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› Upgraded 2 Pack #527780, AP5620329 Refrigerator Auto Close Lever Assembly Replacement for Samsung RF23M8590SG/AA, RF22N9781SG/AA, RF28M9580SR/AA User Manual

Acupress 3527780, AP5620329

Refrigerator Auto Close Lever Assembly User Manual

Model: 3527780, AP5620329

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, function, and maintenance of the Acupress Refrigerator Auto Close Lever Assembly. This replacement part is designed to restore the smooth operation of your Samsung refrigerator door.

2. PRODUCT OVERVIEW

The Refrigerator Auto Close Lever Assembly (Part Numbers: 3527780, AP5620329, DA97-12625A, DA97-13070A, PS4176636) is a critical component located at the top of your refrigerator door. Its primary function is to facilitate the smooth opening and closing of the refrigerator door, ensuring a proper seal and efficient operation. This assembly features a smooth roller and a heavy-duty solid pin axle, engineered for durability and reliable performance.



Figure 2.1: Two Acupress Refrigerator Auto Close Lever Assemblies.

3. COMPATIBILITY

This lever assembly is a direct replacement for the following part numbers:

- 3527780
- AP5620329
- DA97-12625A
- DA97-13070A
- PS4176636

It is compatible with various Samsung Refrigerator models. Please verify your refrigerator model number begins with one of the following series:

F261, RF22, RF23, RF24, RF25, RF26, RF27, RF28, RF29, RF30, RF31, RF32.

Specific compatible models include, but are not limited to:

- RF28R7551SR/AA
- RF28R7551SR/AC

- RF28R6201SG/AA
- RF23R6201SR/AA
- RF36C100SR/DA
- RF23HCEDTSR/AA
- RF31FMESBSR/AA
- RF30HDEDTSR/AA
- RF28HFPDBSR/AA
- RF323TEDBWW/AA
- RF31FMEDBWW/AA
- RF32FMQDBSR/AA
- RF31FMEDBBC/AA
- RF323TEDBBC/AA
- RF263BEAESP/AA
- RF261BEAESP/AA
- RF23HCEDBWW/AA
- RF260BEAEWW/AA
- RF23M8070SG/AA
- RF261BEAEWW/AA
- RF23M8570SR/AA
- RF25HMEDBWW/AA
- RF23M8960MT/AA
- RF28HMEDBSG/AA
- RF261BEAEBC/AA
- RF263BEAEWW/AA
- RF28NHEDBSR/AA
- RF30KMEDBSG/AA
- RF25HMEDBSR/AA
- RF28NHEDBSG/AA
- RF23M8960S4/AA
- RF22NPEDBSG/AA
- RF260BEAESR/AA
- RF22NPEDBSR/AA
- RF23M8570SG/AA
- RF28N9780SG/AA
- RF23M8590SG/AA
- RF22N9781SG/AA
- RF28M9580SR/AA
- RF25HMEDBBC/AA
- RF23HTEDBSR/AA
- RF31FMEDBSR/AA
- RT18M6215SR/AA
- RF263BEAESR/AA
- RF23M8090SR/AA

- RF260BEAESP/AA
- RF23M8090SG/AA
- RF28HMELBSR/AA
- RF23M8590SR/AA
- RF23J9011SR/AA
- RF22N9781SR/AA
- RF28N9780SR/AA
- RF28M9580SG/AA
- RF28HFEDTBC/AA
- RF28HFEDTWW/AA
- RF23HCEDBBC/AA
- RF28HFEDTSR/AA
- RF24FSEDBSR/AA
- RF28HFEDBWW/AA
- RF22M9581SR/AA
- RF22M9581SG/AA
- RF23HCEDBSR/AA
- RF263BEAEBC/AA
- RF263TEAEBC/AA
- RF28HFEDBSR/AA
- RF23HSESBSR/AA
- RF263TEAEWW/AA
- RF28HMEDBBC/AA
- RF23M8070SR/AA
- RF263TEAESR/AA
- RF28HDEDTSR/AA
- RF28K9380SR/AA
- RF28K9380SG/AA
- RF28JBEDBSR/AA
- RF23J9011SG/AA
- RF22K9381SR/AA
- RF22K9381SG/AA
- RF22KREDBSR/AA
- RF28HDEDPBC/AA
- RF22KREDBSG/AA
- RF23J9018SR/AA
- RF28HDEDPWW/AA
- RF28K9070SG/AA
- RF30KMEDBSR/AA
- RF28K9070SR/AA
- RF261BEAESR/AAF261BEAESR/AA
- RF28K9580SR/AA
- RF28K9580SG/AA

- RF22K9581SR/AA
- RF22K9581SG/AA
- RF22K9588SG/AA
- RF28JBEDBSG/AA
- RF28HMEDBWW/AA
- RF28HDEDBSR/AA
- RF28HFEDBBC/AA
- RF28HMEDBSR/AA
- RF323TEDBSR/AA
- RF30HBEDBSR/AA

Compatible with various for Samsung refrigerators
Refrigerator Auto Close Lever

This door closing mechanism adopts smooth rollers and heavy-duty solid pin shafts, made of high-quality materials, with a long service life.



Figure 3.1: Compatibility and key features of the lever assembly.

4. FEATURES

- **Premium Quality:** Manufactured from reliable, high-quality materials, this lever assembly is rigorously tested to

ensure long-lasting performance and durability. It features a smooth roller and a heavy-duty solid pin axle for robust operation.

- **Easy Installation:** Designed for straightforward replacement, allowing users to install the part themselves and quickly restore their refrigerator's functionality.
- **Optimal Function:** This assembly is crucial for ensuring the refrigerator door opens and closes smoothly, contributing to the appliance's overall efficiency and proper sealing.

5. SETUP (INSTALLATION)

Replacing the Refrigerator Auto Close Lever Assembly is a straightforward process. Always ensure the refrigerator is unplugged from the power source before beginning any repair work.

Required Tools:

- Screwdriver (appropriate type for your refrigerator model)
- Gloves (optional, for protection)

Installation Steps:

1. **Safety First:** Disconnect your refrigerator from the main power supply by unplugging it from the wall outlet.
2. **Locate the Old Part:** The auto close lever assembly is typically located at the top hinge of the refrigerator door. Open the door to access the area.
3. **Remove the Old Part:** Carefully unscrew any fasteners holding the old lever assembly in place. Note its orientation before removal. Gently detach the old assembly.
4. **Install the New Part:** Position the new Acupress lever assembly in the exact same orientation as the one you removed. Secure it with the screws. Ensure it is firmly seated and does not wobble.
5. **Test Functionality:** Once the new part is installed, carefully close and open the refrigerator door a few times to ensure it operates smoothly and closes completely.
6. **Reconnect Power:** Plug the refrigerator back into the power outlet.

Compatible with various for Samsung refrigerators

Refrigerator Auto Close Lever

If your refrigerator opens and closes poorly, this kit can help you solve the problem, easy and convenient to install, for you to solve your problems.



Figure 5.1: Visual representation of the lever assembly's location and function within a refrigerator door.

6. OPERATING PRINCIPLE

Once installed, the Refrigerator Auto Close Lever Assembly operates passively. As the refrigerator door is opened and then released, the mechanism's roller and axle system guide the door back into its closed position, ensuring a tight seal. This automatic closing action helps maintain the internal temperature of the refrigerator, contributing to energy efficiency and food preservation.

7. MAINTENANCE

The Acupress Refrigerator Auto Close Lever Assembly is designed for minimal maintenance. However, periodic inspection can help ensure its longevity:

- **Cleaning:** If dust or debris accumulates around the lever assembly, gently wipe it clean with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the lever and roller for any signs of wear, damage, or obstruction. Ensure the roller

moves freely.

- **Lubrication:** This part typically does not require lubrication. If the door operation becomes stiff, consult your refrigerator's main service manual or a qualified technician.

8. TROUBLESHOOTING

If you experience issues with your refrigerator door after installing or using the lever assembly, consider the following:

Problem	Possible Cause	Solution
Door does not close smoothly or completely.	Lever assembly not installed correctly. Obstruction around the door hinge or lever. Lever assembly is damaged or worn. Refrigerator is not level.	Re-check installation steps (Section 5). Clear any debris or objects. Inspect the part for visible damage; replace if necessary. Adjust refrigerator leveling feet.
Door makes unusual noises when opening/closing.	Lever assembly components are dry or worn. Misalignment of the door.	Inspect for wear; replacement may be needed. Check door hinges for proper alignment.

If troubleshooting steps do not resolve the issue, please contact customer support.

9. SPECIFICATIONS

Attribute	Detail
Brand	Acupress
Manufacturer	Acupress
Model Numbers	3527780, AP5620329
Replaces Part Numbers	3527780, AP5620329, DA97-12625A, DA97-13070A, PS4176636
Country of Origin	China
ASIN	B0DRJKXW1K
Approximate Dimensions (per unit)	1.9 inches (length) x 1.6 inches (width) x 0.3 inches (thickness)

REFRIGERATOR AUTO CLOSE LEVER

Product size

Located at the top of the refrigerator door, it helps to smoothly open and close the door.



Figure 9.1: Product dimensions for the Refrigerator Auto Close Lever Assembly.

10. CUSTOMER SUPPORT

Acupress is committed to ensuring customer satisfaction. If you require further assistance, have questions regarding installation, compatibility, or encounter any issues with your product, please do not hesitate to contact us. We are dedicated to providing support and ensuring you are happy with your purchase.

For support, please refer to the contact information provided with your purchase or visit the official Acupress support channels.