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› Kenmore 7171250 Water Softener Cam Bearing Instruction Manual

## Kenmore 7171250

# Kenmore Water Softener Cam Bearing Instruction Manual

MODEL: 7171250

## 1. Product Overview

This manual provides essential information for the Kenmore 7171250 Water Softener Cam Bearing. This component is a genuine Original Equipment Manufacturer (OEM) part designed specifically for Kenmore water softeners. The cam bearing plays a crucial role in the proper functioning of the water softener's internal mechanisms, facilitating smooth operation of the control valve during regeneration cycles.



Image showing the Kenmore 7171250 Water Softener Cam Bearing, a small, blue, circular component. This part is essential for the smooth operation of the water softener's control valve.

## 2. Safety Information

Always prioritize safety when working with appliances. Failure to follow these safety guidelines may result in personal injury or property damage.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the water softener's power supply is disconnected at the circuit breaker or by unplugging the unit.
- **Turn Off Water Supply:** Close the main water supply valve to the water softener to prevent water flow during the repair.
- **Depressurize System:** Open a nearby faucet to relieve any remaining water pressure in the system.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection, to prevent injury.
- **Consult Professional:** If you are unsure about any step, it is recommended to consult a qualified appliance repair technician.

### 3. Setup and Installation

The Kenmore 7171250 Cam Bearing is a replacement part. Installation typically involves disassembling the water softener's control valve to access and replace the worn or broken cam bearing. Specific steps may vary depending on your water softener model. Refer to your water softener's main service manual for detailed, model-specific instructions.

**General Installation Steps (Consult your specific model's manual for precise instructions):**

1. Perform all safety precautions listed in Section 2.
2. Locate the water softener's control valve assembly.
3. Carefully disassemble the control valve to expose the cam and cam bearing components. Note the orientation of all parts during disassembly.
4. Remove the old, damaged cam bearing.
5. Install the new Kenmore 7171250 Cam Bearing, ensuring it is correctly seated and oriented according to your water softener's service manual.
6. Reassemble the control valve, ensuring all seals and gaskets are properly in place.
7. Restore water supply and power, then check for leaks and proper operation.

*Note:* Some installations may require specialized tools or knowledge. If you are not comfortable performing this repair, seek professional assistance.

### 4. Operating Instructions

As a replacement part, the Kenmore 7171250 Cam Bearing does not have independent operating instructions. Its function is to enable the proper operation of your water softener's control valve. Once installed correctly, the water softener should resume its normal regeneration cycles and water softening process. Refer to your water softener's main user manual for instructions on programming and operating the complete unit.

### 5. Maintenance

The Kenmore 7171250 Cam Bearing is designed for durability. Regular maintenance for your water softener typically involves:

- **Salt Level Check:** Ensure the salt level in the brine tank is maintained appropriately.
- **Cleaning:** Periodically clean the brine tank and injector assembly as recommended by your water softener's manufacturer.
- **Inspection:** During other maintenance or if issues arise, inspect the cam bearing for signs of wear, cracks, or damage. Replace if necessary.

Proper maintenance of the entire water softener system will extend the life of all its components, including the cam bearing.

### 6. Troubleshooting

If your water softener is not functioning correctly after replacing the cam bearing, consider the following common issues:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                              | Possible Cause                                                                      | Solution                                                                                              |
|------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Water softener not regenerating or cycling properly. | Incorrect installation of the cam bearing or other control valve components.        | Review installation steps. Ensure all parts are correctly seated and aligned. Check for obstructions. |
| Unusual noises from the control valve.               | Cam bearing not moving smoothly, or other internal components are misaligned.       | Re-inspect the cam bearing and surrounding gears/cams for proper fit and lubrication (if applicable). |
| Water softener not softening water.                  | Beyond cam bearing; could be salt bridge, clogged injector, or other system issues. | Check salt levels, clean brine tank, and consult your water softener's main troubleshooting guide.    |

If troubleshooting steps do not resolve the issue, it is advisable to contact a certified technician or Kenmore customer support.

## 7. Specifications

| Attribute            | Detail                  |
|----------------------|-------------------------|
| Part Name            | Cam Bearing             |
| Model Number         | 7171250                 |
| Manufacturer         | Kenmore                 |
| ASIN                 | B00T8987AO              |
| Package Dimensions   | 2.6 x 1.5 x 0.16 inches |
| Item Weight          | 0.04 ounces             |
| Date First Available | November 21, 2017       |

## 8. Warranty and Support

For specific warranty information regarding the Kenmore 7171250 Water Softener Cam Bearing, please refer to the original purchase documentation or contact the retailer from whom the part was purchased. As an OEM part, warranty coverage may be provided by Kenmore or the seller.

For further support or inquiries about Kenmore products, you may visit the official Kenmore website or contact their customer service department. You can also visit the [Kenmore Store on Amazon](#) for more information.

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