

## GORENJE GS642D90W

# Gorenje GS642D90W Dishwasher Instruction Manual

Model: GS642D90W

## 1. INTRODUCTION

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Welcome and thank you for choosing the Gorenje GS642D90W dishwasher. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your appliance. Please read it thoroughly before first use and keep it for future reference.

## 2. SAFETY INFORMATION

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Before operating the appliance, ensure you read and understand all safety instructions. Improper use can lead to injury or damage to the appliance.

- **Electrical Safety:** Connect the dishwasher only to a properly grounded outlet. Do not use extension cords. Ensure the voltage matches the appliance's rating (220-240 V).
- **Water Connection:** Ensure water hoses are securely connected to prevent leaks. The AquaStop safety feature provides protection against leaks and overflows.
- **Child Safety:** Keep children away from the dishwasher, especially when it is operating or when the door is open. Detergents are corrosive.
- **Appliance Use:** This appliance is intended for household use only. Do not sit or stand on the open door.

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the main components of your Gorenje GS642D90W dishwasher.



Figure 1: Front view of the Gorenje GS642D90W dishwasher with the door partially open, showing the control panel and the upper rack.



Figure 2: Interior view of the Gorenje GS642D90W dishwasher, focusing on the lower basket, spray arm, and cutlery basket.

### Key Components:

- **Control Panel:** Located on the top edge of the door, featuring program selection, display, and function buttons.
- **Upper Basket:** Adjustable in height for accommodating larger items in the lower basket.
- **Lower Basket:** Designed for plates, large bowls, and pots. Features foldable/dividable pin rows.
- **Cutlery Basket/Tray:** Provides ultimate flexibility for washing cutlery, can be used as a whole or divided

into two parts.

- **Spray Arms:** Distribute water for effective cleaning.
- **Filter System:** Collects food particles to prevent clogging.
- **Detergent Dispenser:** For dishwasher detergent (powder, gel, or tablet).
- **Rinse Aid Dispenser:** For improved drying and shine.

## 4. SETUP AND INSTALLATION

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Follow these steps for proper installation of your freestanding dishwasher.

### 4.1 Unpacking

Carefully remove all packaging materials. Inspect the dishwasher for any damage incurred during transport. Report any damage immediately to your retailer.

### 4.2 Positioning

The Gorenje GS642D90W is a freestanding appliance. Place it on a firm, level surface. Ensure there is adequate space around the appliance for ventilation and door opening.



Figure 3: Dimensions of the Gorenje GS642D90W dishwasher. Width: 599 mm, Height: 845 mm, Depth: 597 mm.

### 4.3 Water Connection

- Connect the water inlet hose to a cold water tap. The dishwasher can also be connected to a hot water supply (max. 70°C) to shorten program times and reduce energy consumption.
- Connect the drain hose to a suitable drain pipe.
- The AquaStop safety function automatically interrupts the water supply in case of a leak or overflow, and the pump drains water from the tub.

### 4.4 Electrical Connection

Plug the power cord into a grounded electrical outlet (220-240 V). Do not use adapters or extension cords.

### 4.5 Leveling

Adjust the appliance's feet to ensure it is perfectly level. This prevents vibrations and ensures proper door closure.

## 5. OPERATING INSTRUCTIONS

This section guides you through the daily use of your dishwasher.

### 5.1 Control Panel

The control panel is designed for easy operation with clear indicators.



Figure 4: Control panel with program icons, display, and function buttons.

### 5.2 Loading the Dishwasher

Proper loading ensures optimal cleaning and drying results.

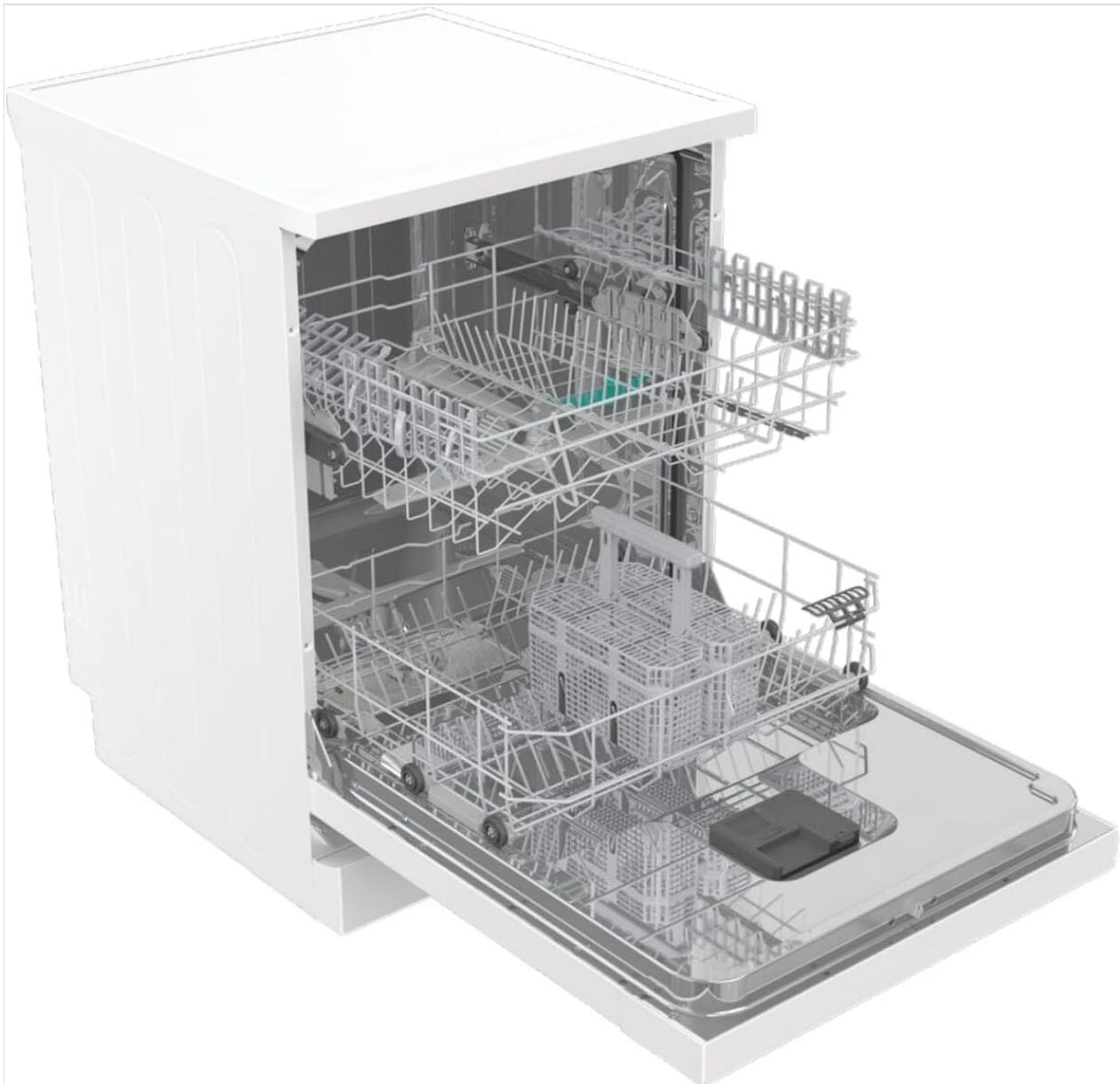


Figure 5: Both upper and lower baskets extended for loading.

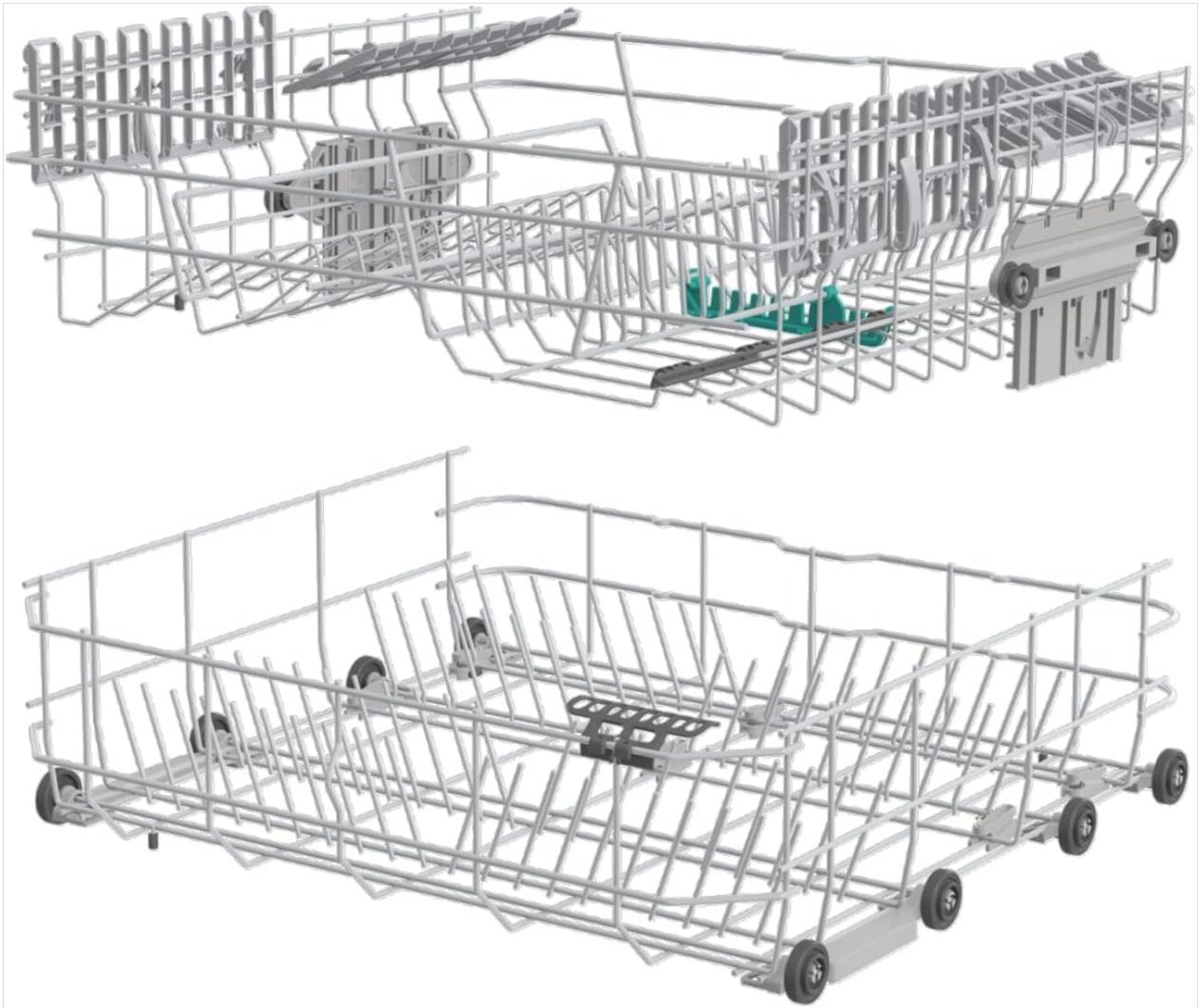


Figure 6: Detail of adjustable basket elements and cutlery organization.

- Scrape off large food particles before loading.
- Place glasses, cups, and smaller items in the upper basket. The upper basket is height-adjustable to accommodate taller items below.
- Place plates, bowls, and pots in the lower basket. The foldable/dividable pin rows allow for flexible loading of various items.
- Arrange cutlery in the dedicated cutlery basket or tray, ensuring items are separated to allow water to reach all surfaces.
- Ensure spray arms can rotate freely and are not blocked by dishes.

### 5.3 Adding Detergent and Rinse Aid

- Open the minimalist sliding detergent dispenser. Add the appropriate amount of dishwasher detergent (powder, gel, or tablet) according to the program and soil level. Close the dispenser securely.
- Fill the rinse aid dispenser with rinse aid. This aids in drying and prevents water spots. Adjust the dosage as needed.

### 5.4 Program Selection

Your dishwasher offers a variety of programs to suit different needs:

- **Automatic Program:** Special sensors detect the soil level of the dishes and adjust the main wash duration and water temperature (between 45°C and 65°C) for optimal and energy-saving cleaning.
- **1-Hour Program:** An effective and fast program for daily use with lightly dried residues, operating at

65°C.

- **Crystal Glasses Program:** A specially developed program with lower wash temperatures for gentle cleaning of delicate glassware, including crystal.
- **Hygiene Program:** Includes extra cold water rinses followed by a long wash at 70°C to remove 99.9% of bacteria, ideal for items requiring high hygiene standards (e.g., baby bottles).
- **Eco-Saving Program:** Uses lower wash and rinse temperatures and minimal water for effective dirt removal with reduced energy consumption (11 L water, 0.831 kWh energy, 190 min duration).
- **Intensive Program:** For heavily soiled pots and pans.
- **Favorite Program:** Allows you to save and quickly select your preferred wash settings.

## 5.5 Special Functions

- **TotalDry (Automatic Door Opening):** After the wash cycle, the door automatically opens slightly to release excess steam, ensuring perfectly dried dishes and saving up to 20% on energy costs.
- **SpeedWash:** Reduces the program duration, allowing for quicker cleaning. When combined with the 1-hour program, dishes can be washed in just 15 minutes.
- **Delayed Start:** Allows you to postpone the start of a wash cycle for up to 24 hours, useful for taking advantage of off-peak electricity rates.
- **3-in-1 Function:** Optimizes the wash cycle when using 3-in-1 detergent tablets.

## 5.6 Starting a Program

1. Load the dishwasher and add detergent/rinse aid.
2. Close the dishwasher door.
3. Press the Power button.
4. Select the desired program using the program selection buttons.
5. Select any desired special functions (e.g., SpeedWash, Delayed Start).
6. Press the Start button to begin the cycle.

## 5.7 End of Program

Once the program is complete, the dishwasher will signal the end of the cycle. If TotalDry is activated, the door will automatically open. Wait a few minutes before unloading to allow dishes to cool and dry completely.

# 6. MAINTENANCE AND CLEANING

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Regular maintenance ensures optimal performance and longevity of your dishwasher.

## 6.1 Self-Cleaning Program

Run the self-cleaning program once a month to maintain the cleanliness of the tub, spray arms, and pipes. This reduces the need for manual cleaning.

## 6.2 Filter Cleaning

The dishwasher features automatic prevention of filter clogging. However, it is recommended to periodically check and clean the filter system to ensure efficient operation. Remove any food residues from the filter.

## 6.3 Exterior Cleaning

Wipe the exterior surfaces of the dishwasher with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## 6.4 Interior Cleaning

Periodically wipe the interior of the dishwasher, including the door seal, to remove any residue buildup.

## 7. TROUBLESHOOTING

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Before contacting service, refer to this section for solutions to common issues.

- **Dishwasher does not start:** Check if the power cord is properly plugged in, the door is fully closed, and the circuit breaker has not tripped.
- **Poor cleaning results:** Ensure dishes are loaded correctly, spray arms are not blocked, detergent dispenser is filled, and the correct program is selected for the soil level. Check filter cleanliness.
- **Water not draining:** Check if the drain hose is kinked or blocked. Clean the filter system.
- **Error codes:** The dishwasher is equipped with a full error diagnosis system. Refer to the display for specific error codes and consult the manufacturer's support if the issue persists.
- **AquaStop activation:** If AquaStop activates, it indicates a leak. Turn off the water supply and power, then contact service.

## 8. SPECIFICATIONS

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Feature	Specification
Model Number	GS642D90W
Appliance Type	Freestanding Dishwasher
Color	White
Dimensions (W x H x D)	599 mm x 845 mm x 597 mm
Weight	43 kg
Energy Efficiency Class	D
Energy Consumption (Eco program)	0.831 kWh / 100 cycles (83 kWh)
Water Consumption (Eco program)	11 L
Noise Level	46 dB(A)
Capacity	14 Place Settings
Number of Programs	9
Max. Water Supply Temperature	60 °C (Hot water connection up to 70 °C possible)

Feature	Specification
Voltage	220-240 V
Tub Material	Stainless Steel
Special Features	TotalDry (Automatic Door Opening), AquaStop, SpeedWash, Delayed Start, Self-Cleaning Program, Adjustable Upper Basket

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support or service inquiries, please contact Gorenje customer service or an authorized service center. Ensure you have your model number (GS642D90W) and purchase details available.