EN

OPERATING INSTRUCTIONS

DISHWASHER
GVSP165J

gorenje

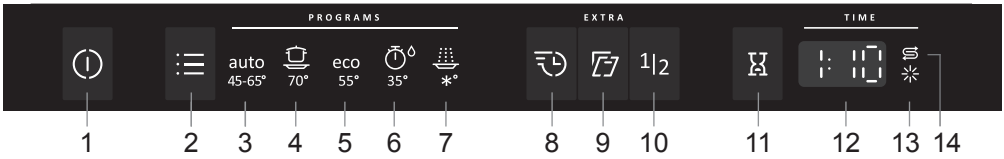


www.gorenje.com

Contents

Your dishwasher 2
Safety instructions 3
Before washing for the first time 4
Loading the dishwasher 6
Using the dishwasher 8
Settings 12
Care and cleaning 15
Troubleshooting 18
Installation 25
Service 27
Information for test institute 28
Technical information 32

Your dishwasher



1. Main power switch
2. Programme selector
3. Auto wash
4. Intensive wash
5. Eco wash
6. Quick wash
7. Rinse
8. SpeedWash
9. Auto open
10. Half load
11. Delayed start
12. Display
13. Rinse aid indicator
14. Salt indicator

General

- Read the operating instructions and keep them in a safe place!
- Never use the dishwasher for any purpose other than that specified in these operating instructions.
- Do not load the dishwasher door or dishwasher baskets with anything other than dishes.
- Never leave the dishwasher door open as someone may trip on it.
- Use only dishwasher detergent!
- This machine can be used by children aged 8 and upwards, and by people with reduced physical capacity, mental ability, memory loss or lacking experience and knowledge. These individuals must be supervised when using the machine or have instructions on how to use the machine and understand the risks that can occur. Cleaning of the machine must not be carried out by children without supervision.
- Damaged mains cables must only be replaced by a qualified electrician.
- Only use the dishwasher in household-type environments for dishwashing household dishes. All other use is prohibited.
- Never place dishes with solvent residues in the dishwasher due to the risk of explosion. Nor may dishes that contain ash, wax or lubricants be washed in the dishwasher.

⚠ WARNING!
Knives and other pointed items must be placed horizontally in the dishwasher's special cutlery baskets.

Installation

See the chapter Installation.

Child safety

Children must be watched. Do not allow children to use or play with the dishwasher. Be especially vigilant when the door is open. Some detergent may remain inside! After adding detergent, always start the dishwasher immediately.

⚠ WARNING!
Children must be supervised – dishwasher detergent is corrosive!

Winter storage/transport

Store the dishwasher above freezing and avoid long transport distances in very cold weather. Transport the dishwasher upright or laying on its back.

Overflow guard function

The overflow protection starts pumping out the machine and turns off the water supply if the water level in the dishwasher exceeds the normal level. If the overflow protection is triggered, turn off the water supply and call the service department.

Packing material

The packaging protects the product during transport. The packaging material is recyclable. Separate the different packaging materials to help reduce raw material use and waste. Your dealer can take the packaging for recycling or direct you to the nearest recycling centre. The packaging is comprised of:

- Corrugated cardboard made from up to 100% recycled material.
- Expanded polystyrene (EPS) with no added chlorine or fluorine.

- Supports made from untreated wood.
- Protective plastic made from polyethylene (PE).

Disposal

The dishwasher is manufactured and labelled for recycling.

When the dishwasher has reached the end of its service life and is to be disposed of, it should immediately be made unusable. Pull out the power cable and cut it as short as possible.

Contact your local authority for information about where and how your dishwasher should be correctly recycled.

Checking water hardness

In order to achieve good dishwashing results, the dishwasher needs soft water (water with low mineral content). Hard water leaves a white coating on dishes and the dishwasher.

Water hardness is specified using the German water hardness scale (°dH) or the French water hardness scale (°fH).

A water supply with a water hardness in excess of 6°dH (9°fH) must be softened. This is done automatically with the aid of the built-in water softener. In order for the water softener to function optimally, it must be adjusted to the hardness of the water supply. Once you have adjusted the water softener, use detergent and rinse aid doses suitable for soft water.

Contact the local waterworks to check the water hardness in your area.

Make a note of the water hardness:_____

If the water hardness exceeds 50°dH (89°fH), we recommend connecting an external water softener.

⚠ WARNING!

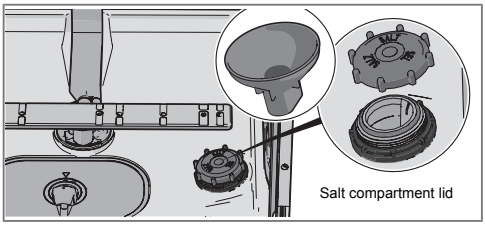
Hard water leaves a white coating on dishes and inside the dishwasher. It is therefore important that you select the right setting for the water softener! See Water hardness.

Never run the dishwasher with an empty salt compartment if the water supply has a water hardness in excess of 6°dH (9°fH).

Set the Water hardness

Chapter Settings describes how to adjust the water softener.

Top up with salt



1. Unscrew the salt compartment lid.
2. Place the funnel supplied with the dishwasher in the salt compartment top-up hole. First, pour in about 1 l of water.
3. Then add salt, a maximum of 1.0 kg, until the compartment is full. Use large grain salt or special dishwasher salt.
4. Wipe up any excess salt so that the lid can be screwed on firmly.

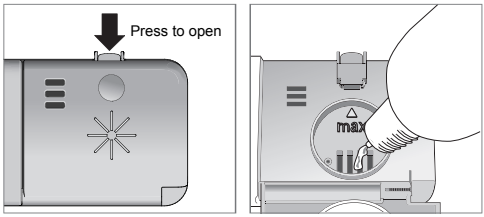
In order to avoid rust stains a dishwashing programme must be started immediately after adding salt.

Set the Rinse aid

The section Settings describes how to set the rinse aid dosage.

Top up with rinse aid

Drying is faster and a better result is achieved if you use rinse aid. You will also achieve a better dishwashing result with clear and spotless dishes.



1. Open the rinse aid compartment lid.
2. Carefully top up with rinse aid to the level marked **max**.
3. Wipe up any splashes of rinse aid around the compartment.
4. Close the lid firmly.

Greener dishwashing

- Do not rinse under running water. Simply scrape off large food particles before loading the dishwasher.
- Choose an environmentally-friendly detergent. Read the environmental declaration on the packaging!
- Do not start the dishwasher until it is fully loaded to save energy.
- If the dishes are only slightly dirty, you can select a programme with a low temperature.
- Better drying results are achieved if you use the Auto open option, which automatically opens the dishwasher door. Wait until the dishwasher indicates that the programme has ended and the dishes have cooled before unloading the dishwasher. (If the dishwasher is built-in the surrounding furnishings must be resistant to any condensation from the dishwasher.)

Fragile dishes

Some cookware is not dishwasher safe. This can be for several reasons. Some materials cannot withstand strong heat, others can be damaged by dishwashing detergent.

Exercise caution with, for example, handmade items, fragile decoration, crystal/glassware, silver, copper, tin, aluminium, wood and plastic. Look for the "Dishwasher safe" marking.

Points to consider

- All dirty surfaces should face inwards and downwards!
- Dishes should not be placed in or on each other.
- Angle dishes with hollows, such as cups, so that the rinse water will run off. This is also important for plastic items.
- Make sure small items cannot fall through the dishwasher basket; place them in the top cutlery tray.

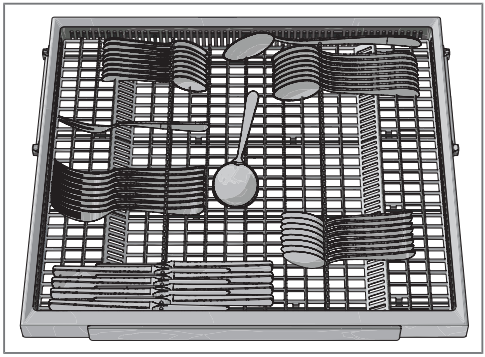
NOTE!
Check that the spray arms can rotate freely.

The dishwasher's baskets

The dishwasher is equipped with a top cutlery tray, an upper basket and a lower basket.

Top cutlery tray

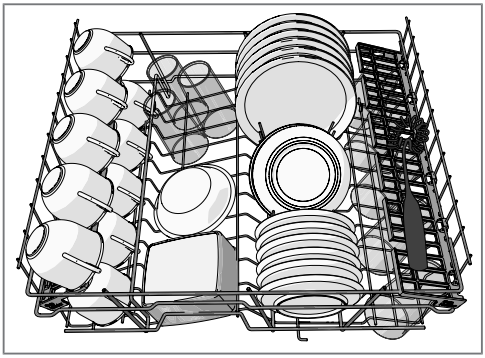
The top cutlery tray has space for cutlery, ladles, whisks, serving cutlery and similar items.

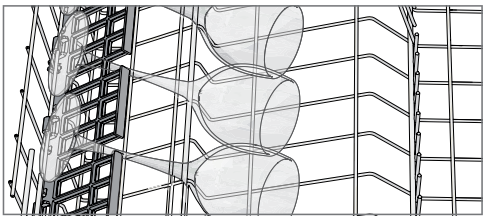


Upper basket

Place glasses, cups, bowls, side plates and saucers in the upper basket. All dirty surfaces should face inwards and downwards! Wine glasses are placed on

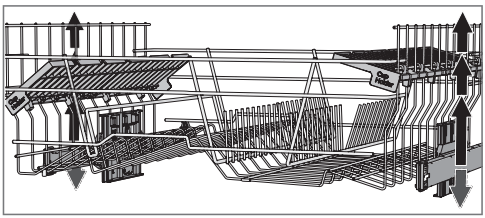
the wine glass shelf and knives are placed in the knife stand on the right (if fitted).





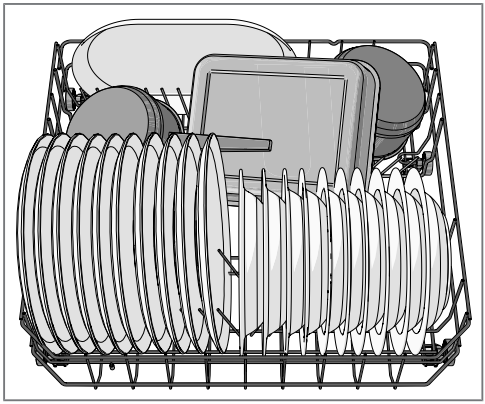
Raising and lowering the upper basket

1. Pull out the upper basket.
2. Grab the sides of the upper basket with both hands and lift it up.
3. Repeatedly lift the basket with both hands to change its position. (The upper basket can be set in three positions.) When the upper basket is in the highest position lifting it will return it to the lowest position. Note that both sides of the basket must always be set to the same height.

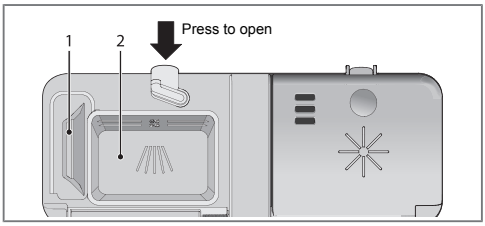


Lower basket

Place plates, side plates, serving dishes and pots in the lower basket.



Add detergent



1. Prewash detergent compartment
2. Main wash detergent compartment

Detergent is added according to water hardness.

Follow the instructions on the detergent packaging. This dishwasher is fitted with a water softener, so use detergent and rinse aid doses suitable for soft water.

Too much detergent can result in less effective dishwashing and also entails greater environmental impact.

The detergent compartment must be dry when adding detergent. There is one compartment for the prewash and one for the main wash. If powder or liquid dishwasher detergent is used, add a small amount of the detergent to the prewash compartment. Contact the detergent manufacturer if you have questions about the detergent.

NOTE!
Use only dishwasher detergent! Washing up liquid must not be used as the foam that forms prevents the dishwasher from operating effectively.

Dishwasher tablets
Halve the tablet if it is difficult to close the dispenser lid. There is a risk that the detergent will not be released properly if the lid is tight and will not open correctly.

NOTE!
Dishwasher tablets are not recommended for short programmes (less than 75 minutes). Use powder or liquid dishwasher detergent instead.

All-in-one detergent
There are many types of all-in-one detergents on the market. Read through the directions for these products carefully.

Chapter Settings describes how to activate TAB (3-in-1/ All-in-one detergent). Note that salt must be put in the salt compartment. If you are not satisfied with the dishwashing or drying results, deactivate the setting TAB (3-in-1/ All-in-one detergent) and top up with salt, detergent and rinse aid. See Chapter Before washing for the first time.

NOTE!
Optimal washing and drying results are achieved by using normal dishwasher detergent together with separately dispensed rinse aid and salt.

⏻ The main power switch

Press and hold the main power switch until the display lights up. Also check that the water tap is on.

PROGRAMS - Select a programme

Select a programme to suit the type of dishes and how dirty they are.

Press the Programme selector one or more times until the desired programme symbol is activated.

auto
45-65° **Auto wash**

The dishwasher can measure how dirty the dishes are and adjust water consumption and temperature accordingly. When newly installed, the programme needs to be run five times before it is fully adapted and can provide the best results.

auto
45-65° **Auto wash**[1] **+** **SpeedWash +** **Auto open**

An effective programme for daily use for slightly dried leftovers. (This programme is not intended for burnt food, such as on oven dishes.)

70° **Intensive wash**

Programme for very dirty dishes, such as pans, casserole dishes and oven dishes. Also ideal for situations where demands on hygiene are especially high, such as when dishwashing baby bottles and cutting boards. If these dishes do not completely fill the dishwasher, you can add plates and the like.

eco
55° **Eco wash**

This programme is intended for cleaning normally dirty dishes and is the most effective programme in terms of combined energy and water consumption.

35° **Quick wash**

This programme is used for glasses and porcelain that is slightly dirty, such as coffee cups.

In combination with SpeedWash, a shorter programme is achieved (15 minutes).

∗° **Rinse**

Used to rinse dishes while you wait for the dishwasher to become fully loaded.

EXTRA - Select an option

To select an option, press one of the option buttons until the option is activated. The available options vary between programmes and some options cannot be combined (available options glow dimly).

SpeedWash

This option shortens the programme time, but uses more energy and water.

Auto open

The dishwasher door opens automatically, which improves the drying results. Wait until the dishwasher indicates that the programme has ended and the dishes have cooled before unloading the dishwasher. (If the dishwasher is built-in the surrounding furnishings must be resistant to any condensation from the dishwasher.)

NOTE!
The dishwasher door must not be blocked when set to open automatically. This can disrupt door lock functionality.

1) *This combination (Auto wash + SpeedWash + Auto open) is also known as QuickIntensive (90 minutes).*

1|2 Half load

This option adapts the dishwashing programme to a half-filled dishwasher, using less energy and water.

Delayed start

When you select Delayed start the dishwasher will start 1-24 hours after you close the door.

1. Press the button once to activate Delayed start. Press the button several times – or hold it in – to set the desired number of hours.
2. Close the door and the dishwasher counts down 1 hour at a time and starts after the selected delay.

If you want to cancel the Delayed start option, open the door and press and hold the main power switch until the display turns off.

Starting the dishwasher

Close the door to start the dishwasher. If the main power switch is on the dishwasher will start automatically when the door is closed.

TIME - Time remaining

Once you have chosen a programme and options, the time the programme took when last used is displayed.

Stopping or changing a programme

If you want to change programme after starting the dishwasher, open the door then press and hold the main power switch until the display turns off. Add more detergent if the lid of the detergent dispenser has opened. Then press the main power switch, choose a new programme and close the door.

If you want to load more dishes

Open the door. The dishwasher stops automatically. Add the dishes and close the door. After a while, the dishwasher continues the programme.

If the dishwasher is turned off due to a power failure

If the dishwashing programme was not finished, the interrupted programme continues when power is restored.

NOTE!
During drying, the programme is interrupted if the power is cut or the door is open for more than 2 minutes.

Once the programme has finished

The dishwasher switches off automatically after the programme ends. Shut off the water tap after each use.

How to get the best drying results

- Fully load the dishwasher.
- Angle dishes with hollows, such as cups, so that the rinse water will run off. This is also important for plastic items.
- Top up with rinse aid or increase the rinse aid dosage level.
- Activate the Auto open option.
- Allow the dishes to cool before unloading the dishwasher.

Unloading the dishwasher

Hot porcelain is more fragile. Leave the dishes to cool in the dishwasher before unloading them.

Unload the lower basket first to avoid any water drops from the upper basket falling onto the dishes in the lower basket.

Programme chart

PROGRAMS - Programme	Detergent, compart-ment 1 / 2 (ml)	EXTRA - Options	Prewashes	Main wash	Number of rinses	Final rinse	Consumption values [1]		
							Dishwashing time (approx. hrs:min)	Energy (approx. kWh)	Water cons. (L)
Auto wash	--- / 25	Auto open	1-3	50-65 °C	2-3	65 °C	2:10-2:50	0.9-1.5	11-20
Intensive wash	10 / 25		2	70 °C	2	70 °C	2:55	1.7	17
Eco wash [2]	--- / 25	Auto open	1	55 °C	2	49 °C	3:00	0.86	9.5
Quick wash	--- / 10			35 °C	1	25 °C	0:20	0.2	10
Rinse	--- / ---				1	--- °C	0:07	0.01	3

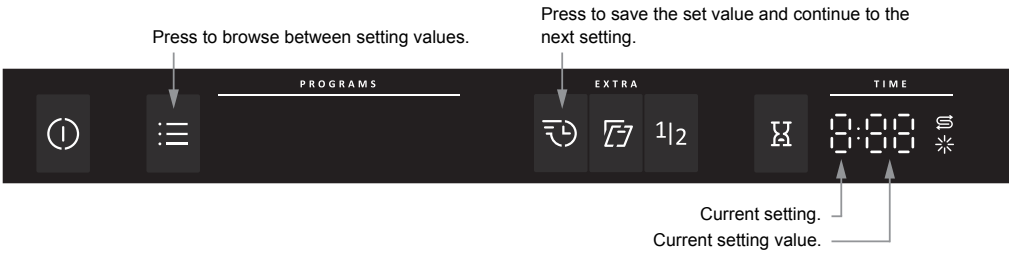
1) *Consumption values vary depending on the temperature of the incoming water, room temperature, load size, selected additional functions and more.*

2) *This dishwashing programme is the standard cleaning cycle used to compile the energy labelling information. It is intended for washing normally dirty dishes and is the most effective programme in terms of combined energy and water consumption.*

Open the settings menu:

1. First, open the door. Turn off the machine. Press and hold the main power switch until the display lights up.
2. Within 10 seconds:
   - press the Programme selector and the option button for SpeedWash.
3. The display shows the settings menu (current setting and its currently set value).
   (Exit the menu by browsing through the menu or pressing the main power switch.)

Navigate the settings menu:



You can now adjust the following settings:

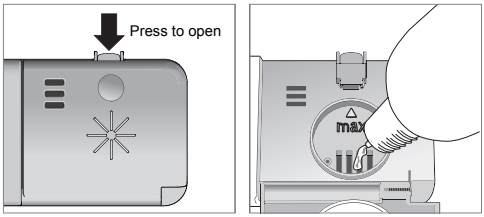
Settings		Options	
1.	**Rinse aid**	1:00 - 1:05	Rinse aid dosage setting. Increase the rinse aid dosage: • If the dishes have water marks. Decrease the rinse aid dosage: • If the dishes have a sticky white/blue film. • If the dishes are streaked. • Build-up of foam. If you have very soft water, the rinse aid can be diluted 50:50 with water. *Pre-selected at factory: 05*

<table>
<tr><th colspan="2">Settings</th><th>Options</th><th></th></tr>
<tr><td>2.</td><td>Water hardness</td><td>2:00 - 2:09</td><td>Adjusting the water softener. Select a setting depending on the hardness of the water supply. It is important that this setting is correct!
<table>
<tr><th>German water hardness scale</th><th>French water hardness scale</th><th>Recommended setting</th></tr>
<tr><td>0-5°dH</td><td>0-9°fH</td><td>2:00</td></tr>
<tr><td>6-8°dH</td><td>10-14°fH</td><td>2:01</td></tr>
<tr><td>9-11°dH</td><td>15-20°fH</td><td>2:02</td></tr>
<tr><td>12-14°dH</td><td>21-25°fH</td><td>2:03</td></tr>
<tr><td>15-19°dH</td><td>26-34°fH</td><td>2:04</td></tr>
<tr><td>22-24°dH</td><td>35-43°fH</td><td>2:05</td></tr>
<tr><td>25-29°dH</td><td>44-52°fH</td><td>2:06</td></tr>
<tr><td>30-39°dH</td><td>53-70°fH</td><td>2:07</td></tr>
<tr><td>40-49°dH</td><td>71-88°fH</td><td>2:08</td></tr>
<tr><td>50°dH</td><td>89°fH</td><td>2:09</td></tr>
</table>
Do not forget to put salt in the salt compartment after you have set the water softener to 2:01 - 2:09.
For a water supply with a hardness under 6°dH (9°fH), select 2:00. The water softener is deactivated and no salt is needed.
Pre-selected at factory: 04</td></tr>
</table>

Settings		Options	
3.	**TAB** (3-in-1/all-in-one detergent)	3:00 (Off) 3:01 (On)	You can activate this setting when using 3-in-1/ All-in-one detergent. The dishwashing programmes automatically adapt to provide the best possible dishwashing and drying results every time. If this setting is activated there is no need to add rinse aid since this option disables rinse aid dispensing. It also reduces the amount of salt added to the water softener. Note that salt must be put in the salt compartment. NOTE! In order to achieve good dishwashing results, it is essential to check which type of detergent or all-in-one product best suits your needs! Read the detergent packaging carefully for information on proper use. Always follow the directions for use or information on the detergent packaging!

Top up with rinse aid

When the rinse aid needs topping up, the above symbol lights on the display.

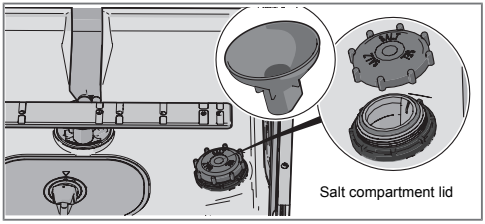


1. Open the rinse aid compartment lid.
2. Carefully top up with rinse aid to the level marked **max**.
3. Wipe up any splashes of rinse aid around the compartment.
4. Close the lid firmly.

After topping up, it may take a while before the symbol goes out.

Top up with salt

When the salt needs topping up, the above symbol lights on the display.



When the salt runs out, unscrew the cap and fill the container with salt. Water is only needed the first time! Wipe clean and tighten. Run a programme to ensure that any salt in the dishwasher is rinsed away.

After topping up, it may take a while before the symbol goes out.

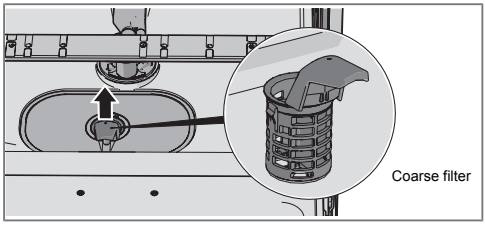
⚠ WARNING!

In order to avoid rust stains a dishwashing programme must be started immediately after adding salt.

Never pour dishwasher detergent into the salt compartment. This destroys the water softener!

Coarse filter

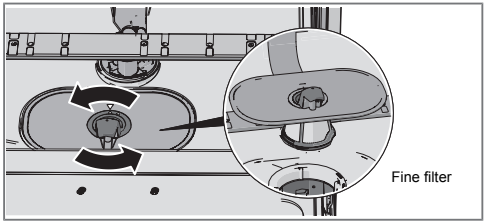
The coarse filter traps larger food particles, which cannot get past the drainage pump. Empty the coarse filter when necessary.



1. Lift the coarse filter by the handle.
2. Empty the coarse filter. Remember to refit it!

Fine filter

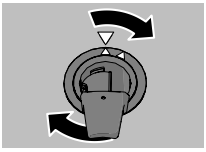
Debris that collects on the fine filter is automatically rinsed away during each wash. Clean the fine filter when necessary.



1. Turn the handle anticlockwise.

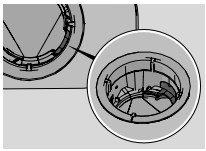
2. Lift the filter straight up using the handle. Free the coarse filter to clean the fine filter.
3. Refit in reverse order. Check that the edges seal properly when refitting the fine filter.
4. Lock the filter in place by turning the handle clockwise to the stop position. The handle should point straight out from the dishwasher.

NOTE!



Dishwashing results may be affected if the filters are incorrectly fitted. Note that the dishwasher must not be used without the filters in place!

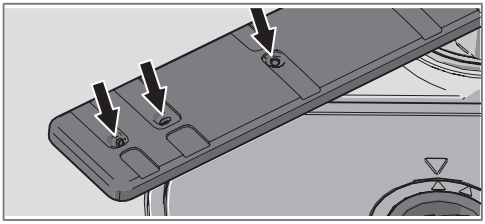
NOTE!



Check that the coloured stop on the right in the bottom drain is in place.

Spray arms

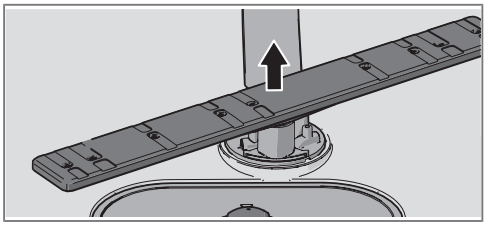
Holes and bearings can sometimes become blocked. Remove any debris using a pin or the like. The spray arms also have holes underneath.



To facilitate cleaning you can remove the spray arms. Remember to fit them firmly back into place afterwards.

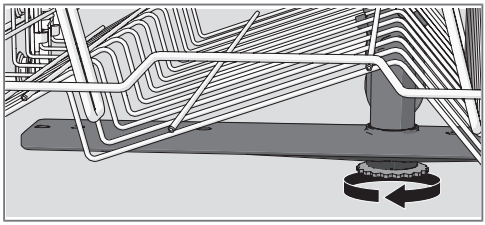
Lower spray arm

- Pull the lower spray arm straight up to release it.



Upper spray arm

1. Pull out the upper basket.
2. Unscrew the spray arm bearings counterclockwise to remove the spray arm from the upper basket.



The door and the door seal

Regularly clean the sides of the door and the door seal. Use a slightly damp cloth (with a little cleaner if necessary).

Front panel

Keep the buttons clean and free from grease. Wipe them clean with a dry or slightly damp cloth. Never use cleaners – they can scratch the surface. Use the main power switch to turn off the dishwasher before cleaning the buttons to avoid activating any buttons unintentionally.

The dishwasher tub

The dishwasher tub is made of stainless steel and is kept clean through normal use.

Limescale deposits

If you have hard water, limescale deposits may build up in the dishwasher. If this happens, run the Intensive wash programme with two tablespoons of citric acid in the detergent compartment (with no dishes in the machine).

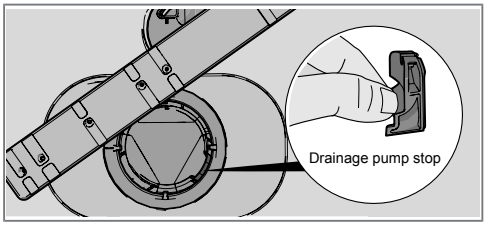
Unblocking the drainage pump

If the dishwasher still contains water after the programme has finished, something may be blocking the drainage pump. Such items are easily removed.

1. Turn off the machine using the main power switch and unplug it from the wall socket.
2. Remove the coarse filter and the fine filter.
3. Scoop out the water from the dishwasher tub.
4. In order to inspect the drainage pump, remove the coloured stop on the right in the bottom drain.
5. Turn the pump wheel located behind the drainage pump stop by hand. Carefully remove any items.
6. Refit the drainage pump stop along with the fine and coarse filters.
7. Plug the machine in again.

   If the dishwasher still does not start and a whirring sound is heard, the overflow protection has been activated.

   - Shut off the water.
   - Remove the plug from the wall socket.
   - Call the service department.



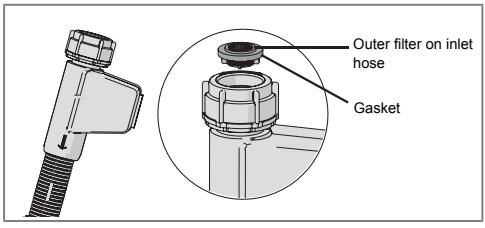
NOTE!

Do not forget to refit the drainage pump stop.

Unblocking the inlet hose filter

If the water supply contains small particles, the outer filter on the inlet hose may become blocked, which results in Water inlet fault.

1. Turn off the machine using the main power switch and unplug it from the wall socket.
2. Turn off the water tap.
3. Unscrew the inlet hose.
4. Carefully remove the outer filter from the inlet hose and clean it.
5. Refit the filter and check that the gasket is correctly positioned.
6. Screw the inlet hose firmly into place.
7. Plug the machine into the wall socket and turn on the water tap. Allow the pressure to settle for a while and check that the connection is watertight.



Type of fault on the display		Action
F10	Overfilling	Clear the drainage pump. See the chapter Care and cleaning. If the problem persists, call the service department.
F11	Water outlet fault	See “Water remains in the dishwasher” in the table “Problem” below. If the problem persists, call the service department.
F12	Water inlet fault	Check that the water tap is on. Check that the outer filter on the inlet hose is not blocked. See Unblocking the inlet hose filter in the chapter Care and cleaning. If the problem persists, call the service department.
F40	Inlet valve leakage	Turn off the water tap and call the service department.
F52	Water level fault	Clean the coarse and fine filters. Check that the outer filter on the inlet hose is not blocked. If the problem persists, call the service department.
F54	Overfilling	Turn off the water tap and call the service department.
F56	Circulation fault	Call the service department.

Press any button to clear the error message.

Problem	Possible causes	Action
The buttons do not react when pressed.	You have pressed the buttons too soon after opening the door.	Wait a moment then try again.
	The buttons are dirty.	Clean with a dry or slightly damp cloth.
	The door is closed.	Open the door. The buttons only react to use when the door is open.

Problem	Possible causes	Action
Cannot close door.	The baskets are not correctly positioned.	Check that the baskets are correctly positioned horizontally.
		Check that the dishes are not blocking the baskets from sliding properly into place.
	The door lock does not click into place and lock.	Check the door lock. If it does not click into place and lock, open the door. Press and hold the button for the Auto open option for 15 seconds. Then wait 30 seconds. Close the door. Check that the door lock clicks into place and locks.

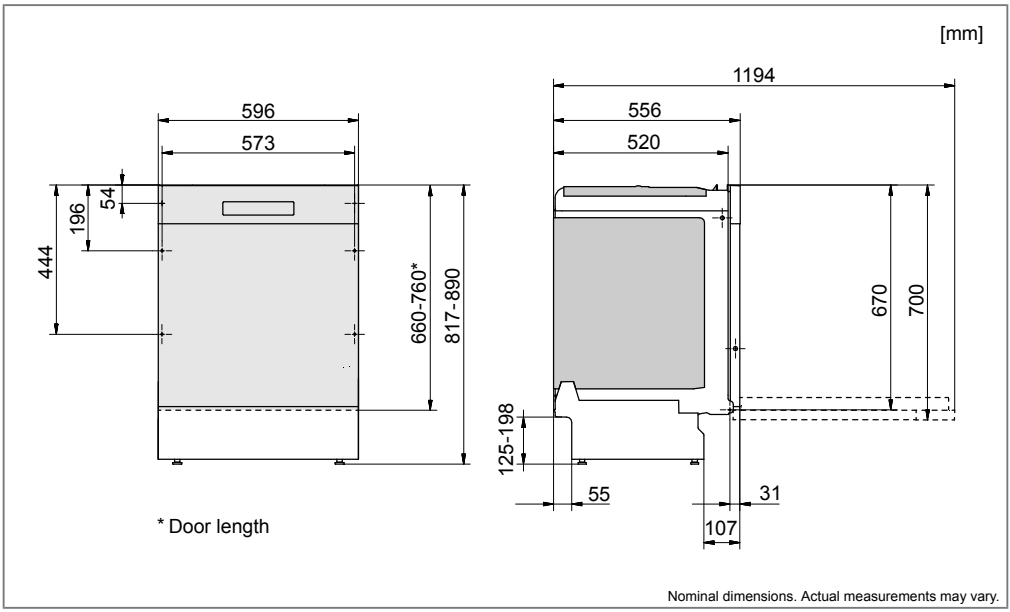
Problem	Possible causes	Action
The dishwasher does not start.	The door is not properly closed.	Check.
	You have opened the dishwasher to add more dishes while a programme is in progress.	Close the door and wait. After a while, the dishwasher continues the programme.
	The door lock has not clicked into place and locked.	Check the door lock. If it has not clicked into place and locked, open the door. Press and hold the button for the Auto open option for 15 seconds. Then wait 30 seconds. Close the door. Check that the door lock clicks into place and locks.
	A fuse/circuit breaker has been tripped.	Check.
	The plug is not plugged into the wall socket.	Check.
	The water tap is turned off.	Check.
	Overflow/leaks.	Check.
	A whirring sound (the drainage pump) is heard from the dishwasher and does not stop when the main power switch is turned off.	Turn off the water tap. Pull out the plug and call the service department.
	Check that the Delayed start option has not been selected.	Press and hold the main power switch until the display turns off if you want to cancel the Delayed start option. Restart the dishwasher.

Problem	Possible causes	Action
The dishes are not clean.	The spray arms do not rotate.	Remove the arms and clean them.
		Check that the dishes are not blocking the spray arms.
	Spray arm holes or bearings blocked.	Clean the spray arms. See the chapter Care and cleaning.
	Unsuitable dishwashing programme.	Choose a longer programme.
	Incorrect detergent dosage.	Dose according to water hardness. Far too much or far too little detergent results in poorer dishwashing results.
	Old detergent. Detergent is a perishable product.	Avoid large packages.
	Dishes loaded incorrectly.	Do not cover porcelain with large bowls or the like. Avoid placing very tall glasses in the corners of the baskets.
	Glasses and cups have toppled over during the programme.	Place dishes to sit steady.
	The filters are not fitted correctly.	Check that the filter handle is locked in the stop position. The handle should point straight out from the dishwasher.
	Drainage pump stop missing.	Check that the coloured stop on the right in the bottom drain is in place. See the chapter Care and cleaning.

Problem	Possible causes	Action
Spots on stainless steel or silver.	Some foodstuffs, such as mustard, mayonnaise, lemon, vinegar, salt and dressings, can mark stainless steel if left for too long.	Rinse off these types of foodstuffs if not starting the dishwasher immediately. Use the Rinse programme.
	All stainless steel can cause spots on silver if they come into contact during dishwashing. Aluminium can also cause spots on dishes.	In order to avoid marks and tarnishing, separate dishes made from different metals, such as silver, stainless steel and aluminium.
Spots or films on the dishes.	The water softener is leaking salt.	Check that the salt compartment lid is properly tightened. Otherwise call the service department.
	Incorrect water softener setting.	See the chapter Settings.
	Incorrect rinse aid dosage setting.	See the chapter Settings.
	Salt compartment empty.	Top up with salt. See the chapter Before washing for the first time.
	3-in-1/ All-in-one detergent is used and the setting TAB (3-in-1/ All-in-one detergent) is activated.	Inactivate the setting TAB (3-in-1/ All-in-one detergent) and top up salt and rinse aid.
	Too high temperature and/or too much detergent can cause etching on crystal. Unfortunately, this cannot be repaired, only prevented.	Wash crystal at a low temperature and with a conservative amount of detergent. Contact the detergent manufacturer.
The dishes have a sticky white/blue film.	Rinse aid dosage setting too high.	Reduce the amount. See the sections Before washing for the first time and Settings. If you have very soft water, you may want to dilute the rinse aid 50:50 with water.

Problem	Possible causes	Action
Spots left after washing.	Lipstick and tea can be difficult to wash off.	Use a detergent with a bleaching agent.
Detergent residue in the detergent compartment after dishwashing.	The detergent compartment was damp when adding detergent.	The detergent compartment must be dry when adding detergent.
Rattling sound when dishwashing.	The dishes are not correctly placed or the spray arms are not rotating.	Check that the dishes are placed securely. Spin the spray arms to make sure they can rotate.
Water remains in the dishwasher.	The filters are blocked.	Clean the coarse and fine filters.
	The filters are not fitted correctly.	Check that the filter handle is locked in the stop position. The handle should point straight out from the dishwasher.
	Debris in the drainage pump.	Clean the drainage pump. See the chapter Care and cleaning.
	Drainage pump stop missing.	Check that the coloured stop on the right in the bottom drain is in place. See the chapter Care and cleaning.
	Kink in drainage hose.	Check that the hose is free from kinks and sharp bends.
	Blocked drainage hose.	Disconnect the drainage hose where it connects to the sink unit's water trap. Check that no debris has fastened and that the connection has an inner diameter of at least 14 mm.

Problem	Possible causes	Action
Bad odour in dishwasher.	Dirt around the seals and in corners.	Clean with washing-up brush and low foaming cleaner.
	Low temperature programmes have been selected for a prolonged period.	Run a programme with a higher temperature about once a month.
The dishes are not dry enough.	The Auto open option is not activated.	Activate the Auto open option.
	The dishwasher is not fully loaded.	Fully load the dishwasher.
	Rinse aid needs topping up or dosage is set too low.	Top up with rinse add or increase the rinse aid dosage. See the sections Before washing for the first time and Settings.
	3-in-1/ All-in-one detergent is used and the setting TAB (3-in-1/ All-in-one detergent) is activated.	Inactivate the setting TAB (3-in-1/ All-in-one detergent) and top up salt and rinse aid.



It is important that you read through and follow the instructions and directions below. Conduct installation and connection in accordance with the separate installation instructions.

Safety instructions

- Connections to electricity, water and drainage must be performed by a qualified professional.
- Always follow applicable regulations for water, drainage and electricity.
- Take care during installation! Wear protective gloves! There must always be two people!
- Place a drip tray on the floor beneath the dishwasher to prevent damage from any water leaks.
- Before screwing the dishwasher into place, test the dishwasher by running the Rinse programme. Check that the dishwasher fills with water and drains. Check also that none of the connections leak.

⚠ WARNING!

Turn off the water supply when installing the dishwasher!

The plug must be disconnected or power to the socket turned off while the work is carried out!

Setup

- The recess and connection dimensions are included in the separate installation instructions. Check that all dimensions are correct before starting the installation. Note that the height of the cover door can be adjusted to match other fittings.
- Make sure the area on which the dishwasher is to be installed is firm. Adjust the adjustable feet so that the dishwasher is level.

- Affix the protective film (packed in the document bag) to the underside of the worktop. The protective film is to protect the worktop from moisture.
- Check that the machine is installed such that the door opens freely, otherwise door lock functionality may be disrupted.

Drainage connection

See the separate installation instructions for necessary information.

This dishwasher is suitable for installing in a raised recess (to attain an ergonomic working height). This means that the dishwasher can be placed so that the drainage hose runs to a lower level than the bottom of the dishwasher, such as by routing it directly to a floor drain. The dishwasher is fitted with an integrated anti-siphon device to prevent the machine from being emptied of water during the wash cycle.

The drainage hose can also be connected to a connection nipple on the sink unit's water trap. The connection nipple must have an internal diameter of at least 14 mm.

The drainage hose may be extended by a maximum of 3 m (the total length of the drainage hose must not exceed 4.5 m). Any joins and connecting pipes must have an internal diameter of at least 14 mm. However, the drainage hose should ideally be replaced with a new hose without joins.

No part of the drainage hose may be more than 950 mm above the bottom of the dishwasher.

Attach the drainage hose with a hose clamp. Ensure that the drainage hose has no kinks.

Connection to water supply

Use only the inlet hose supplied with the dishwasher. Do not re-use old or other spare hoses.

The supply pipe must be fitted with a water tap (stopcock). The water tap must be easily accessible, so that the water can be shut off if the dishwasher has to be moved.

Once the installation is complete, turn on the water tap and allow the pressure to settle for a while. Check that all connections are watertight.

Connection to cold water supply

Connect the dishwasher to the cold water supply if the building is heated using oil, electricity or gas.

Connection to hot water supply

Connect the dishwasher to the hot water supply (max. 70 °C) if the building is heated using an energy-efficient means such as district heating, solar power or geothermal power. Choosing a hot water connection cuts dishwashing times and reduces the dishwasher's energy consumption.

NOTE!
Do not exceed the permitted water supply temperature. Certain materials used in some cookware cannot withstand strong heat. See Fragile dishes in the chapter Loading the dishwasher.

Electrical connection

Information about the electrical connection can be found on the serial number plate. This specification must match the electricity supply.

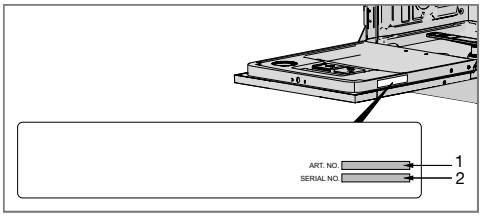
The dishwasher must be connected to an earthed socket.

The electric wall socket must be placed outside of the installation area to be easily accessible after installing the dishwasher. Do not use an extension cord!

NOTE!
Change of electrical cables as well as repairs and maintenance relating to safety or performance must be carried out by the manufacturer’s service agent or someone with similar professional qualifications.

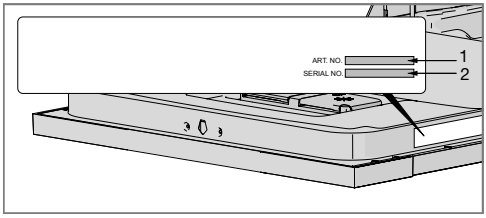
Read the chapter Troubleshooting before contacting the service department. If you have encountered a problem that you cannot resolve, please contact your nearest dealer, see www.gorenje.com.

When making contact, provide the details on the serial number plate. Include the article number (1) and the serial number (2).



Request test institute information via e-mail dishwashers@appliance-development.com.

The request should include the details on the serial number plate. Include the article number (1) and the serial number (2).



Your notes

Your notes

Your notes

Information on energy labelling

Information sheet, in compliance with Commission Delegated Regulation (EU) No. 1059/2010

Gorenje

Model designation:	GVSP165J
Number of standard place settings:	16 [1)]
Energy efficiency class:	A+++
Annual energy consumption(AE_C):	245 kWh per year [2)]
Energy consumption of the standard cleaning cycle(E_t):	0.86 kWh
Power consumption	
Off-mode (P_o):	0.49 W
Left-on mode (P_l):	0.49 W
Annual water consumption (AW_C):	2660 litres per year [3)]
Drying efficiency class:	A [4)]
Standard programme:	Eco wash [5)], option Auto open
Programme time for the standard cleaning cycle:	180 minutes
Duration of the left-on mode (T_l):	Infinite
Noise emissions:	45 dB(A) re 1 pW
Construction:	Integrated product

1) *In accordance with standard, EN 50242.*

2) *Based on 280 standard cleaning cycles with a cold water connection and consumption in accordance with energy saving mode. The actual energy consumption depends on how the machine is used.*

3) *Based on 280 standard cleaning cycles. The actual water consumption depends on how the machine is used.*

4) *On a scale from G (least efficient) to A (most efficient).*

5) *This dishwashing programme is the standard cleaning cycle used to compile the energy labelling information. It is intended for washing normally dirty dishes and is the most effective programme in terms of combined energy and water consumption.*

Technical data

Height:	817-890 mm
Width:	596 mm
Depth:	556 mm
Weight:	35 kg [1)]
Water pressure:	0.03–1.0 MPa
Electrical connection:	See serial number plate
Rated power:	See serial number plate

1) *Weight can vary due to different specifications.*

801859 en (08-19)

CE

Art. No.: 801859. Rev. 02. We reserve the right to make changes.