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Admiral 21001932

Admiral Washing Machine Inlet Water Valve Replacement Manual

Model: 21001932

OVERVIEW

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of the Admiral 21001932 Washing Machine Inlet Water Valve. This component is a crucial part of your washing machine's water supply system, designed to control the flow of water into the appliance.



Image: The Admiral 21001932 Washing Machine Inlet Water Valve. This image displays the replacement water inlet valve, featuring its light-colored plastic body and two blue solenoid coils with metal terminals. The valve has an inlet connection on one end and an outlet on the other, designed for controlling water flow into a washing machine.

INSTALLATION GUIDE

Safety First: Always disconnect power to the washing machine and turn off the water supply before attempting any installation or repair.

Replacing the water inlet valve requires basic mechanical knowledge. If you are unsure about any step, it is recommended to consult a qualified appliance technician.

- 1. Preparation:** Unplug the washing machine from the electrical outlet. Turn off the hot and cold water supply valves connected to the washing machine.
- 2. Access the Valve:** Depending on your washing machine model, you may need to remove the back panel or top panel to access the water inlet valve. Refer to your washing machine's specific service manual for panel removal instructions.
- 3. Drain Water:** Place a towel or shallow pan under the water hoses to catch any residual water when disconnecting them.
- 4. Disconnect Hoses and Wiring:** Carefully disconnect the hot and cold water inlet hoses from the old valve. Label the hoses if necessary to ensure correct reattachment. Disconnect any electrical wiring harnesses connected to the valve's solenoids. Note their positions.
- 5. Remove Old Valve:** Unmount the old water inlet valve from its bracket or mounting points. This may involve unscrewing it or releasing clips.

6. **Install New Valve:** Position the new Admiral 21001932 valve in the same location as the old one. Secure it using the original mounting hardware.
7. **Reconnect:** Reconnect the electrical wiring harnesses to the corresponding solenoids on the new valve. Ensure connections are secure. Reattach the hot and cold water inlet hoses to the correct ports on the new valve. Hand-tighten, then use a wrench for a snug fit, but do not overtighten.
8. **Restore and Test:** Reattach any panels removed. Turn on the hot and cold water supply valves. Check for any leaks around the connections. Plug the washing machine back into the electrical outlet. Run a short wash cycle to confirm proper operation and check for leaks again.

For optimal performance and safety, ensure all connections are tight and no leaks are present before regular use.

OPERATION

The Admiral 21001932 Water Inlet Valve is an electromechanical component that controls the flow of water into your washing machine's tub. When the washing machine's control board signals for water, the solenoids within the valve are energized, opening internal gates to allow water from your household supply to enter the machine. The valve precisely manages the hot and cold water mix according to the selected wash cycle temperature.

Proper operation of this valve ensures accurate water filling and temperature control for effective laundry cycles.

MAINTENANCE

The Admiral 21001932 Water Inlet Valve is designed for durability and typically requires minimal maintenance. However, periodic checks can help ensure its longevity and prevent issues:

- **Leak Inspection:** Regularly inspect the area around the water inlet valve and hoses for any signs of leaks or drips. Address any leaks immediately to prevent water damage.
- **Inlet Screens:** Most water inlet valves have small screens at the hose connections to filter out sediment from the water supply. If water flow becomes restricted, these screens may be clogged and require cleaning. To clean, turn off water, disconnect hoses, carefully remove screens, rinse them under running water, and reinsert.
- **Hose Condition:** Check the condition of the water inlet hoses. Replace any hoses that show signs of cracking, bulging, or wear.

Always disconnect power and water supply before performing any maintenance.

TROUBLESHOOTING

If your washing machine is experiencing water-related issues after valve replacement, consider the following common problems and solutions:

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

| Problem | Possible Cause | Solution |
|--|--|---|
| Washing machine not filling with water. | Water supply valves are off; clogged inlet screens; faulty wiring connection to valve; valve solenoid failure. | Ensure water supply is on. Clean inlet screens. Check wiring for secure connection. If valve is new and still not working, it may be defective (rare). |
| Washing machine fills slowly. | Partially closed water supply valves; clogged inlet screens; low water pressure. | Fully open water supply valves. Clean inlet screens. Check household water pressure. |
| Water leaks from valve area. | Loose hose connections; damaged hoses; cracked valve housing. | Tighten hose connections (do not overtighten). Inspect hoses for damage and replace if necessary. If valve housing is cracked, the valve needs replacement. |
| Washing machine overfills or continuously fills. | Faulty water inlet valve (stuck open); pressure switch issue (less likely if only valve was replaced). | Disconnect power immediately. If the valve is new and this occurs, it may be defective. Contact a technician. |

If troubleshooting steps do not resolve the issue, or if you are uncomfortable performing repairs, it is advisable to contact a certified appliance repair technician.

SPECIFICATIONS

- **Part Number:** 21001932
- **Brand:** Admiral (Replacement Part)
- **Material:** Metal (Internal components), Plastic (Housing)
- **Item Dimensions (L x W x H):** Approximately 2 x 2 x 2 inches
- **Exterior Finish:** Stainless Steel (referring to internal metal parts or connectors)
- **Inlet Connection Size:** 1 Inch
- **Inlet Connection Type:** Compression
- **Outlet Connection Size:** 2 Inches
- **Outlet Connection Type:** NPT
- **Number of Ports:** 1
- **Valve Type:** Check Valve (as per specification, likely referring to internal mechanism)
- **Item Weight:** Approximately 12 ounces
- **Country of Origin:** USA (as per product data, though some reviews mention generic parts)
- **Universal Design:** Designed for broad compatibility with various washing machine models.

WARRANTY INFORMATION

As a replacement part, the warranty for the Admiral 21001932 Water Inlet Valve is typically provided by the seller or manufacturer of the replacement part, not necessarily by the original appliance manufacturer. Please refer to your purchase documentation or contact the retailer from whom you purchased this valve for specific warranty terms and conditions. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For further assistance, technical questions, or to report issues with your Admiral 21001932 Washing Machine Inlet Water Valve, please contact the seller or the manufacturer of this replacement part. Have your product model number (21001932) and purchase details ready when contacting support.

You may also find helpful resources and community forums online by searching for "washing machine repair" or "water inlet valve replacement" along with your washing machine's brand and model.