

Southbend Range 4440007

Southbend Range 4440007 Sprocket and Pin Kit Instruction Manual

1. PRODUCT OVERVIEW

This document provides instructions for the Southbend Range 4440007 Sprocket and Pin Kit. This kit is a genuine OEM replacement part designed for specific Southbend oven series.

- Genuine OEM replacement part ensures compatibility and performance.
- Manufactured by Southbend, a company with over one hundred years of experience in heavy-duty ovens, ranges, and steamers.
- Designed for safety, reliability, and optimal performance in compatible Southbend oven models.

2. PRODUCT COMPONENTS

The Southbend Range 4440007 kit includes a sprocket with 12 teeth and a 5/8" inner diameter, along with a roll pin for secure attachment.



Figure 2.1: The Southbend Range 4440007 Sprocket and Pin Kit. This image shows a metallic sprocket with 12 teeth and a central bore, accompanied by a cylindrical metallic roll pin. The sprocket has two small holes on its side, likely for securing the pin.

3. INSTALLATION INSTRUCTIONS

Important Safety Notice: Installation of this part should only be performed by a qualified service technician. Disconnect all power to the appliance before beginning any installation or maintenance procedures. Failure to do so may result in serious injury or damage to the appliance.

1. **Preparation:** Ensure the oven is completely powered off and cooled down. Access the area requiring the sprocket replacement according to your specific oven model's service manual.
2. **Removal of Old Part:** Carefully remove the existing sprocket and pin, noting its orientation and any associated components.
3. **Installation of New Sprocket:** Position the new 4440007 sprocket onto the shaft, ensuring proper alignment. The sprocket has a 5/8" inner diameter.
4. **Secure with Pin:** Insert the provided roll pin through the designated hole to secure the sprocket firmly in place. Ensure the pin is fully seated and provides a stable connection.
5. **Reassembly and Testing:** Reassemble any removed panels or components. Restore power to the oven and perform functional tests to ensure the sprocket operates correctly.

This kit is compatible with Southbend Oven Series: C, VS, X, XE, XSE.

4. OPERATION

The sprocket is a critical component in the mechanical drive system of your Southbend oven. Its primary function is to transmit rotational motion and power, typically as part of a chain drive, to operate various

mechanisms within the oven, such as conveyor systems or rotisserie functions, depending on the specific oven model and its configuration. Proper installation ensures smooth and reliable operation of these systems.

5. MAINTENANCE

Regular inspection and maintenance are crucial for the longevity and proper functioning of mechanical components. While this sprocket and pin kit is designed for durability, periodic checks are recommended.

- **Visual Inspection:** Periodically inspect the sprocket and pin for signs of wear, corrosion, or damage. Look for chipped teeth, bent pins, or excessive play.
- **Cleaning:** Keep the area around the sprocket clean and free from debris, grease, or food particles that could impede its movement or cause premature wear.
- **Lubrication:** Consult your specific Southbend oven's service manual for lubrication requirements for drive components. If lubrication is specified, use only food-grade lubricants suitable for high-temperature environments.
- **Replacement:** If significant wear or damage is observed, replace the sprocket and pin kit promptly to prevent further damage to the oven's mechanical system.

6. TROUBLESHOOTING

If the oven's mechanical system, where this sprocket is installed, is not functioning as expected, consider the following:

- **Improper Installation:** Verify that the sprocket and pin are correctly installed and securely fastened according to the instructions in Section 3.
- **Wear and Tear:** Inspect the sprocket and pin for excessive wear. Worn teeth or a loose pin can lead to slippage or complete failure of the drive system.
- **Obstructions:** Check for any foreign objects or debris that might be obstructing the sprocket's movement or the associated chain/belt.
- **Associated Components:** Issues might stem from other parts of the drive system, such as the chain, motor, or bearings. A qualified technician should inspect the entire system.

For complex issues or if you are unsure about any repair, it is highly recommended to contact a certified Southbend service technician.

7. SPECIFICATIONS

Attribute	Detail
Manufacturer	Southbend Range
Item Model Number	4440007
Product Description	Sprocket with roll pin, 12 teeth, 5/8" ID
Compatible Oven Series	C, VS, X, XE, XSE
Product Dimensions (LxWxH)	17.8 x 12.7 x 10.2 Centimeters
Item Weight	45.4 g

ASIN	B00NBAQAS2
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8. WARRANTY AND SUPPORT

As a genuine OEM replacement part, the Southbend Range 4440007 Sprocket and Pin Kit is manufactured to high standards. For specific warranty information, please refer to the documentation provided with your original Southbend oven or contact Southbend Range directly.

For technical support, service inquiries, or to locate authorized service providers, please visit the official Southbend Range website or contact their customer service department. Always provide your oven's model and serial number when seeking support.