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› Mintu Water Inlet Valve Replacement Instruction Manual

Mintu ED2GVEXVD00

Mintu Water Inlet Valve Replacement Instruction Manual

Model: ED2GVEXVD00

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of the Mintu Water Inlet Valve Replacement. This component is crucial for the proper functioning of your refrigerator's ice maker and water dispenser system.



Image 1.1: Front view of the Mintu Water Inlet Valve Replacement. This valve controls the flow of water to the ice maker and water dispenser.

2. COMPATIBILITY

This water inlet valve is designed as a direct replacement for various refrigerator models from Whirlpool, Kenmore, KitchenAid, Estate, Roper, and Amana. Please verify your refrigerator's model number against the list below to ensure compatibility.

Compatible Whirlpool Models: ED5FVGXSS00, ED2NHGXVQ01, ED5FHEXNT01, ED5FVGXWS07, ED2NHGXVQ00, ED2JHGXR02, GD25DFXFW01, ED2VHEXVB01, ED5VHEXVB01, ED2VHEXTL01, ED5PHEXNB00, GS5SHAXSB01, ED5FVGXWS00, GD5RVAXVY03, ED5JHEXTB00, ED5JHEXTQ00, ED2GHEXNT00, ED5FHEXNB01, ED2GVEXVD01, ED25RFXFW01, GS6SHEXNS02, GD5RVAXVY01, ED5YHEXMQ00, GS6SHEXNL00, ED2FHEXNQ00, ED2FHEXNS00, GD5SHAXLT02, GS5SVAXVA01, GS5SHAXNL00, GS6SHEXNS00, GD5RHAXNB00, ED5VHEXVQ00, ED2VHEXVQ00, GC3SHEXNT03, ED5VHEXVQ, ED22RFXFW00, ED2GVEXVD00, ED5FVGXSS01.

Compatible Kenmore Models: 106.52542101, 106.57036602, 106.58522700, 106.51044100, 106.56666501, 106.54589400, 106.56672500, 106.58943801, 106.54582400, 106.51102110, 106.55622500, 106.52532101, 106.55606400, 106.58972700, 106.59422801, 106.52552100, 106.56539400, 106.55249400, 106.59963803, 106.55244400, 106.57216600, 106.56542400, 106.57032601, 106.58587890, 106.55544401, 106.57362700, 106.50792000, 106.57024601, 106.58976700, 106.54234400, 106.50589001, 106.56536400, 106.53582300, 106.52582202, 106.51109110, 106.58422700, 106.58966700, 106.56586500, 106.56589500, 106.73206300, 106.55612400, 106.51123211, 106.58142800, 106.57372700, 106.52603100, 106.59562990, 106.56662500, 106.56536401.

Compatible KitchenAid Models: KSRL25FRST04, KSRA25ILSS13, KSRS27FGBL01, KSRG25FKSS16, KSRS25CNWH00, KSRG25FKWH01, KSRS22FGBT04, KSRS25FGSS13, KSRS25FGWH02, KSRP25FNSS00, KSRS25IKSS03, KSRT25FWMS01, KSRS25CNSS00, KSRG25FKSS05, KSRP25FSWH01.

Compatible Estate Models: TS25AFXKQ01.

Compatible Roper Models: RS25AGXNQ00.

Compatible Amana Models: ASD2522WRD03, ASD2522WRB01.

3. SAFETY INFORMATION

Always prioritize safety when performing appliance repairs. Failure to follow these instructions could result in electric shock, fire, or personal injury.

- **Disconnect Power:** Before beginning any repair, always unplug the refrigerator from the electrical outlet or turn off the circuit breaker to the appliance.
- **Turn Off Water Supply:** Close the main water supply valve to the refrigerator before disconnecting any water lines.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses.
- **Drain Water:** Be prepared for residual water in the lines. Have towels and a bucket ready.
- **Professional Assistance:** If you are unsure about any step, consult a qualified appliance technician.

4. INSTALLATION (SETUP)

Follow these steps carefully to replace the water inlet valve.

1. Prepare the Refrigerator:

- Unplug the refrigerator from the power outlet.
- Turn off the water supply to the refrigerator.
- Pull the refrigerator away from the wall to access the back panel.

2. Access the Valve:

- Locate and remove the screws securing the rear access panel of the refrigerator. Carefully remove the panel.
- Identify the existing water inlet valve. It will have water lines and electrical connections attached.

3. Disconnect Old Valve:

- Place a towel and a small container beneath the valve to catch any dripping water.
- Disconnect the water lines from the old valve. Note which line goes to which port if there are multiple.
- Carefully disconnect the electrical wiring harness from the valve.
- Remove any mounting screws or clips holding the old valve in place and remove it.

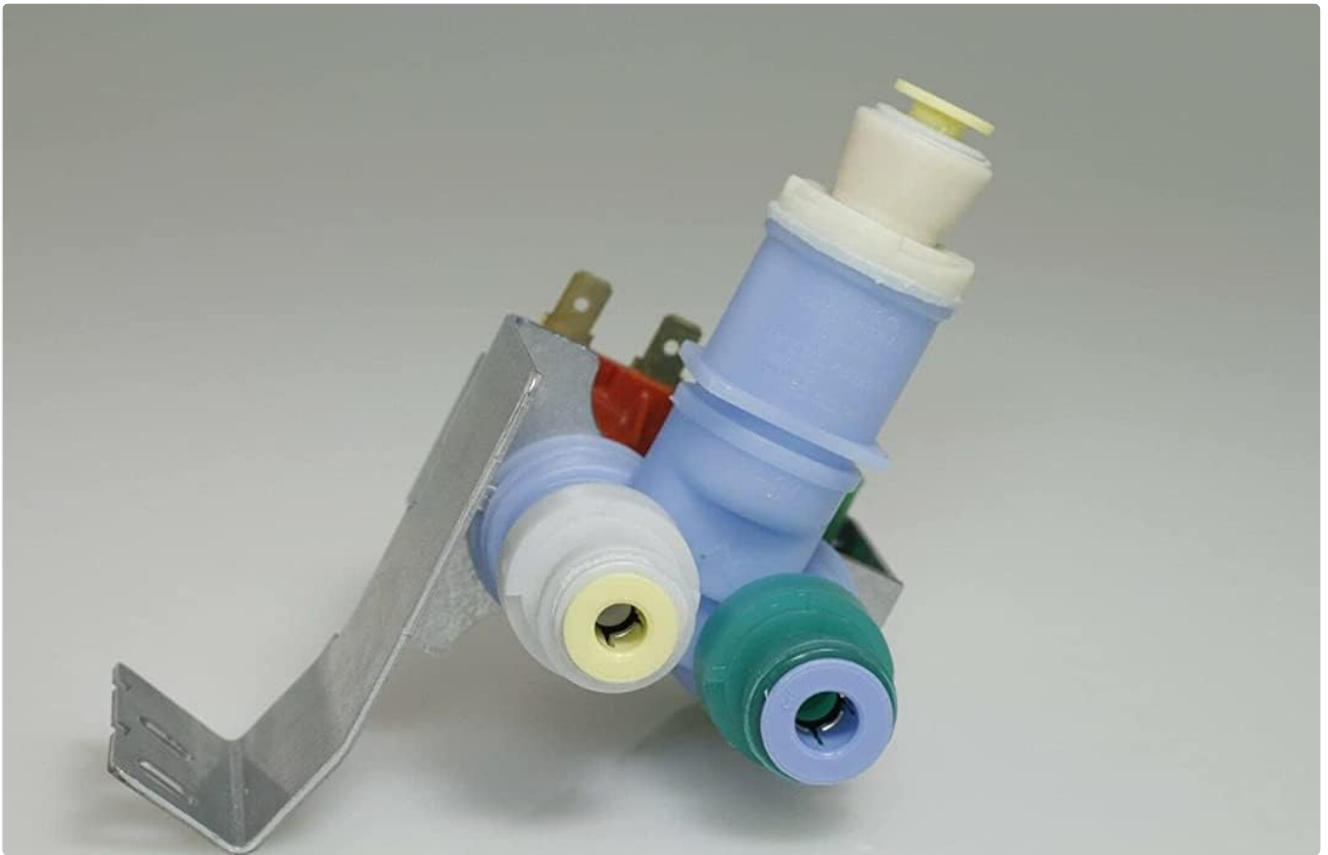


Image 4.1: Side view of the water inlet valve, showing the water line connections. Ensure proper orientation during installation.

4. Install New Valve:

- Position the new Mintu water inlet valve in the same location as the old one.
- Secure the new valve with the mounting screws or clips.
- Connect the electrical wiring harness to the new valve. Ensure connections are secure.
- Reconnect the water lines to the appropriate ports on the new valve. Hand-tighten connections, then use a wrench for a snug fit, but do not overtighten.

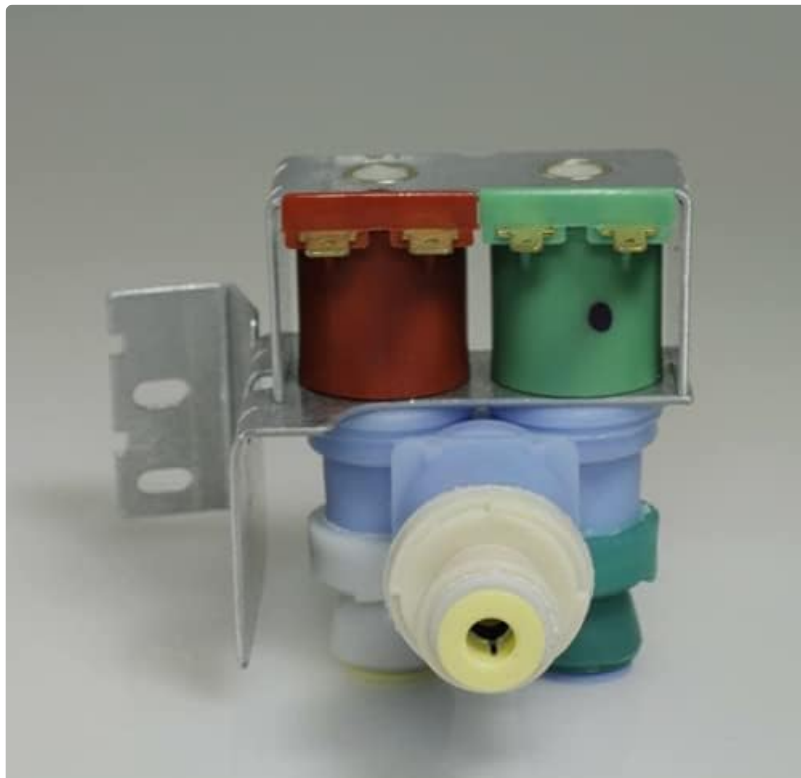


Image 4.2: View of the water inlet valve showing the various connection points for water lines and electrical wiring.

5. Test and Reassemble:

- Turn on the water supply to the refrigerator and check for any leaks around the valve connections. Tighten if necessary.
- Plug the refrigerator back into the electrical outlet.
- Test the water dispenser and ice maker to ensure proper operation and water flow.
- Once confirmed, replace the rear access panel and secure it with screws.
- Push the refrigerator back into its position.

5. FUNCTION AND OPERATION

The water inlet valve is an electrically operated valve that opens to allow water to flow into the refrigerator for the ice maker and water dispenser. When the refrigerator calls for water (e.g., when you press the water dispenser lever or the ice maker needs to fill), the valve receives an electrical signal, causing it to open. Once the required amount of water has been dispensed or the ice maker mold is filled, the signal stops, and the valve closes, preventing further water flow.

Proper operation of this valve ensures a consistent supply of fresh water and ice.

6. MAINTENANCE

- The water inlet valve itself typically requires no routine maintenance. However, to ensure its longevity and proper function, consider the following:
- **Water Quality:** If your home has hard water, mineral deposits can build up over time and affect the valve. Consider installing a water filter for your home's main water supply or a dedicated filter for the refrigerator's water line.
 - **Leak Checks:** Periodically inspect the area around the water inlet valve and water lines for any signs of leaks or moisture. Address any leaks promptly to prevent damage.
 - **Clean Rear Panel:** When accessing the valve, gently clean any dust or debris from the rear components of the refrigerator to ensure proper airflow.

7. TROUBLESHOOTING

If you experience issues with your refrigerator's water or ice system after replacing the valve, consider these common troubleshooting steps:

Problem	Possible Cause	Solution
No water from dispenser / No ice production	Water supply valve closed Kinked water line Clogged water filter Improper electrical connection to valve	Ensure water supply valve is fully open. Check water lines for kinks or blockages. Replace refrigerator water filter if due. Verify electrical connections to the valve are secure.
Water leak around valve	Loose water line connection Damaged water line or fitting	Gently tighten water line connections. Do not overtighten. Inspect water lines and fittings for cracks or damage; replace if necessary.

Problem	Possible Cause	Solution
Slow water flow	Low household water pressure Partially clogged water filter	Check household water pressure. Replace refrigerator water filter.

If troubleshooting steps do not resolve the issue, professional assistance may be required.

8. SPECIFICATIONS

- **Part Type:** Water Inlet Valve Replacement
- **Brand:** Mintu
- **Model Number:** ED2GVEXVD00
- **UPC:** 824252618239
- **Compatibility:** Designed for specific Whirlpool, Kenmore, KitchenAid, Estate, Roper, and Amana refrigerator models. Refer to Section 2 for a detailed list.
- **Function:** Controls water flow to ice maker and water dispenser.

9. WARRANTY INFORMATION

Mintu products are manufactured to high-quality standards. This water inlet valve replacement typically comes with a standard manufacturer’s warranty covering defects in materials and workmanship. For specific warranty terms and duration, please refer to the packaging or contact Mintu customer support. Keep your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding this product, please contact Mintu customer service. When contacting support, please have your product model number (ED2GVEXVD00) and purchase information ready.

Online Support: Visit the [Mintu Store on Amazon](#) for product information and updates.

We are committed to ensuring your satisfaction with our products.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question