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› Presto Pressure Cooker/Canner Air Vent Cover/Lock (Part 85407) Instruction Manual

Presto 85407

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Model: 85407

1. PRODUCT OVERVIEW

The Presto Air Vent and Cover Lock Assembly, Part Number 85407, is an original equipment manufacturer (OEM) replacement component designed for Presto pressure cookers and canners. This essential part performs two critical functions:

- **Air Venting:** It facilitates the release of air from the pressure cooker during the initial heating phase, ensuring a proper pressure seal can be achieved.
- **Cover Locking:** It securely locks the pressure cooker cover in place once pressure begins to build, preventing accidental opening during operation. It also provides a visual indicator of the pressure status.

This assembly is crucial for the safe and effective operation of your Presto pressure cooker or canner.



Image 1.1: Presto Air Vent and Cover Lock Assembly (Part 85407). This image displays the complete air vent and cover lock assembly, showing its metallic construction and design.

2. COMPATIBILITY

This Presto Air Vent and Cover Lock Assembly (Part 85407) is compatible with a wide range of Presto pressure

cooker and canner models. It is a functional equivalent to prior parts including 24033, 29008, and 33006.

Compatible models include, but are not limited to:

- 0135004
- 62051740
- 01/C22
- 4650
- 6204659
- 62051741
- 62051700
- 6204657
- 6204656
- 01210
- 01/CG22
- 62046472
- 6204650
- 0125005
- 0125004
- 0121004
- 01250
- 0177001
- 0131004
- 0131001
- 4646
- 4647
- 0135001
- 4648
- 4649
- 00910
- 62051731
- 62051730
- 01/C13
- 0178001
- 01/C17
- 0174001
- 0178003
- 0178002
- 0178004
- 4656
- 4657
- 4659
- 01310
- 79351
- 79350

- 01710
- 79352
- 0171001
- 0171002
- 0091001
- 01350
- 0175002
- 0175003
- 0175004
- 0171003
- 5173
- 5174
- 6204649
- 6204648
- 6204647
- 6204646
- 62051710
- 62046461
- 5170
- 01780

3. INSTALLATION INSTRUCTIONS

Important Safety Notice: Always ensure your pressure cooker/canner is completely depressurized and cool before attempting any installation or maintenance. Refer to your main pressure cooker/canner owner's manual for specific safety precautions and detailed disassembly/assembly instructions for your model.

1. **Preparation:** Ensure the pressure cooker is unplugged (if electric), cool, and empty. Remove the lid from the cooker body.
2. **Remove Old Part (if applicable):** If replacing an existing air vent and cover lock, carefully remove the old component. This may involve unscrewing a nut from the underside of the lid or simply pulling the old part out, depending on your model. Dispose of the old part responsibly.
3. **Clean Area:** Thoroughly clean the opening on the pressure cooker lid where the air vent assembly is installed. Ensure there are no food particles or debris that could obstruct the new part.
4. **Install New Part:** Insert the new Presto Air Vent and Cover Lock Assembly (Part 85407) into the designated opening on the pressure cooker lid. Ensure it is seated correctly and securely.
5. **Secure the Part:** Depending on your specific pressure cooker model, you may need to secure the assembly from the underside of the lid with a retaining nut or clip. Tighten securely but do not overtighten.
6. **Functionality Check:** After installation, gently move the air vent/cover lock to ensure it moves freely and does not bind. Perform a water test (filling the cooker with water and bringing it to pressure without food) to confirm proper sealing and operation before first use with food.

4. OPERATING PRINCIPLES

The Air Vent and Cover Lock Assembly plays a vital role in the pressure cooking process:

- **Initial Venting:** As the pressure cooker heats up, steam is generated. The air vent allows the cooler air inside the cooker to escape, ensuring that only steam remains when pressure begins to build. This is crucial for achieving the correct internal temperature and pressure.
- **Pressure Locking:** Once sufficient steam has been vented and pressure starts to increase, the cover lock mechanism engages. This typically involves a pin or rod rising and physically preventing the lid from being opened while the cooker is under pressure. This is a primary safety feature.
- **Visual Indicator:** The rising of the cover lock often serves as a visual indicator that the cooker has reached pressure and the lid is securely locked. Conversely, when the pressure drops, the lock will retract, indicating it is safe to open the lid.

5. MAINTENANCE

Regular maintenance of your Air Vent and Cover Lock Assembly ensures its continued safe and efficient operation.

- **Cleaning:** After each use, ensure the air vent and cover lock are clean and free of food particles. Wash with warm, soapy water and rinse thoroughly. Use a small brush if necessary to clear any blockages in the vent holes.
- **Inspection:** Periodically inspect the assembly for any signs of wear, damage, or corrosion. Ensure the moving parts operate smoothly without sticking. If the part appears damaged or worn, replace it immediately with a genuine Presto replacement part.
- **Storage:** Store the pressure cooker lid with the air vent assembly clean and dry.

Note: The product specifications indicate that this item is *not* dishwasher safe. Hand washing is recommended.

6. TROUBLESHOOTING

If you experience issues related to the air vent and cover lock assembly, consider the following:

- **Steam Escaping from Vent:**
 - *During initial heating:* This is normal as air is being vented. Steam should eventually stop escaping once pressure builds and the lock engages.
 - *After pressure builds:* If steam continues to escape excessively, the vent may be blocked, or the part may be damaged or improperly installed. Ensure the vent is clean and the part is seated correctly.
- **Lid Not Locking:**
 - Ensure the lid is properly aligned and closed on the cooker body.
 - Check if the air vent/cover lock mechanism is obstructed by food debris or is damaged.
 - Verify that enough pressure has built up for the lock to engage.
- **Lid Not Unlocking After Depressurizing:**
 - Ensure all pressure has been released. The cover lock should drop down. Do not force the lid open.
 - Check for any debris preventing the lock from retracting.

If troubleshooting steps do not resolve the issue, consult your main pressure cooker/canner owner's manual or contact Presto customer support.

7. SPECIFICATIONS

Attribute	Detail
Brand	Presto
Model Number	85407
Part Number	85407
Material	Steel
Color	Silver
Product Dimensions (D x W x H)	1"D x 3.1"W x 5.5"H
Special Feature	Replacement Part
Dishwasher Safe	No
Global Trade Identification Number (GTIN)	075741854076, 798527137698, 744539010375
UPC	075741854076, 798527137698, 744539010375

8. WARRANTY INFORMATION

This Presto Air Vent and Cover Lock Assembly (Part 85407) is covered by a **Limited 1 Year Warranty**. Please retain your proof of purchase for warranty claims. For full details regarding warranty terms and conditions, refer to the documentation provided with your original Presto pressure cooker/canner or visit the official Presto website.

9. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about other genuine Presto replacement parts, please contact Presto customer service. You can typically find contact information on the official Presto website or in your original product manual.

Online Resources: Visit the Presto Store on Amazon