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RYOBI BT3000

Instruction Manual: Ryobi BT3000 Table Saw Replacement Slide (2-Pack)

Model: BT3000 | Part Number: 661845001-2PK

1. Introduction

This instruction manual provides essential information regarding the Ryobi BT3000 Table Saw Replacement Slide, part number 661845001-2PK. This product includes two genuine OEM replacement slides designed to restore the smooth operation of compatible Ryobi and Craftsman table saws. Please read this manual thoroughly before attempting installation or use to ensure proper function and safety.

2. Product Overview

The 661845001-2PK is a genuine Original Equipment Manufacturer (OEM) replacement part specifically designed for select Ryobi and Craftsman table saw models. These slides are crucial components that facilitate the smooth movement of various parts within the table saw assembly, ensuring precise and safe operation.

2.1. Package Contents

- Two (2) Ryobi BT3000 Table Saw Replacement Slides (Part # 661845001)

2.2. Compatibility

This replacement slide is compatible with the following table saw models:

- Ryobi BT3000
- Ryobi BT3100
- Ryobi BT3100-1
- Craftsman 315228110
- Craftsman 315221850



Figure 1: Ryobi BT3000 Table Saw Replacement Slides. These black, rectangular components feature a central circular opening and are designed for smooth movement within the table saw mechanism.

3. Installation (Setup)

Proper installation of the replacement slides is critical for the safe and effective operation of your table saw. Due to the specific nature of table saw components, it is highly recommended to consult your original table saw's owner's manual for detailed, model-specific installation instructions.

3.1. General Guidelines for Replacement

1. **Safety First:** Always disconnect the table saw from its power source before beginning any maintenance or replacement procedures.
2. **Consult Owner's Manual:** Refer to your specific table saw model's owner's manual for precise instructions on how to access and replace the slides. The manual will provide diagrams and step-by-step guidance.
3. **Part Identification:** Ensure the replacement part number (661845001) matches the part being replaced to guarantee compatibility and proper fit.
4. **Careful Removal:** Gently remove the old, worn, or damaged slides. Note their orientation and position for correct installation of the new slides.
5. **Clean Area:** Before installing new slides, thoroughly clean the area where they will be seated, removing any sawdust, debris, or old lubricant.
6. **Proper Installation:** Install the new slides according to the instructions in your table saw's manual. Ensure they are seated correctly and move freely without obstruction.
7. **Test Functionality:** After installation, manually test the movement of the components that utilize these slides to ensure smooth and unrestricted operation before reconnecting power.

Note: *If you are unsure about any step of the installation process, it is advisable to seek assistance from a qualified technician or refer to official Ryobi or Craftsman service resources.*

4. Operating Principle

The replacement slides themselves do not have an "operating" procedure in the traditional sense, as they are passive

components. Their function is to enable the smooth and precise movement of other parts within the table saw, such as the fence, miter gauge, or other adjustable mechanisms. Once correctly installed, they contribute to the overall accuracy and safety of the table saw's operation by reducing friction and ensuring stable guidance.

5. Maintenance

To ensure the longevity and optimal performance of your replacement slides and the overall table saw, regular maintenance is recommended:

- **Keep Clean:** Regularly clean the slides and their tracks to remove sawdust, resin buildup, and other debris that can impede smooth movement. A dry brush or compressed air can be effective.
- **Lubrication (if applicable):** Consult your table saw's owner's manual regarding lubrication requirements for moving parts. Some slides may benefit from a light application of dry lubricant (e.g., silicone spray or PTFE-based lubricant) to maintain smooth operation, while others are designed to operate dry. Avoid oil-based lubricants that can attract sawdust.
- **Inspect for Wear:** Periodically inspect the slides for signs of wear, cracks, or damage. Replace them promptly if significant wear is observed to prevent damage to other table saw components or compromise safety.

6. Troubleshooting

If you encounter issues after replacing the slides, consider the following:

Problem	Possible Cause	Solution
New slides do not fit.	Incorrect part number or model incompatibility.	Verify the part number (661845001) against your table saw's requirements and the compatibility list in this manual. Ensure you have the correct model.
Movement is stiff or jerky after installation.	Debris in tracks, improper installation, or lack of lubrication (if required).	Clean tracks thoroughly. Re-check installation steps from your table saw's manual. Apply appropriate lubricant if recommended by the manufacturer.
Slides appear damaged shortly after installation.	Improper installation, underlying issue with table saw mechanism, or manufacturing defect.	Ensure correct installation. Inspect the table saw's mating surfaces for damage. Contact the seller or manufacturer if a defect is suspected.

7. Specifications

Attribute	Detail
Brand	RYOBI
Part Number	661845001 (2-Pack)
Model Compatibility	Ryobi BT3000, BT3100, BT3100-1; Craftsman 315228110, 315221850
Material	Plastic (Handle Material, likely refers to the slide material)
Color	Black
Item Weight	0.16 ounces (per slide, approximate)

Attribute	Detail
Product Dimensions	0.75 x 1.5 x 0.88 inches (per slide, approximate)
Manufacturer	Techtronic Industries

8. Warranty Information

Based on available product information, this replacement part is sold with**No Warranty**. Please verify warranty terms with your point of purchase or the manufacturer if you have specific concerns.

9. Customer Support

For further assistance, technical inquiries, or questions regarding compatibility and installation, please refer to the following resources:

- **Original Table Saw Owner's Manual:** This is your primary resource for detailed assembly and part replacement instructions.
- **Ryobi Official Website:** Visit the official Ryobi website for product information, FAQs, and service center locations. www.ryobitools.com
- **Craftsman Official Website:** For Craftsman model compatibility and support, visit their official website. www.craftsman.com
- **Seller Support:** Contact the seller from whom you purchased this replacement part for order-specific inquiries.

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