

ALLIANCE LAUNDRY SYSTEMS 205547P

ALLIANCE LAUNDRY SYSTEMS Mixing Valve 205547P User Manual

Model: 205547P

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your ALLIANCE LAUNDRY SYSTEMS Mixing Valve, Model 205547P. This genuine OEM part is designed for use with Alliance Laundry Systems washers. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage.

2. SAFETY INFORMATION

- Always disconnect power to the appliance before attempting any service or installation.
- Turn off the water supply to the appliance before working on water-related components.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- If you are unsure about any step, consult a qualified technician.
- Ensure all connections are secure and leak-free after installation.

3. PRODUCT OVERVIEW

The ALLIANCE LAUNDRY SYSTEMS Mixing Valve 205547P is a critical component in your washing machine, responsible for controlling the flow and temperature of water entering the wash tub. This dual-solenoid valve operates at 120V, 50/60Hz, and has a flow rate of 4.4 gallons per minute (GPM). It is a genuine OEM replacement part, ensuring compatibility and performance with your Alliance Laundry Systems washer. This part also replaces previous part numbers 202395p and 202395.



An image showing the ALLIANCE LAUNDRY SYSTEMS 205547P Mixing Valve, a light blue and white plastic component with two solenoid coils and threaded water inlets.

4. SETUP AND INSTALLATION

Installation of the mixing valve typically involves accessing the rear or top of your washing machine. Due to variations in washer models, specific steps may differ. Always refer to your appliance's service manual for detailed, model-specific instructions.

4.1 Locating Your Washer's Model Number

Before ordering or installing any replacement part, it is crucial to verify compatibility using your washer's model number. The model number is typically found around the lid or door opening of your washing machine.

Video: This video from Supplying Demand explains how to locate the model number on a clothes washer to ensure part fitment and compatibility.

4.2 General Installation Steps (Consult Appliance Manual for Specifics)

1. **Disconnect Power and Water:** Unplug the washer from the electrical outlet and turn off the hot and cold

water supply valves.

2. **Access the Valve:** Depending on your washer model, you may need to remove the top panel, rear panel, or access the valve from inside the machine.
3. **Disconnect Hoses and Wiring:** Carefully disconnect the water inlet hoses from the old valve. Label or photograph the wiring connections before disconnecting them from the solenoids.
4. **Remove Old Valve:** Unmount the old mixing valve from its position.
5. **Install New Valve:** Mount the new 205547P mixing valve in the same location.
6. **Reconnect Wiring and Hoses:** Reconnect the electrical wiring to the solenoids and attach the hot and cold water inlet hoses. Ensure connections are tight to prevent leaks.
7. **Restore Water and Power:** Slowly turn on the water supply valves and check for leaks. Once confirmed, plug the washer back into the electrical outlet.
8. **Test Operation:** Run a short wash cycle to confirm proper water fill and temperature mixing.

5. OPERATING INSTRUCTIONS

The mixing valve operates automatically as part of your washing machine's cycle. When a wash cycle is selected, the washer's control board sends signals to the solenoids on the mixing valve. These solenoids open and close, allowing hot and cold water to enter the tub in specific proportions to achieve the desired water temperature for the selected wash setting.

6. MAINTENANCE

The 205547P mixing valve is designed for durability and typically requires minimal maintenance. However, regular checks can help prolong its lifespan and ensure optimal performance:

- **Inspect Water Hoses:** Periodically check the water inlet hoses connected to the valve for cracks, bulges, or leaks. Replace damaged hoses immediately.
- **Clean Inlet Screens:** The valve has small screens at the water inlets to prevent debris from entering. If water flow is reduced, these screens may be clogged and require cleaning. Turn off water, disconnect hoses, remove and clean screens, then reassemble.
- **Check for Leaks:** Regularly inspect the area around the valve for any signs of water leaks. Address any leaks promptly to prevent damage to your appliance or home.

7. TROUBLESHOOTING

If you experience issues with water filling or temperature, the mixing valve may be a factor. Here are some common troubleshooting scenarios:

- **No Water Entering Washer:**
 - Ensure water supply valves are fully open.
 - Check inlet screens for clogs.
 - Verify electrical connection to the valve solenoids.
 - A faulty solenoid may prevent water flow.
- **Slow Water Fill:**
 - Clogged inlet screens are a common cause.
 - Low water pressure in your home.

- **Incorrect Water Temperature:**

- One of the solenoids (hot or cold) may be faulty, preventing the correct water mix.
- Ensure hot and cold water supply lines are connected to the correct inlets on the valve.

- **Water Leaks from Valve:**

- Check hose connections for tightness.
- Inspect the valve body for cracks or damage.
- Internal valve failure may require replacement.

For further assistance, consider viewing a 360-degree product video of the 205547P valve:

Video: A 360-degree view of the Supplying Demand 205547P Mixing Valve, showcasing its design and connections from all angles.

A 360-degree product video for the related part number 202395P is also available:

Video: A 360-degree view of the Supplying Demand 202395P Mixing Valve, a part number that the 205547P replaces.

8. SPECIFICATIONS

Specification	Detail
Brand Name	ALLIANCE LAUNDRY SYSTEMS
Model Number	205547P
Item Weight	0.16 ounces
Package Dimensions	4 x 4 x 4 inches
Part Number	205547P
Form Factor	Freestanding
Access Location	Top Load
Batteries Required?	No
Manufacturer	Alliance Laundry Systems

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your ALLIANCE LAUNDRY SYSTEMS Mixing Valve 205547P, please contact the manufacturer, Alliance Laundry Systems, or your authorized dealer. Keep your purchase receipt and product model number handy for faster service.