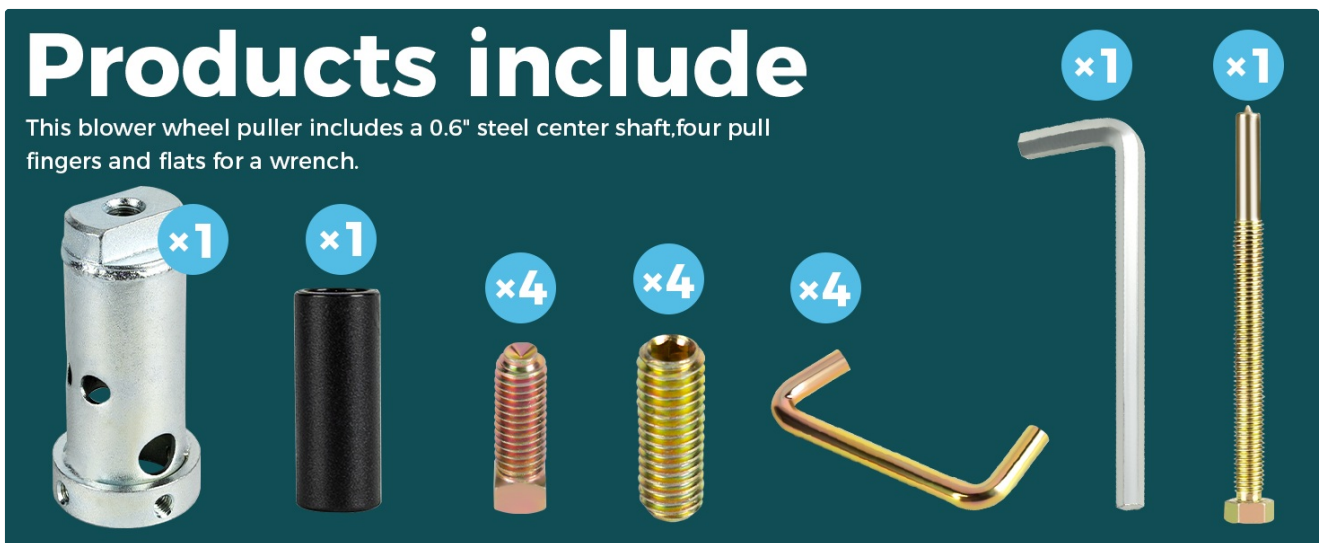


Image: A close-up view illustrating the correct insertion of the center shaft and pull fingers into the main puller body, highlighting the internal threads.

## OPERATING INSTRUCTIONS

Follow these steps to safely remove a fan blade or blower wheel:

1. **Safety First:** Ensure the appliance's power supply is disconnected. Wear safety glasses and work gloves.
2. **Position the Puller:** Place the assembled puller over the fan blade or blower wheel. The pull fingers should be positioned to grip the underside of the fan hub, and the center shaft should align with the motor shaft.
3. **Secure the Puller:** Tighten the four pull fingers evenly until they firmly grip the fan blade. Use the hex wrench for this step. Ensure the puller is stable and centered.
4. **Apply Pulling Force:** Using a wrench on the hex head of the center shaft, slowly and steadily turn the shaft clockwise. This will exert upward pressure on the fan blade, gradually separating it from the motor shaft.
5. **Even Pressure:** If the blade is particularly stubborn, apply force gradually. Avoid sudden, jerky movements. If necessary, slightly loosen and re-tighten the pull fingers to ensure even pressure.
6. **Remove Blade:** Continue turning the center shaft until the fan blade is completely free from the motor shaft.

# Product Suitable

## Furnace blower motors or wheels. And also can replaces

40852

FBP100

MA-FB2

TB041

TB042

TJ90FBP100

TJMA-FB2

UP-1

UP1

AP3737541

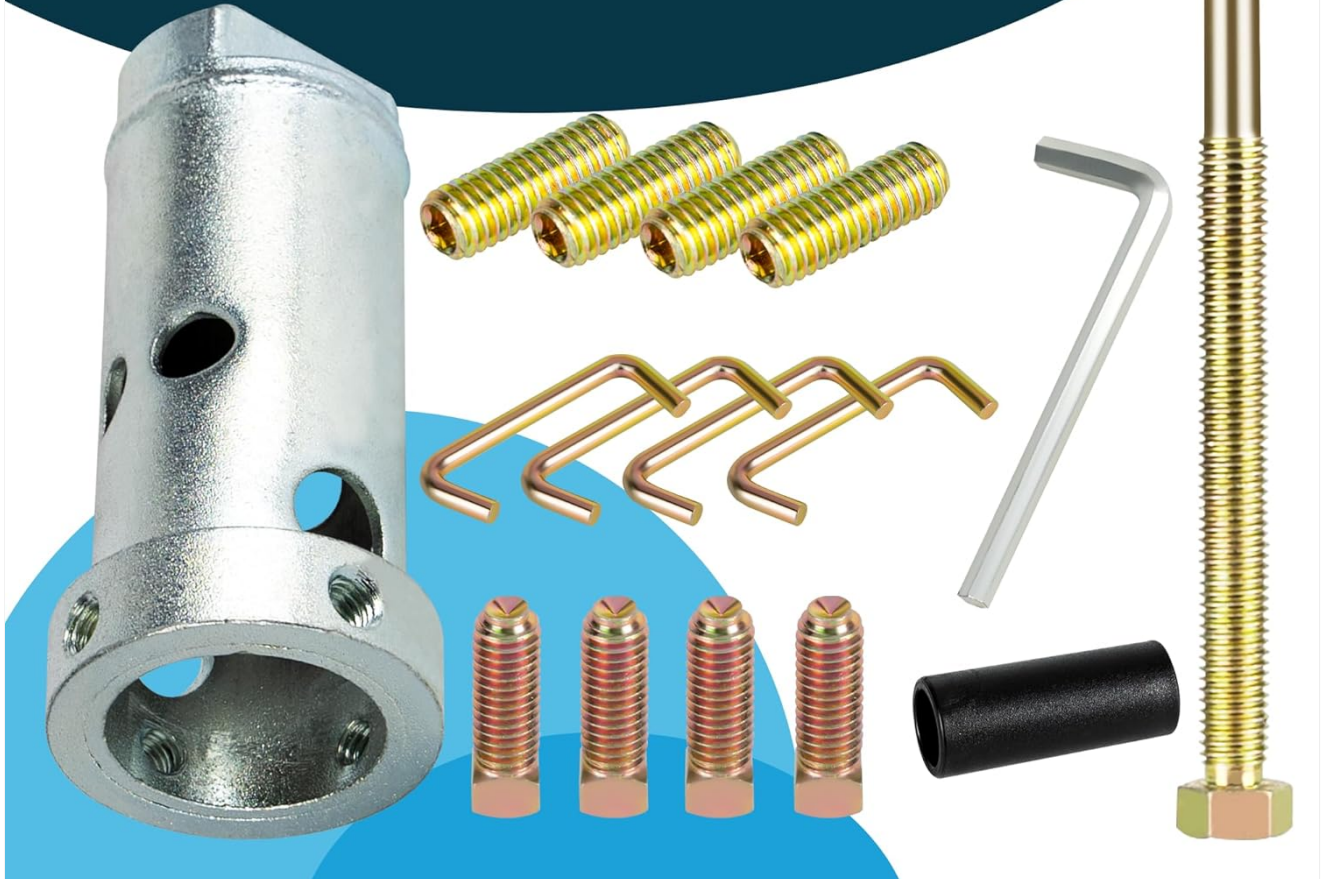


Image: The Romalon FBP100 puller actively removing a fan blade from a motor shaft, demonstrating proper positioning and use.

## MAINTENANCE

Proper maintenance will extend the life of your Romalon FBP100 Fan Blade Puller:

- **Cleaning:** After each use, wipe down all components with a clean cloth to remove dirt, grease, and rust particles.
- **Lubrication:** Periodically apply a light coat of machine oil to the threads of the center shaft and pull fingers to ensure smooth operation and prevent corrosion.
- **Inspection:** Regularly inspect all components for signs of wear, bending, or damage. Replace any damaged parts immediately.
- **Storage:** Store the puller in a dry, clean environment to prevent rust and damage.

## TROUBLESHOOTING

If you encounter difficulties while using the FBP100 puller, consider the following:

- **Blade Not Moving:**

- Ensure the pull fingers are securely and evenly tightened against the fan hub.
- Verify the center shaft is properly aligned with the motor shaft.
- Apply penetrating oil to the motor shaft where it meets the fan hub and allow it to soak for some time before attempting to pull again.
- Increase torque gradually. The fine-thread structure is designed for high pulling power.

- **Puller Slipping:**

- Re-check the tightness of the pull fingers. They must be firmly seated.
- Ensure the fan blade's hub provides a stable surface for the pull fingers to grip.

- **Difficulty Turning Center Shaft:**

- Lubricate the threads of the center shaft.
- Ensure no debris is obstructing the threads.

## COMPATIBILITY

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The Romalon FBP100 Fan Blade Puller is a direct replacement for various OEM part numbers and is compatible with most residential and commercial furnace blower motors and fan wheels. Compatible part numbers include:

- FBP100
- 40852
- TB041
- TB042
- MA-FB2
- AP3737541
- TJ90FBP100
- TJMA-FB2
- UP-1



Image: A visual representation of the various OEM part numbers that the Romalon FBP100 puller is designed to replace.

## WARRANTY AND SUPPORT

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Romalon stands behind the quality of its products. The FBP100 Fan Blade Puller is backed by an industry-leading **1-year quality warranty**. This warranty covers defects in materials and workmanship under normal use.

For any questions regarding part matching, installation guidance, or warranty claims, please contact the Romalon support team. Our dedicated support is available to assist you.

For further assistance, please visit the [Romalon Store on Amazon](#).