

Please read this manual first!

Dear Customer,




thank you for choosing the product. We hope that you get the best results from your product which has been manufactured with high quality and state-of-the-art technology. Therefore, please read this entire user manual and all other accompanying documents carefully before using the product.

Follow all warnings and information in the user manual. By this way, you will protect yourself and your product against possible dangers.

Keep the user manual as a reference for future use. If you handover the product to someone else, give the user manual as well. The warranty conditions, usage and troubleshooting methods for your product are provided in this manual.

Symbols and Their Explanations

Throughout this user manual the following symbols are used:

	Danger that may result in death or injury.	
	Important information or useful hints about usage.	
	Read the user manual.	
NOTICE	Danger to the product or its surroundings that may result in material damage.	

Safety Instructions

This section contains safety instructions that will help protect from risk of personal injury or property damage.

Our company shall not be held responsible for any damages that may arise in case of non-compliance with these instructions.

- Use only original spare parts and accessories.
- Do not repair or replace any component of the product unless it is clearly specified in the user manual.
- Do not make technical modifications to the product.

Additional information

- ↻ [Intended Use](#)
 - ↻ [Child, vulnerable person and pet safety](#)
 - ↻ [Electrical safety](#)
 - ↻ [Transportation Safety](#)
 - ↻ [Installation Safety](#)
 - ↻ [Operation Safety](#)
 - ↻ [Maintenance and Cleaning Safety](#)
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Intended Use

This product is intended for use in homes and in the following types of enclosed spaces: For example;

- Staff kitchens of shops, offices and other working environments;
 - Farm houses;
 - Areas for the use of guests of hotels, motels and other accommodation facilities;
 - Places serving bed and breakfast, hostel-like environments.
 - The product should only be used for household dish washing.
 - The product is not suitable for commercial or public use.
 - The lifetime of the product you have purchased is 10 years. This is the period for which the spare parts required for the operation of this product as defined.
 - This product is intended for use in the home and under counter.
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Child, vulnerable person and pet safety

- 8 years and older children and people with reduced physical, sensory, and mental abilities as well as unskilled or inexperienced persons can use this appliance provided that they are supervised and instructed on safe use of the appliance as well as to the related dangers.
 - Children under 3 years of age should be kept away from the product unless constantly supervised.
 - Children should not play with the appliance.
 - Electrical products are dangerous for children and pets. Children and pets must not play with, climb on or enter into the product.
 - Remember to close the door of the product when leaving the room where the product is located. Children and pets can be locked inside the product and suffocate.
 - Cleaning and user maintenance must not be made by children without supervision.
 - Keep the packing materials away from the children. Risk of injury and suffocation.
 - Keep all detergents and additives used in the product out of the reach of children.
 - For the safety of children, disconnect the power plug and break the locking mechanism before disposing of the product.
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Electrical safety

- The product must not be plugged in during installation, maintenance, cleaning, repair and transport.
 - Do not pinch the power cord under or behind the product. Do not place a heavy object on the power cord. The power cord must not be excessively bent or crushed, and must not come into contact with any heat source.
 - Do not use an extension cord, multiple power outlets, or adapters to operate the product.
 - Portable multiple power outlets or portable power supplies can overheat and cause a fire. Therefore, do not keep multiple power outlets behind and near the product.
 - The plug must be within easy reach. If this is not possible, the electrical installation to which the product is connected must be equipped with a device (fuse, switch, circuit breaker, etc.) that complies with electrical regulations and disconnects all poles from the mains.
 - Do not touch the plug with wet hands.
 - When removing the plug from the socket, pull it by the plug, not by the cable.
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Transportation Safety

- Before transporting the product, unplug the plug and disconnect the drain and water supply connections. Drain the water remaining inside the product completely.
- Do not carry the product alone as it is heavy.

NOTICE Do not hold the door or panel to move the product.

NOTICE If you have to move the product, move it in an upright position and hold it by the back. Tilting the product towards the front may cause the electronic parts inside to get wet and damaged.

NOTICE When putting the product in place after installation or cleaning, take care not to fold, pinch or break the hoses.

Installation Safety

- To make the product ready for use, check the information in the manual and installation instructions to make sure that the electrical installation, clean water installation and drainage are appropriate. Otherwise, call a qualified electrician and plumber to make the necessary arrangements. These processes are at the customer's expense.
- Before installing the product, inspect the product for any damage. Do not install the product if it is damaged.
- Do not install the product in places where the temperature drops below 0 °C.
- Do not place the product on a carpet or similar surface. It causes fire risk since it cannot get air from the bottom.
- Place the product on a clean, flat and hard floor and balance it with the help of adjustable feet. If the feet are not adjusted properly, the door may not close completely and hot vapour may escape. It may cause serious burns and injuries and may also damage your furniture.
- Do not install the product near heat sources (radiators, stoves, etc.) and do not install it under the cooking area of a hob.
- If the product is intended to be used in a cupboard/cabinet/module, keep the cupboard doors open during operation if there are no gaps to ensure sufficient air circulation.
- Connect the product to an earth-grounded socket protected by a fuse rated in accordance with the current ratings indicated on the rating plate. Have the earthing installation done by a qualified electrician. Do not use the product without earthing in accordance with local/national regulations.
- Plug the product into an outlet complying with the voltage and frequency values indicated on the rating plate.
- Do not plug the product into sockets that are loose, out of the socket, broken, dirty, greasy, at risk of contact with water (e.g. water that may leak from the workbench).

NOTICE The new hose sets supplied with the product must be used. Do not reuse old hose assemblies. Do not splice the hoses.

NOTICE Connect the water inlet hose directly to the water tap. The pressure supplied from the tap must be at least 0.03 MPa (0.3 bar) and no more than 1 MPa (10 bar). If the water pressure exceeds 1 MPa (10 Bar), a pressure reducing valve must be installed. Maximum allowable water temperature is 25°C.

- Position the power cable and hoses so that there is no risk of tripping.
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Operation Safety

Only detergents, rinse agents and additives intended for dishwashers should be used.

Never use chemical solvents in the product. These substances pose a risk of explosion.

Do not drink the wash water in your product.

Dishwasher detergents contain strong alkali, which can be extremely dangerous if swallowed. Avoid contact with skin and eyes and do not allow children near the product when the lid is open. Check that the detergent tank is empty after the wash cycle is completed.

When you pull out the upper and lower baskets completely, the door of the product takes the entire load of the baskets. Do not sit or place other loads on the door, otherwise the product may tip over.

NOTICE



Product's Maximum Washing capacity: Indicated on the Energy Label and Quick Use Card under Cycle Table.

To avoid possible injury, always place long and pointed dishes such as serving forks, bread knives, etc. in the cutlery basket with the pointed end downwards or horizontally on the dishwashing baskets.

If you need to open the door while the product is running, open it carefully. Be careful of hot steam and splashes of hot water.

Do not operate a faulty or damaged product. Unplug the product (or switch off the fuse to which it is connected).

Do not place a flame source (burning candle, cigarette, etc.) on or near the product. Do not place flammable/explosive materials near the product.

Do not climb on the product.

Unplug the product and switch off the tap when you will not use the product for a long time.

This product is designed to operate up to 2000 m. above sea level.

Maintenance and Cleaning Safety

Maintenance and cleaning safety

Do not wash the product by spraying or pouring water on it.

Do not use sharp or abrasive tools to clean the product. Do not use materials such as household cleaning agents, detergents, gas, gasoline, alcohol, wax, etc.

Wear gloves worn when cleaning the product.

Be careful of possible injuries when cleaning sharp surfaces on the back of the product!

NOTICE Remember to install the filter of your machine back after cleaning it. Otherwise, the pumps may get clogged and the product may get damaged.

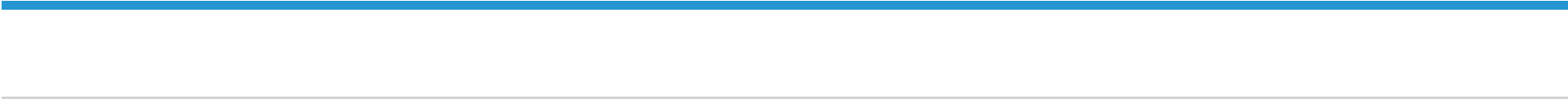
Compliance with WEEE Regulation and Disposal of Waste Products

This product does not contain harmful and prohibited substances specified in the "Regulation on the Control of Waste Electrical and Electronic Equipment" published by the Ministry of Environment and Urbanisation of the Republic of Turkey. It complies with WEEE Regulation.

NOTICE



This product is manufactured from high quality parts and materials that are recyclable and reusable. Therefore, do not dispose of the product with household or other waste at the end of its service life. Take it to a collection point for recycling electrical and electronic equipment. Ask the local authority in your area for these collection points. Help protect the environment and natural resources by recycling used products. Before disposing of the product, disconnect the power plug for the safety of children and break the locking mechanism of the loading door to render it inoperable.



Package Information

The packaging of the product is made of recyclable materials in accordance with our National Legislation. Do not dispose of packaging waste with household or other waste.

Standard conformity and test information / EC declaration of conformity

NOTICE



The development, production and sale of this product are carried out in accordance with the safety regulations of all relevant directives of the European Community. 2014/35/EU, 2014/30/EU, 93/68/EC, IEC 60436 / EN 60436

This section applies for products with Wifi feature.

Frequency Band 2.4Ghz

Max. Conduction Power : < 100mW

Energy Label

NOTICE



You can access technical information about the product by scanning the QR code on the energy label with a mobile device connected to the internet.

Technical Specifications

Maximum washing capacity: Indicated on the Energy Label and Quick Use Card under Cycle Table.
Height: 82-87
Width: 60
Depth:57
Electricity input:220-240 V, 50 Hz
Total power:1800-2100 W
Heater power:1800 W
Total current: 10 A *
Pump power:90 W
Drain pump power: 30 W*
* For detailed electrical values see the type label on the machine's door.
Water Pressure 0.3 -10 bar (= 3 – 100 N/cm ² = 0.03-1.0 Mpa)

NOTICE



Technical specifications may be amended without prior notice to improve product quality.

NOTICE



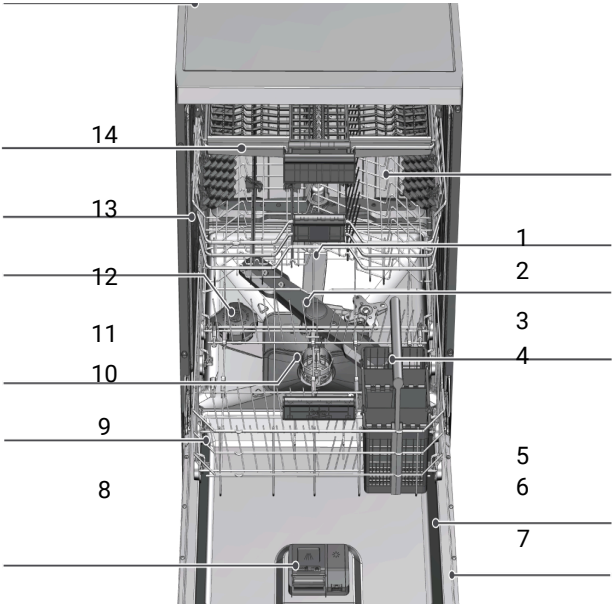
The figures in the manual are schematic and may not be in exact harmony with the product.

NOTICE



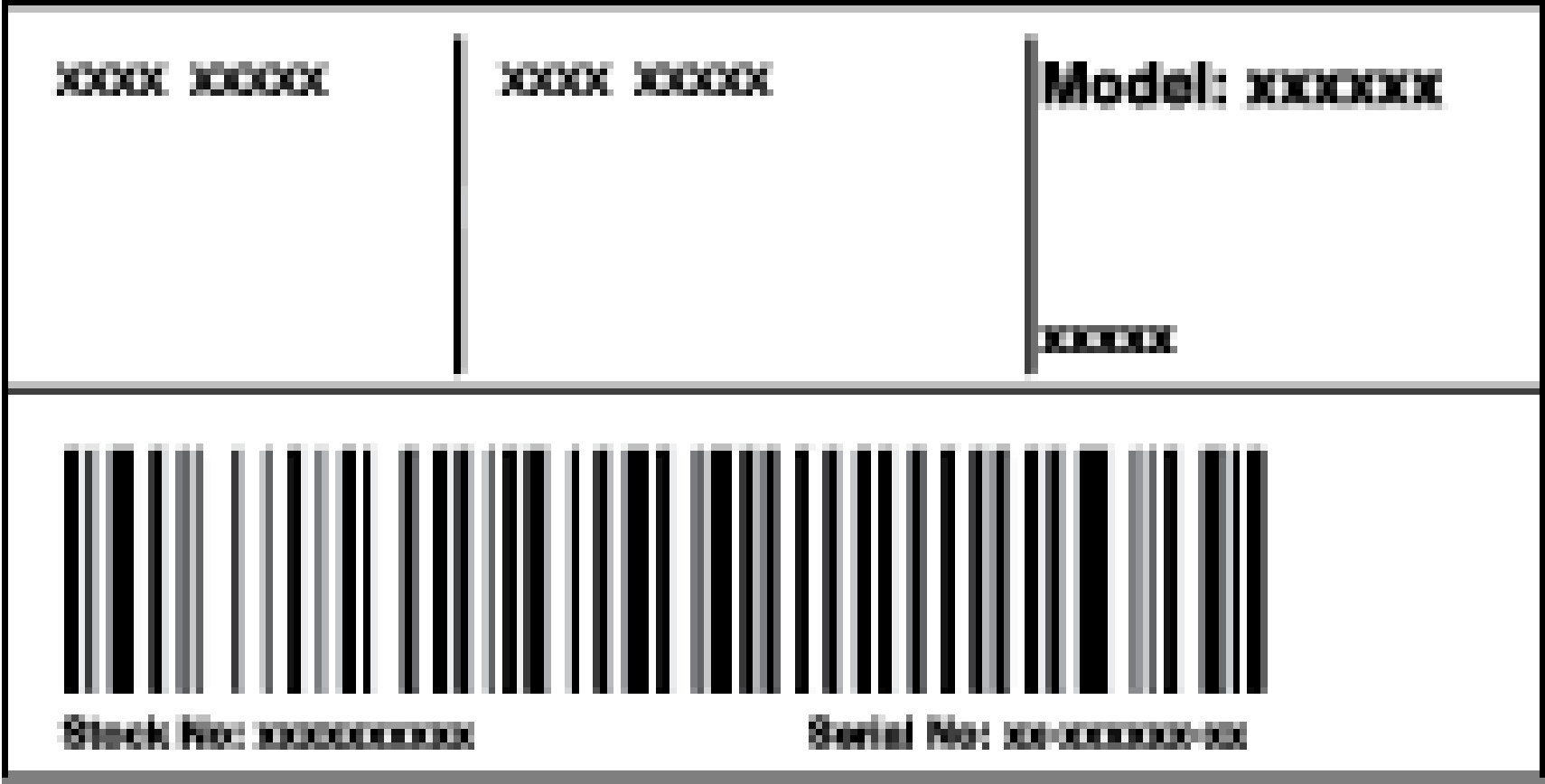
The values provided with the appliance or its accompanying documents are laboratory readings in accordance with the respective standards. These values may differ depending on the use and ambient conditions.

General View



1	Upper Basket	2	Upper Spray Arm
3	Lower Spray Arm	4	Cutlery Basket
5	Door	6	Type Label
7	Control Panel	8	Detergent Compartment
9	Lower Basket	10	Filters
11	Salt Compartment Cover	12	Upper Basket Rail
13	Ceiling Cutlery Basket (depends on the model)	14	Upper Rack (depends on the model)

Type label varies depending on the model.



Installation

NOTICE



Read the "Safety Instructions" section first!

The preparation of the electrical, clean water and waste water installation of the place where the product will be placed is under the responsibility of the customer. If the electrical installation, clean water installation and water drainage are not suitable, call a qualified electrician and plumber to make the necessary arrangements.

NOTICE



Installation and electrical connections must be carried out by the authorised service. The manufacturer cannot be held responsible for any damages that may arise from the operations performed by unauthorised persons.

NOTICE



Before installing the product, inspect the product for any damage. Do not install the product if it is damaged. Damaged products pose a danger to your safety.

NOTICE



For free-standing and under-counter models, do not remove the kick plate of the appliance. This will void the warranty.

- When placing the product in place after installation or cleaning, make sure that the water inlet and drain hoses are not folded, pinched or broken.
- Be careful not to damage the floor, wall, pipes, etc. when placing the product. Do not hold the door or panel to move the product.

Additional information

[↗ Correct location for installation](#)

[↗ Connecting to the water supply](#)

[↗ Connecting to the water drain](#)

[↗ Adjusting the feet](#)

[↗ Electricity connection](#)

Correct location for installation

- There must not be any lockable, sliding or hinged doors in the place where the product is installed, which would restrict the full opening of the door.
- Place the product on a solid and level surface with sufficient load-bearing capacity! Placing the machine on a level surface is essential for the door to close properly and tightly.
- Do not install the product in places where the temperature drops below 0 °C.
- Place the product on a hard floor. Do not place it on a long-pile carpet or similar surface.
- Choose a place where you can load and unload the dishes easily and quickly.
- Place the product close to the tap and drain. Choose the location of the product in such a way that you do not change it after it has been connected.

NOTICE



Do not place the product on the power cable. The cable may be damaged, causing a risk of electric shock or fire.

Connecting to the water supply

To prevent dirt (sand, clay, rust, etc.) from the city network or your water supply system from damaging the machine and your dishes, we recommend installing a filter on the water inlet.

Maximum allowable water inlet temperature:

- With feature containing models, it is 60 °C.
- Up to 25 °C for other models.

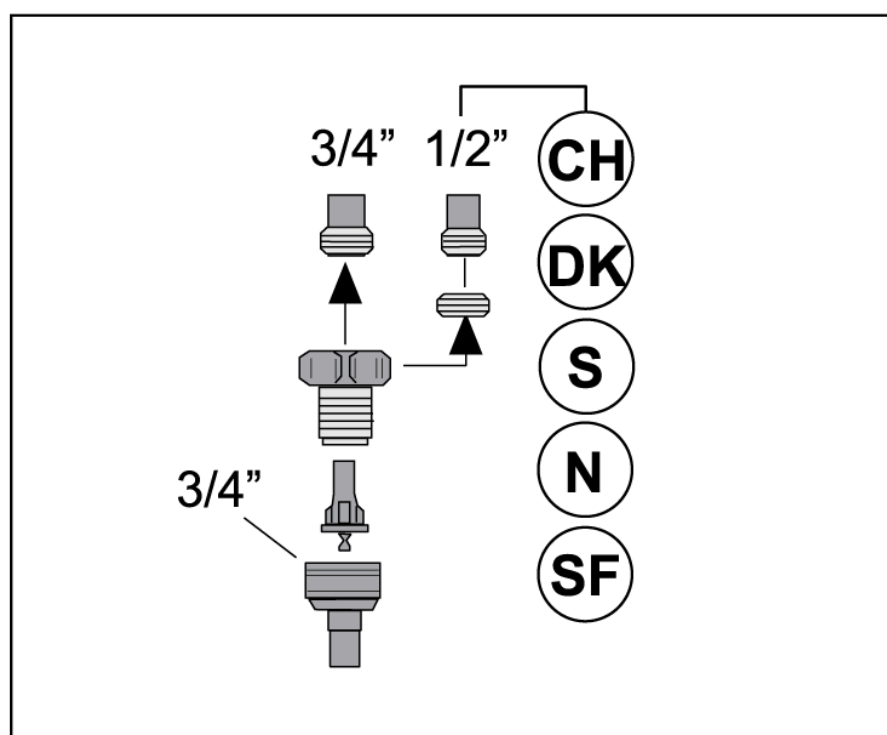
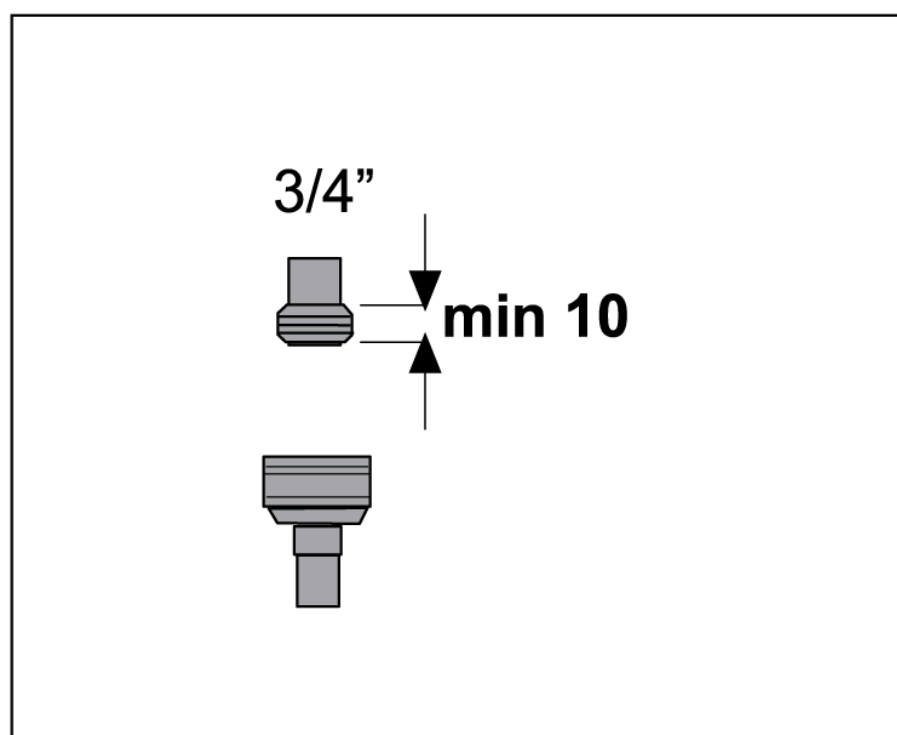
The dishwasher must not be connected to warm water appliances or running water heaters.

NOTICE Do not use an old or used water inlet hose on a new product. Use the new water inlet hose supplied with the machine. Do not splice the hoses.

NOTICE Connect the water inlet hose directly to the water tap. The pressure supplied from the tap must be at least 0.3 and no more than 10 bar. If the water pressure exceeds 10 Bar, a pressure reducing valve must be installed.

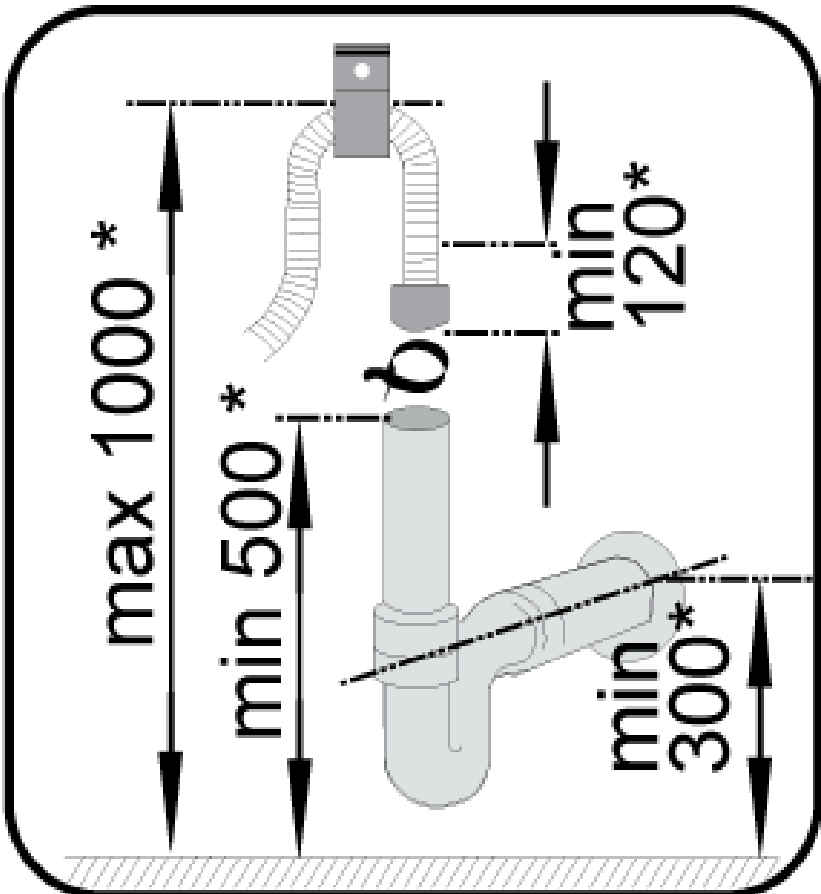
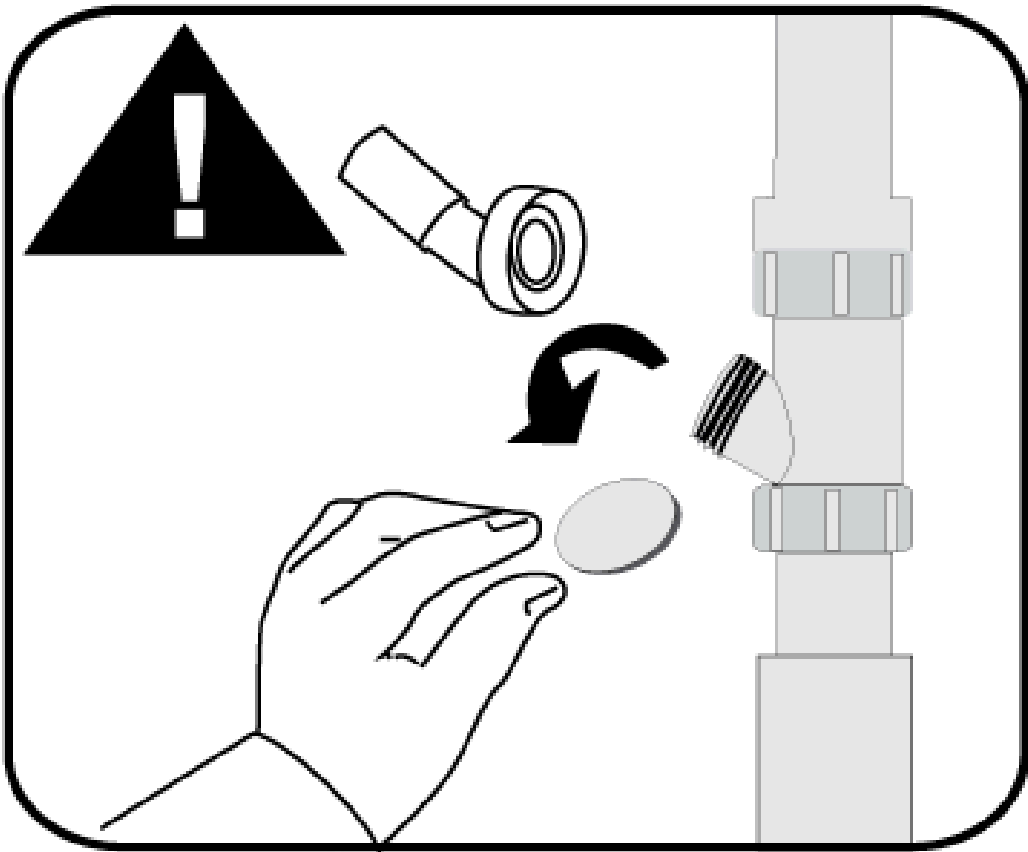
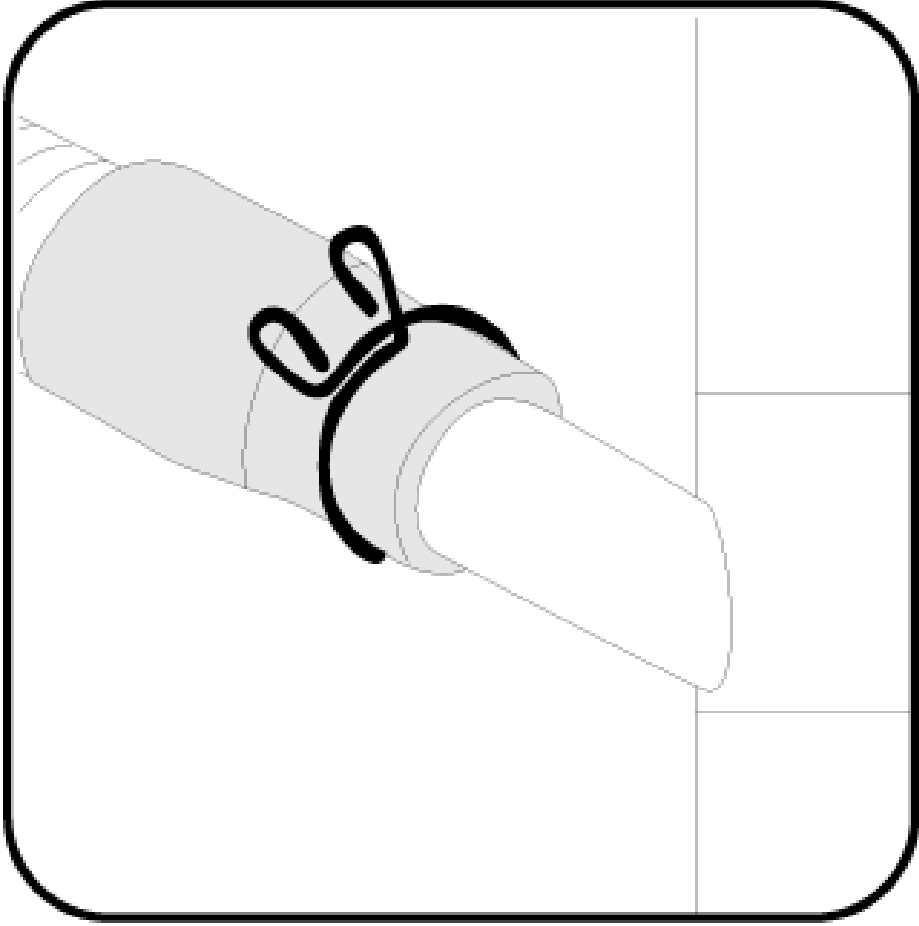
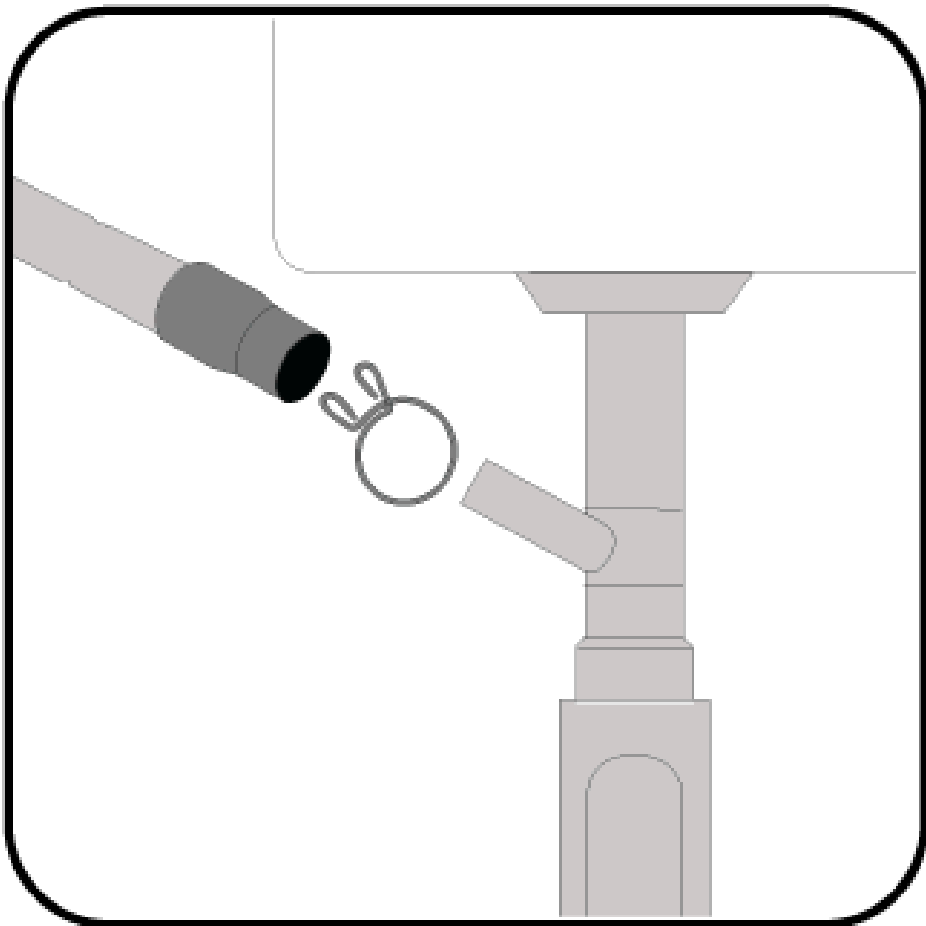
NOTICE The water supply and drain hose must be securely fastened and undamaged.

NOTE After making the connections, open the tap fully and check for water leaks.



Connecting to the water drain

The water drain hose can be connected directly to the waste water drain or to the drain of the sink. For more detailed information, refer to the installation instructions supplied with your machine.



* mm

The waste water drain must be connected to the sewer and must not be connected to surface water.

Adjusting the feet

If the door of the product does not close properly or shakes when you push it gently with your hand, this means that the feet are not adjusted. Adjust the feet of the product as shown in the installation manual supplied with the product.

NOTICE



Hot steam may escape if the dishwasher door is not adjusted properly. Serious burns can cause injury and damage your furniture.

Electricity connection

NOTICE



Connect the product to a grounded socket protected by a fuse in accordance with the values in the "Technical specifications" table. Our company shall not be responsible for any damages that may occur if the product is used without grounding in accordance with local regulations.

- The connection must comply with national regulations.
- The plug of the power cord must be easily accessible following the installation.
- Connect the product to a grounded socket protected by a 16 ampere fuse.
- The specified voltage must be equivalent to your mains voltage.

NOTICE



Do not connect with extension cords or multiple sockets.

NOTICE



A damaged power cord must be replaced by authorised service.

Preparation

NOTICE



Read the "Safety Instructions" section first!

Additional information

- ↪ [Considerations for energy saving](#)
 - ↪ [Water softening system](#)
 - ↪ [Setting the Water Softening System](#)
 - ↪ [Filling the salt](#)
 - ↪ [Detergent](#)
 - ↪ [Rinse aid](#)
 - ↪ [Parts not suitable for washing in the dishwasher](#)
 - ↪ [Placing the dishes in the dishwasher](#)
 - ↪ [Cutlery basket](#)
 - ↪ [Cutlery basket](#)
 - ↪ [Foldable lower basket wires](#)
 - ↪ [Lower basket multi-purpose / height-adjustable serving rack](#)
 - ↪ [Height Adjustable Upper Basket Rack](#)
 - ↪ [Lower basket with bottle wire](#)
 - ↪ [Upper basket multi-function service rack](#)
 - ↪ [Upper basket multi-function service rack](#)
 - ↪ [Adjusting the height of the upper basket](#)
 - ↪ [Adjusting the height of the upper basket](#)
 - ↪ [Adjusting the height of the upper basket](#)
 - ↪ [Foldable upper basket wires](#)
 - ↪ [Cutlery basket](#)
 - ↪ [Cutlery basket](#)
 - ↪ [Lower Spray Arm](#)
 - ↪ [Upper Spray Arm](#)
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Considerations for energy saving

The following information will help you to use the product in an ecological and energy-saving way.

Remove all coarse waste before placing the dishes in the machine.

NOTICE



It is not recommended to pre-clean the dishes before loading them into the machine as this will consume energy and water.

NOTICE



Washing the dishes in the dishwasher consumes less energy and water than washing them by hand.

Start the machine after it is fully loaded.

Pay attention to the "Cycle Information and Average Consumption Table" when selecting a cycle.

Do not use more detergent than recommended on the detergent packaging.

Water softening system

The machine is equipped with a special water softening system that reduces the hardness of the mains water. This system softens the water to the level required for washing dishes to the desired quality.

NOTICE



Mains water must be softened if its hardness is above 7°dH. Otherwise hardness ions will accumulate on the washing utensils and may affect the washing, rinsing and drying performance of the machine.

Setting the water softening system

Washing efficiency will be improved when the water softening system is set correctly.

Read the section on adjusting the water softening system first.

Regeneration of the water softening system can take place in all cycles during the drying step. When regeneration is performed, the duration of the cycle, energy and water consumption are increased. For the regeneration process, the table below shows the frequency of the regeneration process, maximum additional time, water and energy consumption depending on the water consumption for the Eco 50 °C cycle when the dishwasher is operated under standard conditions with a water supply of 14 dH.

Eco 50 °C water consumption (l)	renew after cycle	Additional time (min)	Additional water consumption (l)	Additional energy consumption (kWh)
12.3-14.7	5	5	3.0	0.05
9.6-12.2	6	5	3.0	0.05
9.0-9.5	7	5	3.0	0.05
8.0-9.0	8	5	3.0	0.05
7.0-7.9	9	5	3.0	0.05

For water consumption in the Eco 50 °C cycle of your dishwasher, refer to the Cycle Information and Average Consumption Values Table given in the Cycle Table.







Setting the Water Softening System

When the water softening system is set correctly, the washing, rinsing and drying performance of your dishwasher will increase.

NOTICE! To set the system, first find out your water hardness level from the authorised service in your region and set it as follows.

After the determination of the water hardness:

1. Press the Delay and Program keys simultaneously for 3 seconds to enter the settings menu after turning your machine on.
2. Keep the program knob pressed until the low salt warning indicator starts to flash. Current regeneration level is indicated on the program indicator.
3. Set the water hardness to a proper level for the hardness of your mains water with the Delay key. For the correct setting, refer to the "Water hardness level setting table".
4. Save by pressing On / Off key.

Hardness Level	English Hardness °dE	German Hardness °dH	French Hardness °dF	Water Hardness Level Indicator
0. Level 	0-5	0-4	0-8	Bring the water hardness setting to position 1 by pressing the Select key. (r1)
1. Level 	6-9	5-7	9-13	Bring the water hardness setting to position 1 by pressing the Select key. (r1)
2. Level 	10-15	8-12	14-22	Bring the water hardness setting to position 2 by pressing the Select key. (r2)
3. Level 	16-19	13-15	23-27	Bring the water hardness setting to position 3 by pressing the Select key. (r3)
4. Level 	20-24	16-19	28-34	Bring the water hardness setting to position 4 by pressing the Select key. (r4)
5. Level 	25-62	20-50	35-90	Bring the water hardness setting to position 5 by pressing the Select key. (r5)

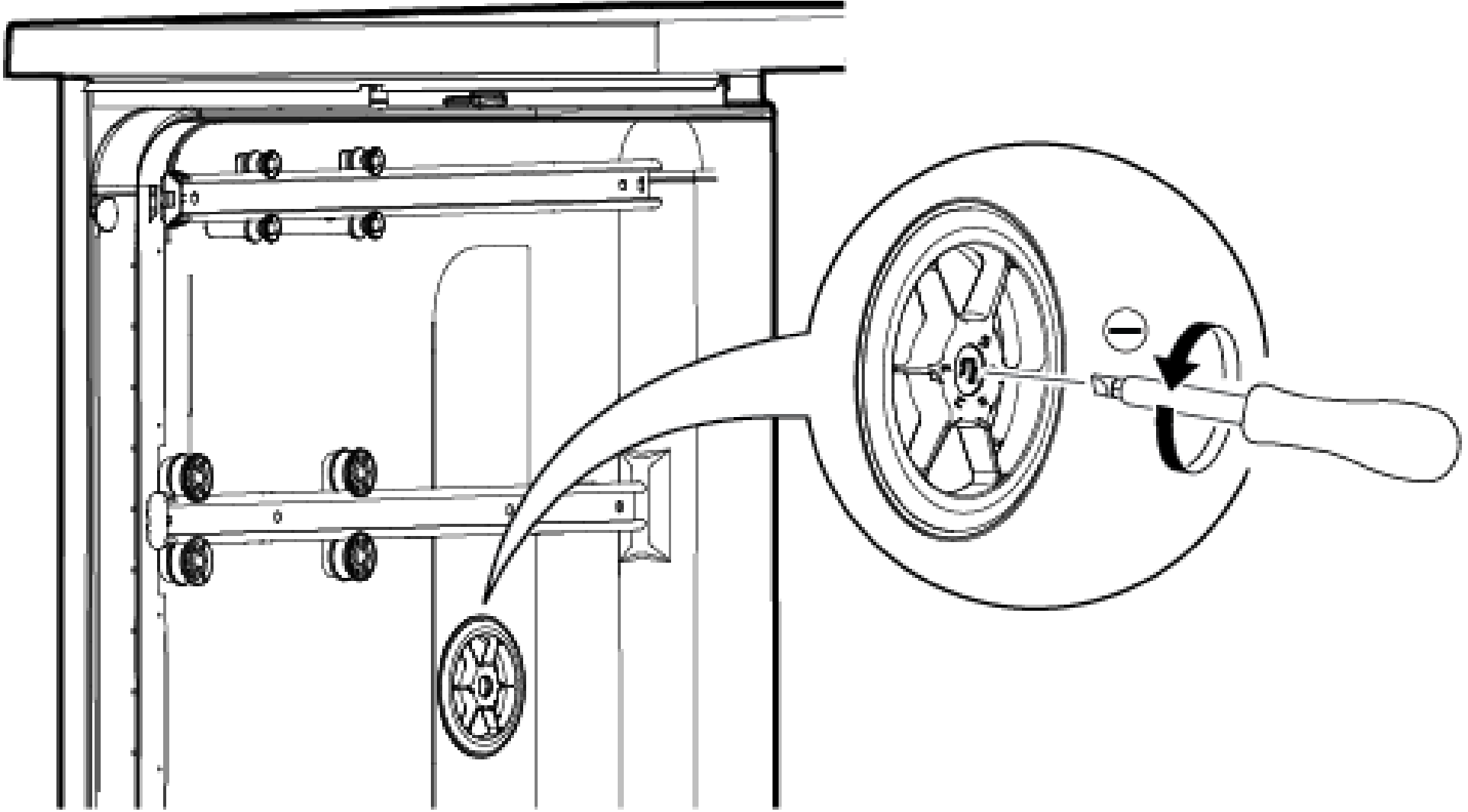
Water Hardness Level Setting Table

Make the same hardness level you set on the control panel with the regeneration adjustment switch. For example, if the setting on the control panel is 3, set the regeneration setting switch to 3.

- If the hardness of the water you use is above 50°dH (French hardness) or if you use well water, it is recommended to use filters and water purifiers.
- If the hardness of the water you use is below 7°dH, you do not need to use salt in your dishwasher. In this case, the "Salt Shortage Warning Indicator" on the control panel of your machine will be on continuously.
- If your water hardness setting is at level 1, the "Salt Shortage Warning Indicator" will remain on continuously even though you do not need to use salt. If you use salt in this position, salt will not be consumed and the lamp will not light.

NOTICE! In case of relocation, you need to adjust the water hardness setting of your machine again according to the water hardness of the place you move to, taking into account the information given above. If the water hardness setting of your machine has been adjusted before, the last water hardness setting will be displayed on the screen of your machine.

Mechanical Water Hardness Adjustment



The glass care function setting is used to adjust the water hardness level of the pre-softened wash water in the dishwasher. The setting must be made according to the water hardness setting level. The adjustment is made with a wide, flat screwdriver. The screwdriver is used to turn the mechanical glass care adjustment switch. Only turn the mechanical switch to the same position as the water hardness setting level.

For example,

Set the Mechanical Glass Care adjustment switch to position 3 for water hardness level "r3"

Set the Mechanical Glass Care adjustment switch to position 4 for water hardness level "r4"

Filling the salt

The water softening system must be renewed in order for the machine to operate at the same performance at all times. Dishwasher salt is used for this purpose.

NOTICE



Only use special softening salt for use in dishwashers.

NOTICE



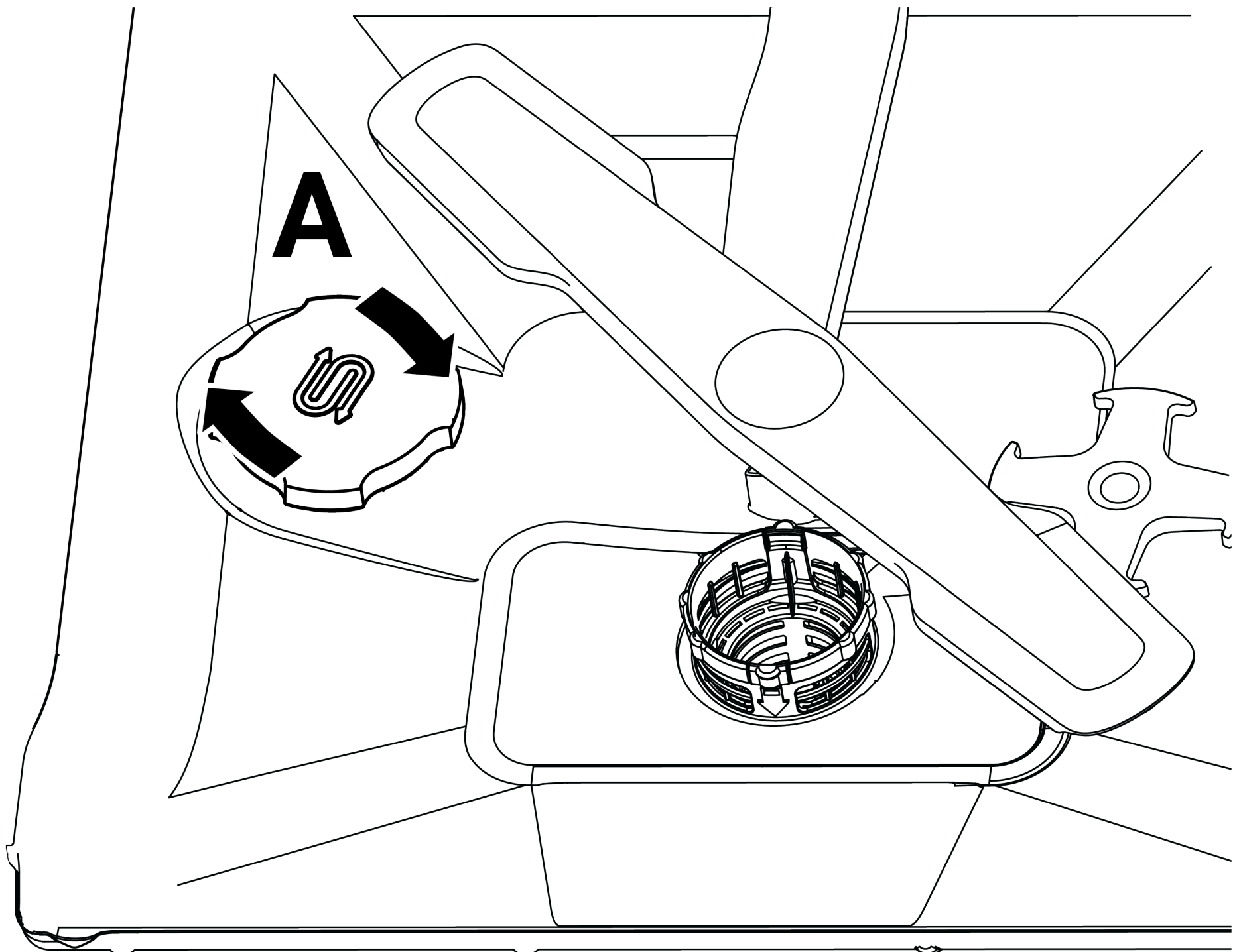
It is recommended to use granulated or powdered softening salts in the water softening system. Do not use salts such as table salt and rock salt that do not dissolve completely in water. Otherwise, the performance of the system may deteriorate over time.

NOTICE

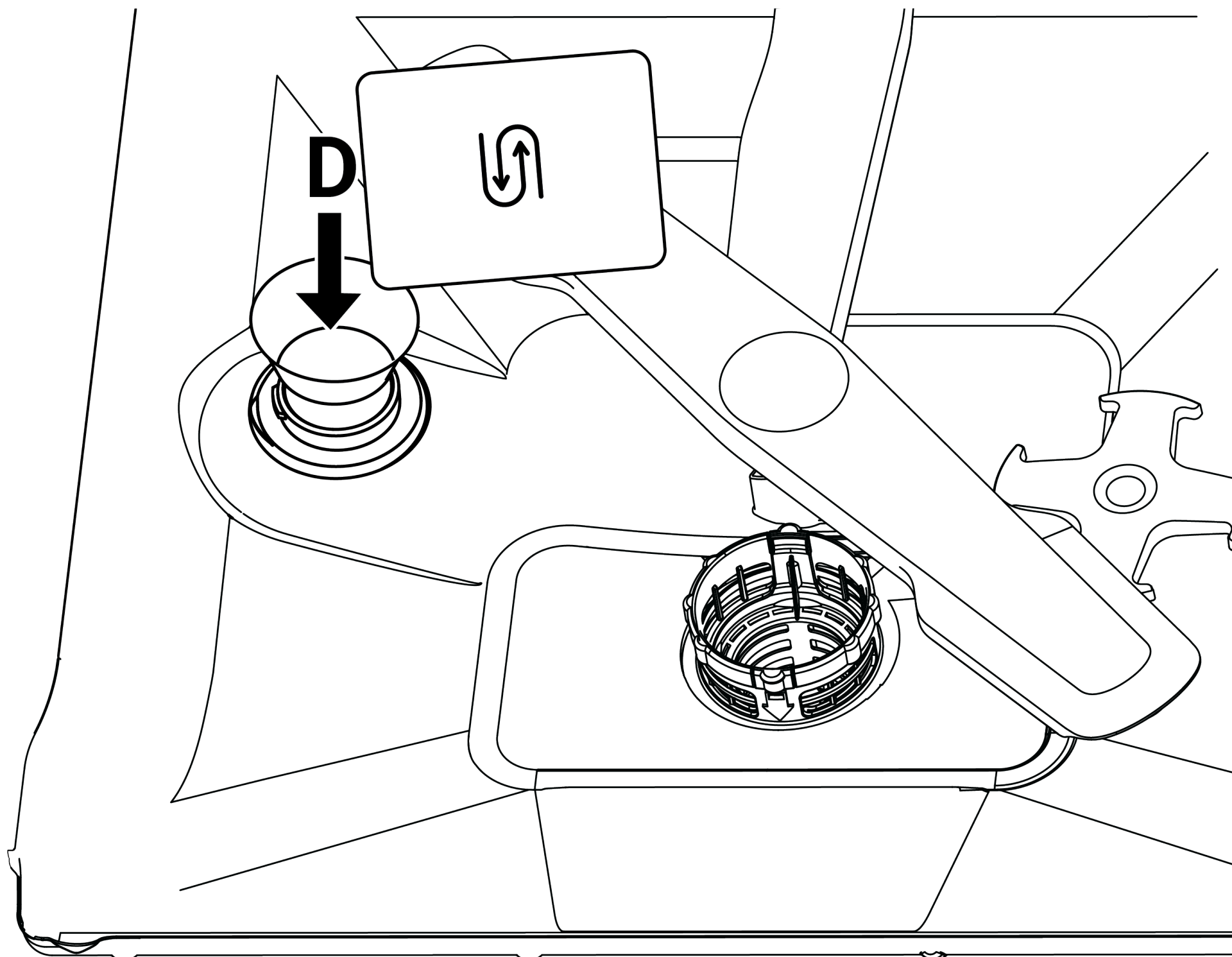


The salt compartment fills with water when you switch on the machine. Therefore, fill the salt compartment before starting the machine.

1. Initially remove the lower basket to load softening salt.
2. Open the salt compartment lid by turning it anti-clockwise (A).



3. Only add 1 litre of water to the salt compartment when using your machine for the first time.
4. Fill the salt compartment with salt (D). Stir with a spoon to speed up the dissolution of the salt in the water.



NOTICE



You can put approx. 2 kg of softening salt in the salt compartment.

1. When the compartment is full, replace the lid and close by turning.

NOTICE



Adding salt should be performed just before starting the machine. In this way, the overflowing brine is cleaned immediately and the risk of corrosion inside the machine is prevented. If you are not going to wash immediately, run the machine empty and without detergent in the shortest cycle.

NOTICE



Depending on the different salt particle sizes of different brands on the market and the water hardness, it may take several hours for the salt to dissolve in the water. For this reason, the "Salt Shortage Warning Indicator" will remain on for a certain period of time after the salt is filled into the machine.

Detergent

You can use powder, liquid / gel and tablet detergent in the machine.

NOTICE



Use only detergents intended for use in dishwashers. We recommend that you do not use detergents containing chlorine and phosphates as these are harmful to the environment.

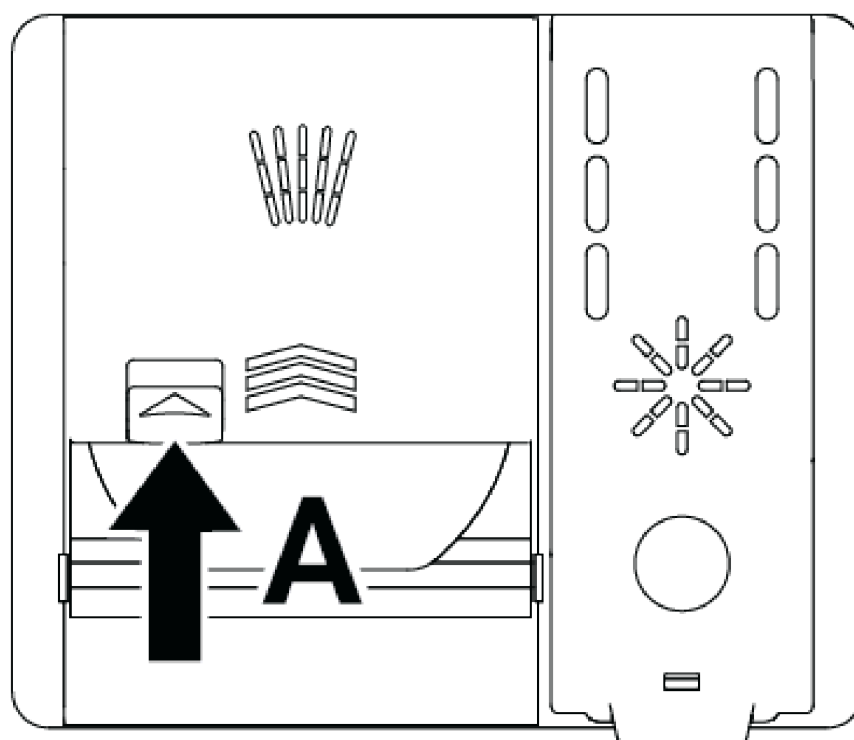
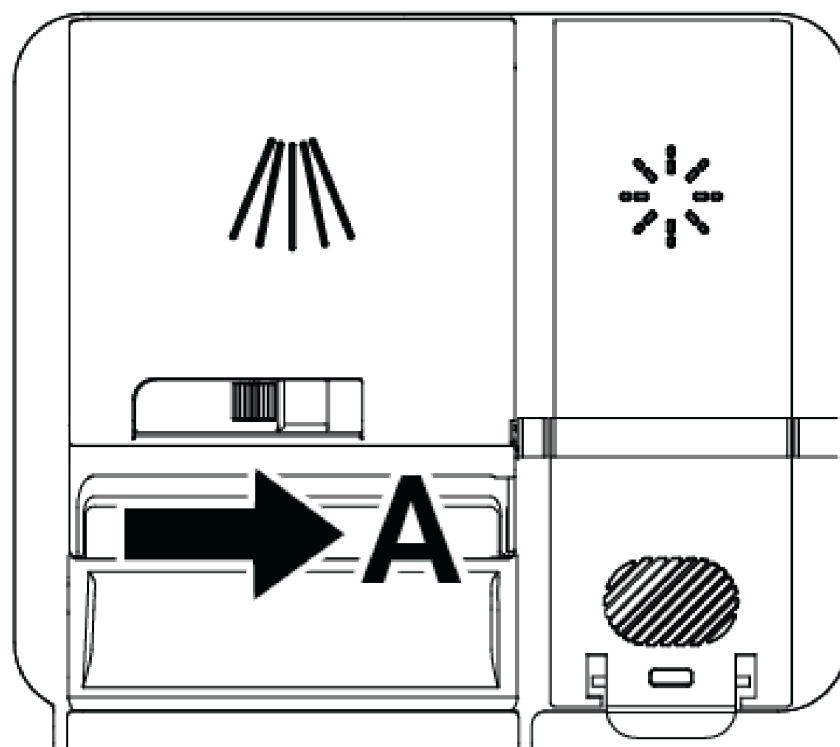
NOTICE



Do not put solvents in the detergent compartment. There is a risk of explosion!

Put the detergent in the detergent compartment as follows immediately before starting the machine.

1. Open the detergent compartment door by pushing the latch to the right (A).(depends on the model)



2. Put the specified amount of powder, liquid/gel or tablet detergent into the compartment.

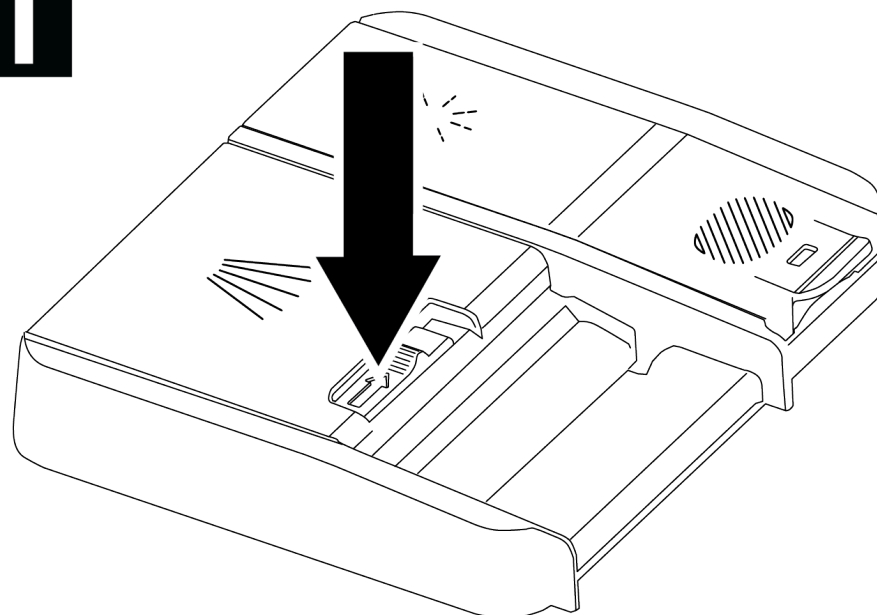
NOTICE



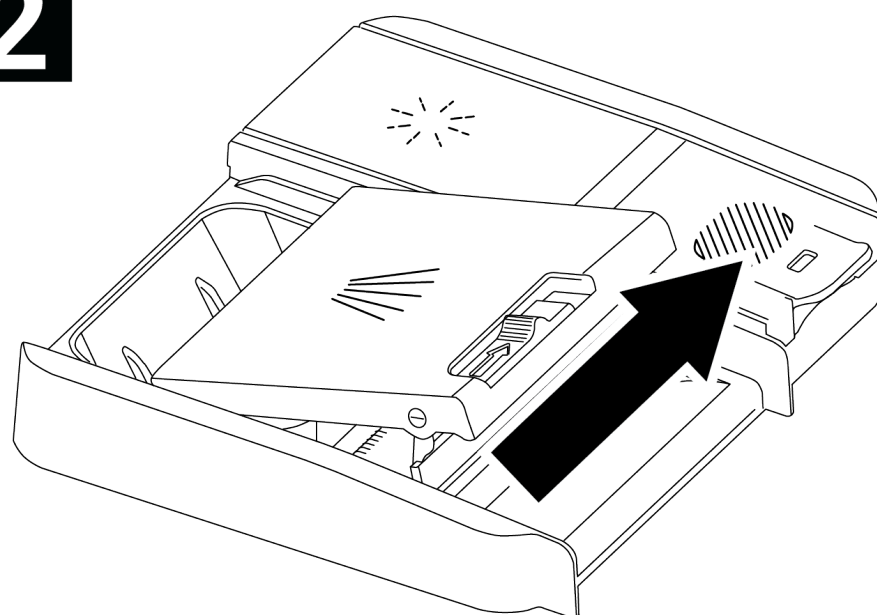
There are level lines on the inside of the detergent compartment to help you use the correct amount of powdered detergent. The detergent compartment holds 45 cm³ of detergent when fully loaded. Fill the detergent compartment up to the level lines of 15 cm³ or 25 cm³ of detergent, depending on how full the machine is and/or how dirty your dishes are. If tablet detergent is used, one tablet is sufficient.

3. Close the lid of the detergent compartment by pushing it in the direction of the arrow. A "click" sound is heard when the lid is closed.

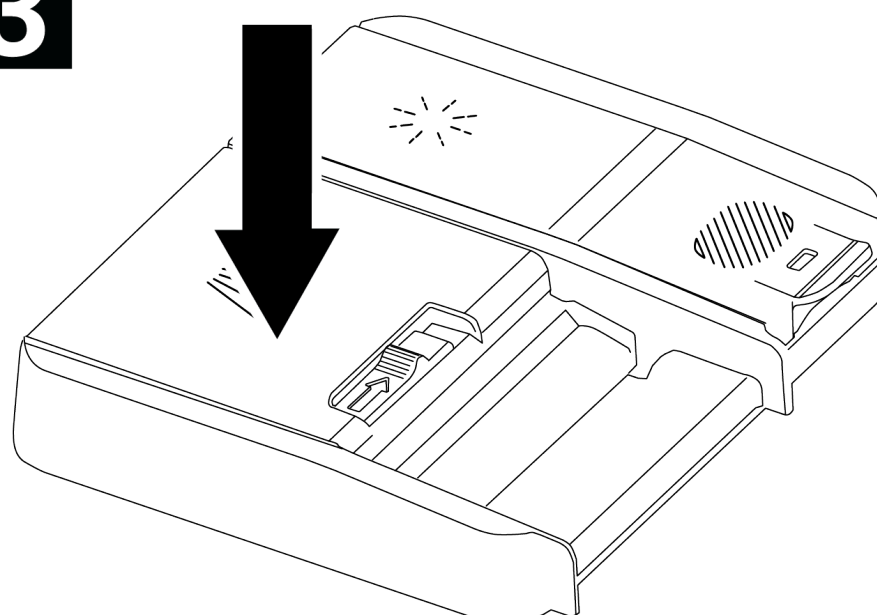
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NOTICE

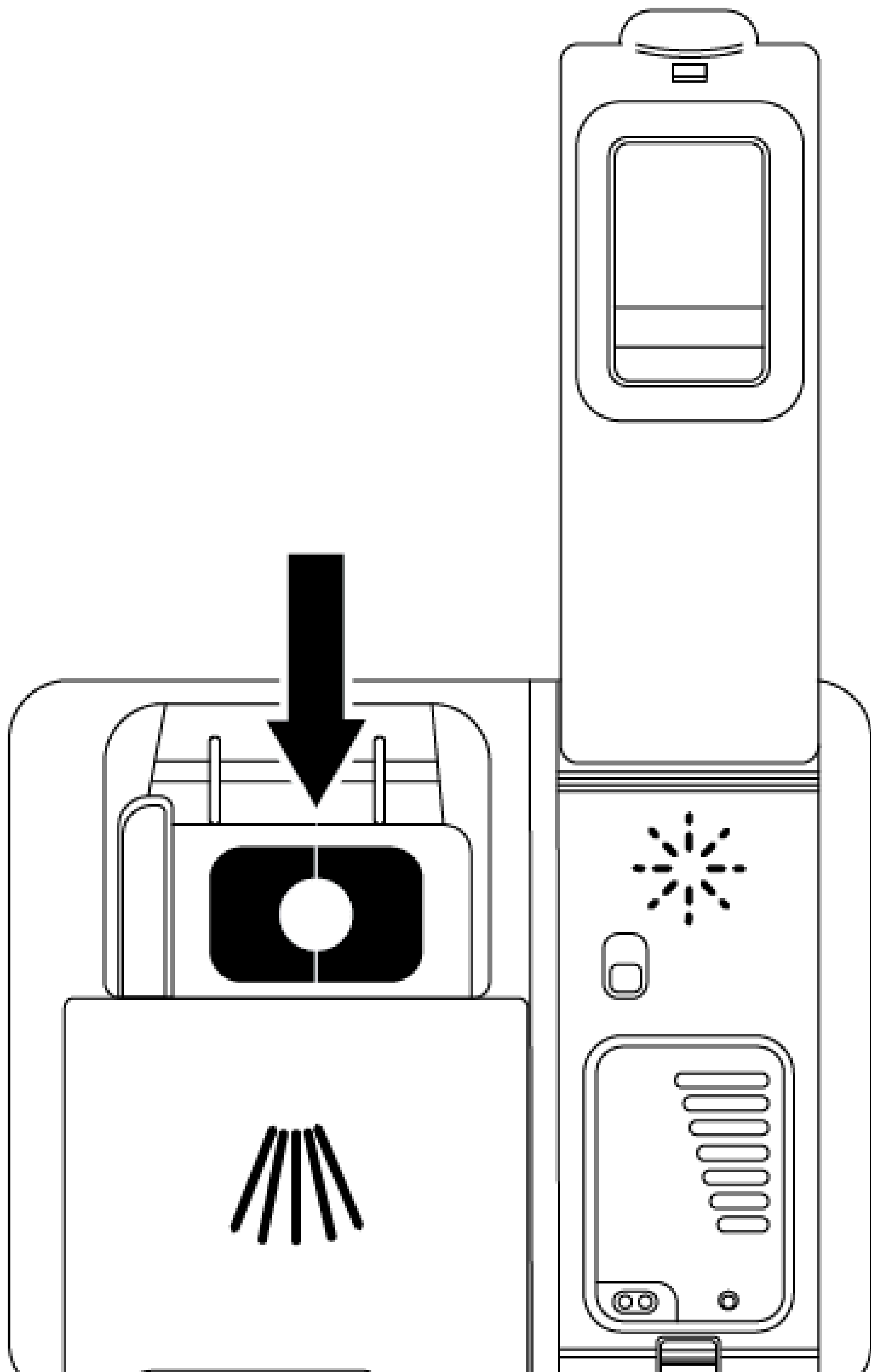


Since the solubility of tablet detergents varies depending on temperature and time, always use powder or liquid/gel detergent in short cycles without pre-wash.

Tablet detergents

In addition to conventional tablet detergents, there are also tablet detergents on the market that contain water softening salt and/or rinse aid. Some of them also contain special components such as glass preservatives and stainless steel preservatives. These tablets work up to a certain water hardness level (21°dH). Water softening salt and rinse aid should be used together with the tablet detergent above this level.

The best washing performance in dishwashers is achieved by using detergent, rinse aid and water softening salt separately.





When you change from tablet detergent to powder detergent:

- Make sure the salt and rinse aid compartment is full.
 - Set the water hardness setting to the highest position and run a wash cycle with the machine empty.
 - After the empty wash cycle, read the instruction manual and adjust the water hardness setting again according to your mains water.
 - Set the appropriate rinse aid setting.
-

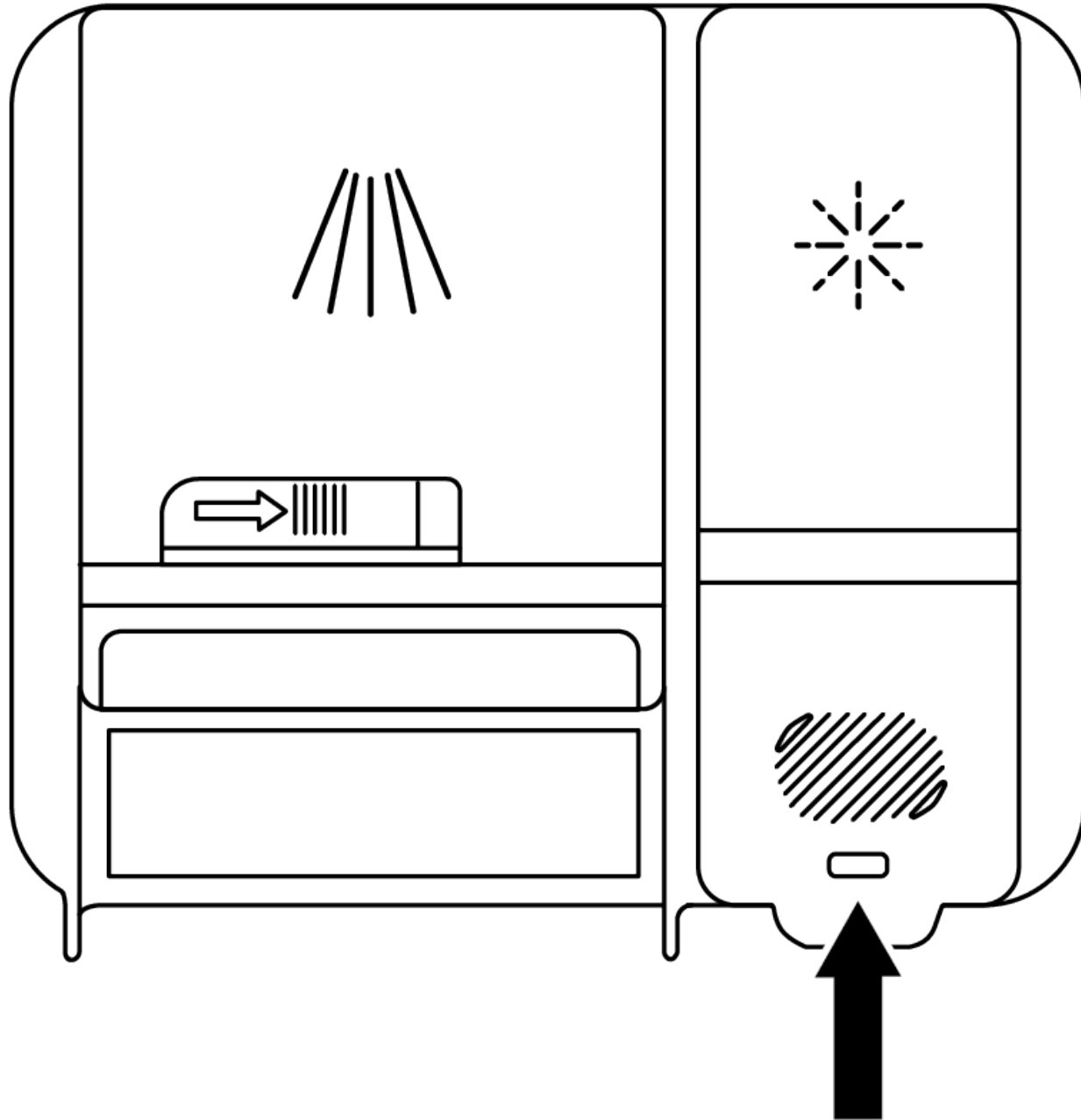
Rinse aid

The rinse aid used in dishwashers is a special compound to improve drying efficiency and to prevent traces of water or limescale from remaining on the washed items. For this reason, make sure that there is rinse aid in the rinse aid compartment and use only rinse aid that is intended for use in dishwashers.

Filling the rinse aid

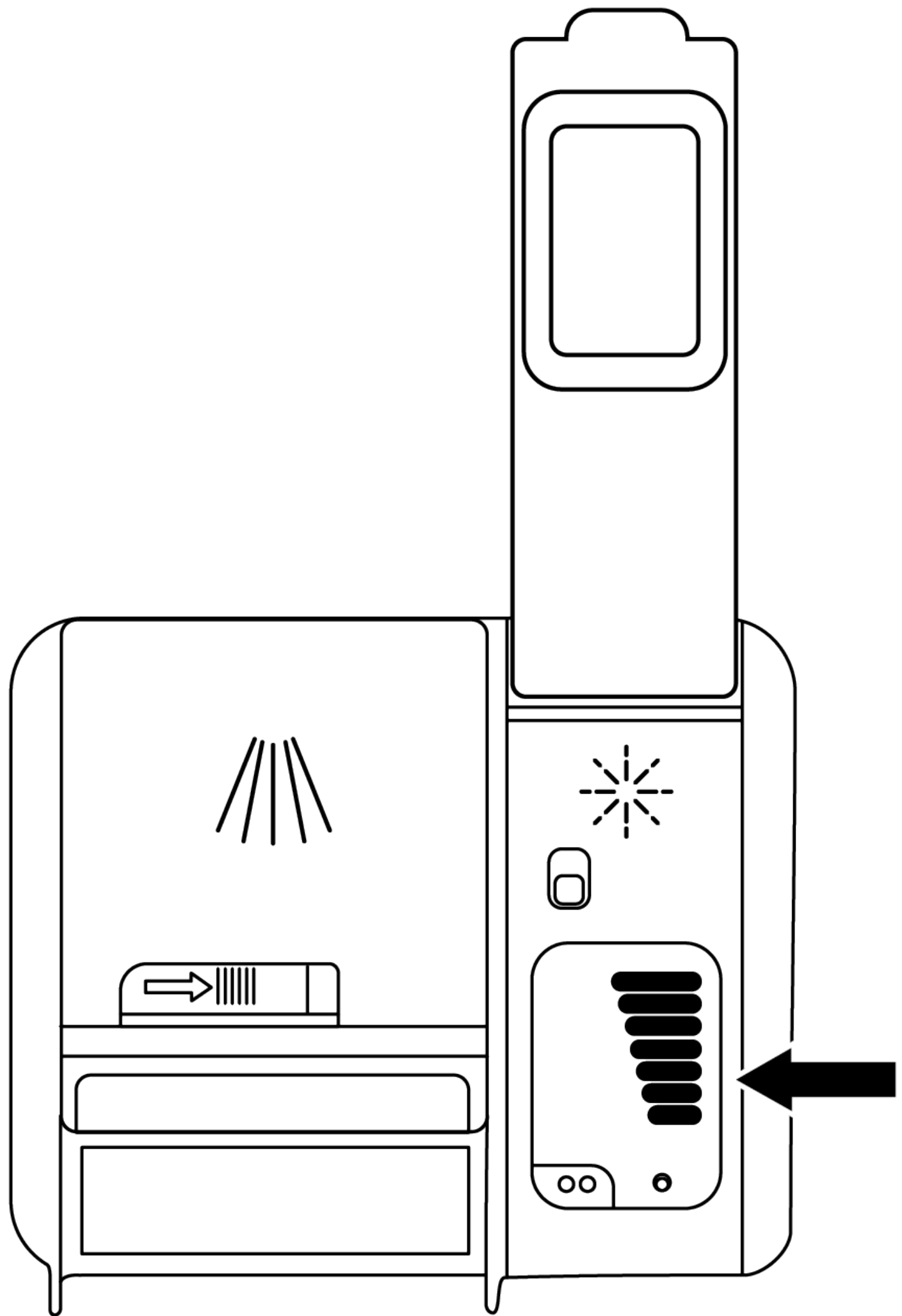
1. Open the rinse aid cap with the latch.

1



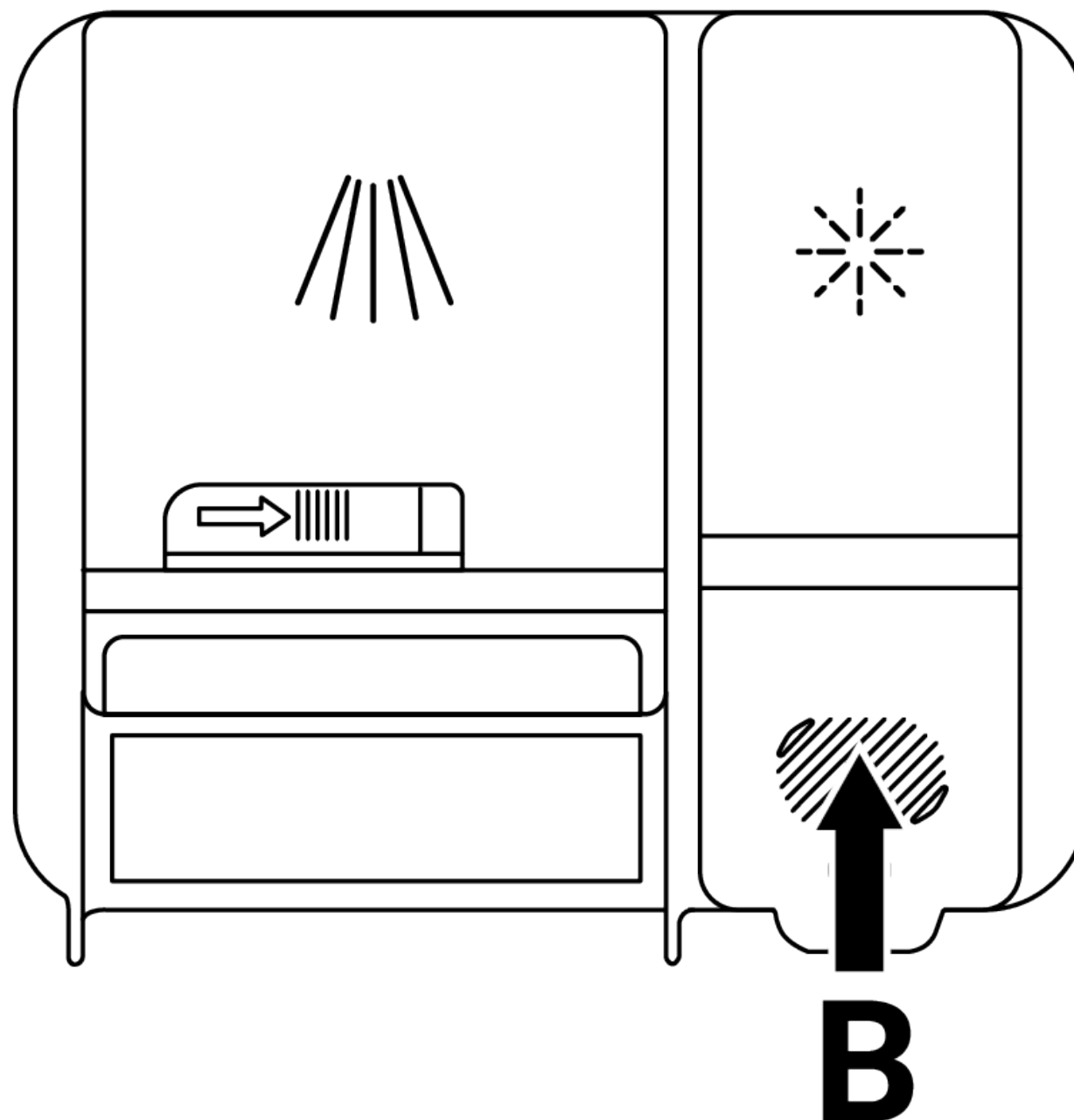
2. Fill the compartment to the MAX level.

2



3. Close the compartment lid by pressing it lightly against point (B).

3



4. Increase the setting if water marks appear on the crockery after washing, or decrease it if a blue mark remains when wiped by hand. This setting is set to position 3 at the factory.

NOTICE



The rinse aid setting is described under the heading "Adjusting the rinse aid quantity" in the operation of machine section.

NOTICE



Wipe off any rinse aid spilled outside the chamber. Accidental spillage of rinse aid will cause foaming and reduce washing performance.

Parts not suitable for washing in the dishwasher

- Do not wash dishes contaminated with cigarette ash, wax residue, varnish, paint, chemicals, etc. in the machine.
- Do not wash forks, spoons and knives with wooden or bone handles, glued parts, non-heat-resistant plastic parts, copper and pewter utensils in the machine.

NOTICE



As with hand washing, the dishwasher may discolour and tarnish decorative prints on porcelain, aluminium and silver. Some types of delicate glass and crystals may lose their transparency over time. We recommend that you pay particular attention to the fact that the new tableware you buy is appropriate for washing in the dishwasher.

Placing the dishes in the dishwasher

If you place the dishes correctly in accordance with the washing capacity of your dishwasher, you will make the best use of the machine in terms of energy consumption, washing and drying performance.

- Remove any food residues (bones, fruit pits, etc.) from the dishes before placing them in the machine.
- If possible, place thin, narrow-bodied items in the centre compartments of the baskets.
- Place very dirty and large items in the lower basket and small, delicate and light items in the upper basket.
- Place deep containers such as bowls, glasses and pots with their mouths downwards. This prevents water from accumulating in them.

NOTICE



To avoid possible injury, always place long and pointed dishes such as serving forks, bread knives, etc. in the cutlery basket with the pointed end downwards or horizontally on the dishwashing baskets.

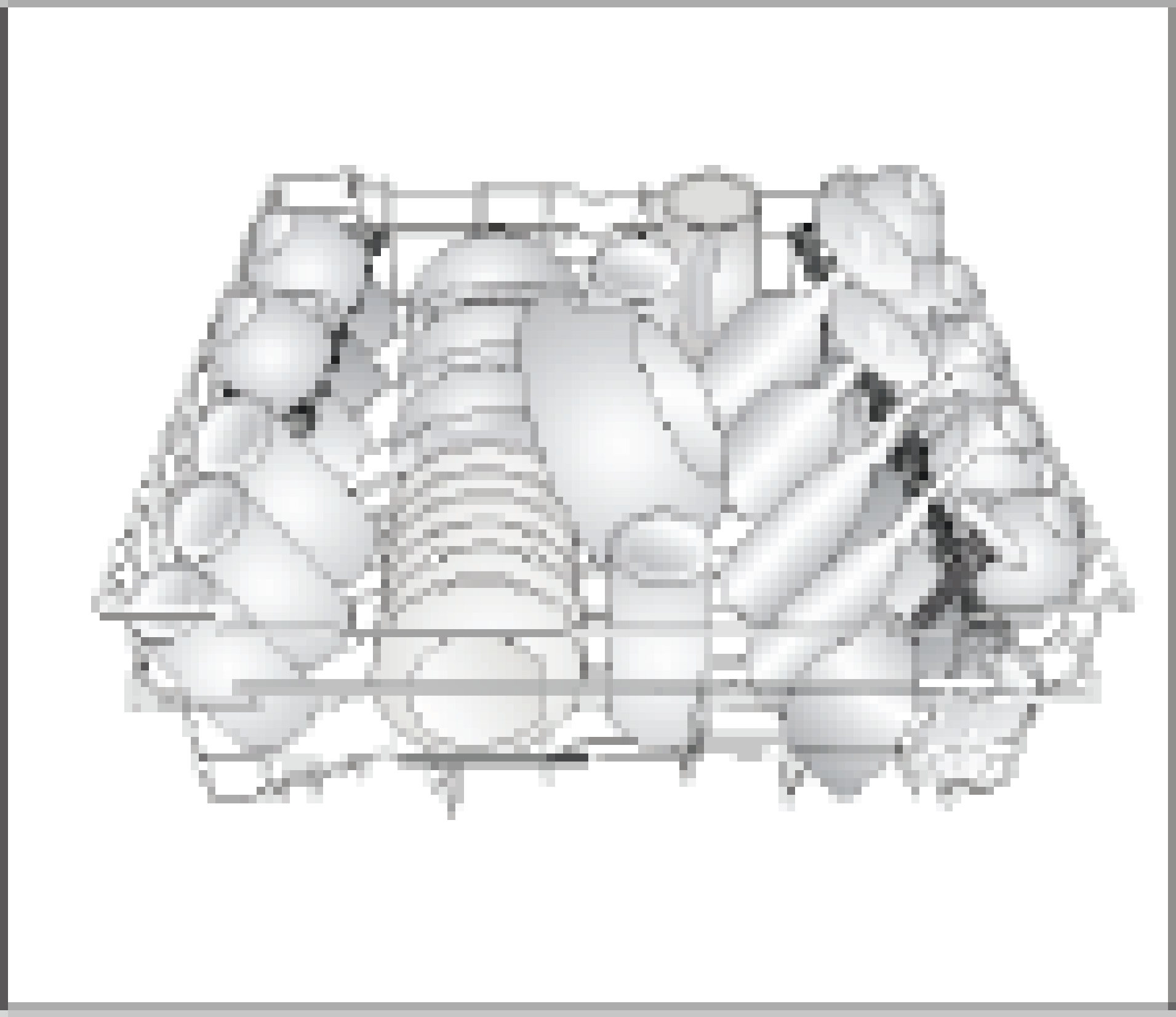
Empty the dishes in the lower basket first, then the dishes in the upper basket.

Alternative Basket Layout Examples

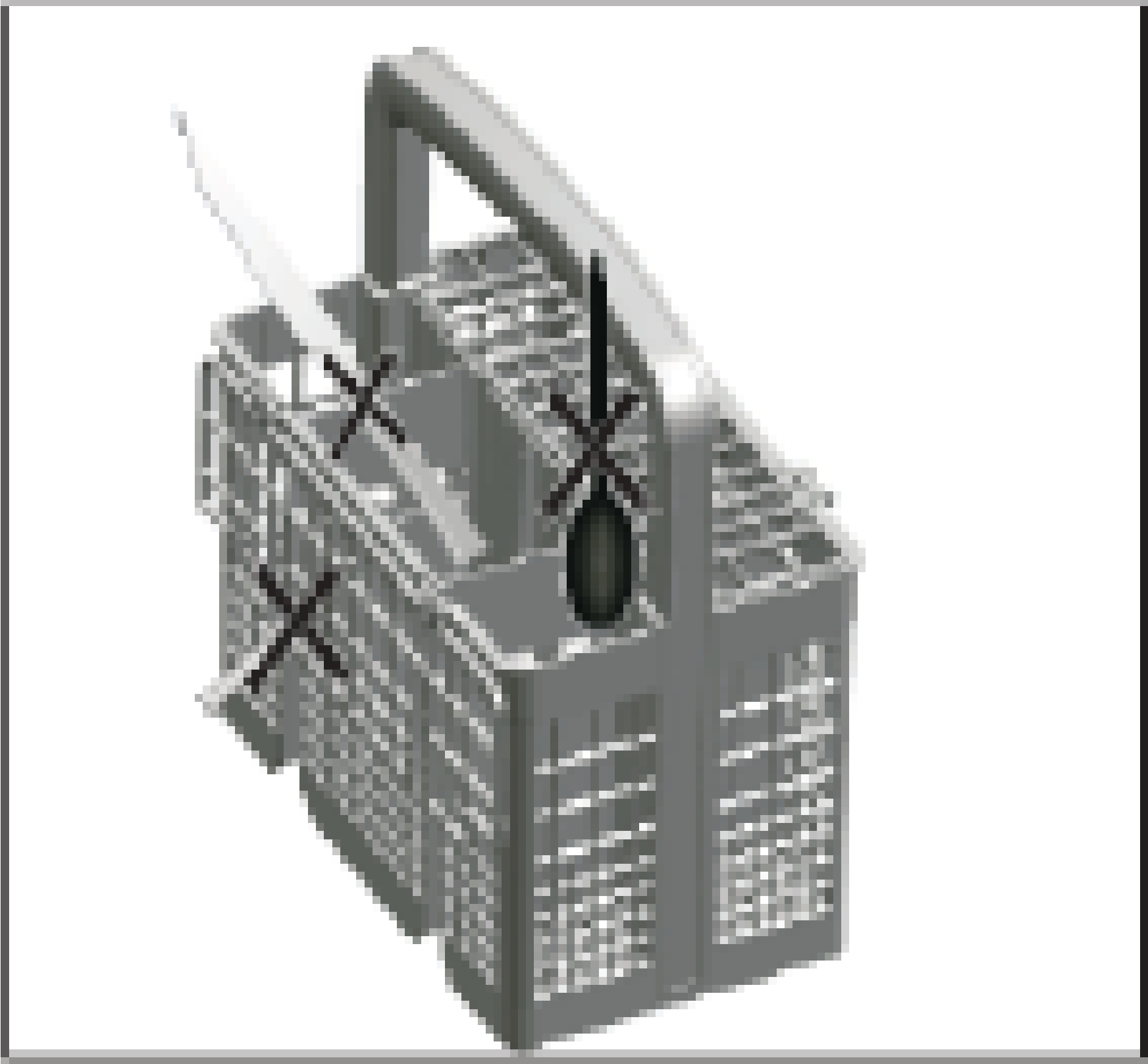
Lower Basket

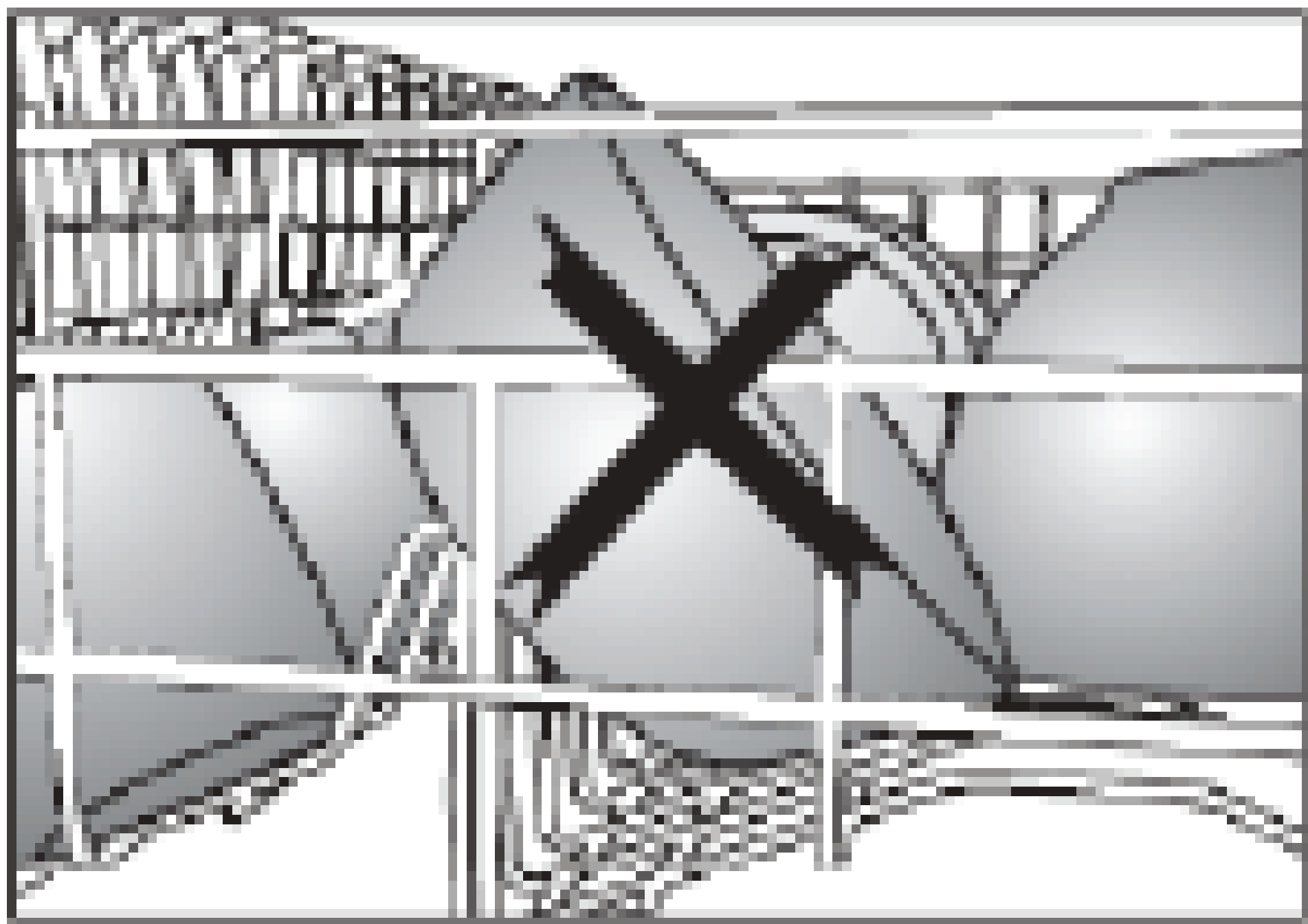
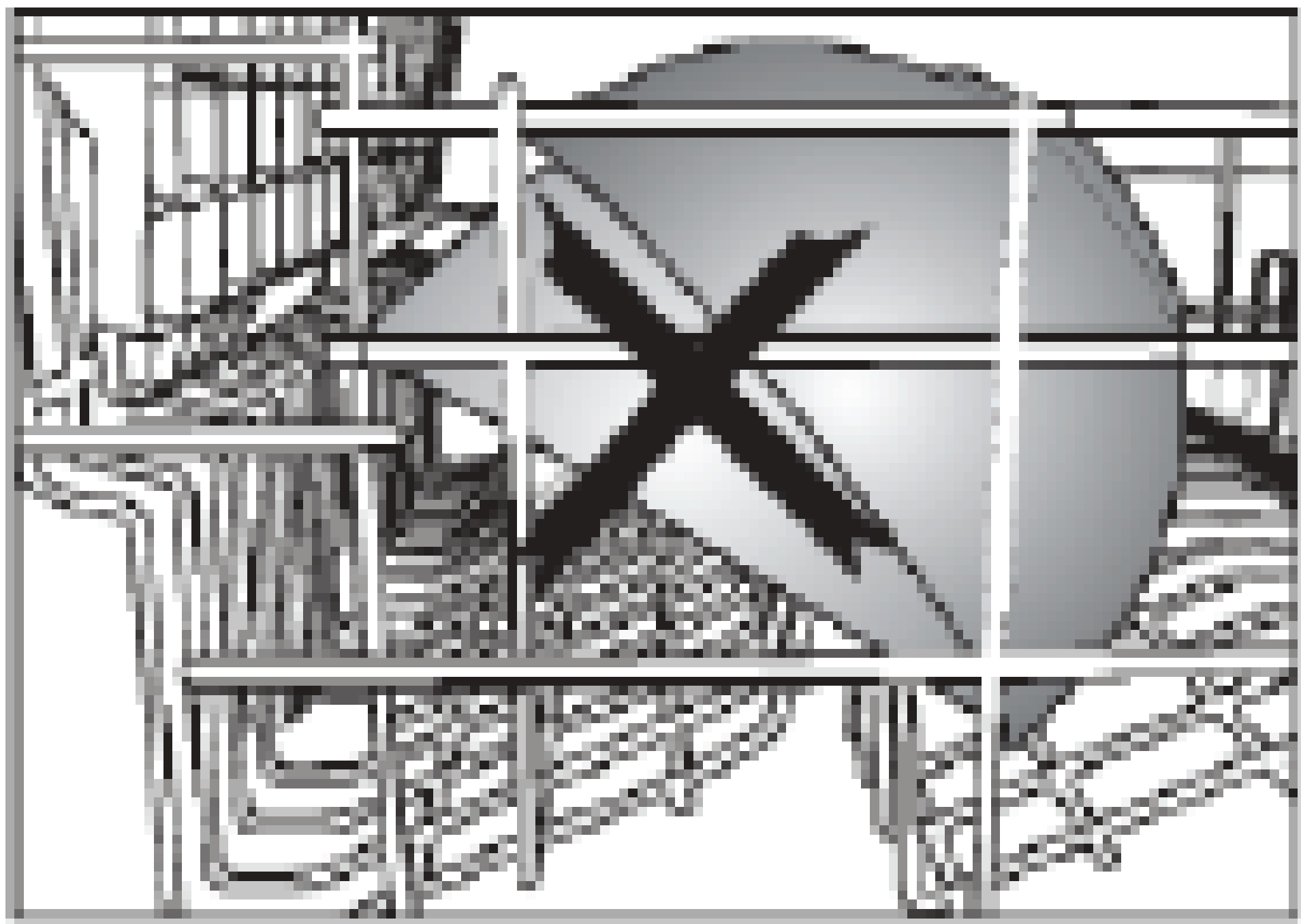


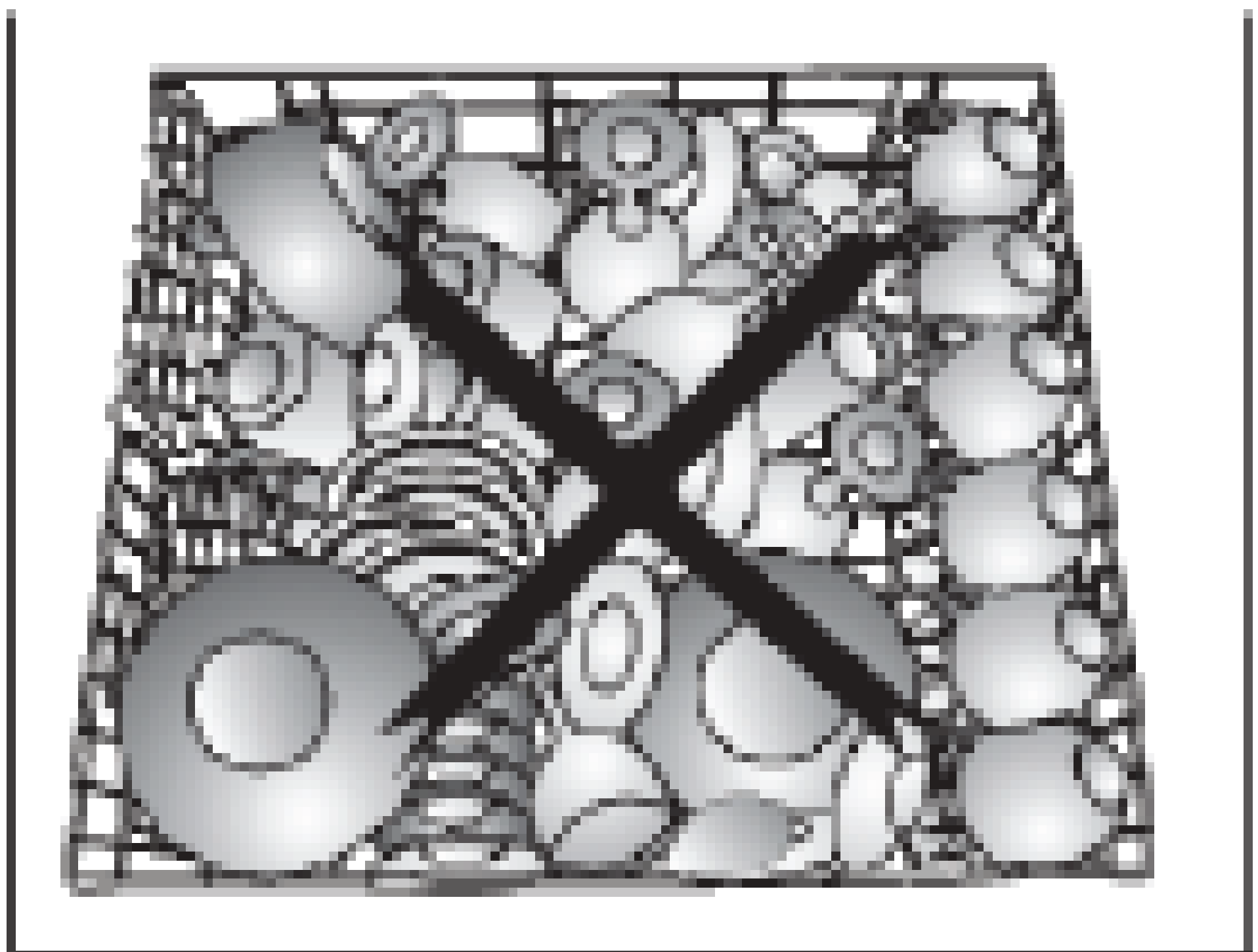
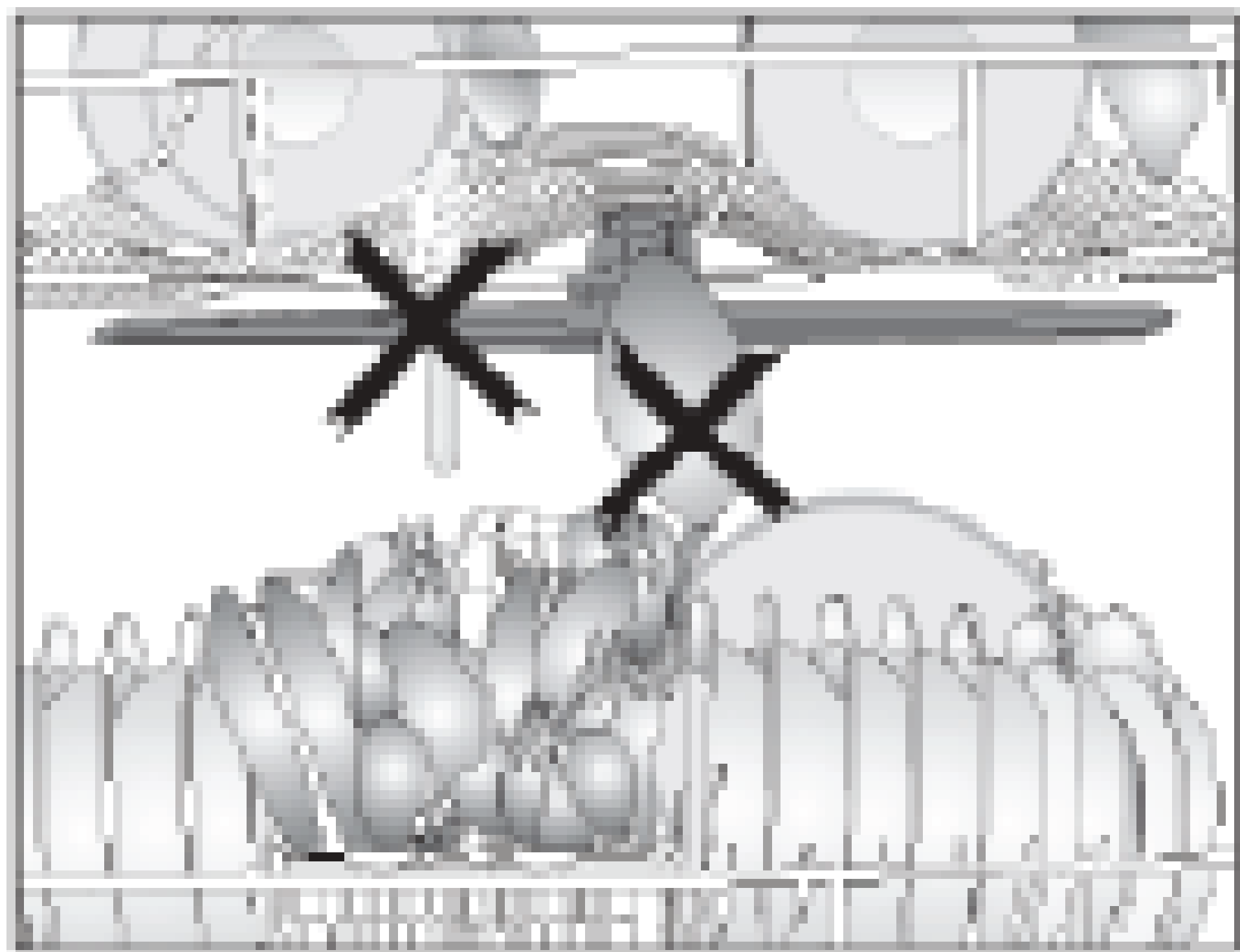
Upper Basket



Incorrect Placements





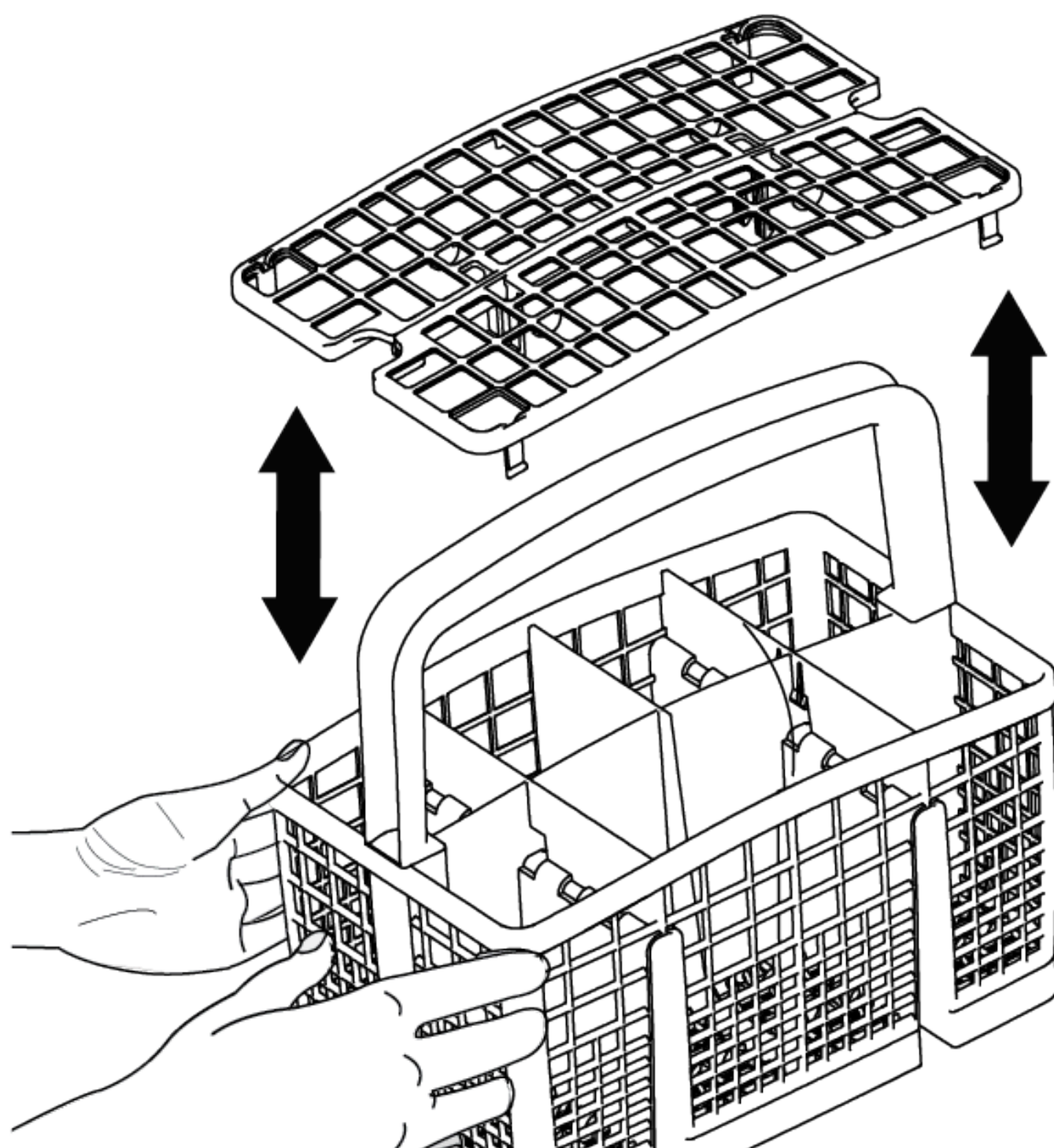
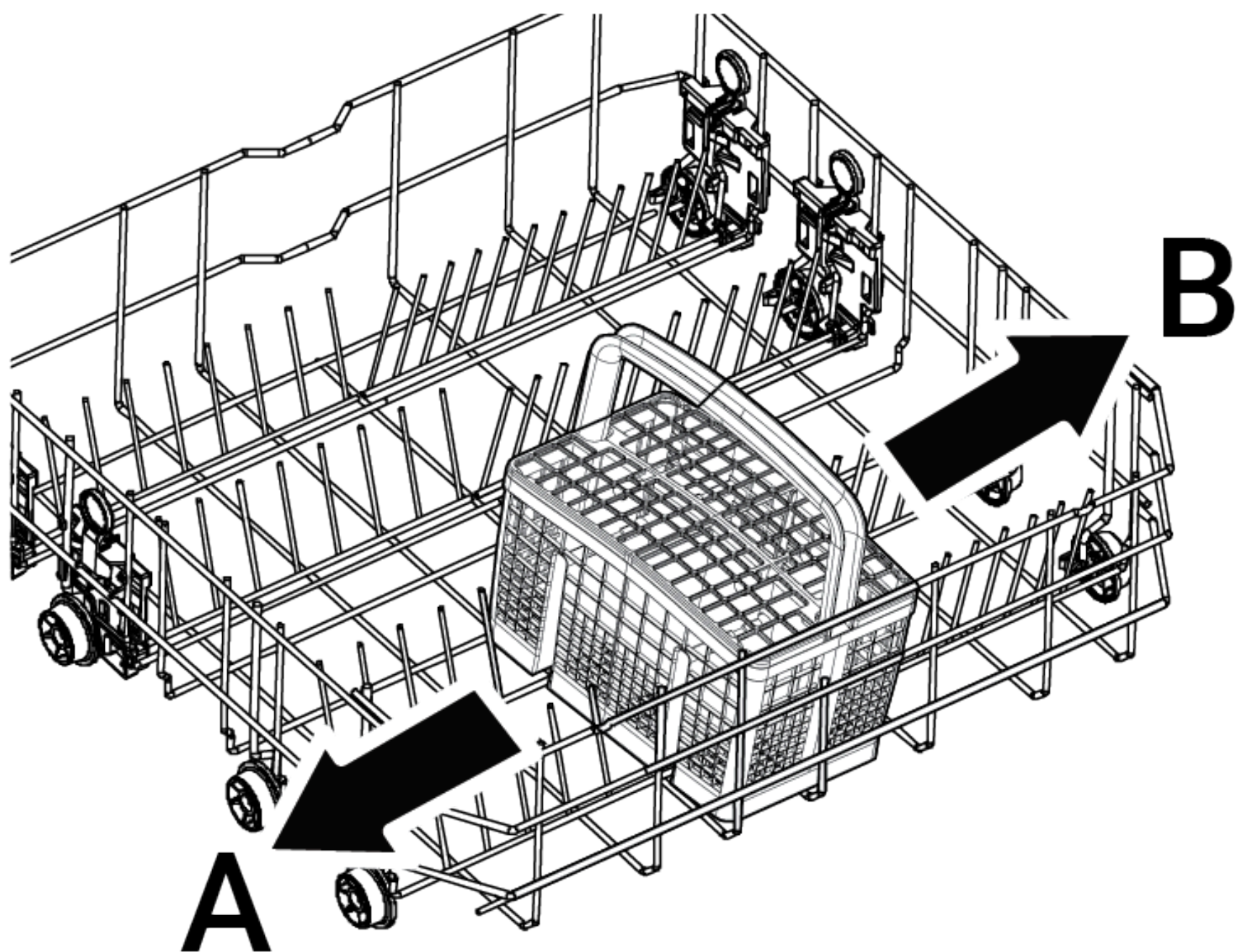


Cutlery basket

(depends on the model)

The cutlery basket is specially designed for cleaner washing of knives, forks, spoons, etc.

Thanks to the movable (A, B) feature of the cutlery basket, you can create wider areas when placing your dishes in the lower basket and open space for your dishes of different sizes.

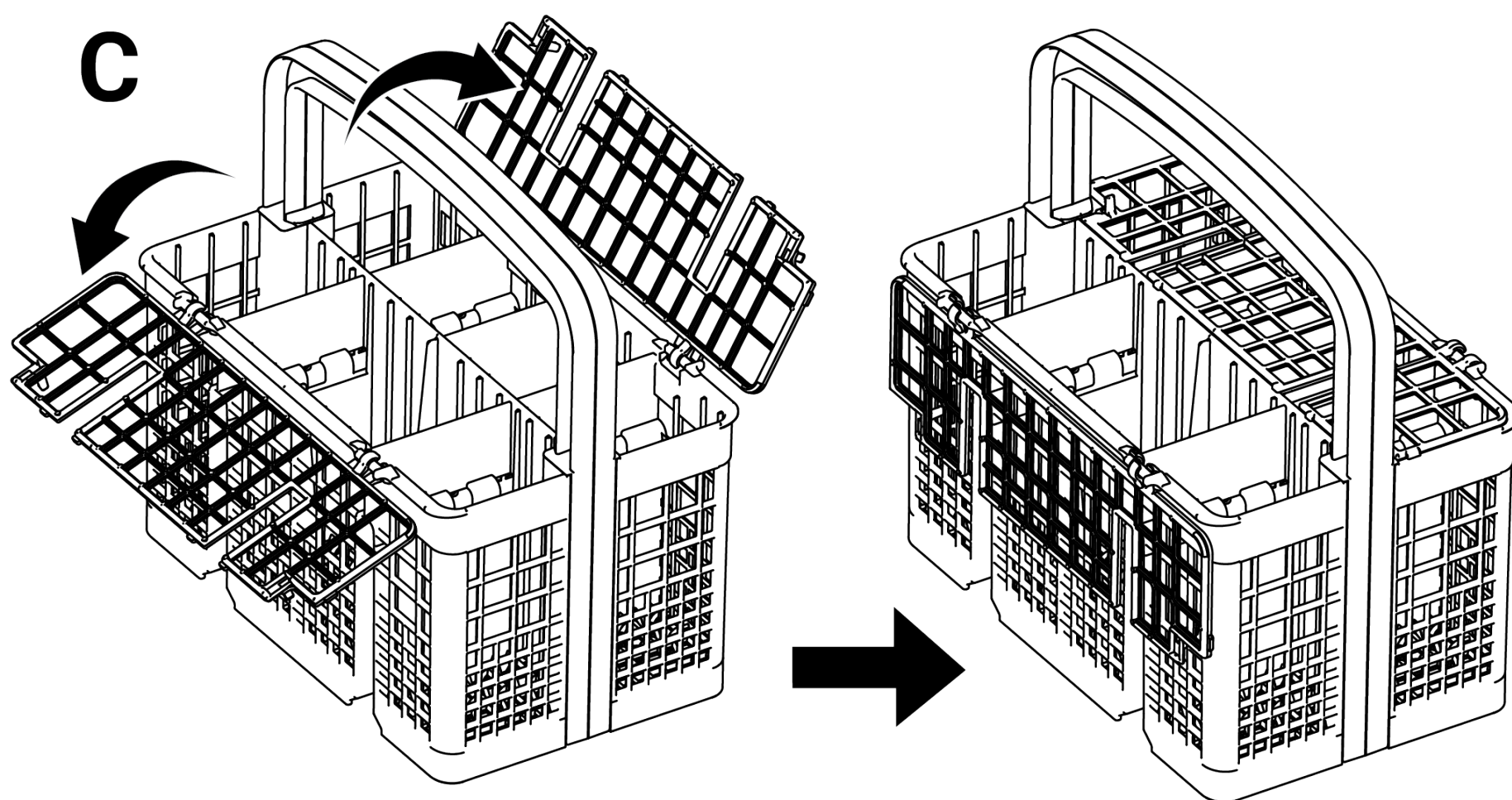
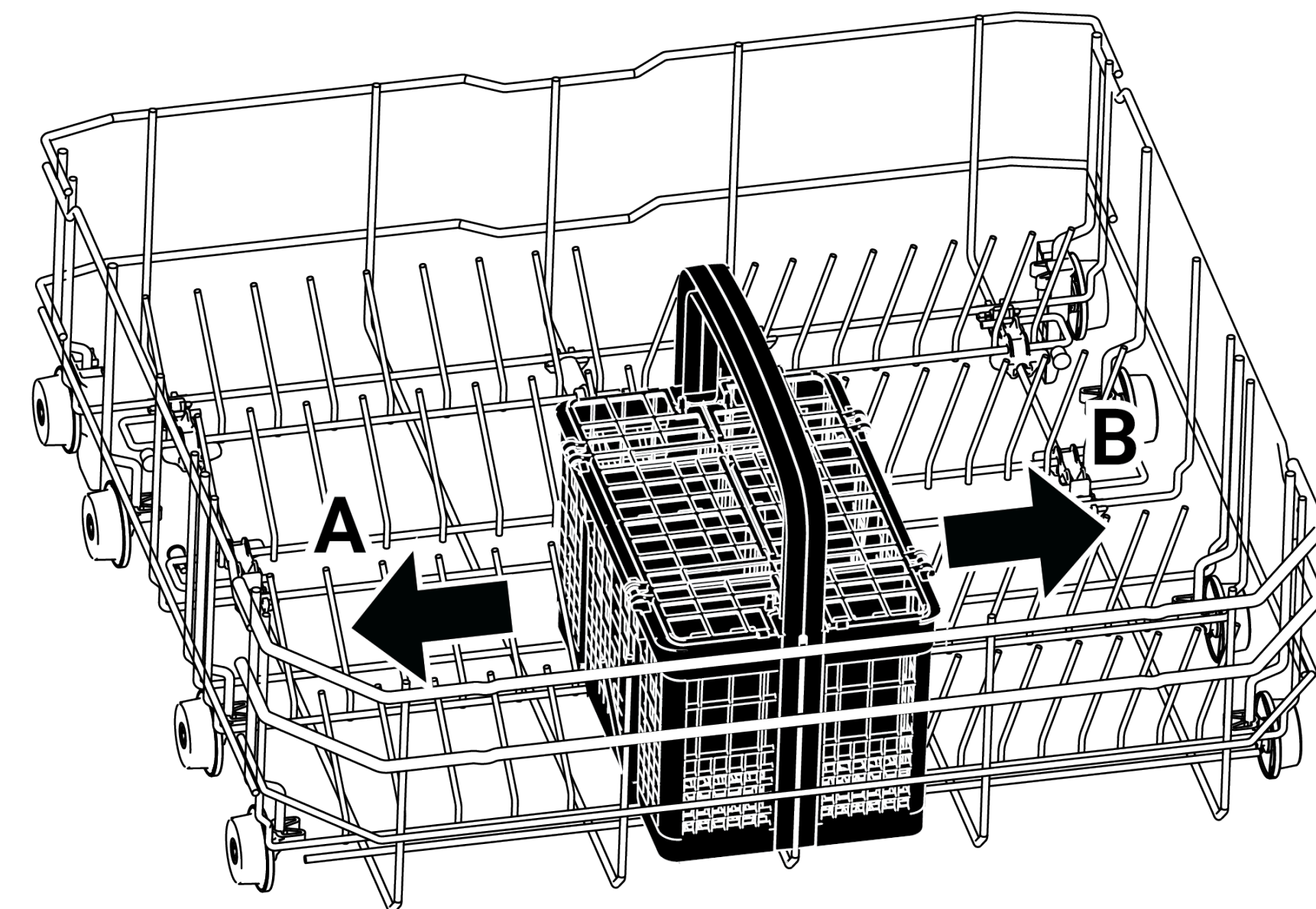


Cutlery basket

(depends on the model)

The cutlery basket is specially designed for cleaner washing of knives, forks, spoons, etc.

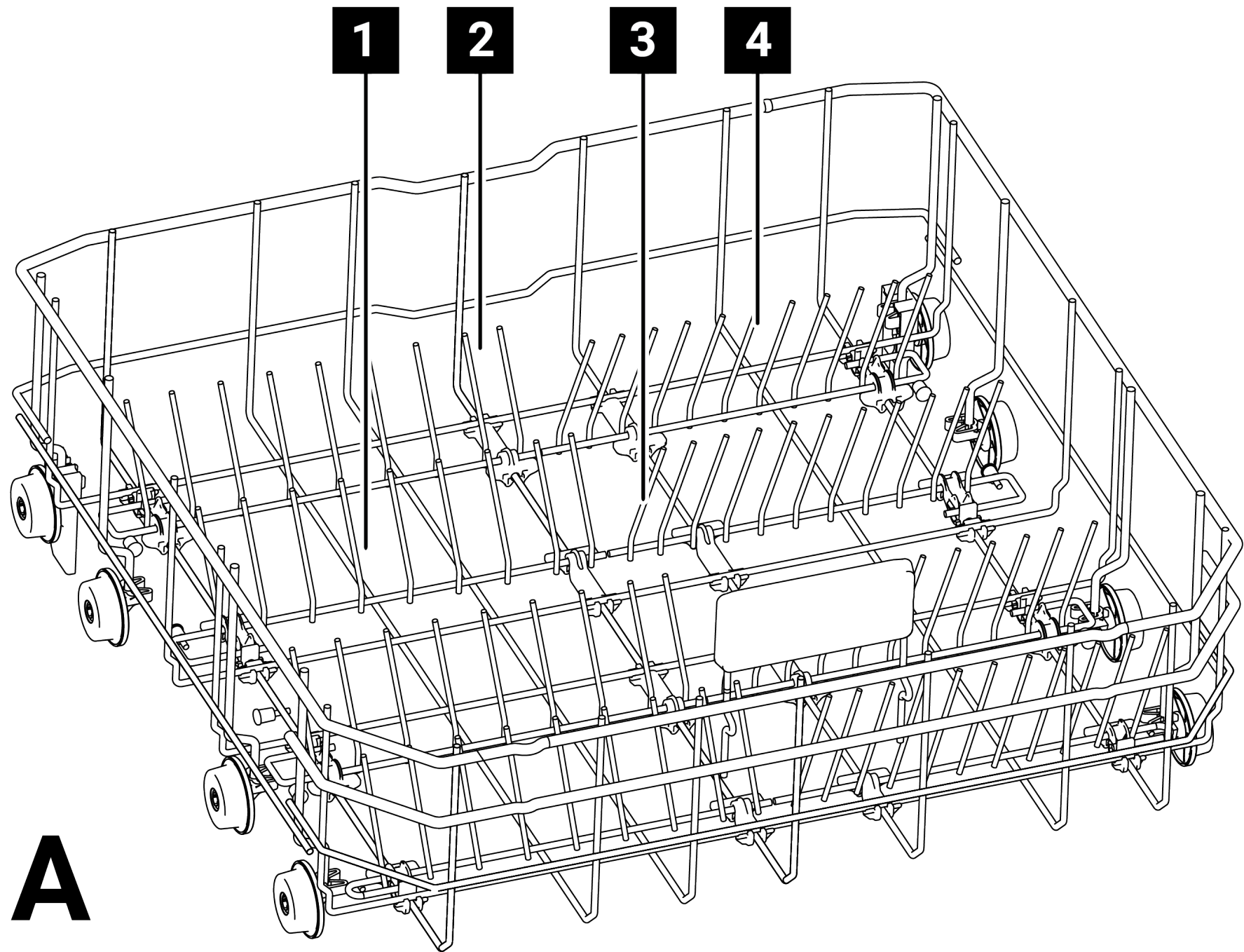
Thanks to the movable (A, B) feature of the cutlery basket, you can create wider areas when placing your dishes in the lower basket and open space for your dishes of different sizes. If you want to place more cutlery, you can fold the separators to the side. (C)



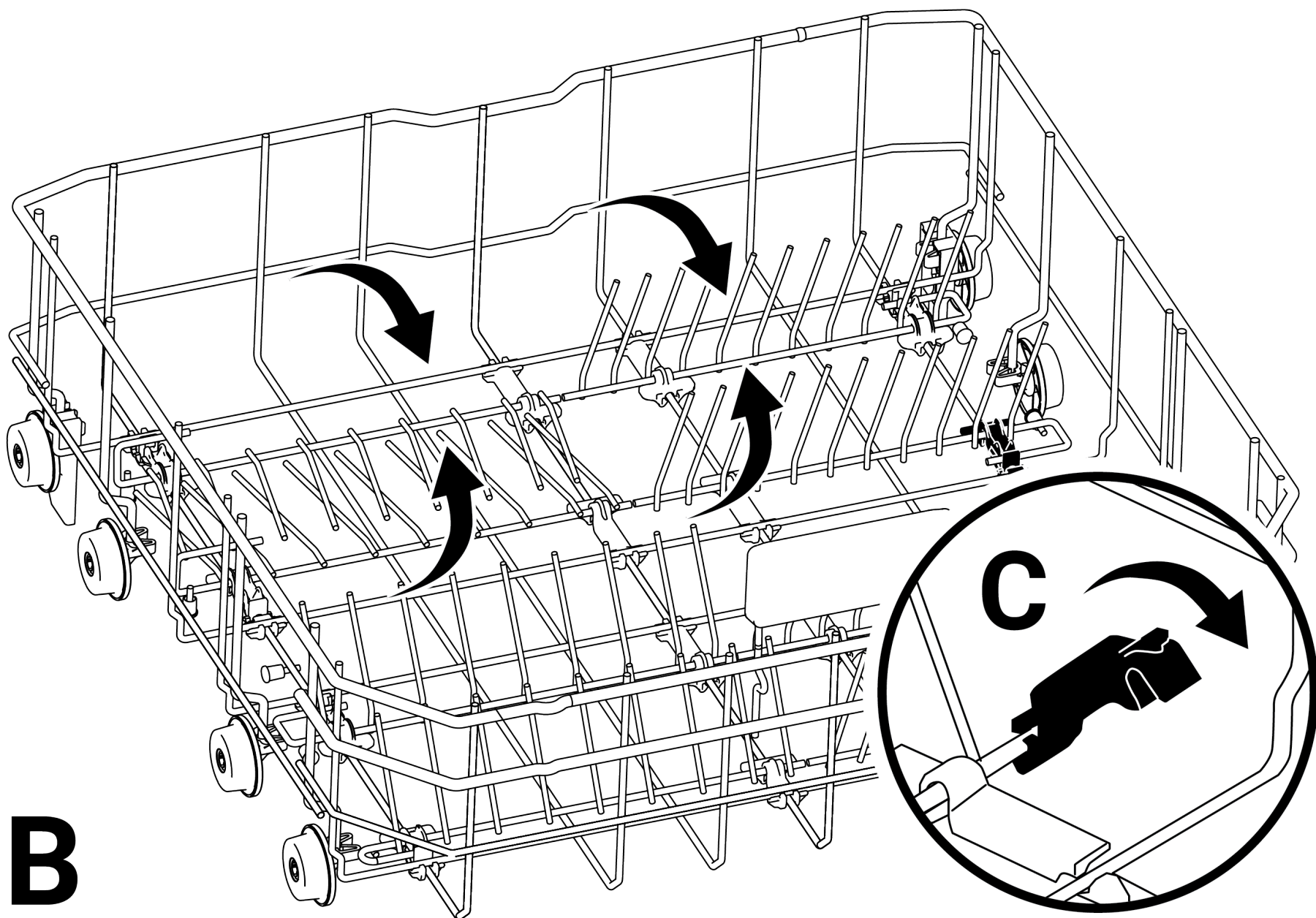
Foldable lower basket wires

(depends on the model)

The folding wires in the lower basket of the machine, consisting of six parts (A), are designed for you to place large items such as pots, bowls, etc. more easily. If you want, you can create larger spaces by folding each piece individually or all together.



To fold the foldable wires into the lying position, push the wires in the direction of the arrows by holding them in the centre (B). Lift upwards to return the wires to the upright position. The foldable wires will snap back into the latch (C).



NOTICE

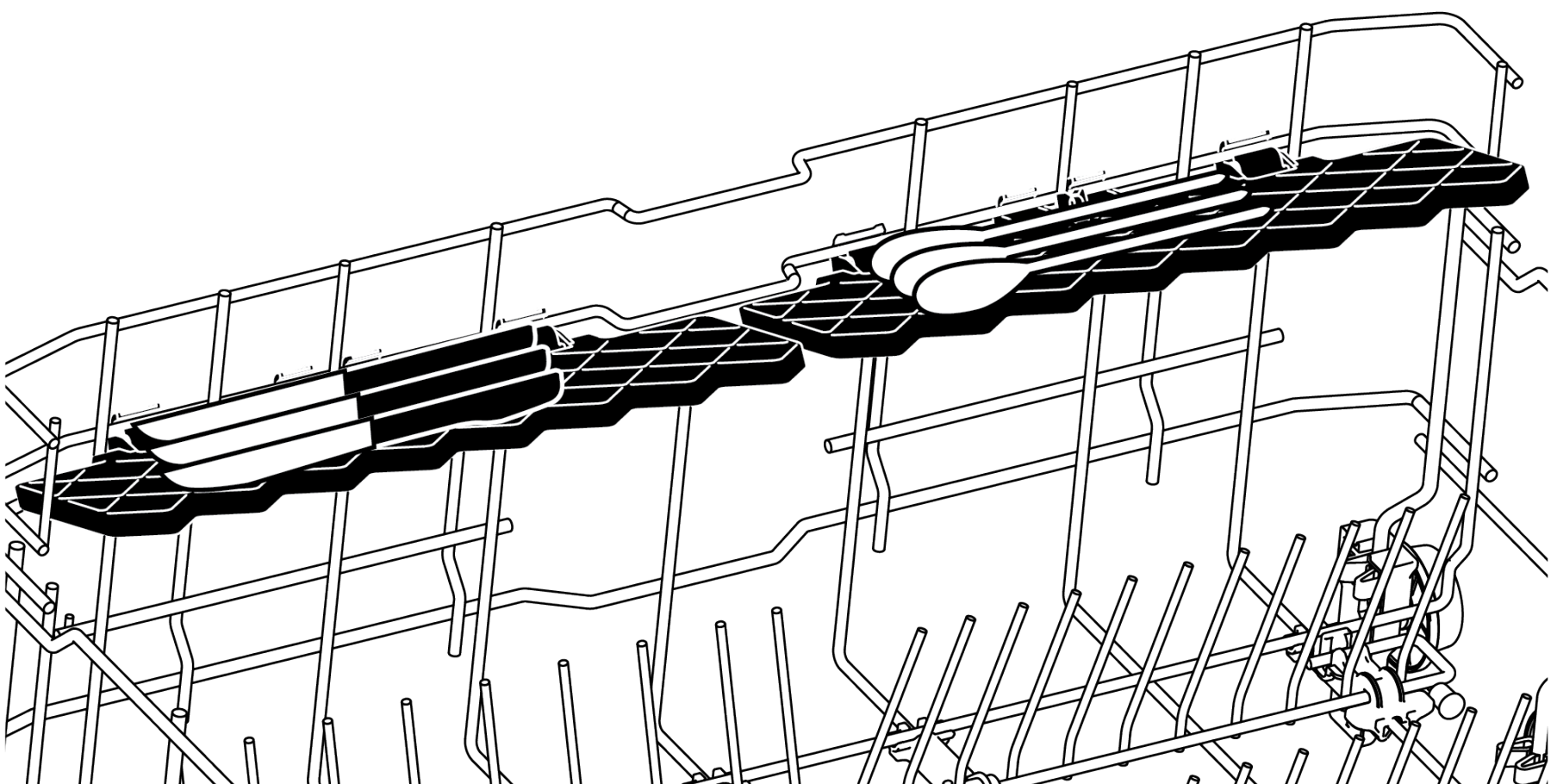
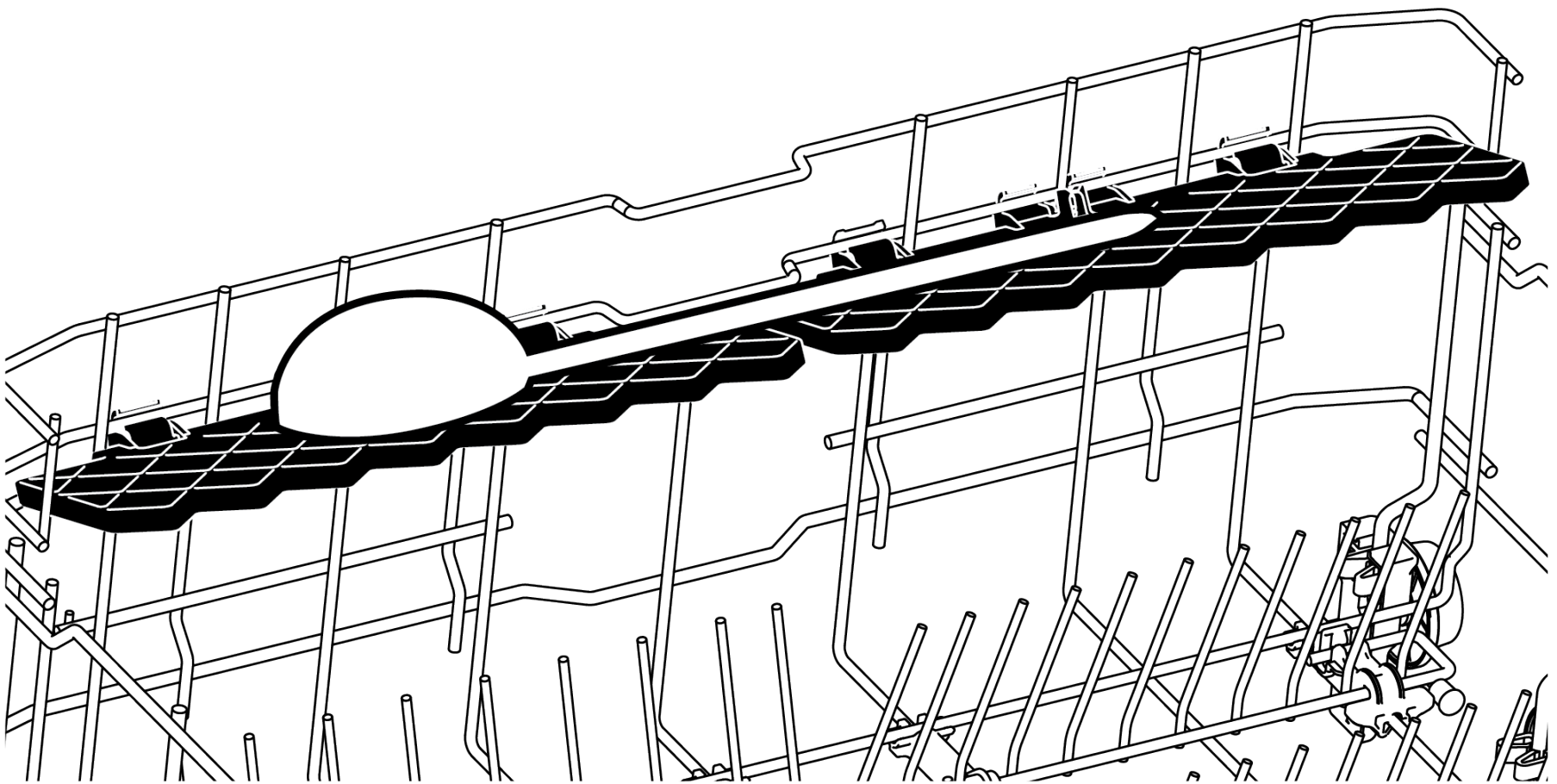
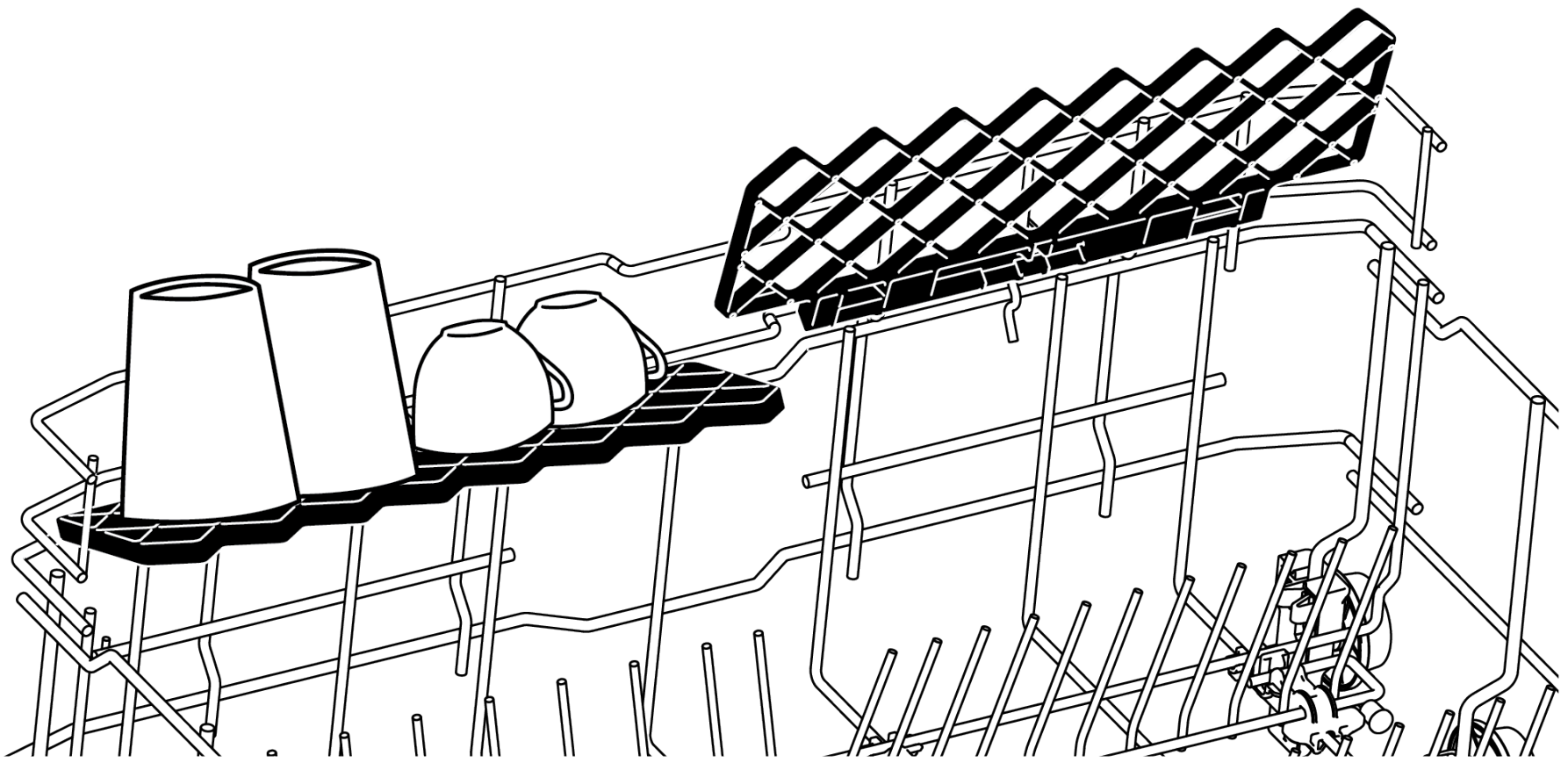


Bringing the wires to horizontal position by holding them from their ends may cause them to be bent. Therefore, grasp the centre wires by the bottom and push them in the direction of the arrow to bring them into a lying or upright position.

Lower basket multi-purpose / height-adjustable serving rack

(depends on the model)

Thanks to this accessory in the lower basket of your machine, you can easily wash your extra glasses or pieces such as long ladles and bread knives.



NOTICE



You can use the racks as you wish by positioning them up or down, or you can close them to create a large space in the lower basket.

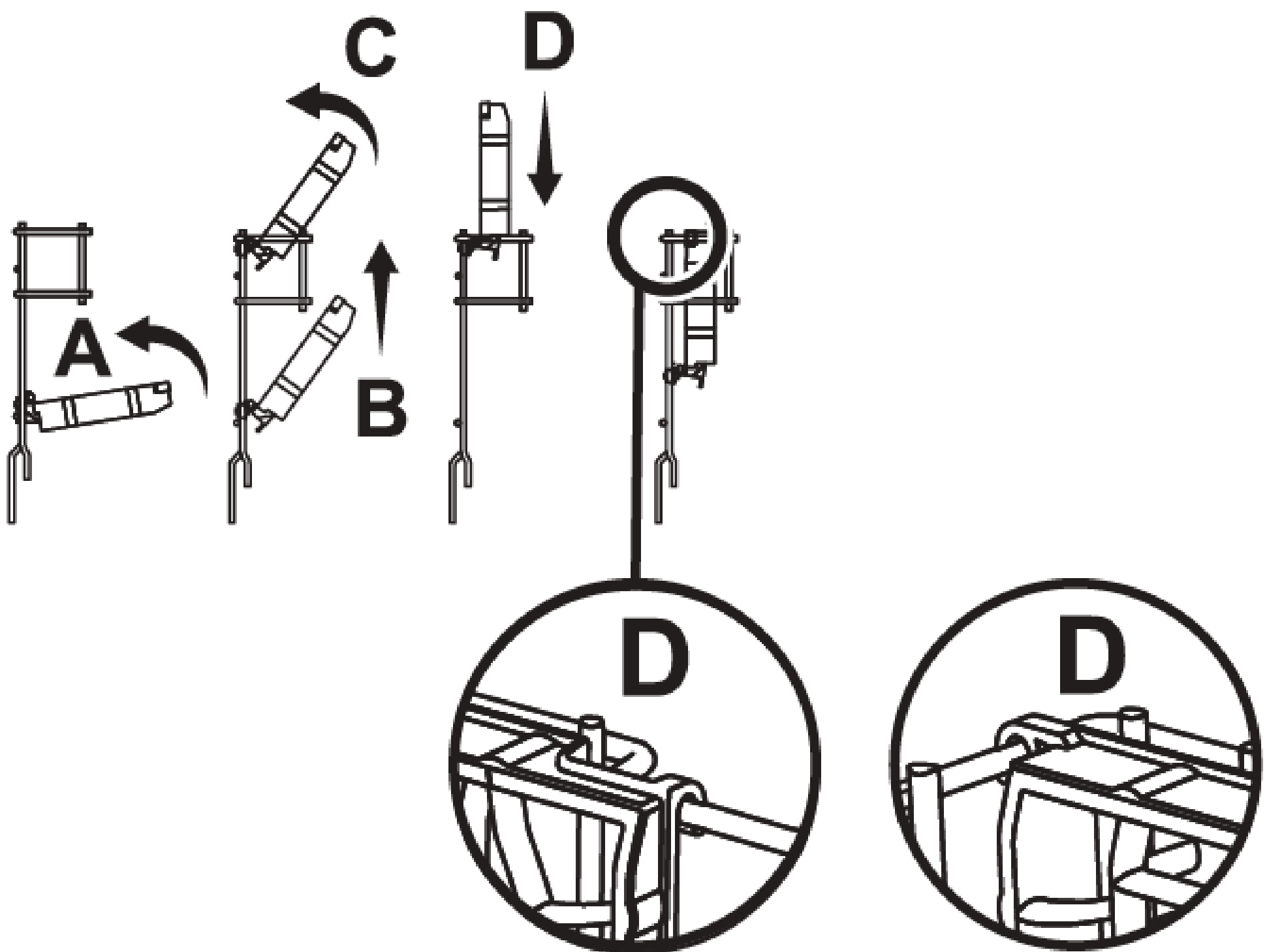
NOTICE



Make sure that the spray arm does not hit the dishes placed on the racks

To return the racks to the closed position;

1. Fold the rack (A).
2. Slide the rack upwards (B).
3. Bring the rack to the upright position (C).
4. Slide the rack downwards and lock it with the tabs (D).



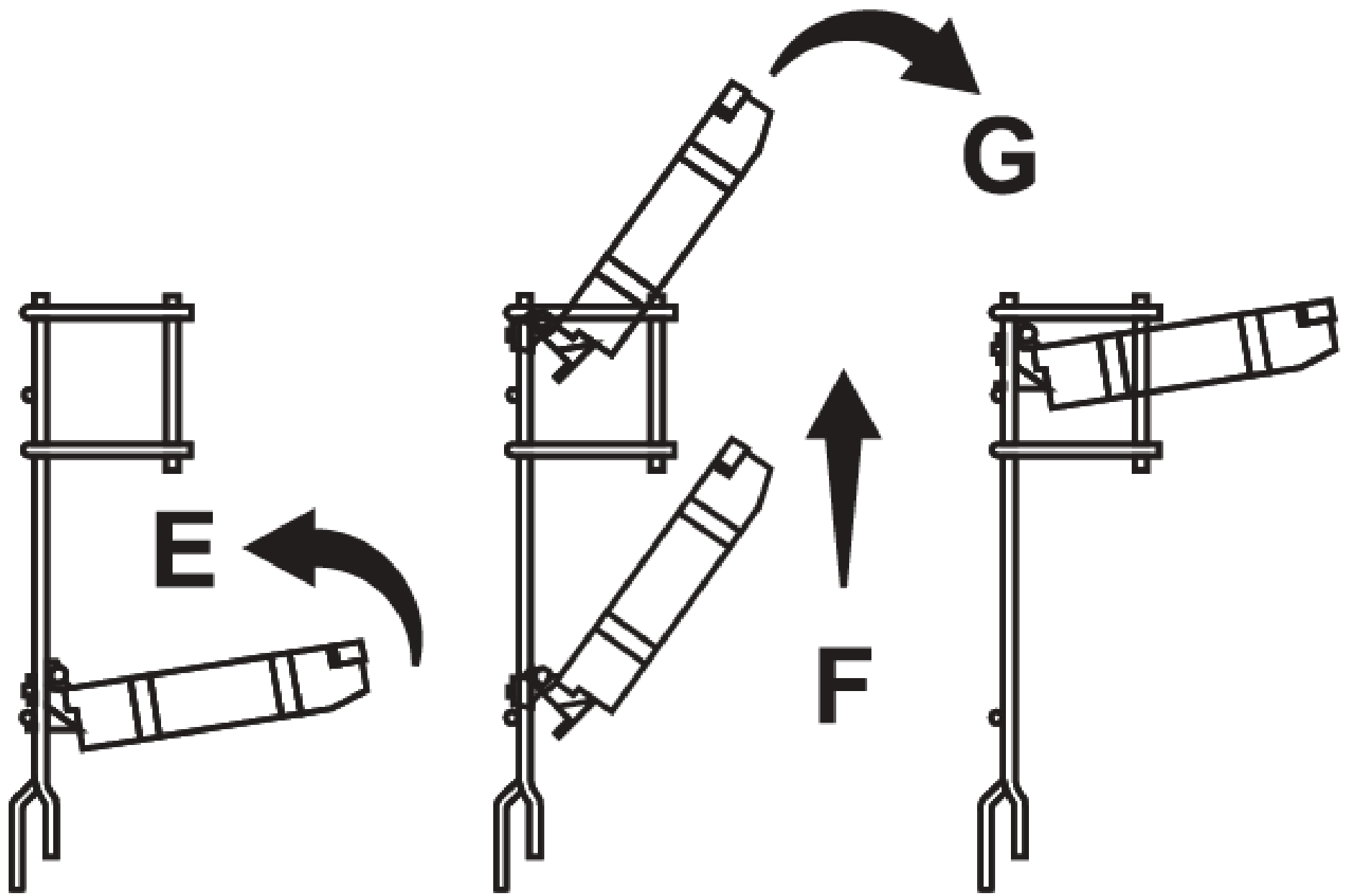
NOTICE



You can switch the rack to open position by doing the same operations in reverse.

To adjust the height of the racks:

1. Fold the rack (E).
2. Slide the rack upwards (F).

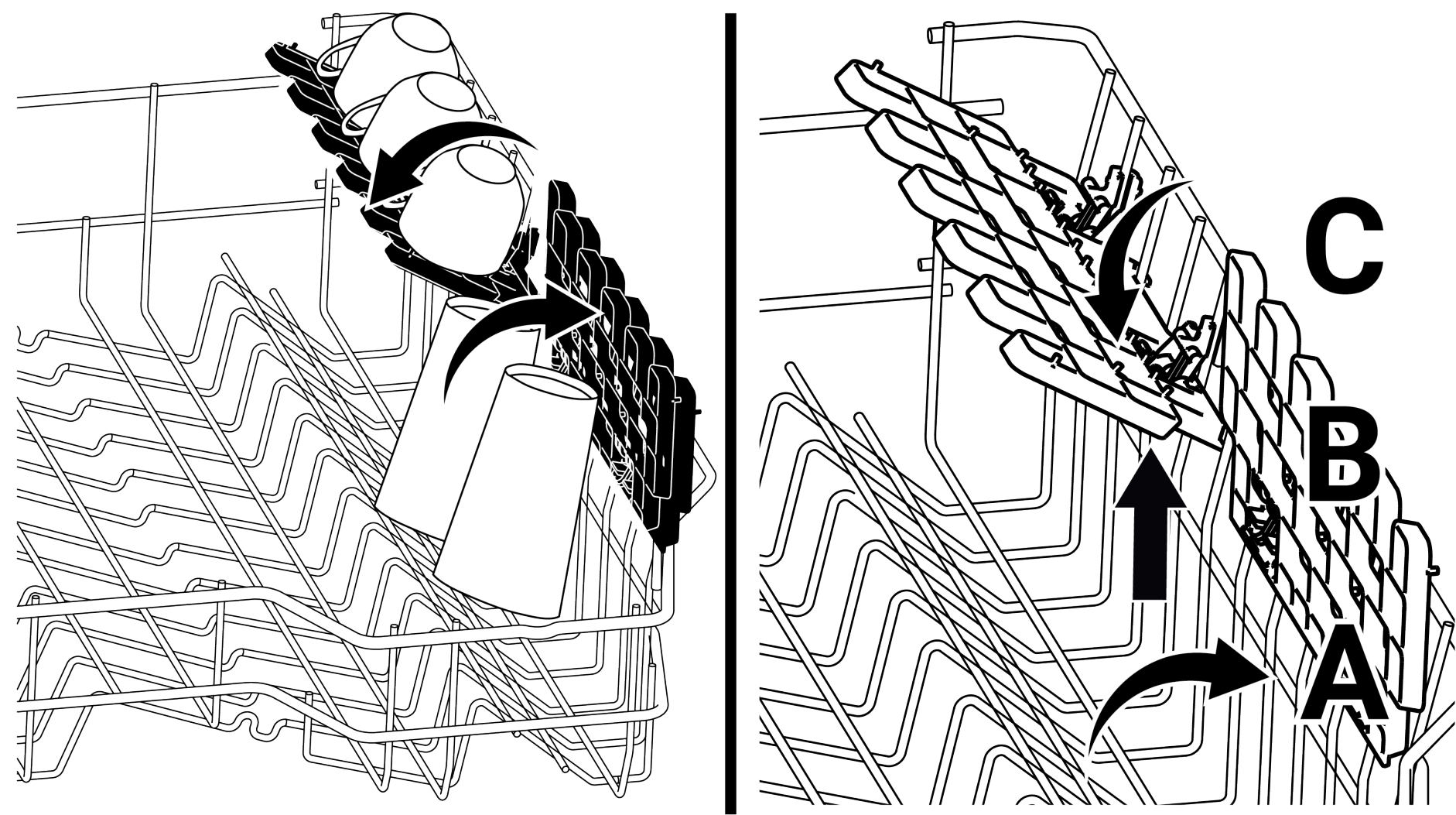


3. Open the rack to the desired level (G).

Height Adjustable Upper Basket Rack

(depends on the model)

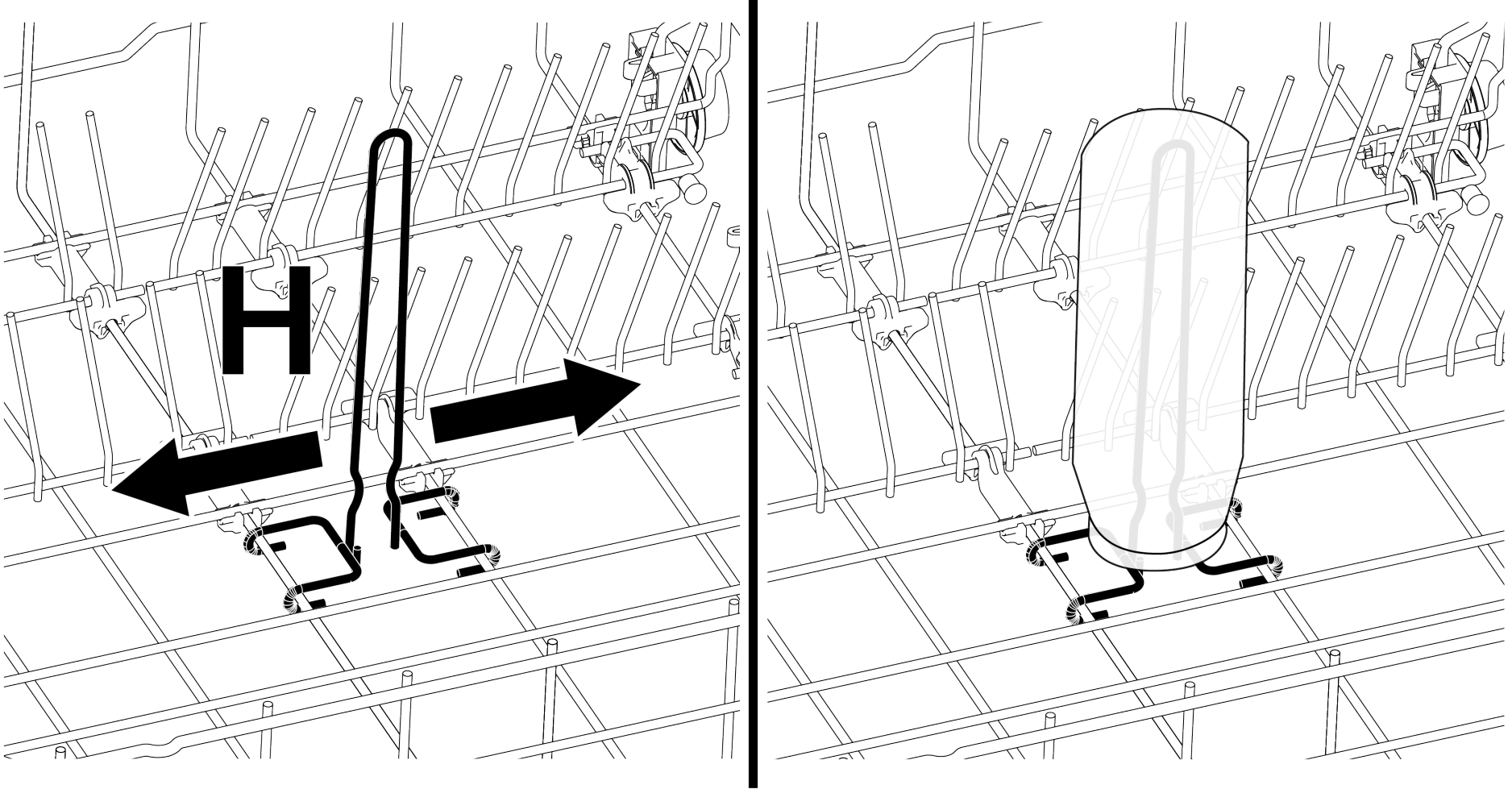
You can use the upper and lower sides of the height-adjustable racks in the upper basket of the machine as you wish by positioning them up or down according to the height of the dishes such as glasses, cups, etc. (A, B, C).



Lower basket with bottle wire

(depends on the model)

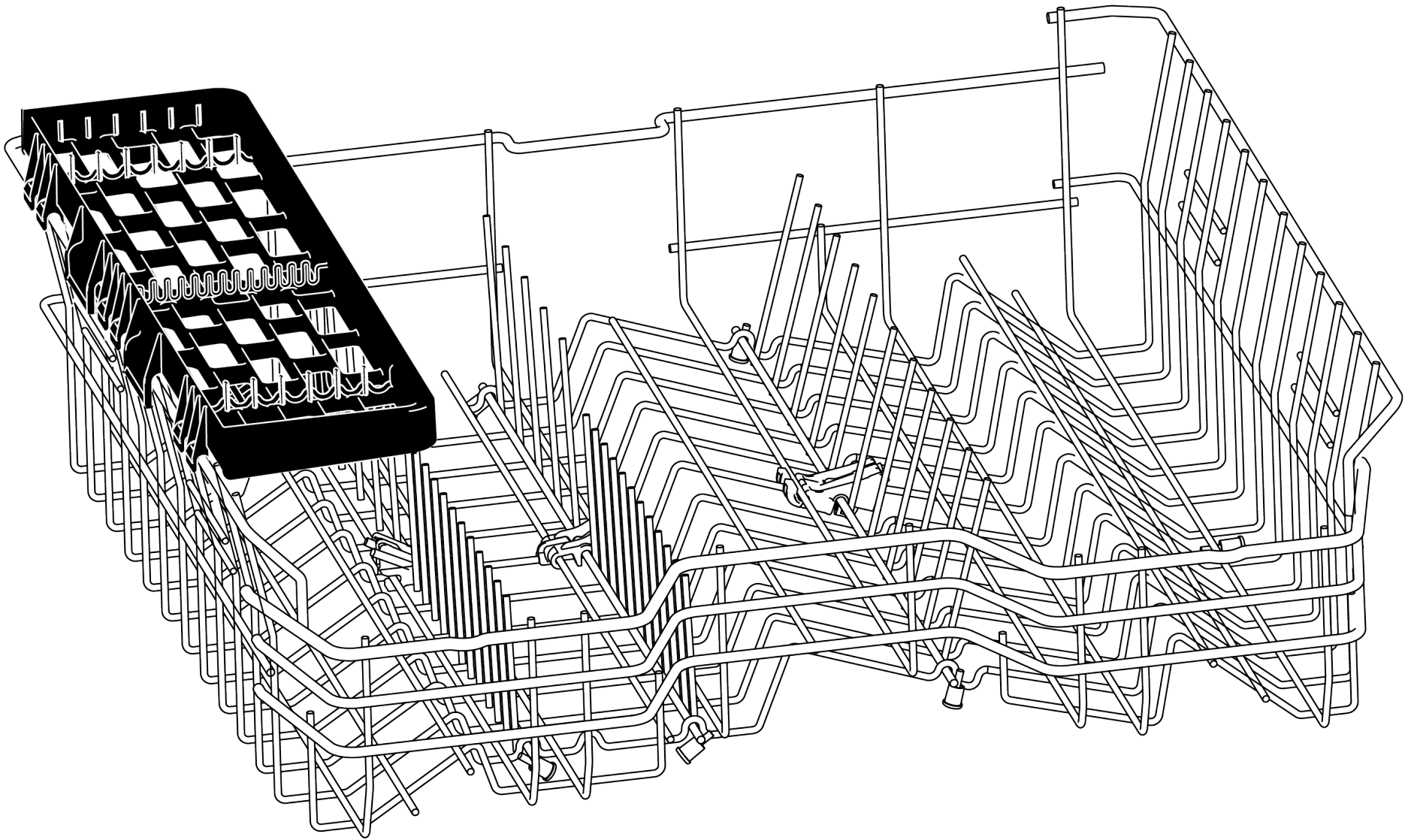
The bottle wire is designed to make it easier for you to wash wide-mouthed and high items. When not in use, you can remove the bottle wire from the basket by pulling it outwards from both sides (H).



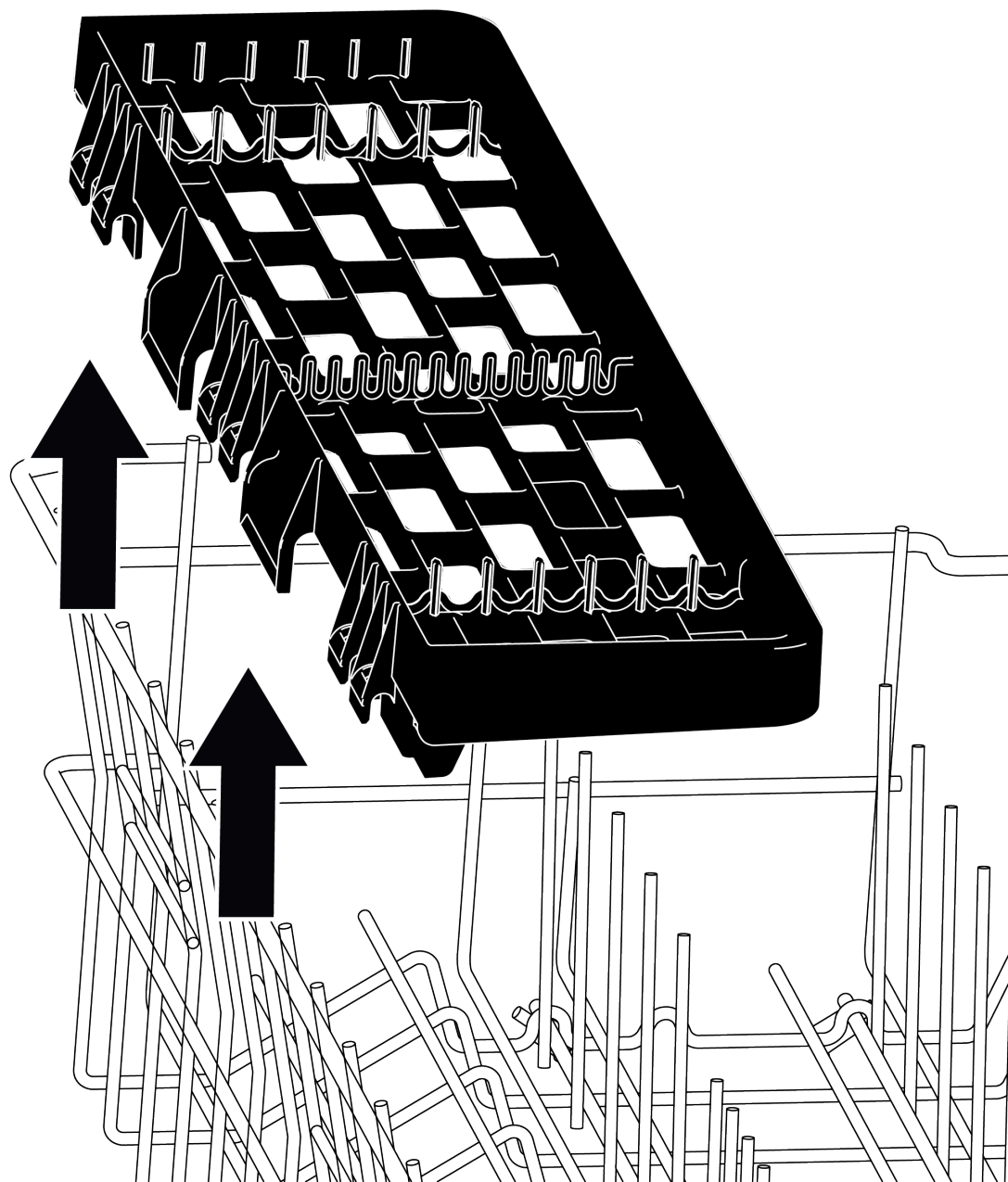
Upper basket multi-function service rack

(depends on the model)

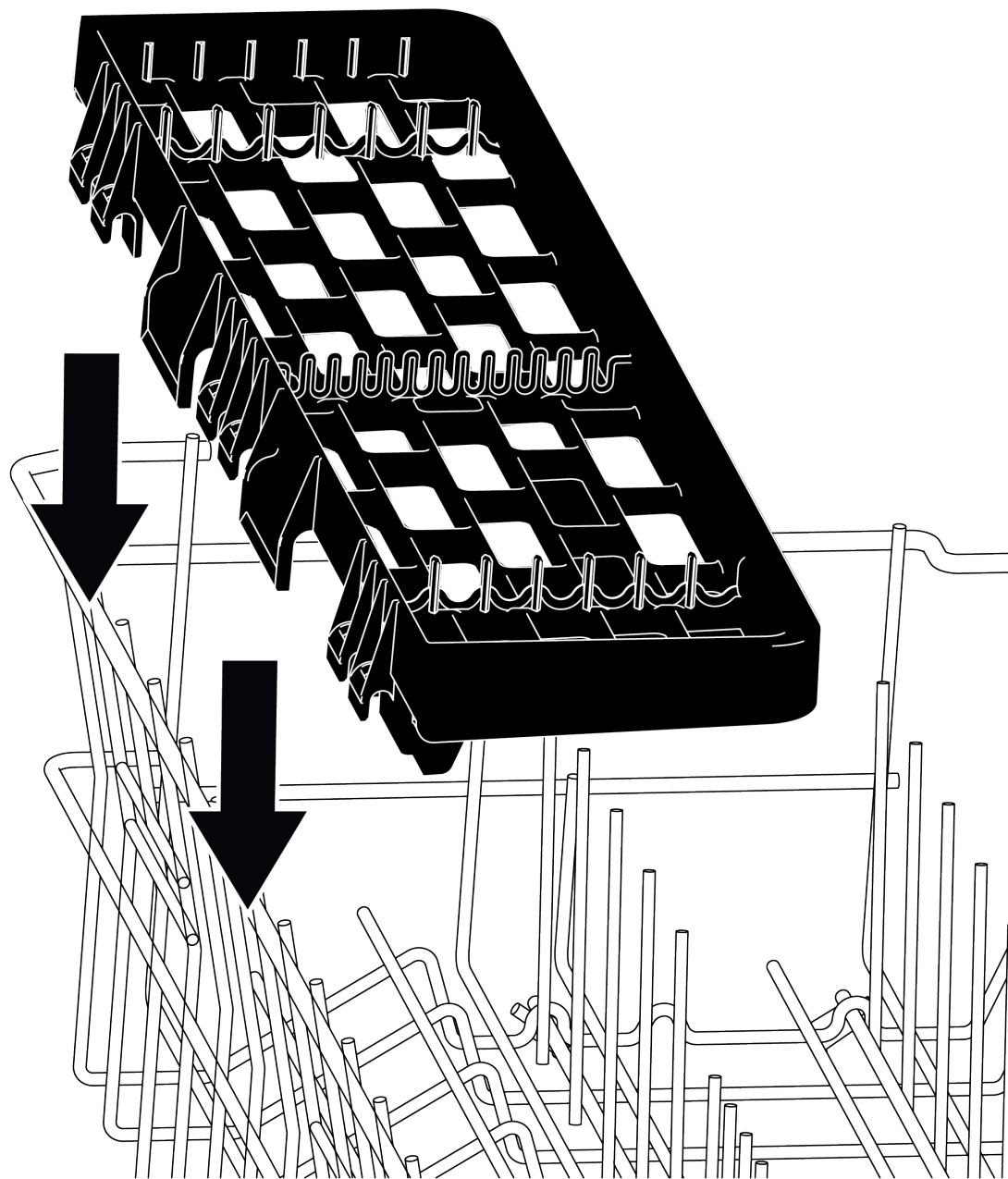
Thanks to this accessory in the upper basket of your machine, you can easily wash the pieces such as long ladles and bread knives.



You may remove the upper basket multi-function service rack by lifting it upwards when you do not want to use it.



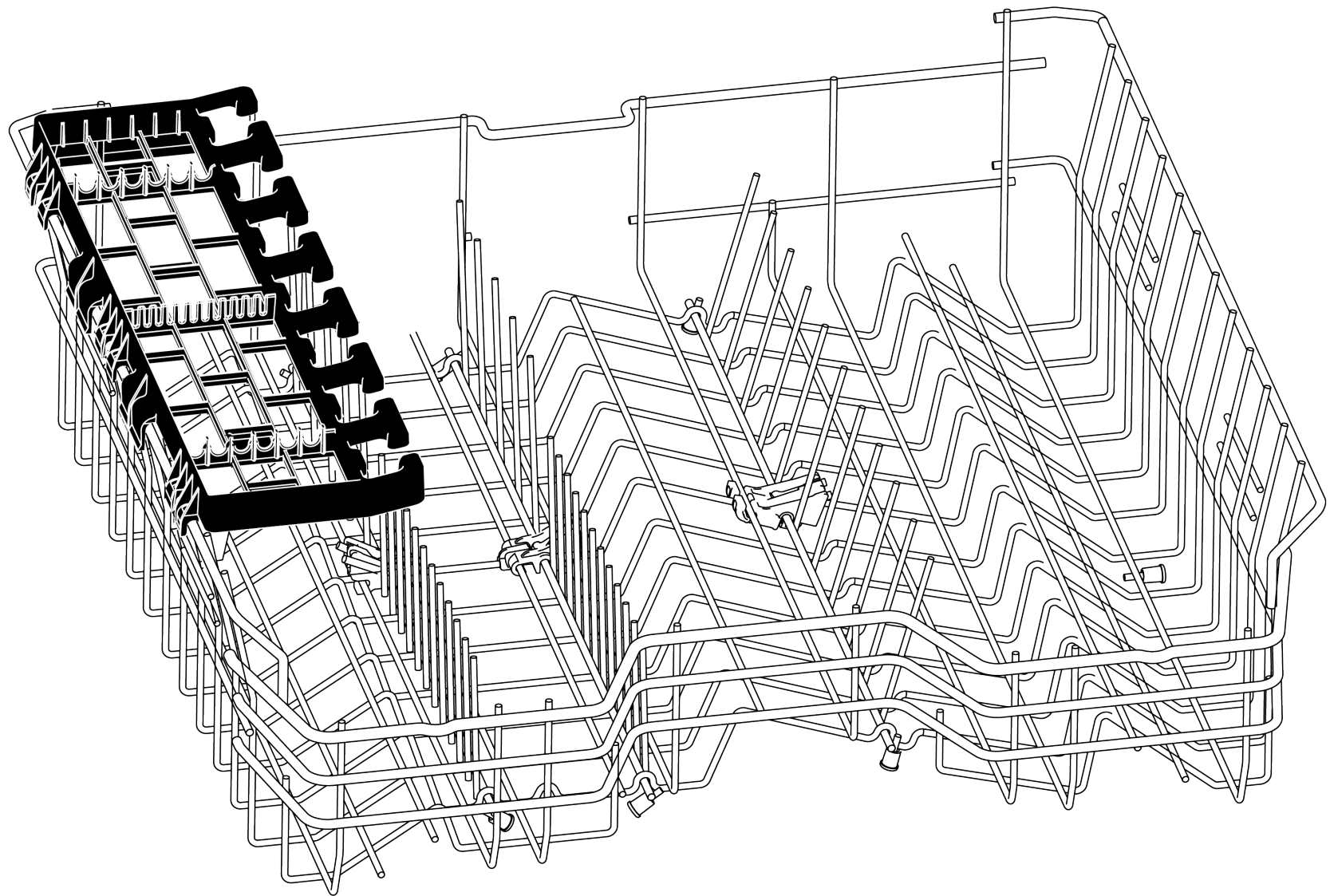
You may reinstall the upper basket multi-function service rack on the side of your upper basket easily to use it again.



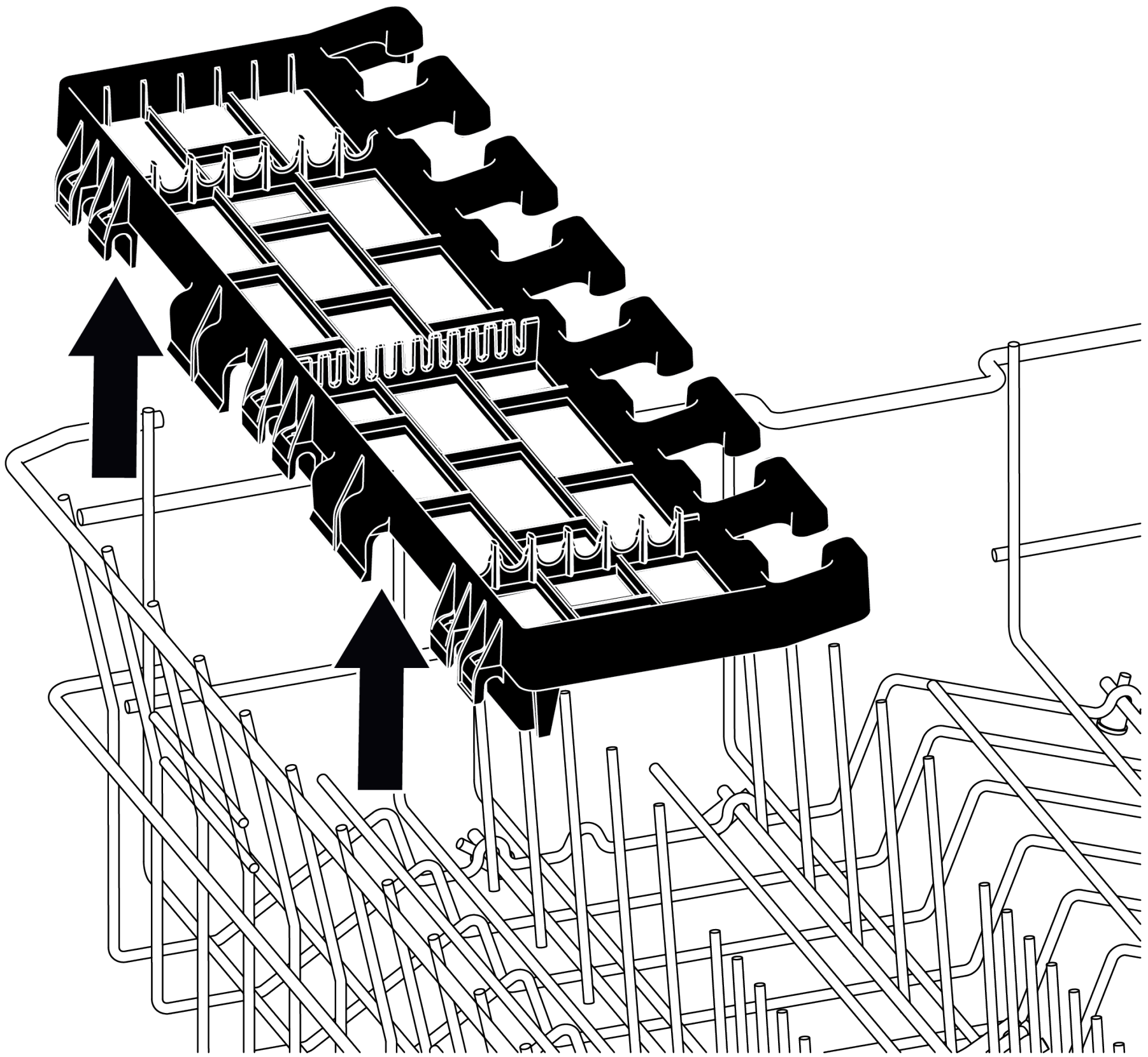
Upper basket multi-function service rack

(depends on the model)

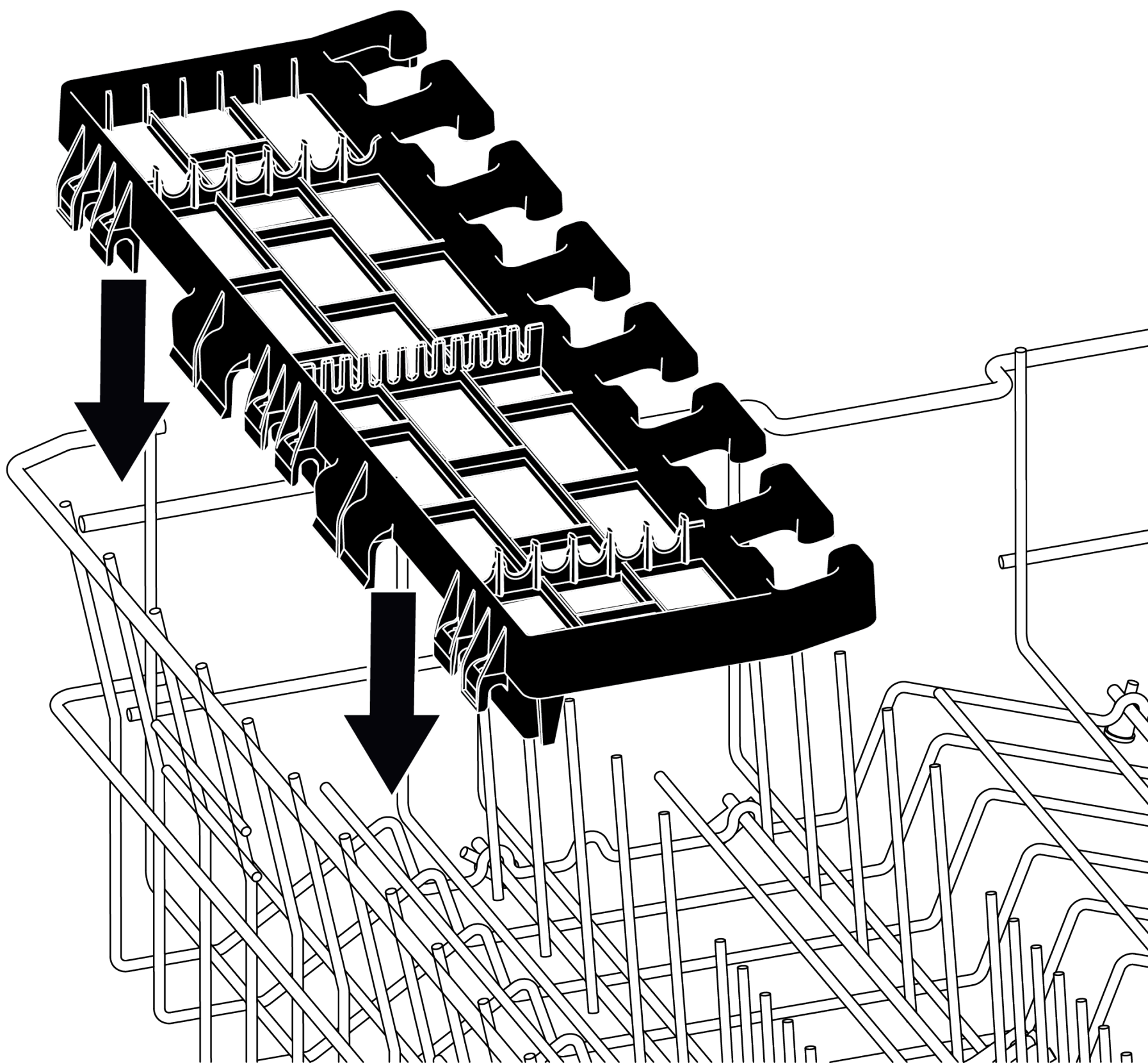
Thanks to the upper basket multi-function service rack on the upper basket of your appliance, you may load and wash long service-ware and kitchen-ware easily. Also, the wineglass securing compartments available on the front side of this accessory allows easier placing of the stemware with proper sizes on the upper basket.



You may remove the upper basket multi-function service rack by lifting it upwards when you do not want to use it.



You may reinstall the upper basket multi-function service rack on the side of your upper basket easily to use it again.



Adjusting the height of the upper basket

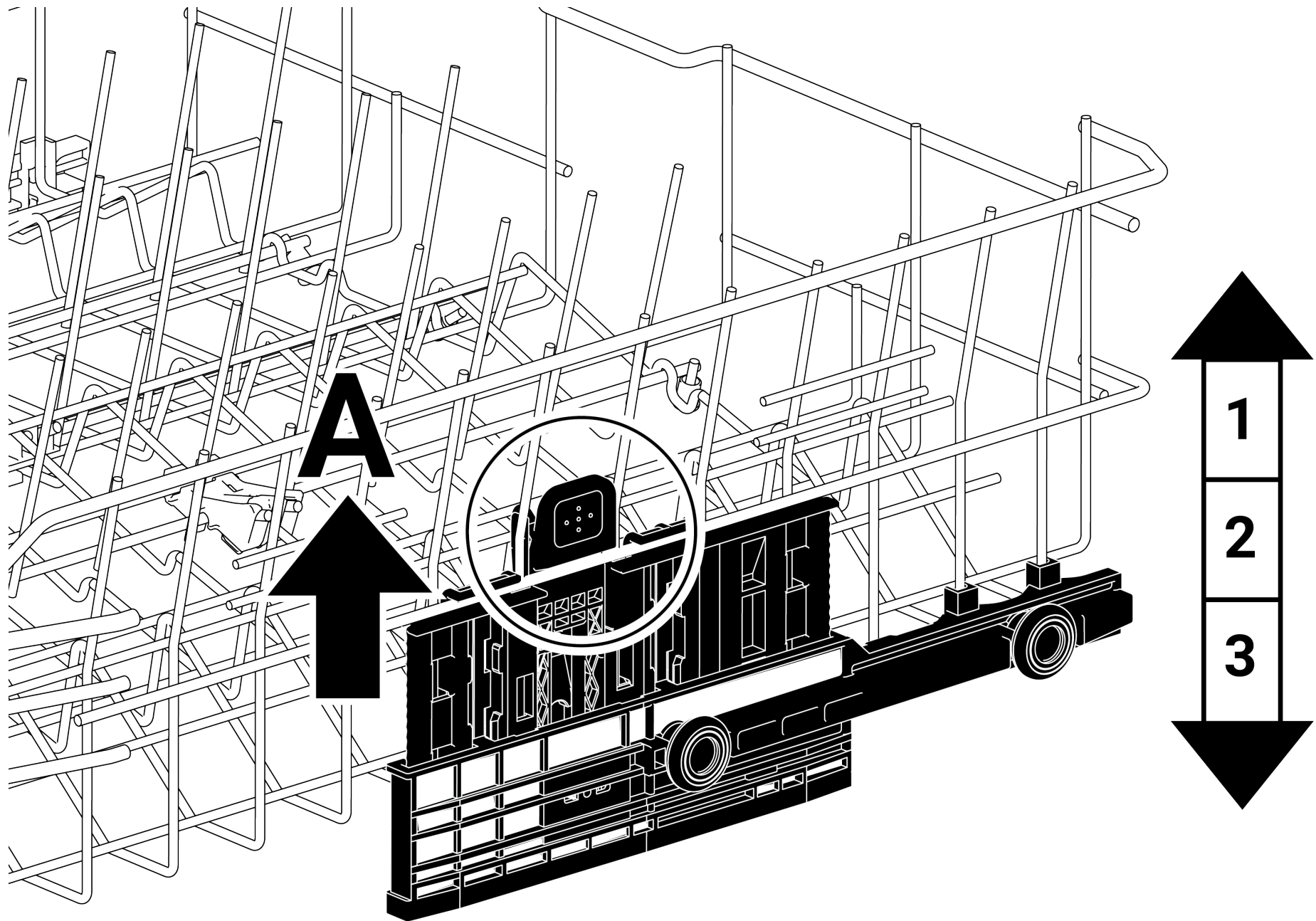
(depends on the model)

Upper basket height adjustment mechanism is designed so that you can create wide spaces on the upper or lower compartment of the machine by adjusting the basket upwards or downwards either while it is empty or full.

Thanks to this mechanism, you may use your basket in three different positions, namely lower, centre or upper positions.

1. To raise the basket, hold the wires of the basket and pull the basket upwards with both hands while the basket is at the lowermost position (A)
2. Release the basket when the basket catches on to the next upper position with a "Click" that may be heard from the right and left mechanisms.

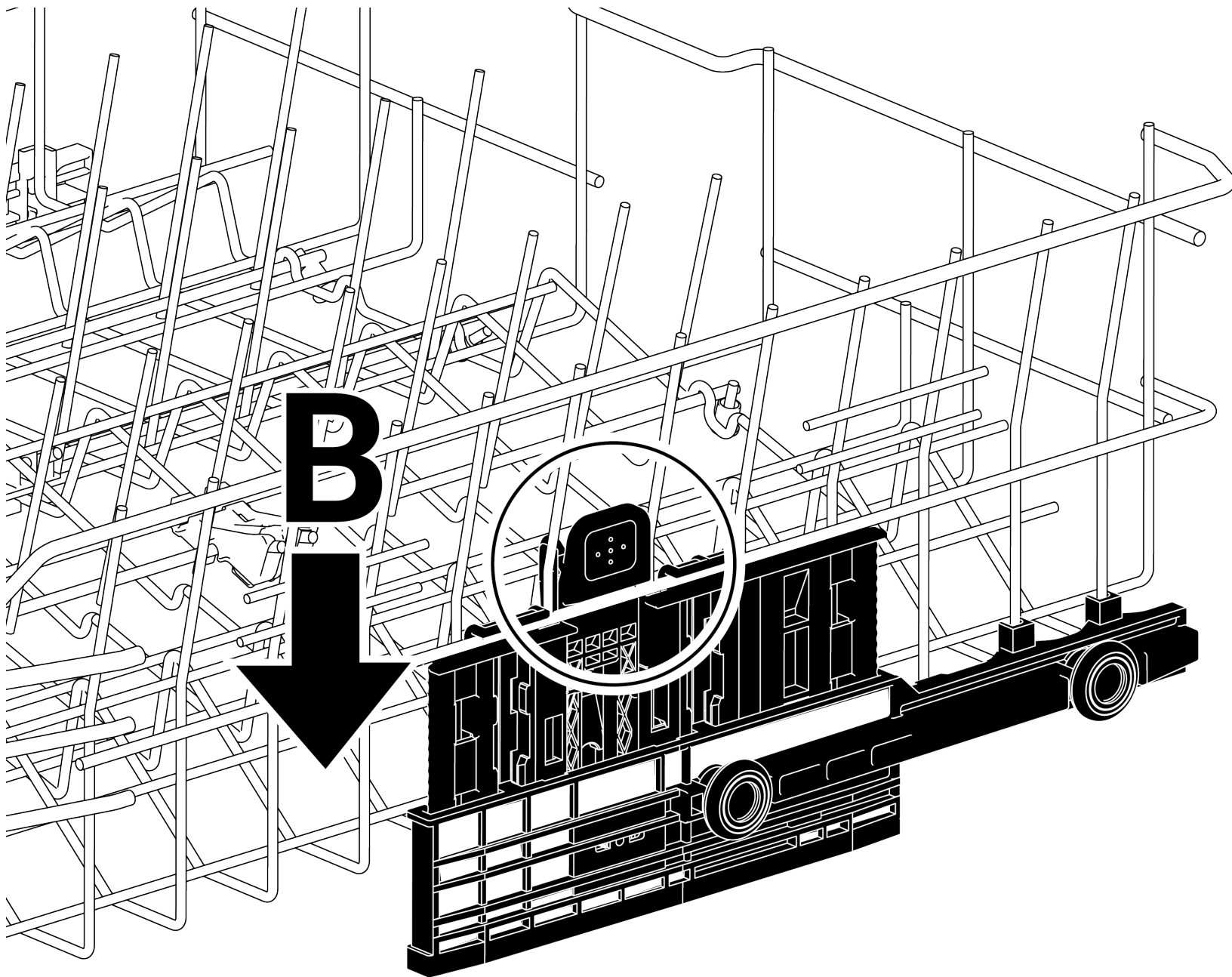
Repeat the same operation if the height is not adequate.



To lower the basket, perform the following while the basket is at uppermost position;

1. Holding the upper basket wires with both hands and lifting the basket slightly upwards, press and release the latches shown in the figure (B) at the same time.
2. Lower the basket to the next lower position.
3. Release the basket when it catches on to the next lower position.

Repeat the same operation if the height is not adequate.



NOTICE



The movement mechanism may not work properly when the upper basket is overloaded or when the load is unbalanced. And it may fall to the next lower position in heavier conditions.

NOTICE



Ensure that the adjustment mechanisms on the right and left of the upper basket are aligned.

Adjusting the height of the upper basket

(depends on the model)

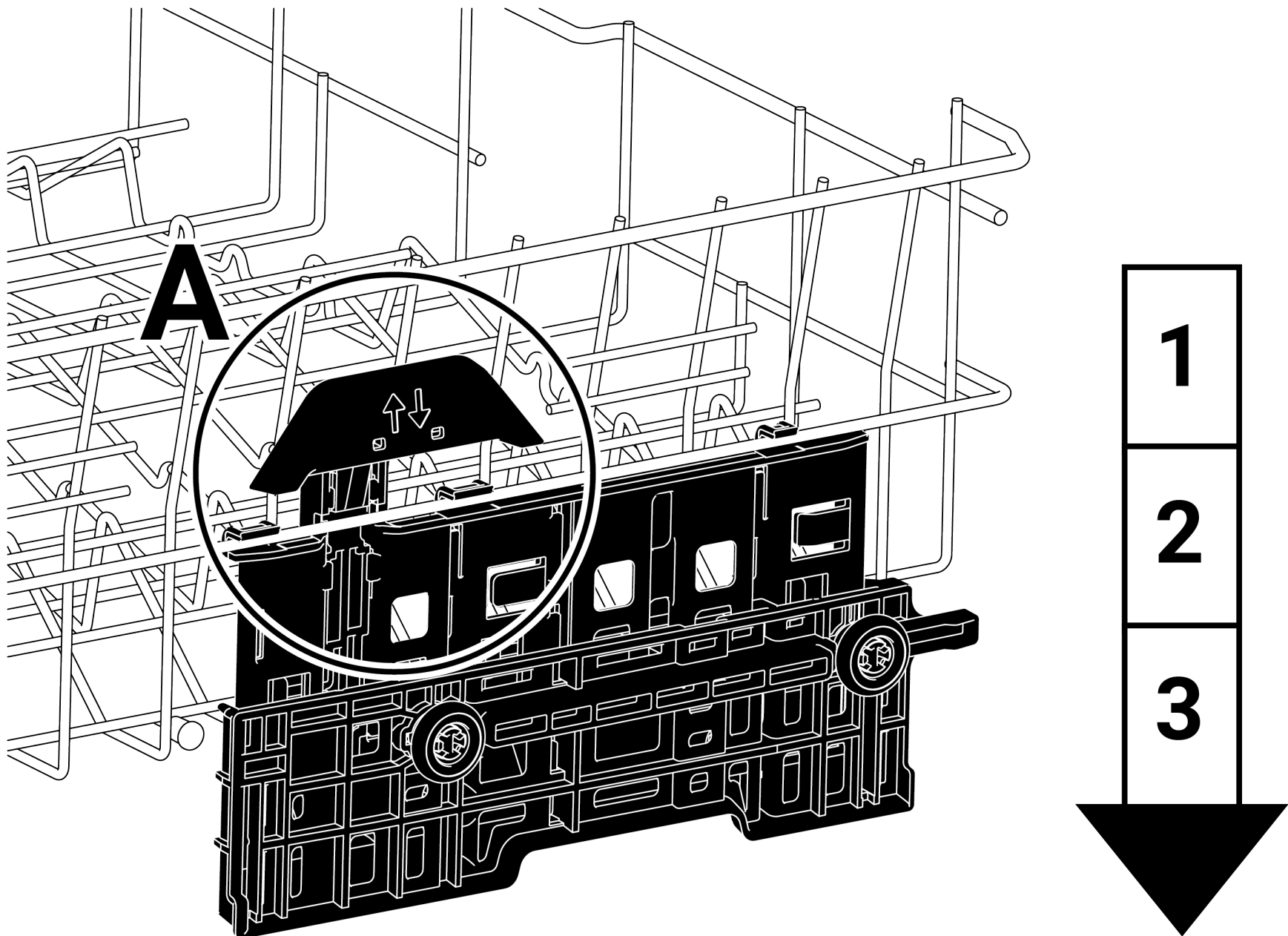
Upper basket height adjustment mechanism is designed so that you can create wide spaces on the upper or lower compartment of the machine by adjusting the basket upwards or downwards either while it is empty or full.

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To lower the basket, perform the following while the basket is at uppermost position;

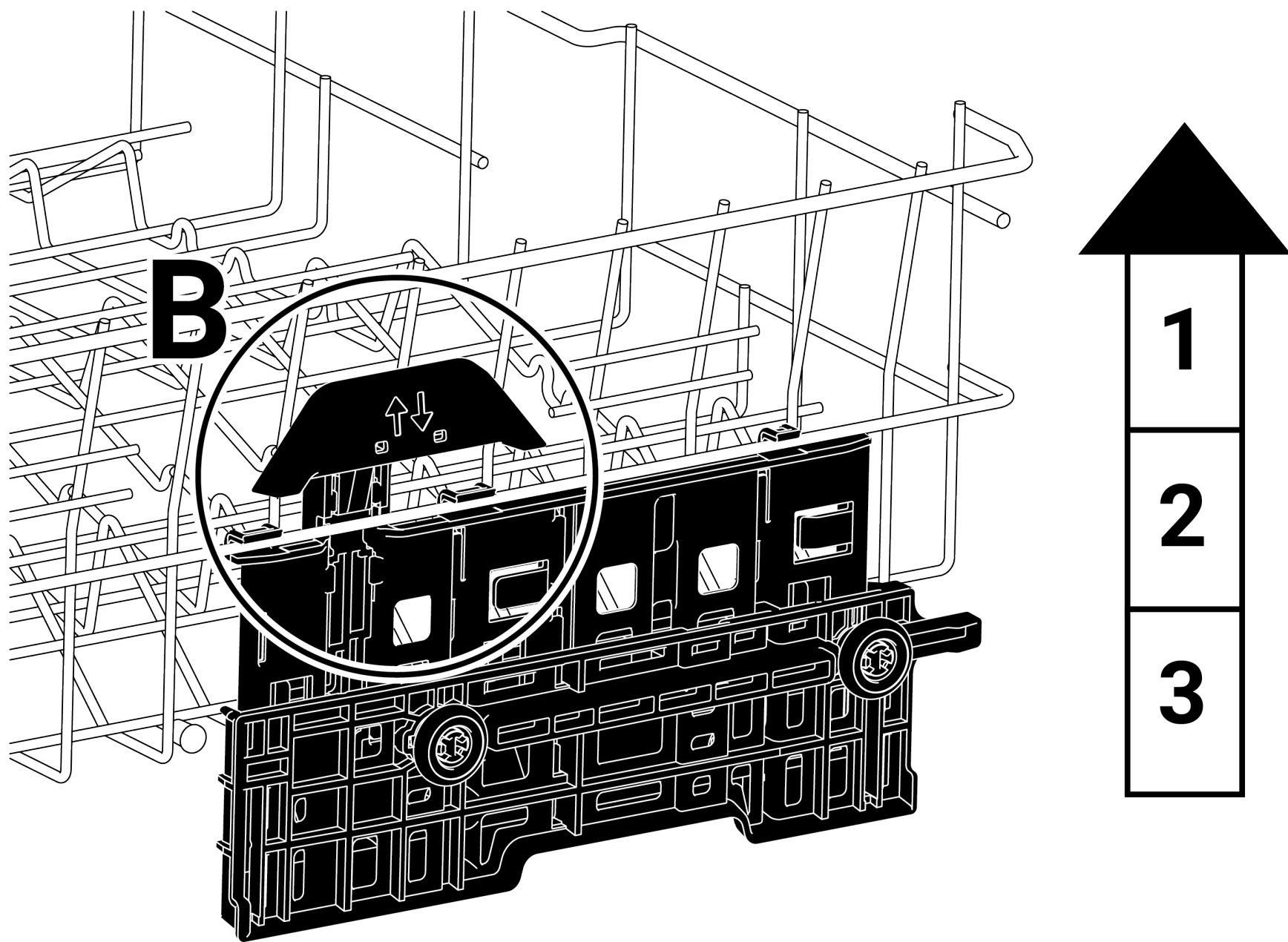
1. Hold the wires of the upper basket and raise the handle of the mechanism upwards as shown in the figure (A).
2. Lower the basket to the next lower position.
3. Release the basket when it catches on to the next lower position.

Repeat the same operation if the height is not adequate.



1. To raise the basket, hold the wires of the basket and pull the basket upwards with both hands while the basket is at the lowermost position (B)
2. Release the basket when it catches on to the next upper position with a "Click" that may be heard from the right and left mechanisms.

Repeat the same operation if the height is not adequate.



NOTICE



The movement mechanism may not work properly when the upper basket is overloaded or when the load is unbalanced. And it may fall to the next lower position in heavier conditions.

NOTICE

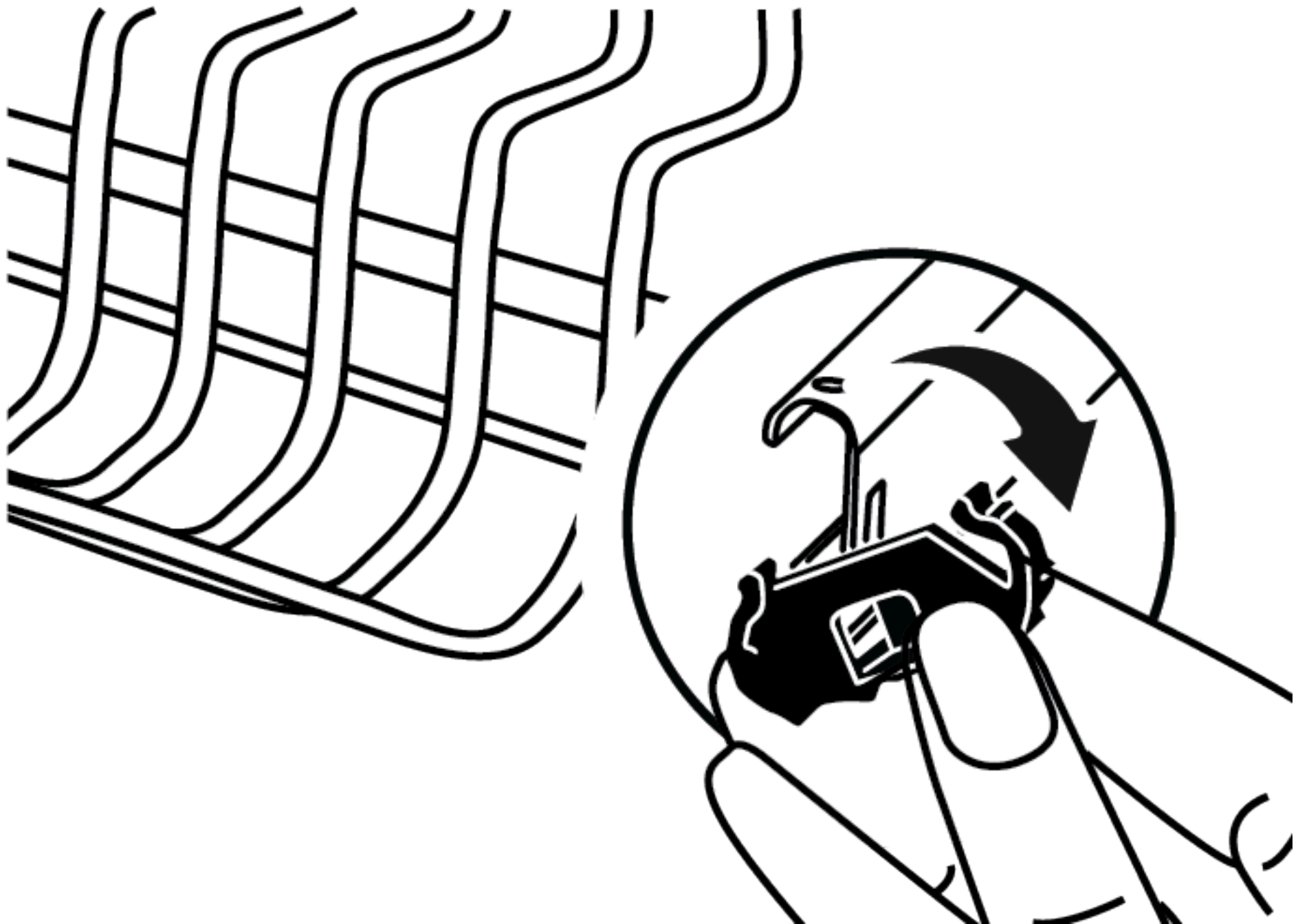


Ensure that the adjustment mechanisms on the right and left of the upper basket are aligned.

Adjusting the height of the upper basket

(depends on the model)

Place the large pieces, such as pots, to the lower basket. You can adjust the height of upper basket according to the size of your dishes. To adjust basket height; using the basket wheels, open the holders at the end of upper basket rails by rotating them to the side and remove the basket. Change the position of wheels, re-insert the basket to the rail and close the holders.

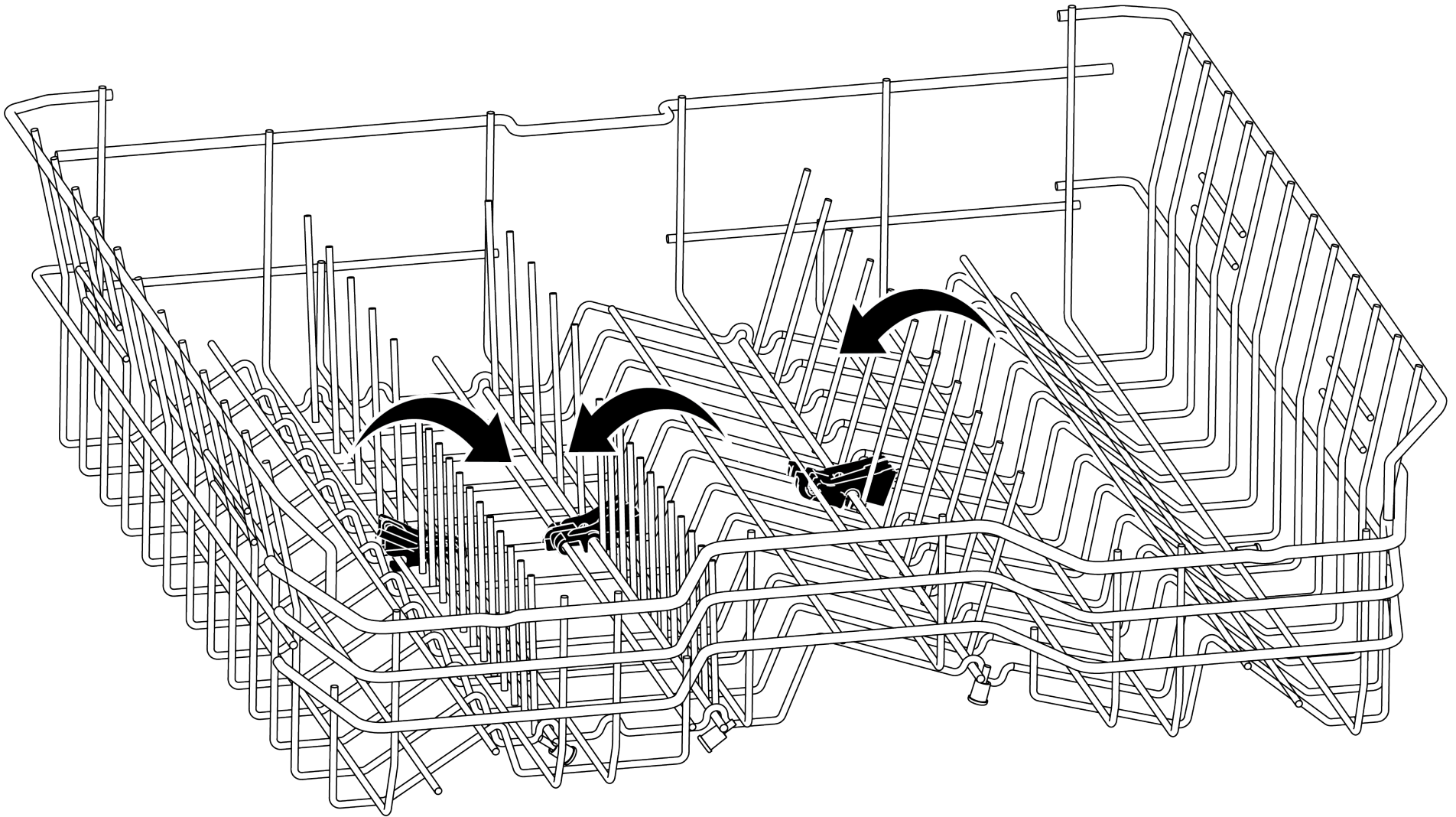


Foldable upper basket wires

(depends on the model)

You can use the folding wires when you need more space in the upper basket of the machine for your large dishes.

To fold the foldable wires into the lying position, hold the wires in the centre and push them in the direction of the arrow in the picture. Place your large dishes in the space created. Lift up to return the wires to the upright position.



NOTICE

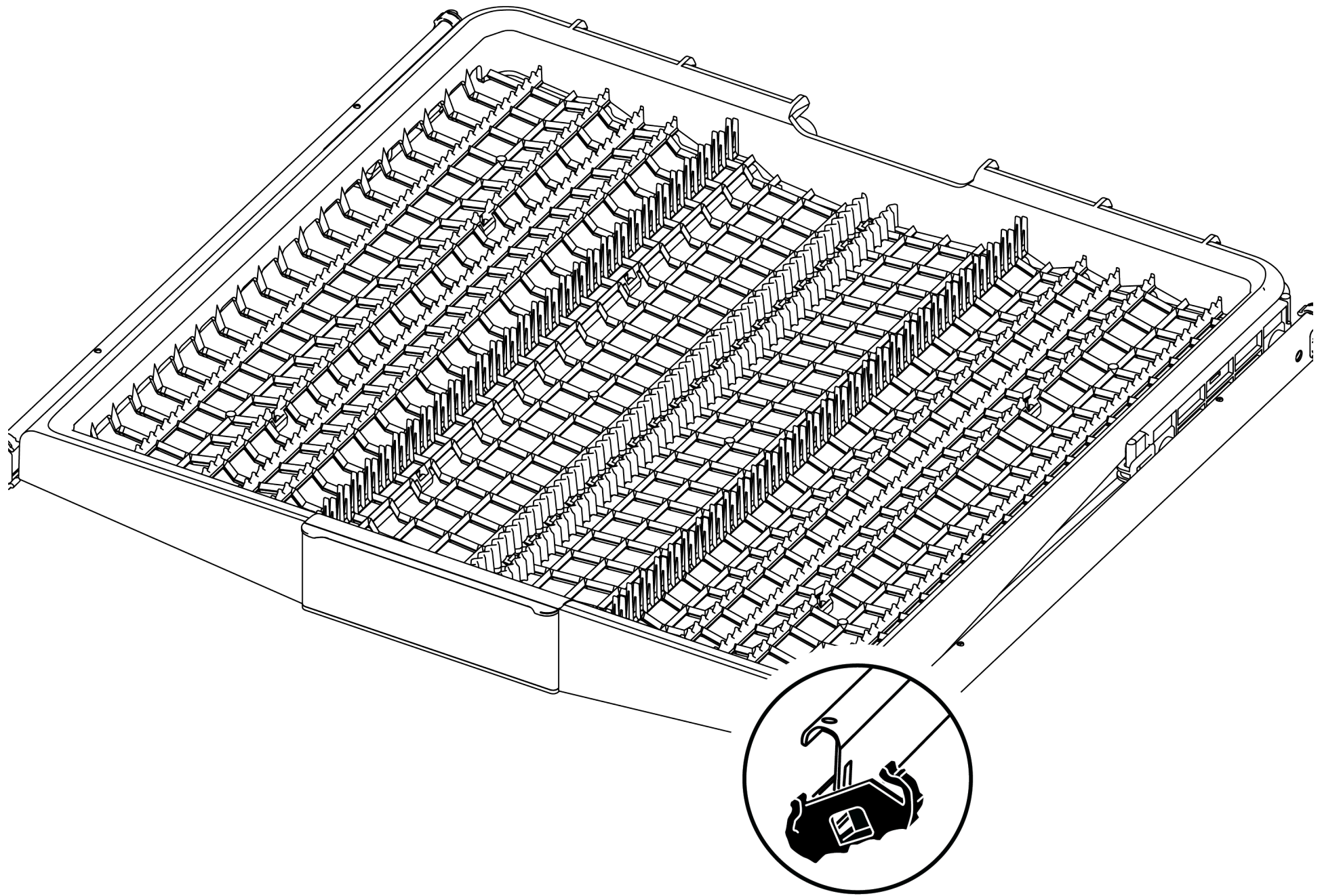


Bringing the wires to horizontal position by holding them from their ends may cause them to be bent. Therefore, grasp the centre wires by the bottom and push them in the direction of the arrow to bring them into a lying or upright position.

Cutlery basket

(depends on the model)

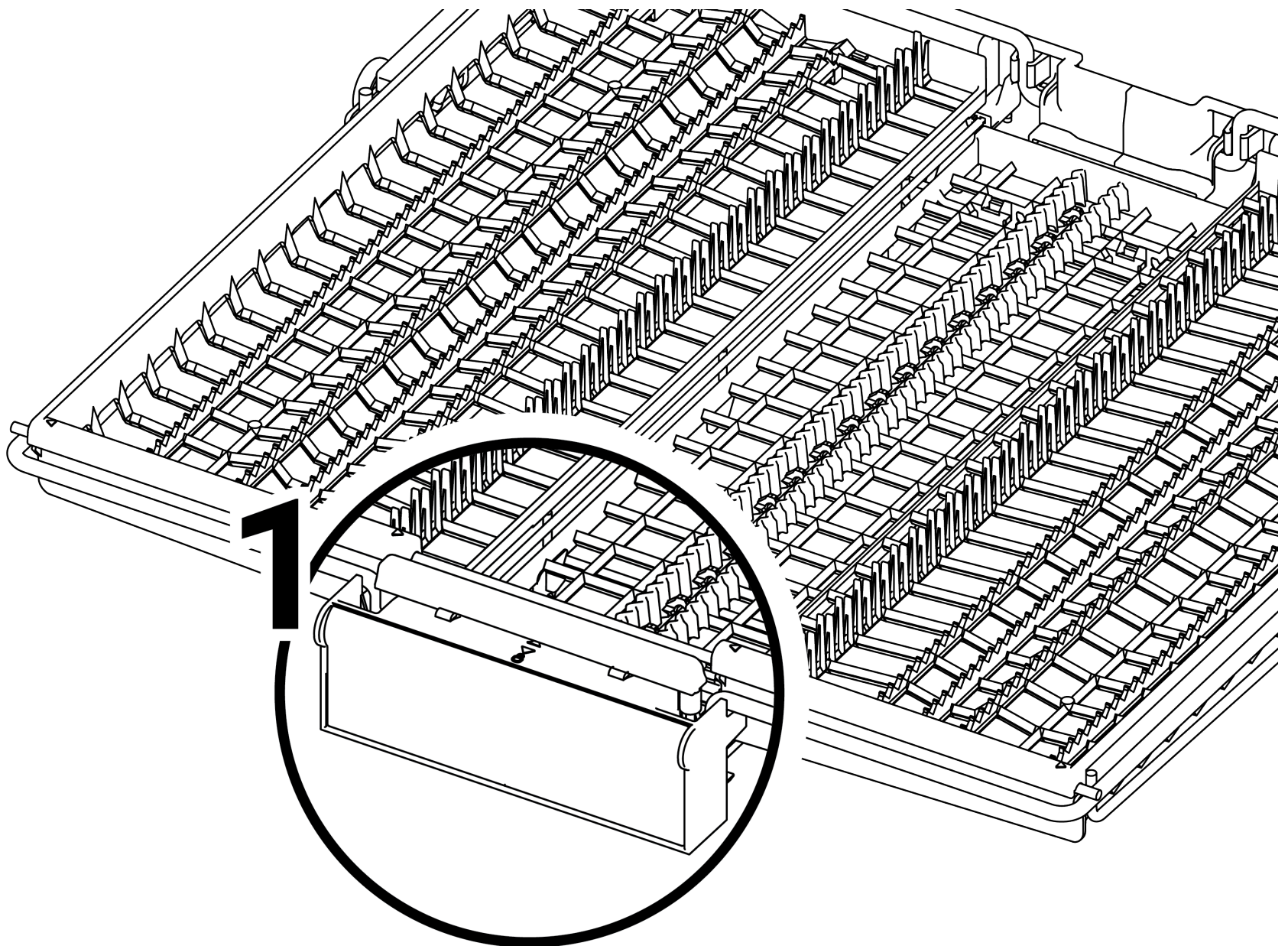
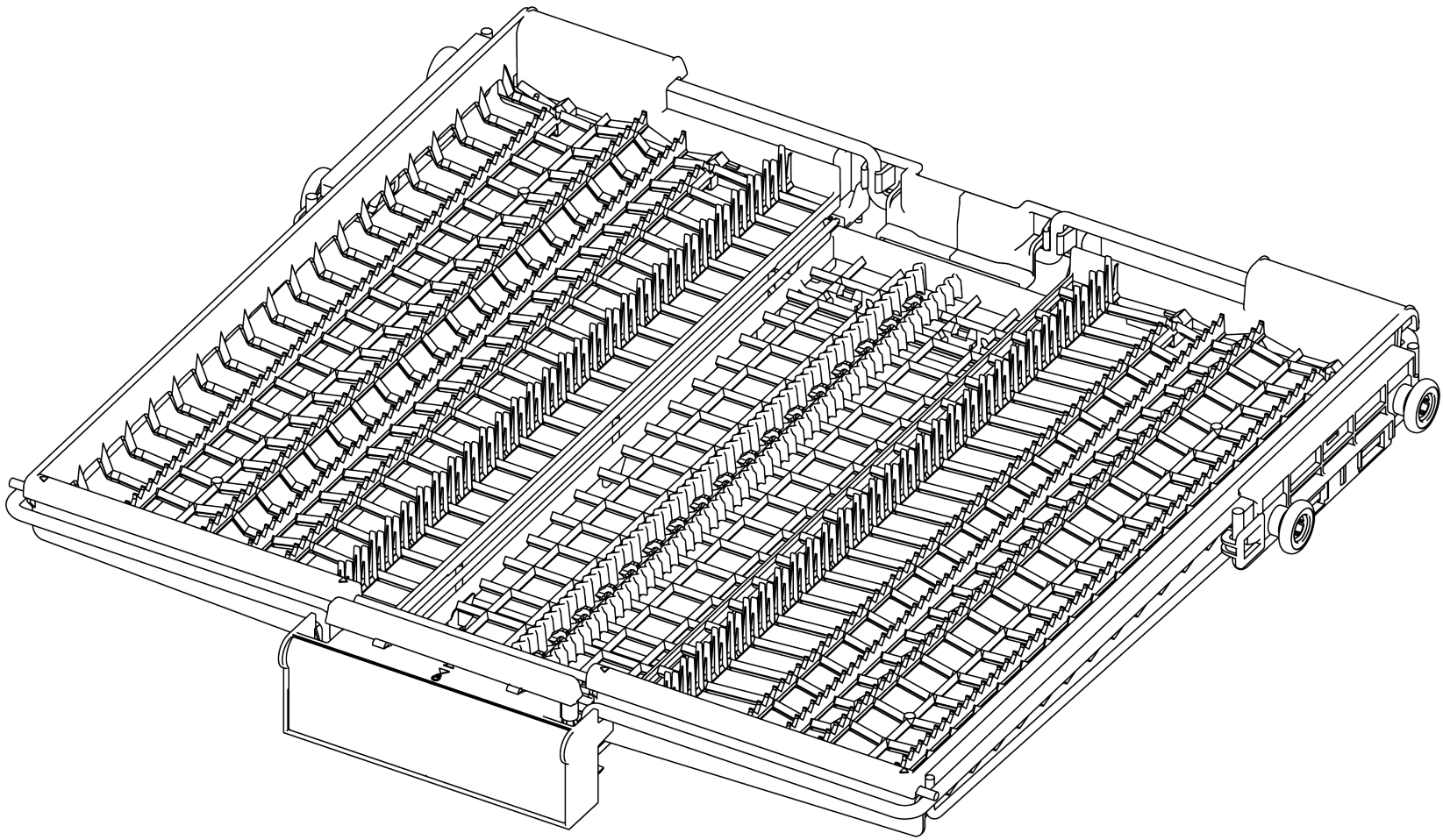
The ceiling cutlery basket is designed for washing your forks, spoons, etc. by placing them between the combs on the tray.



Cutlery basket

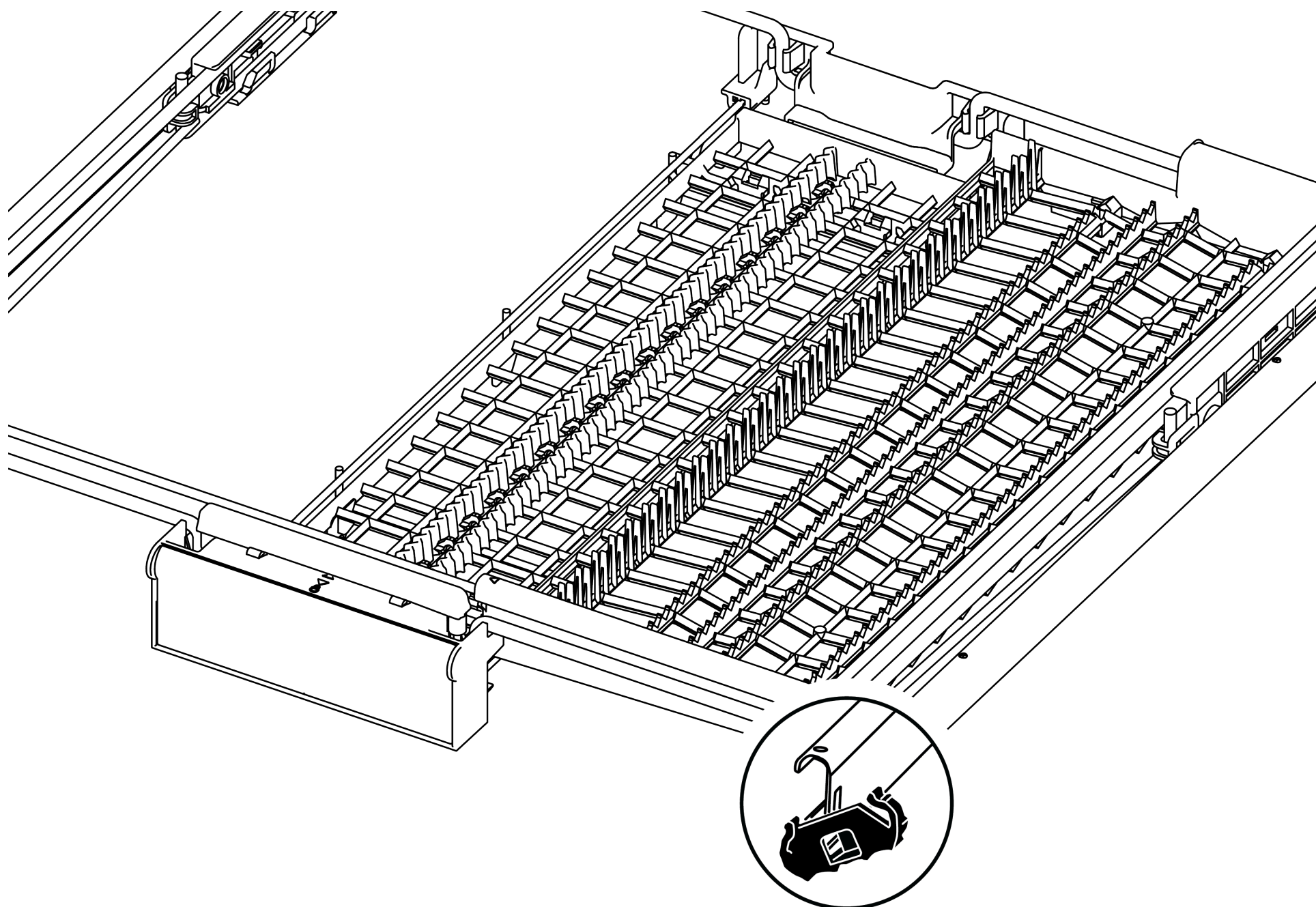
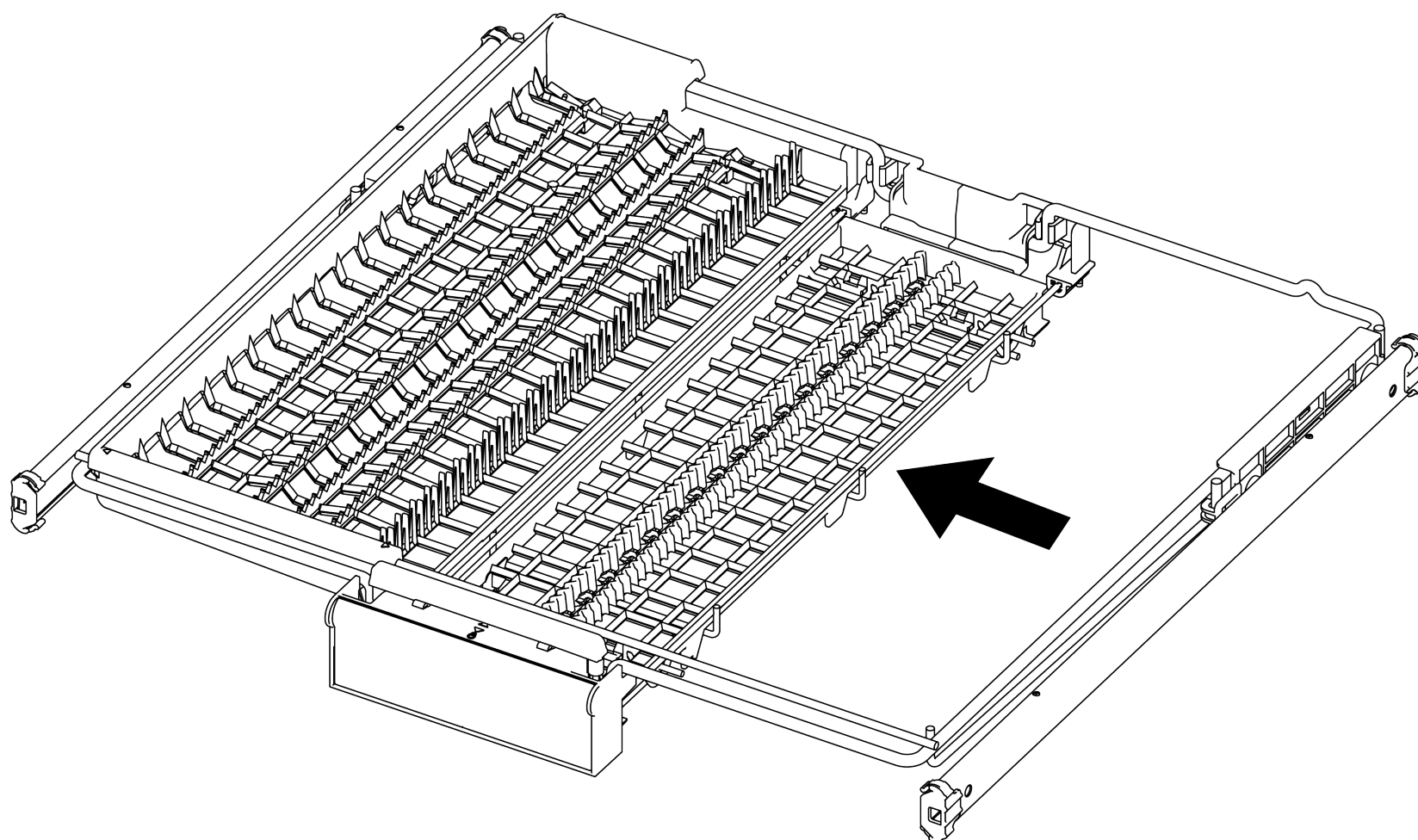
(depends on the model)

The ceiling cutlery basket is designed for washing your forks, spoons, etc. by placing them between the combs on the tray.



In the models with partial movement feature, when the arm (1) on the handle is pushed, the tray on the middle part of basket goes down to the lower position; system is unlocked and the right and left side trays can be freely moved.

The free area established by moving the side trays allows loading long dishes to the upper basket.



When the middle tray is in the lower position, it is possible to place long dishes such as coffee cups, ladles etc. on the tray. When the side trays are leaned to both sides, it is possible to pull the handle and ensure rising the middle tray and locking the system.

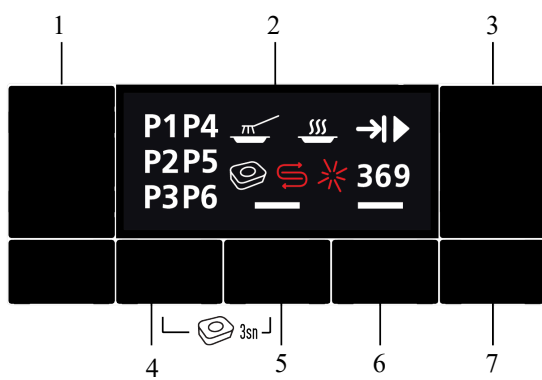
Lower Spray Arm

The lower spray arm washes the dishes in the lower basket.

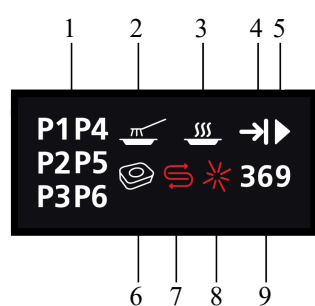
Upper Spray Arm

The upper spray arm washes the dishes in the upper basket.

Operation of the product



1	On / Off Button	2	Screen
3	Start / Pause / Cancel Key	4	Program Selection Key
5	Half Load Function	6	Extra Rinse Function
7	Delay Key		



1	Program Indicator	2	Washing Indicator
3	Drying Indicator	4	Cycle Ended Indicator
5	Start/Hold Indicator	6	Tablet Detergent Indicator
7	Low Salt Warning Indicator	8	Low rinse aid warning indicator
9	Delay Indicator		

NOTICE



Please read the safety warnings first.

Power On/Off Button

Used to turn the machine on or off. When this key is brought to ON, the machine is started with the economy program and the number of the economy program is displayed on the program indicator. The indicators on the screen go off.

Start / Hold / Cancel key

Used for starting, holding or cancelling the selected program.

Program Selection key

Used to select the proper washing program that you specified from the program information and average consumption table.

Delay key

Used for setting the delaying period.

Preparing the machine

- 1.Open the door of the dishwasher.
- 2.Load your dishes as described in the user manual.
- 3.Ensure that lower and upper spray arms are rotating freely.
- 4.Add adequate amount of detergent in the detergent compartment.
- 5.Inspect whether low salt and low rinse aid indicators are illuminated; and add salt and/or rinse aid if required.
- 6.Close the door of the dishwasher.

Program Selection

- 1.Turn your machine on by pressing the On / Off key.
- 2.Select the proper washing cycle for your dishes considering the cycle information and average consumption values table.
- 3.Press the Program Selection key until the number of the program you have decided is displayed on the Program indicator

Additional information

 [Cycle Information and Average Consumption Values Table](#)

 [Additional functions](#)

 [Starting of the Cycle](#)

 [Cancelling the Cycle](#)

 [Setting the Rinse aid Amount](#)

 [End of Program](#)

Cycle Information and Average Consumption Values Table

Additional functions

Washing cycles of the machine are designed to achieve the best cleaning performance by considering the soil level, the amount of dirt and the characteristics of the dishes to be washed in the machine.

Additional functions have been added to help you save time, water and energy and to perform a more hygienic and comfortable washing, thanks to the customized features settings.

NOTICE



Additional functions may change the duration of the selected cycle.

NOTICE



Additional functions are not suitable for all washing cycles. The indicator of the function that is not suitable for the cycle will not be active.

NOTICE



Functions that can be used in washing cycles are shown with letters such as "A, B,D,E,G,F,K..." in the "Cycle information and average consumption values table. You can find instructions on the use of these functions in the "Additional functions" section of the user manual.

NOTICE



Some auxiliary functions cannot be used together. If the function you have selected is not active even though it appears in the "Cycle information and average consumption values table", you can activate it after switching off other auxiliary functions.

To add additional functions to the cycle:

1. Select the desired washing cycle.
2. When you select an additional function, the indicator of the additional function lights up. When you press the function button again, the indicator turns off and the selection is cancelled.

If your machine has sub-menu functions depending on the model, see the instructions in the additional functions section for their use.

NOTICE



Not all of the functions indicated with letters such as "A,B,D,E,G,F,K..." in the cycle information and average consumption values table can be used in your machine, the functions that can be used in your machine are explained in the additional functions section of this manual.

Half Load function (Y)

(depends on the model)

It is used when you want to run your machine without fully fill it.

- 1.Place your dishes in your machine as you wish.
- 2.Turn on the machine from the On / Off button.
- 3.After selecting the desired cycle, press the Half Load button.
- 4.Run the cycle by closing the door of the machine.

Thanks to the Half Load function, you save water and energy while using the lower and upper baskets of your machine at the same time.

Tablet Detergent Function (T)

(depends on the model)

Depending on the mains water hardness, it provides better drying performance in washings made with multi-purpose detergents which are named 2in1, 3in1, 4in1, 5in1, all-in-one etc. When you select the tablet detergent function, the Tablet Detergent indicator lights up.

NOTICE



Depending on the control system of your machine, if the Tablet Detergent function is not available in the cycle you selected, its indicator turns off. You can find the information in which cycles the tablet detergent function can be used in the "Cycle information and average consumption values table".

NOTICE



In some models, depending on the control system of your machine, even though the Tablet Detergent function is not available in the cycle you have selected, its indicator may remain lit as long as the Tablet detergent function is not turned off. You can find the information in which cycles this function can be used in the "Cycle information and average consumption values table".

NOTICE



If you used the Tablet Detergent feature in the last washing cycle you used, the Tablet Detergent function will remain active in the next washing cycle you selected.

NOTICE



The tablet detergent function can increase the cycle time up to 35 minutes.

Extra Rinse function (R)

(depends on the model)

In case you experience detergent dissolution problems depending on the type of detergent you use, it provides the best rinsing performance by removing the stains that will remain on your dishes.

NOTICE



It can increase the selected cycle duration by 25-35 minutes.

Programming the Washing Period

Delaying

If economy billing schedule is applied for power in your region, you may use the delay function to wash your dishes at the relevant times. You may delay the start time of the cycle you have selected up to 3-6-9 hours. The delay adjustment cannot be made after the cycle has started.

- 1.Press the delay key after selecting the washing cycle and any other additional functions.
- 2.Enter delay selection mode. 3-hour delay icon flashes on the screen.
- 3.When you press the key for the second time, 3 hours icon turns off, and 6-hour delay icon flashes and activates. When you press the key for the third time, 6-hour icon turns off, and 9-hour delay icon flashes and activates.

4.Run the delay by pressing Start / Hold key.

NOTICE



While the delay function is running, the relevant delay duration and start icon are constantly on. During 0-3 hours delay period, 3-hour delay icon; during 3-6 hours delay period, 6-hour delay icon; and during 6-9 hours delay period, 9-hour delay icon is on.

NOTICE



If the door is opened while delay is running, the countdown is stopped and the start icon starts flashing.

NOTICE



For exiting the delay mode without running the delay, press the delay key until 3-6-9 duration indicators turn off. Exit the delay mode and enter the program selection mode

Changing the settings while the delay function is active

While the delay function is active, you cannot make changes to the washing cycle, additional functions or to the delay period

To cancel the delay function

1.Press and hold Start / Hold / Cancel key for 3 seconds; delay period and start-hold icon turns off and the delay function is cancelled.

NOTICE



You can select and run a new program after cancelling the delay function.

NOTICE



The delay function cannot be set after the cycle has started.

Starting of the Cycle

Press the Start / Hold / Cancel key to start your machine after selecting the program and additional functions.

NOTICE



Machine softens the water as per the hardness of the mains water. The washing period may differ due to the water softening process. Moreover, program period may also change while the program is being executed as a result of the room temperature, mains water temperature and the amount of dishes.

NOTICE



Care to avoid opening of the door while the machine is being operated. If you need to open the door, stop the machine by pressing the Start / Hold / Cancel key. Then open the door of the machine. Be careful as steam may come out when you open the door of the machine. Press the Start / Hold / Cancel key again after closing the machine door. Program shall be resumed.

NOTICE



To ensure that the water remaining on the dishes and inside the machine is completely drained and that the water softener is removed after rinsing operation, it resumes operation at drying cycle after keeping silent for a while.

Cancelling the Cycle

- 1.Press the Start / Hold / Cancel key for 3 seconds to cancel the program.
- 2.Release the key when the Program indicator starts flashing. The machine will execute the necessary operations for a few minutes to cancel the program.

NOTICE



Detergent or rinse aid may remain inside the machine and/or the dishes being washed as per the step of the cycle you have cancelled.

Setting the Rinse aid Amount

1. Press the Delay and P keys for 3 seconds and enter the settings menu after turning your machine on.
2. Press the P key until the drying indicator starts flashing.
3. Set to a proper level with the Delay key.
4. Press the On/Off key to save the setting.

Applies no rinse aid in P:1 position during washing program.

Applies 2 dose of rinse aid in P:1 position.

Applies 3 dose of rinse aid in P:2 position.

Applies 4 dose of rinse aid in P:3 position.

Applies 5 dose of rinse aid in P:4 position.

End of Program

Program End indicator illuminates when the washing program has ended.

- 1.Turn your machine off by pressing the On / Off key.
- 2.Switch off the tap.
- 3.Remove the plug from the outlet.

NOTICE



Your machine turns off automatically after a certain period to save energy when the program is ended or not started.

NOTICE



After washing your dishes, keep them inside the machine for cooling for approximately 15 minutes. Your dishes shall dry faster if you leave the door of your machine ajar within this period. This shall improve the drying efficiency of the machine

Maintenance and Cleaning

Additional information

[↪ Maintenance and cleaning](#)

[↪ Cleaning the filters](#)

[↪ Cleaning the hose filter](#)

[↪ Cleaning the spray arms](#)

Maintenance and cleaning

NOTICE



Read the "Safety Instructions" section first!

NOTICE



Unplug the machine and switch off the tap before cleaning.

NOTICE



Do not use abrasive materials when cleaning.

NOTICE



Clean the filter and spray arms at least once a week for efficient operation of the machine.

Regular cleaning will prolong the service life of the product and reduce common problems.

Cleaning the outer surface of the machine

Gently wipe the exterior of your machine and the door seals with a delicate cleaning agent and a damp cloth. Wipe the "control panel" only with a slightly damp cloth.

Cleaning the inside of the machine

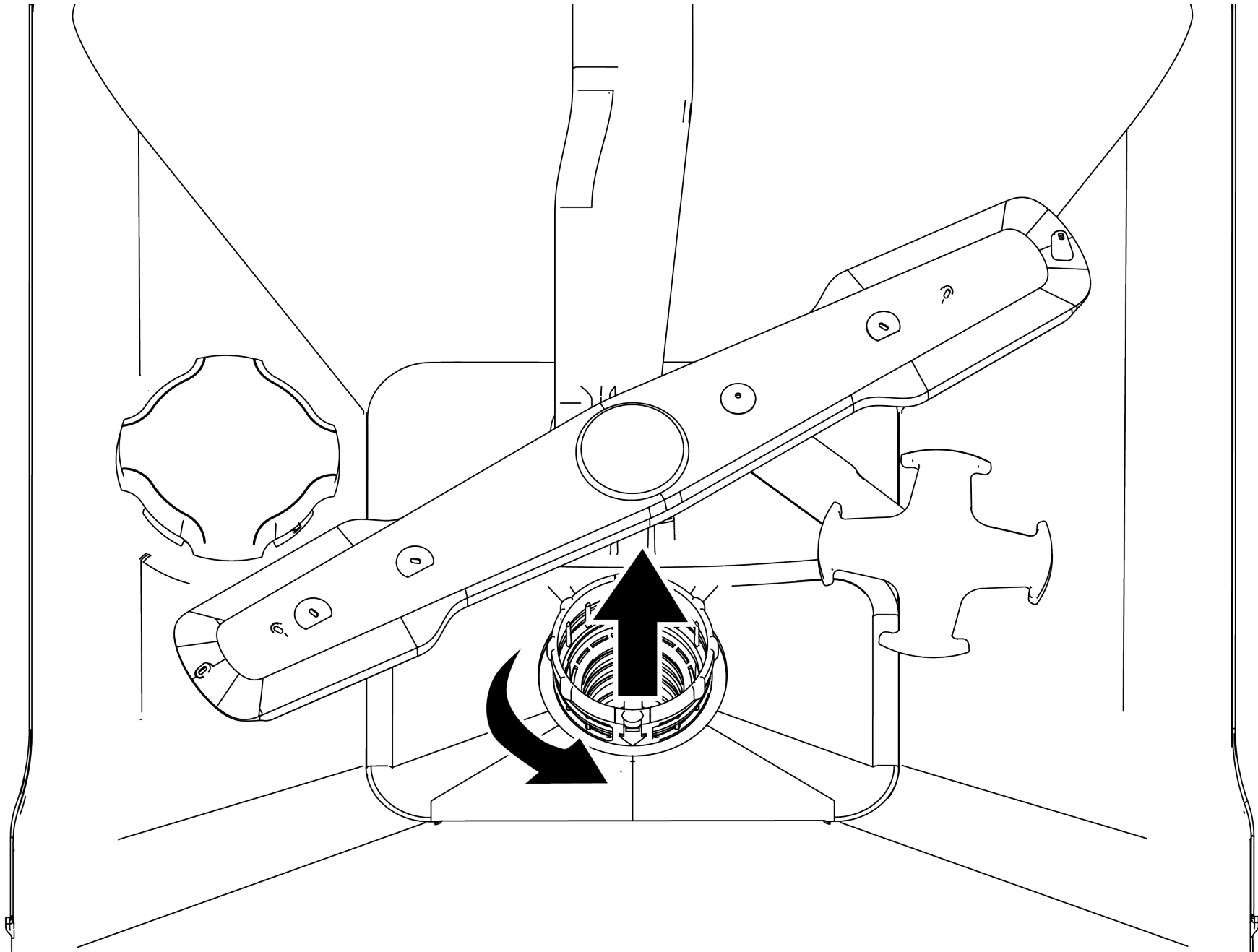
Clean the machine monthly with detergent or special machine cleaning agents by running the machine on the cycle running at the highest possible temperature. This will help to remove debris and limescale from inside the machine.

If water remains in the machine, drain the water from the machine by following the procedure in the section "Cancelling the cycle". If the water cannot be drained, remove the filters as described in the "Cleaning the filters" section and check the bottom of the machine for any dirt particles that have accumulated and blocked the waterway, and clean them if necessary.

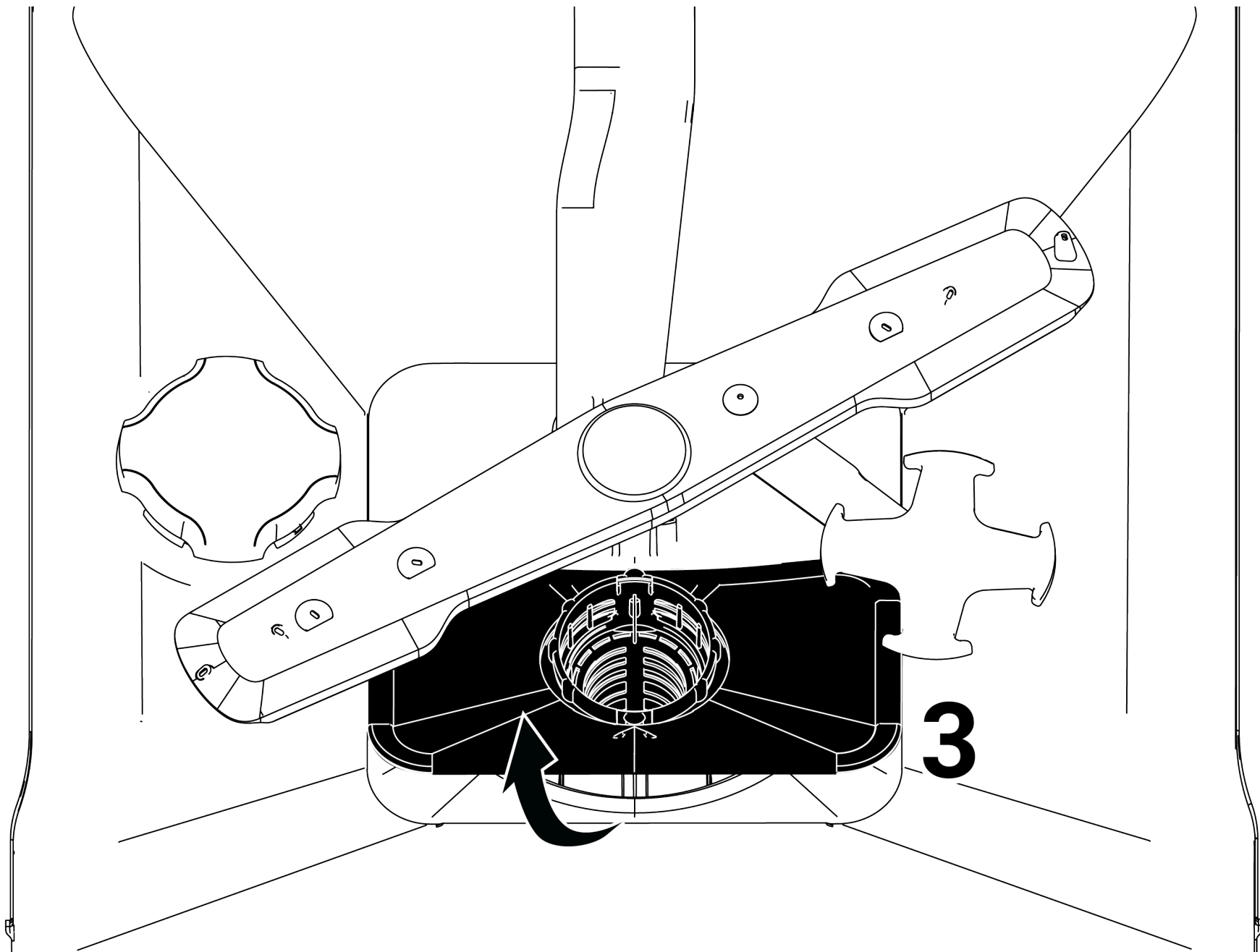
Cleaning the filters

Clean the filters at least once a week for efficient machine operation. Check that no food residue remains on the filters. If any food residue remains, remove the filters and clean them thoroughly under the tap.

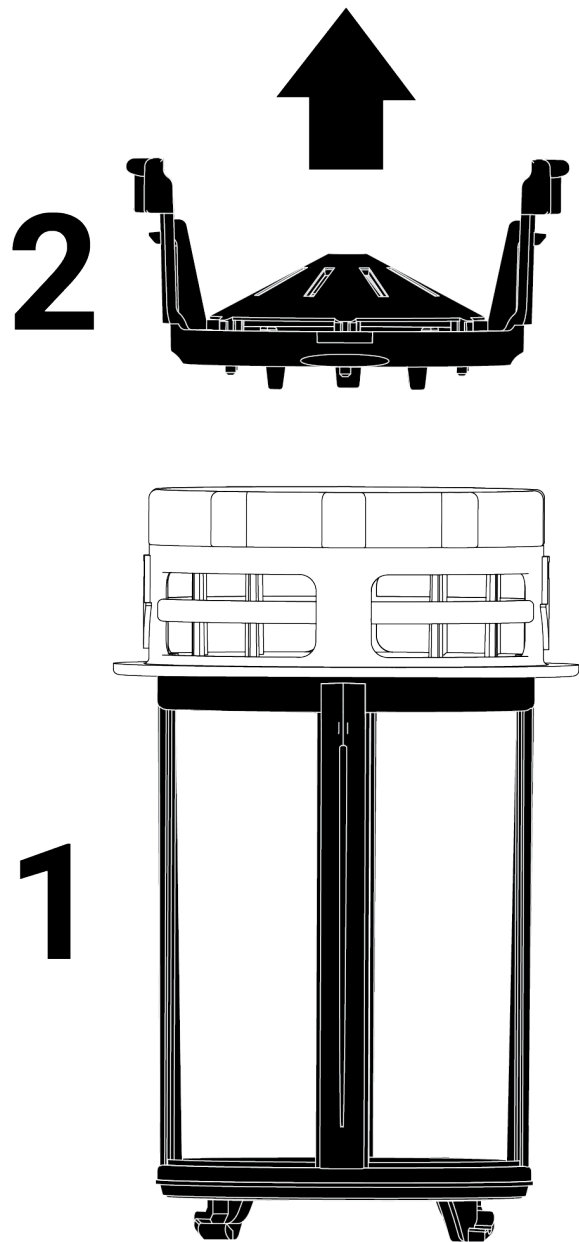
1. Remove the microfilter and coarse filter group by turning them anti-clockwise and pulling them out.



2. Pull out the metal/plastic filter (3).



3. Press the two latches on the coarse filter inwards to separate the coarse filter from the group.



- 4. Clean all three filters under the tap with a brush.
- 5. Replace the metal/plastic filter.
- 6. Insert the coarse filter into the microfilter. Make sure that it is positioned correctly. Turn clockwise until it clicks.

NOTICE



The machine must not be used without filters.

NOTICE



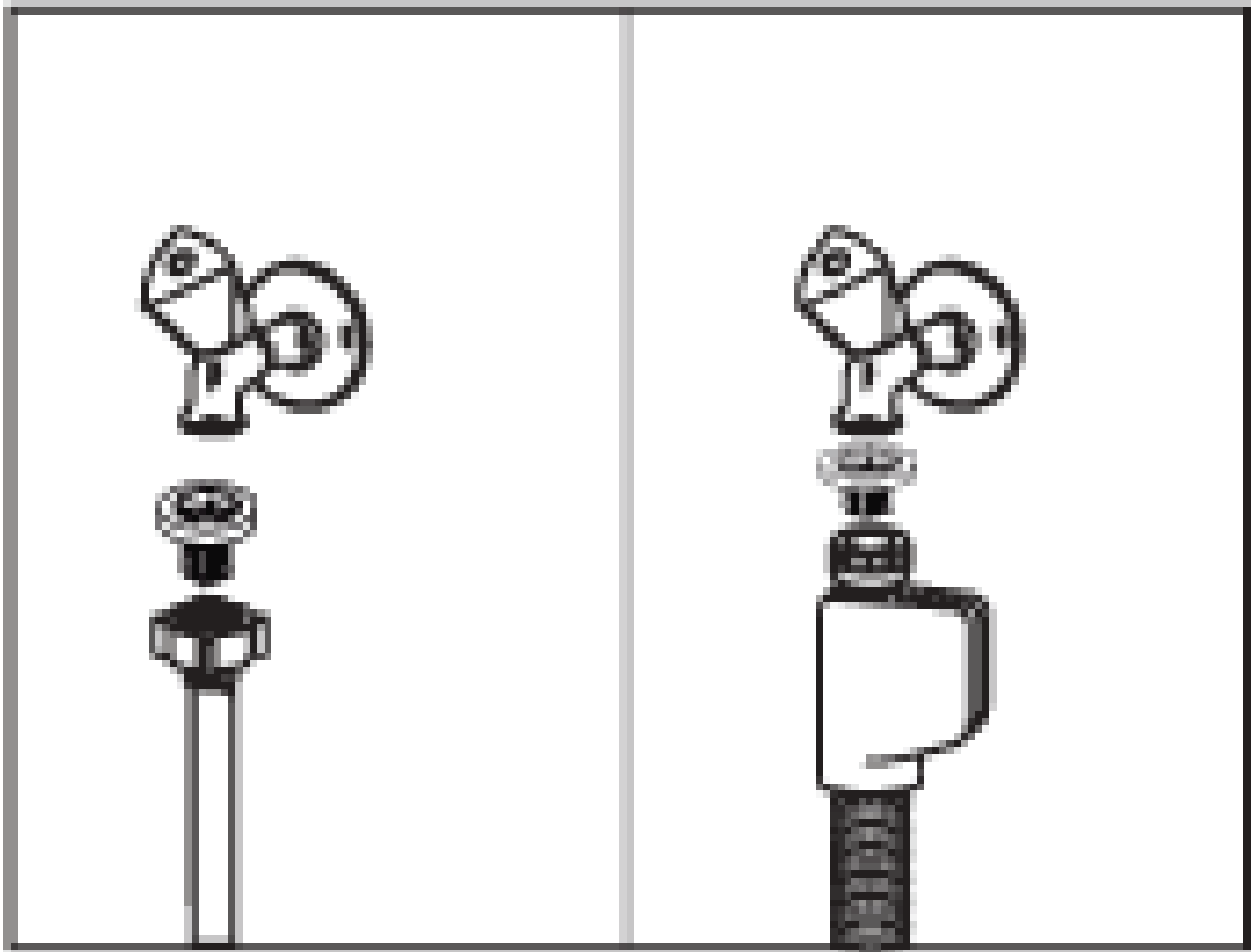
Failure to install the filters correctly will reduce the washing efficiency.

Cleaning the hose filter

The machine is prevented from being damaged by dirt (sand, clay, rust, etc.) from the mains or your water supply system by means of a filter in the water inlet hose. Check the filter and hose from time to time and clean them if necessary.

1. Switch off the tap and disconnect the hose.
2. After removing the filter from the hose, clean it under the tap.
3. Place the cleaned filter back in its place in the hose.
4. Attach the hose to the tap.

(depends on the model)

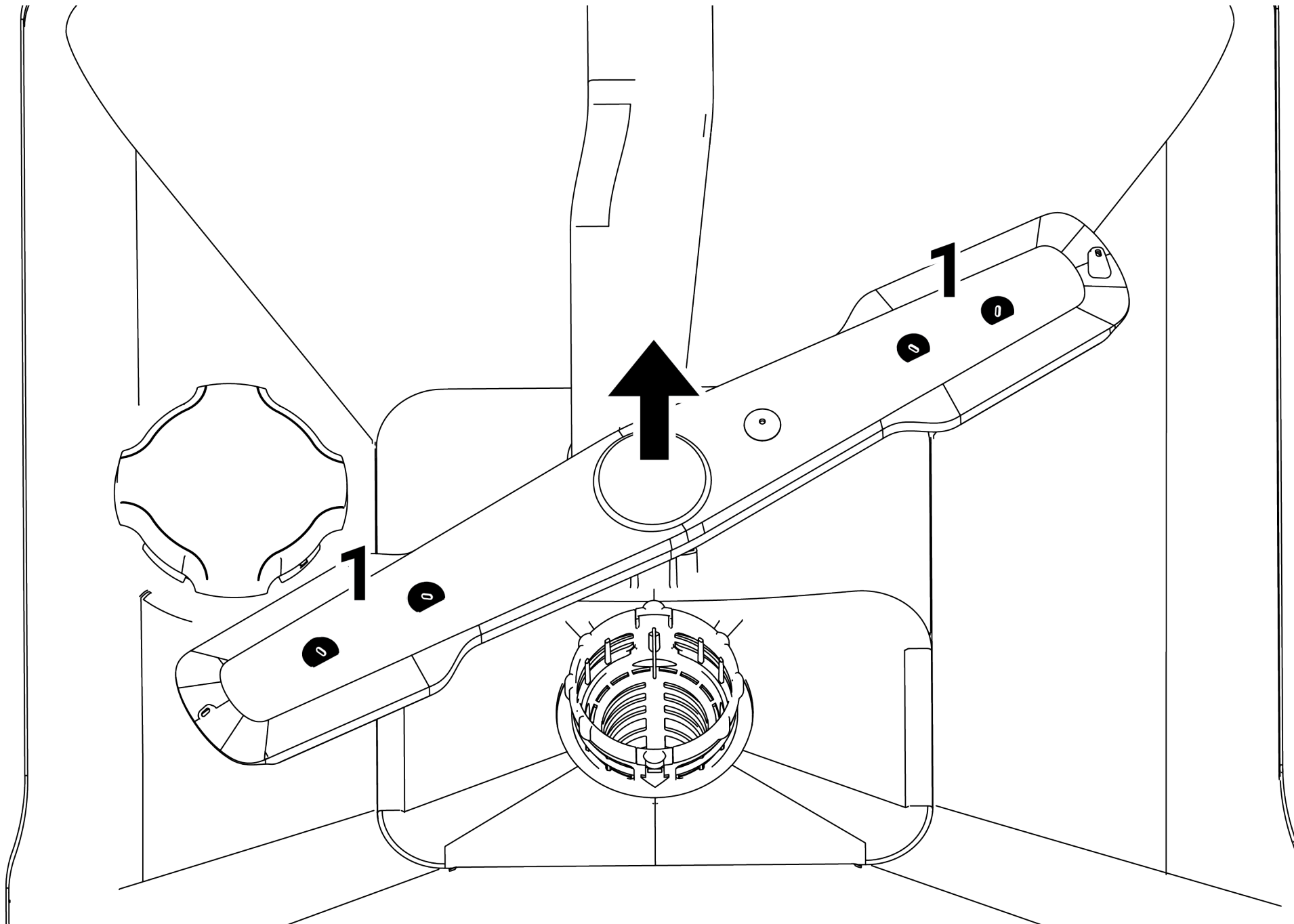


Cleaning the spray arms

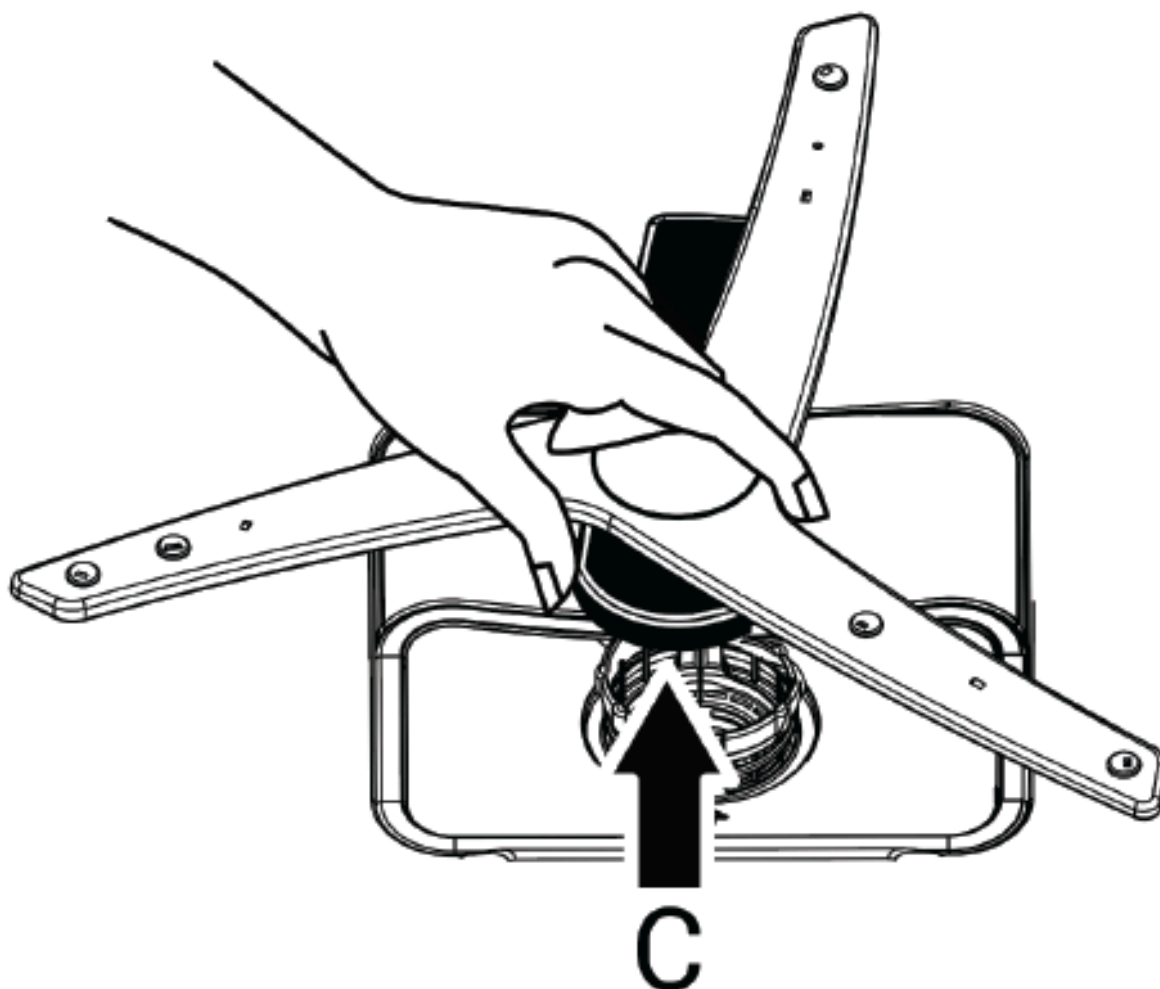
Clean the spray arms at least once a week for efficient machine operation.

Lower spray arm

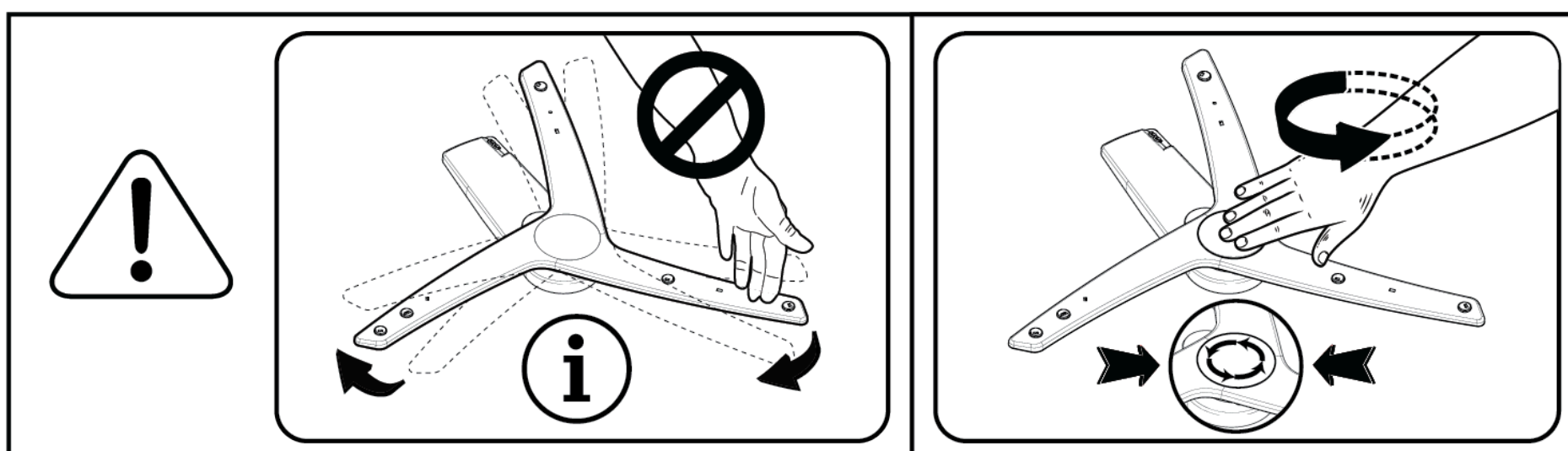
Check the lower spray arm (1) holes for blockage. If there is a blockage, remove and clean the spray arm. You can remove the lower spray arm by pulling it upwards (depending on model)



Check whether the holes of the spray arm assembly are blocked. If there is a blockage, remove and clean the spray arm assembly. (depends on the model)



To disassemble and clean the lower spray arm assembly together, remove it by grasping the points (C) shown in the figure with one hand and pulling it upwards. After cleaning, reinstall the spray arm assembly by reversing the same procedure.



NOTICE

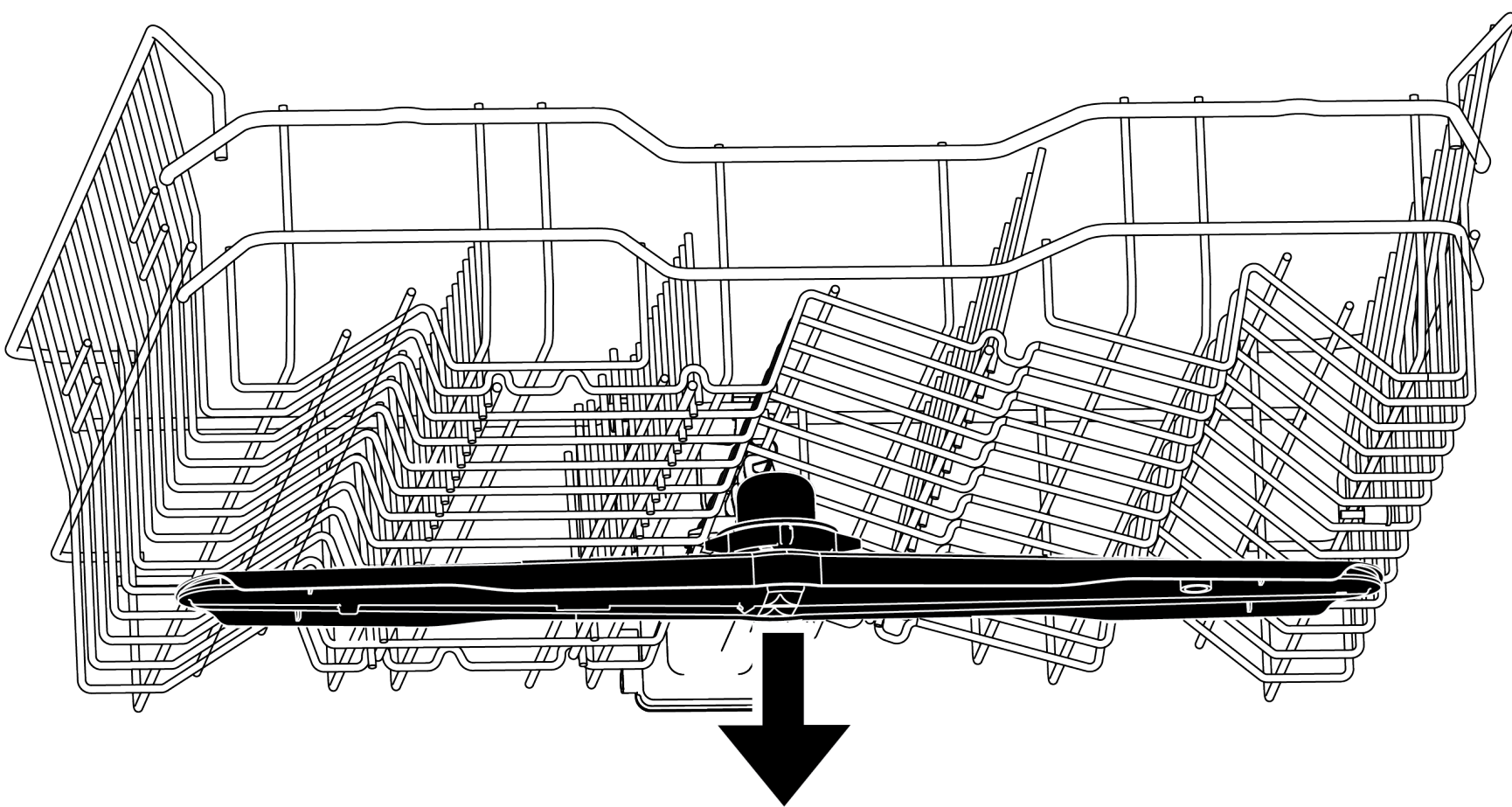
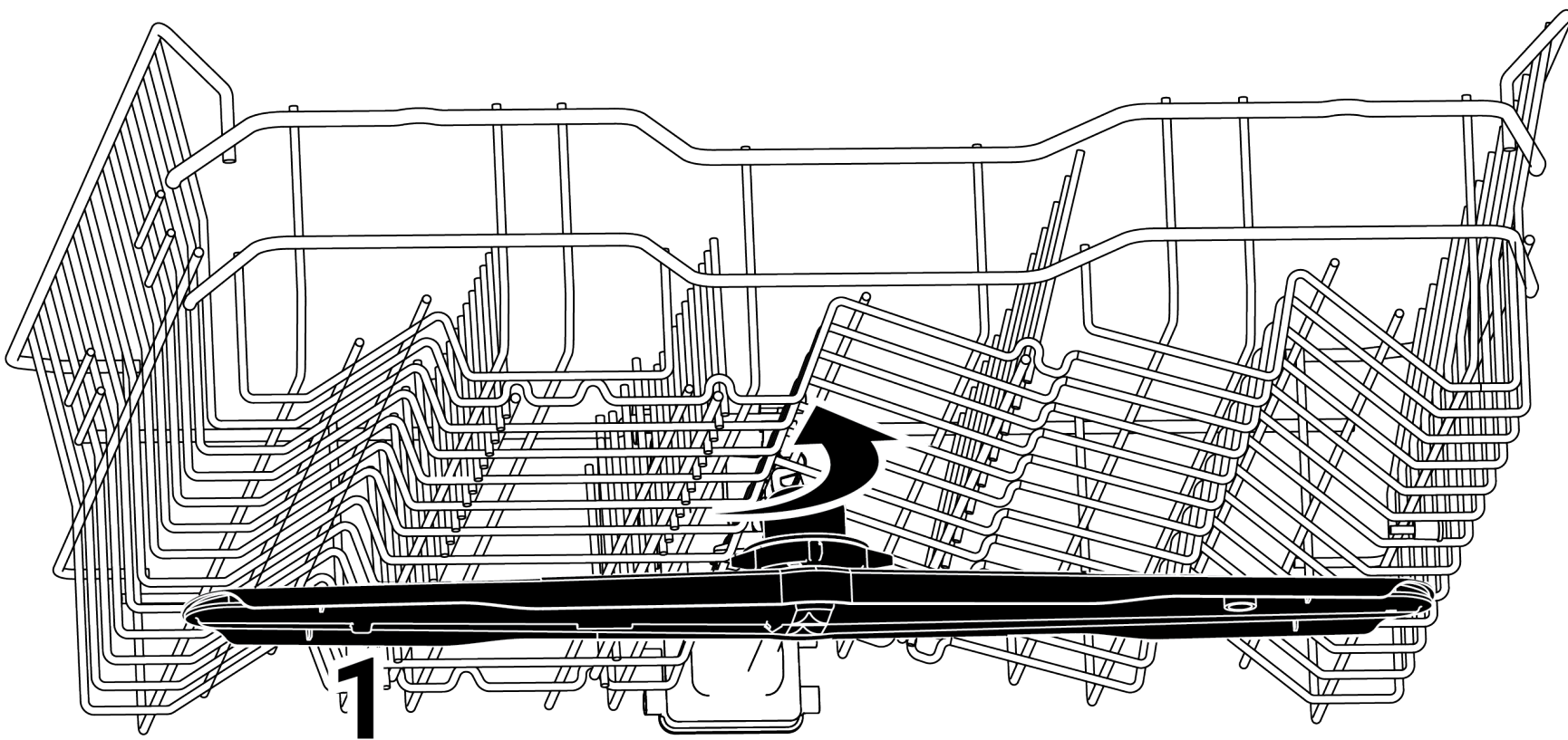


Do not try to rotate the spray arm by holding it by its ends. Attempting to turn the spray arm by its ends may cause the gear system inside the spray arm to break.

Upper spray arm

Check the upper spray arm (1) holes for blockage. If there is a blockage, remove and clean the spray arm. You can remove the upper spray arm by turning the nut to the left.

Make sure that the nut is fully tightened when replacing the upper spray arm.



Troubleshooting

Additional information

[↻ Error Codes, Causes and Solutions](#)

[↻ Troubleshooting](#)

Error Codes, Causes and Solutions

Error Code	Cause	Solution
E01 Warning P1 Blinks (depends on the model)	Chassis water filling fault	1-Error algorithm is activated. 2-Cycle ends. If you see the error continuously, 1-Cut off the electricity. 2-Close the valve.
E02 Warning P2 Blinks (depends on the model)	Water outage error	Check the water supply.
	Filter is blocked	1-Cut off the electricity connection. 2-Cut off the water connection. 3-Remove water inlet hose. 4-Check and clean the filter. 5-Establish the water connection. 6-Establish the electricity connection.
	Other	If the error continues, 1-Close your machine.
E06 Warning	Temperature sensor in the machine is faulty	If you see this error continuously and washing performance has reduced, 1-Close your machine.
E07 Warning	Flowmeter is faulty	1-Error algorithm is activated. 2-Cycle ends. If you see the error continuously, 1-Cut off the electricity. 2-Close the valve.

Troubleshooting

Machine does not work.

- The mains plug may not be plugged in. >>> Check that the mains plug is plugged in.
- The fuse may have blown. >>> Check the fuses in your house.
- Water may not be coming out. >>> Make sure that the water inlet tap is open.
- The machine door may be open. >>> Make sure that the machine door is closed.
- "On/Off button" may not have been pressed. >>> Make sure to switch on the machine by pressing the "On/Off button".

Dishes are not cleanly washed

- Dishes are placed irregularly. >>> Place the dishes as specified in the user manual.
- The proper cycle is not selected. >>> Select a cycle with a higher temperature and washing for a longer time.
- Dishes are very dirty >>> Remove the coarse dirt of your dishes with a napkin and then place them into your machine.
- Spray arms are stuck. >>> Before starting the cycle, make sure that the upper and lower spray arms rotate freely by rotating them with your hand.
- The holes of the spray arms are clogged. >>> Upper or lower holes of the spray arms may be clogged with food residues such as lemon seeds. Clean the spray arms regularly as shown in the Section "Cleaning and maintenance."
- Filters are clogged. >>> Check whether the filter system is cleaned. Clean the filter system regularly as shown in the "Cleaning and maintenance" section.
- Filters are not installed correctly. >>> Inspect the filter system and make sure that it is installed correctly.
- Baskets are overloaded. >>> Do not load baskets above their capacity.
- Detergent is stored under improper conditions. >>> If you are using a powder detergent, do not store the detergent package in humid environments. If possible, store the detergent in a storage container with a lid. We recommend you to use tablet detergent for easy storage.
- Adequate amount of detergent is not added. >>> If you are using a powder detergent, put the amount of detergent suitable for the soil level of your dishes and for the definitions of the cycles. We recommend using tablet detergents to achieve the best results.
- Insufficient amount of rinse aid. >>> Inspect the low rinse aid warning indicator and add rinse aid, if required. If adequate amount of rinse aid is available in the machine, increase the setting for rinse aid.
- Detergent compartment cover is not closed. >>> Always close the cover of the detergent compartment after adding detergent.

Dishes are not dried

- Dishes are placed irregularly. >>> Place your dishes so that water shall not collect inside them during washing.
- Insufficient amount of rinse aid. >>> Inspect the low rinse aid warning indicator and add rinse aid, if required. If adequate amount of rinse aid is available in the machine, increase the setting for rinse aid.
- Machine is unloaded right after the end of washing cycle. >>> Do not unload your machine right after the end of washing cycle. Keep the door ajar and let the steam come out for some time and unload the machine when the dishes are cooled so that they are OK to be contacted by hand. Start the unloading operation from the lower basket. Thus, the water remaining on any dish on the upper basket is prevented from dripping on the dishes on the lower basket.
- The proper cycle is not selected. >>> Drying performance is low as the rinsing temperature is also low in short cycles. For a higher drying performance, select longer cycles.
- Tablet detergent is used, and tablet button is not pressed >>> If your machine has a "tablet detergent" function, activate it while using multi-purpose detergents.
- Surface quality of the kitchenware is poor. >>> You may achieve the expected washing performance on kitchenware with damaged surfaces, and the use of such kitchenware is not correct in terms of hygiene. Moreover, it is difficult for water to flow over damaged surfaces. It is not recommended to wash such kitchenware in the dishwasher.
- It is natural to have concerns about drying for Teflon kitchenware. This condition is a result of the structure of Teflon. As the surface tensions of Teflon and water are different, water particles remain like beads on the Teflon surface.

Tea, coffee or lipstick stains are left on the dishes.

- The proper cycle is not selected. >>> Select a cycle with a higher temperature and washing for a longer time.
- Surface quality of the kitchenware is poor. >>> When tea, coffee stains and other stains caused by dyeing materials penetrate the damaged surfaces, it is not possible to remove such stains dishwashers. You may achieve the expected washing performance on kitchenware with damaged surfaces, and the use of such kitchenware is not correct in terms of hygiene. It is not recommended to wash such kitchenware in the dishwasher.
- Detergent is stored under improper conditions. >>> If you are using a powder detergent, do not store the detergent package in humid environments. If possible, store the detergent in a storage container with a lid. We recommend you to use tablet detergent for easy storage.

Lime stains remain on dishes and glassware looks blurred

- Insufficient amount of rinse aid. >>> Inspect the low rinse aid warning indicator and add rinse aid, if required. If adequate amount of rinse aid is available in the machine, increase the setting for rinse aid.
- Water hardness setting is low or salt level is inadequate. >>> Check the water hardness setting by measuring the hardness of the mains water accurately.
- There is a leak of salt. >>> Take care not to pour salt around the filler opening while adding salt. Ensure that the water softener lid is closed after adding salt. Clean the salt spilt into the machine by running the pre-wash cycle. Check the lid once more at the end of the cycle, as the salt particles remaining under the lid will dissolve in the pre-wash step, and thus the lid may loosen.

There is a different smell inside the machine

- New machines have a certain smell. This smell shall disappear after a few washing cycles.
- Filters are clogged. >>> Check whether the filter system is cleaned. Clean the filter system regularly as shown in the "Cleaning and maintenance" section.
- Chemicals that may cause odour are put inside the rinse aid reservoir. >>> Do not use chemicals such as vinegar, hand washing detergents, and descaling agents.
- Soiled dishes were kept in the dishwasher for 2-3 days. >>> If you shall start the machine immediately after putting the dishes into the machine, remove the soil on the dishes and run the Pre-Wash cycle without detergent every two days. Do not close the door of the machine completely to prevent occurrence of odour inside the machine in such cases. You may also use commercially available deodorizing and machine cleaning agents.

Rust stains, tarnishing, surface deterioration on the dishes

- There is a leak of salt. >>> Salt may cause deterioration and corrosion on metal surfaces. Take care not to pour salt around the filler opening while adding salt. Ensure that the water softener lid is closed after adding salt. Clean the salt spilt into the machine by running the pre-wash cycle. Check the lid once more at the end of the cycle, as the salt particles remaining under the lid will dissolve in the pre-wash step, and thus the lid may loosen.
- Salty food residues have remained on the dishes for a long period of time. >>> If kitchenware soiled with such foods are to be kept in the machine, the soil shall be removed from the surface of the dish by the pre-washing cycle or the dishes shall be washed without waiting.
- There is no earth line in the electrical installation. >>> Check if your machine is connected to a true earth line. Otherwise, the static electricity generated in the machine causes arcs and pits on the surface of the metal objects, removing the protective layer on the surface, and cause tarnishing of the surface.
- Intensive cleaning agents such as bleach are used. >>> The protective layer on metal surfaces gets damaged when it comes into contact with cleaning agents such as bleach, and thus loses its effect over time. Do not wash your dishes with bleach. If you want to wash your dishes using bleach, your dishwasher shall have a special equipment and a function that allows washing with bleach. With this equipment and function, the appropriate amount of bleach shall be taken into the washing environment in the right step, then we may benefit from its hygienic effect and rinse the dishes in the best way.
- Metal items, such as knives in particular, were used outside of their intended use. >>> If the knives are used for purposes such as opening the cans, the protective layer on their ends shall be damaged. Do not use metal kitchenware outside of their intended use.
- Cutlery are made of low quality stainless steel. >>> It is inevitable that such items will rust, thus they shall not be washed in the dishwashers.

- Previously rusted kitchenware are washed in the dishwasher. >>> Rust on a corroded item may migrate to other stainless steel surfaces during washing and cause rust to appear on those surfaces, too. Such items shall not be washed in dishwashers.

Detergent residues are present in the detergent reservoir.

- Detergent was put in a long time before the washing procedure. >>> Take care to put in the detergent just before starting the washing operation.
- Opening of the detergent reservoir lid is prevented during washing operation. >>> Place the dishes in a way that does not prevent the detergent reservoir lid from opening and water from the spray arms flowing into the reservoir.
- Detergent is stored under improper conditions. >>> If you are using a powder detergent, do not store the detergent package in humid environments. If possible, store the detergent in a storage container with a lid. We recommend you to use tablet detergent for easy storage.
- The holes of the spray arms are clogged. >>> Upper or lower holes of the spray arms may be clogged with food residues such as lemon seeds. Clean the spray arms regularly as shown in the Section "Cleaning and maintenance."

Patterns and decorations on kitchenware are erased.

- Patterned glasses and porcelain items with a pattern on the glaze are not suitable for washing in the dishwasher. Glass and porcelain tableware manufacturers do not recommend washing such kitchenware in the dishwasher.

The dishes are being scratched.

- Kitchenware and accessories made of aluminium or that contain aluminium shall not be washed in the dishwasher.
- There is a leak of salt. >>> Take care not to pour salt around the filler opening while adding salt. Salt spread around may cause scratching. Ensure that the water softener lid is closed after adding salt. Clean the salt spilt into the machine by running the pre-wash cycle. Check the lid once more at the end of the cycle, as the salt particles remaining under the lid will dissolve in the pre-wash step, and thus the lid may loosen.
- Water hardness setting is low or salt level is inadequate. >>> Check the water hardness setting by measuring the hardness of the mains water accurately.
- The dishes are not placed properly. >>> When placing glasses and other glass kitchenware in the basket, do not lean them against other dishes, but on the edges of the basket, on the racks or on the glass supporting wire. When two glasses or other dishes being washed hit each other due to the impact of water during washing operation, this may cause scratching/breaks on the surfaces.
- A blurred stain that looks like a milk soil remains on glasses, which cannot be removed when wiped by hand. When exposed to light, a bluish /rainbow coloured appearance is observed.
- Excessive amount of rinse aid is used. >>> Lower the setting of rinse aid. While adding the rinse aid, always clean the rinse aid overflow to the surroundings.
- Corrosion has occurred on the glass due to soft water. >>> Check the water hardness setting by measuring the hardness of the mains water accurately. Do not use salt if your mains water is soft (<5 dH). Use cycles with a higher temperature setting (e.g. 60-65 degrees) for washing. You may also use commercially available glass-protecting detergents.

Foam occurs in the machine.

- Dishes are washed by hand with dish washing detergent and then put into the machine without rinsing before they are placed in the machine. >>> No foam control characteristics are available in dish washing detergents intended for hand washing. You do not need to hand wash the dishes with detergent before placing them in the machine. Simply rinse off the coarse soil on the surface of the dish with water or scrape it off with a paper napkin or a fork.
- Rinse aid was spilt into the machine while adding rinse aid. >>> Take care not to spill rinse aid into the machine while adding rinse aid. Clean spilt rinse aid with a paper napkin/towel.
- The rinse aid reservoir lid has been left open. >>> Make sure to close the rinse aid reservoir lid after adding rinse aid.

Kitchenware break.

- Dishes are placed irregularly. >>> Place the dishes as specified in the user manual.
 - Baskets are overloaded. >>> Do not load baskets above their capacity.
 - Water remains in the dishwasher after the end of the cycle.
 - Filters are clogged. >>> Check whether the filter system is cleaned. Clean the filter system regularly as shown in the "Cleaning and maintenance" section.
 - The drain hose is clogged / blocked. >>> Inspect the drain hose. Remove the hose if required to remove the blockage and then install it again as described in the installation instructions.
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