

ALLIANCE LAUNDRY SYSTEMS 37820

ALLIANCE LAUNDRY SYSTEMS 37820 Drive Belt Instruction Manual

Model: 37820 | Brand: ALLIANCE LAUNDRY SYSTEMS

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the ALLIANCE LAUNDRY SYSTEMS 37820 Drive Belt. This genuine OEM part is designed to connect the drive motor to the drive system in compatible washing machines, enabling the basket to agitate and spin effectively. Adhering to these instructions will help ensure optimal performance and longevity of the drive belt.



Figure 1: ALLIANCE LAUNDRY SYSTEMS 37820 Drive Belt. This image displays the black drive belt, which is a crucial component for washer functionality.

2. SAFETY INFORMATION

WARNING: Before attempting any installation or maintenance, always disconnect the appliance from all utilities (power, water, gas) to prevent electric shock, injury, or property damage.

- Wear appropriate personal protective equipment (PPE), such as gloves and safety glasses, during installation.
- Ensure the work area is well-lit and clear of obstructions.
- If you are unsure about any step, consult a qualified technician.
- Keep children and pets away from the appliance during service.

3. COMPATIBILITY

The ALLIANCE LAUNDRY SYSTEMS 37820 Drive Belt is compatible with various commercial washer brands. Verify your appliance's model number to ensure proper fitment.

Compatible Brands:

- Alliance
- Amana
- Econo-Wash
- Cissell
- Huebsch
- Maytag
- Speed Queen
- Unimac

4. INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing a washing machine drive belt. Specific procedures may vary by appliance model. Refer to your washing machine's service manual for detailed instructions.

1. **Disconnect Power:** Unplug the washing machine from the electrical outlet.
2. **Access the Drive System:** Depending on your washer model, this may involve removing the back panel, front panel, or tilting the machine. Secure any panels or components removed.
3. **Locate the Old Belt:** Identify the existing drive belt connecting the motor pulley to the transmission or tub pulley.
4. **Remove the Old Belt:** Carefully remove the old belt. This may require releasing tensioners or gently prying the belt off the pulleys. Note its routing for reference.
5. **Inspect Pulleys:** Check both the motor and transmission/tub pulleys for any damage, wear, or debris. Clean them if necessary.
6. **Install the New Belt:** Place the new ALLIANCE LAUNDRY SYSTEMS 37820 Drive Belt onto the pulleys. Ensure it is correctly seated and aligned. Apply tension as required by your washer's design (some belts are self-tensioning, others require manual adjustment).
7. **Verify Alignment:** Rotate the tub or motor pulley by hand a few times to ensure the belt is properly aligned and moves freely without rubbing against other components.
8. **Reassemble:** Reattach any panels or components removed during access. Ensure all fasteners are securely tightened.

9. **Reconnect Power:** Plug the washing machine back into the electrical outlet.
10. **Test Operation:** Run a short cycle (e.g., spin cycle) to confirm proper operation of the new drive belt. Listen for unusual noises.

5. OPERATION (POST-INSTALLATION)

After successful installation of the 37820 Drive Belt, the washing machine should resume normal agitation and spin functions. During the first few cycles, pay attention to any unusual noises or vibrations, which could indicate an issue with installation or other components.

- Ensure the washer tub spins freely and without obstruction.
- Confirm that the agitation cycle engages correctly.
- Verify that the spin cycle reaches appropriate speeds to extract water from laundry.

6. MAINTENANCE

Regular inspection and proper maintenance can extend the life of your drive belt and washing machine.

- **Periodic Inspection:** Annually, or if performance issues arise, inspect the drive belt for signs of wear, cracking, fraying, or glazing. Replace the belt if any damage is observed.
- **Cleanliness:** Keep the area around the motor and pulleys free of lint, debris, and detergent residue, which can cause premature belt wear.
- **Load Management:** Avoid consistently overloading the washing machine, as this can put excessive strain on the drive belt and motor.

7. TROUBLESHOOTING

If your washing machine experiences issues after belt replacement, consult the table below for common problems and potential solutions.

Problem	Possible Cause	Solution
Washer does not spin or agitate	Belt is loose or broken; Motor issue; Transmission issue	Check belt tension and condition; Inspect motor and transmission for faults.
Loud squealing noise during operation	Belt is slipping; Worn pulleys; Bearing issue	Check belt tension; Inspect pulleys for wear; Consult a technician for bearing issues.
Burning smell	Belt is slipping excessively; Motor overheating	Immediately disconnect power. Check belt tension and for obstructions. If smell persists, consult a technician.
Tub spins slowly or weakly	Belt is worn or loose; Overloaded washer	Inspect and replace belt if worn; Adjust belt tension; Reduce load size.

8. SPECIFICATIONS

- **Model Number:** 37820
- **Brand:** ALLIANCE LAUNDRY SYSTEMS
- **Item Weight:** Approximately 3.2 ounces
- **Product Dimensions:** Approximately 5 x 27 x 2.5 inches (packaging dimensions)
- **Color:** Black
- **Compatible Device:** Washing Machine
- **Included Components:** 37820 Drive Belt
- **Manufacturer:** Alliance Laundry Systems

9. DISPOSAL INFORMATION

When disposing of the old drive belt, please do so in accordance with local environmental regulations. Drive belts are typically made of rubber and synthetic materials, which may be recyclable in some areas. Consult your local waste management facility for proper disposal or recycling options.