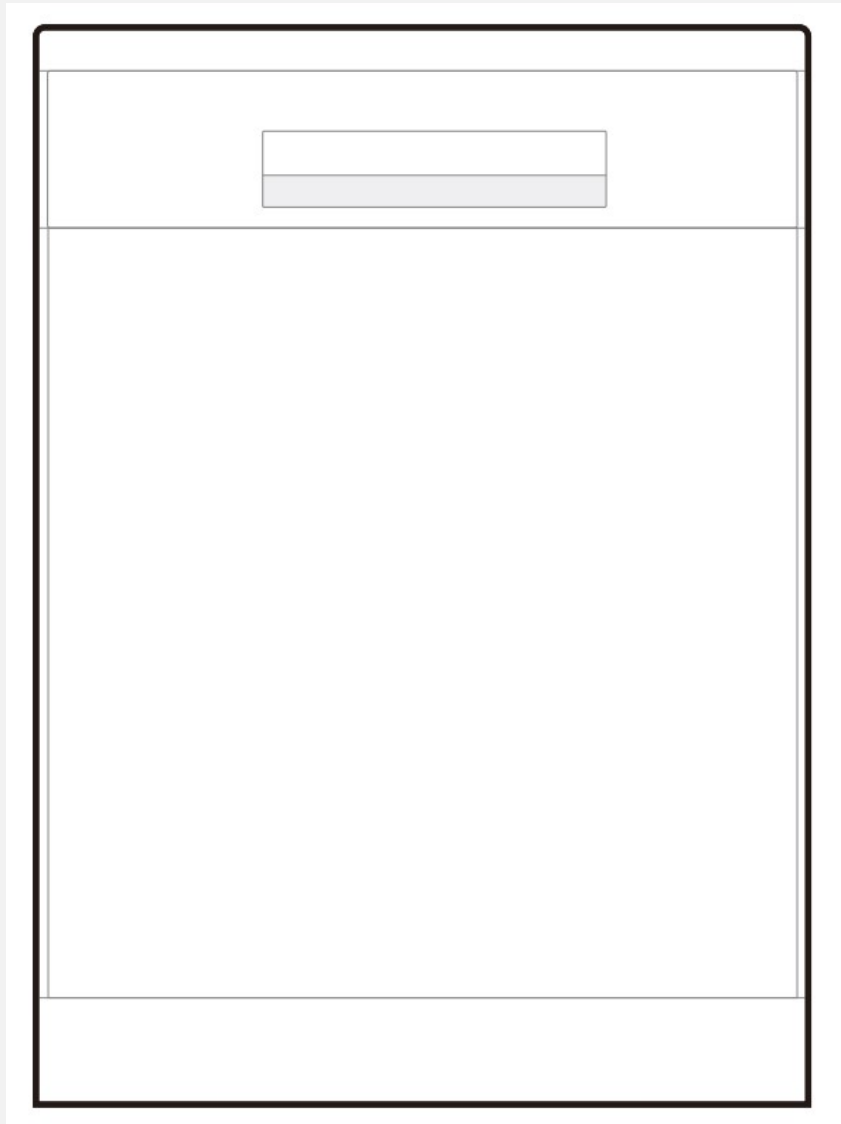




Dishwasher E5 Series

End User Service Manual

Note: All pictures and figures shown in this manual are for illustration purpose only and may not be an exact representation of the product. Actual products may vary based on model configuration.

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1. PRECAUTIONS

This Service Manual is intended to support the end-user in repairing their appliance. It contains information on replacing certain spare parts, including hazard prevention and operation procedure.

For repairs, especially those involving electrical or mechanically complex components, it is recommended to consult a qualified repair service (e.g., a professional repairer, certified dealer or an authorized customer service center). Spare parts and information on repair and maintenance may be intended for professional repair services only. The manufacturer is not liable for damage caused by an unauthorized person. Failure to comply with these instructions will void the warranty.

1.1. GENERAL INSTRUCTIONS

- Carefully reading will protect you and prevent damage to your appliance. An improper repair or troubleshooting can cause personal injuries and damage to your product or your property.
- Use original manufacturer's spare parts.
- At least two people should work when working with heavy products.
- Although every care has been taken to ensure this appliance has no burrs or sharp edges, we recommend that you wear protective gloves when installing and moving this appliance.
- Keep children away from the operating area to prevent accidental contact with internal mechanical components.

1.2. HAZARD PREVENTION AND PROTECTION MEASURES

- When replacing low-voltage components safety procedures must also be strictly followed.
- Do not modify any kind of circuit, which is not described in service manual for end-user.

- Do not touch electrical components with wet hands and avoid touching electronic modules/connectors with bare hands.
- Wait for the appliance and surfaces to cool down before servicing. If needed, only empty the water from the pump outlet once it has cooled down.
- Completely remove any dust or foreign material from the housing, wiring and connection parts. This will prevent a risk of fire due to tracking and shorts in advance.
- Keep all the labels on the product intact. Do not tear or alter them.

1.3. OPERATION PROCEDURES

Before Servicing

- Always disconnect the appliance by removing the power supply plug out of the socket.
- Always pull at the power plug, not at the power cord. Never pull out power plug with wet hands.
- Always close the water tap before servicing.

- Check the power cord, plug and socket. If damaged, contact our authorized customer service center for replacement. Failing to do so may result in electric shock or fire.

While Servicing

- If you need to place the unit on its back for servicing purposes, place a support on the floor and lay it down carefully so its side is on the floor. Do not lay it down on its front.
- When connecting wires, ensure that the wiring cannot be damaged by any sharp edges or moving parts. Check that they are properly connected.
- Do not touch moving mechanical parts.

AFTER SERVICING

- Confirm that the wiring is firmly connected and there is no damage.
- After servicing, do not operate your appliance unless all enclosure panels are properly in place.
- Place the appliance back to original area and ensure that it's well-ventilated.

2. EXPLANATION OF SYMBOLS

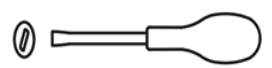
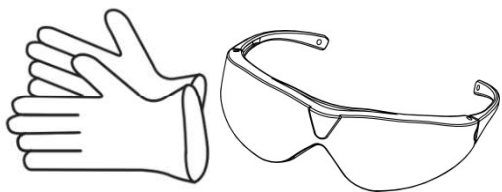
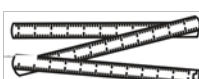
Using the following pictograms aims to more prominently remind customers to pay attention.

SYMBOL	MEANING
	Danger This symbol indicates that there are dangers to the life and health of persons due to extremely flammable gas.
	Warning of electrical voltage This symbol indicates that there is a danger to life and health of persons due to voltage.
	Warning The signal word indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.
	Caution The signal word indicates a hazard with a low degree of risk which, if not avoided, may result in minor or moderate injury.
	Attention The signal word indicates important information (e.g. damage to property), but not danger.
	Observe instructions This symbol indicates that a service technician should only operate and maintain this appliance in accordance with the operating instructions.

3. RECOMMENDED TOOLS AND AUXILIARY MATERIALS

Some or all of these tools may be required. It is recommended to use insulated screwdrivers and anti-static gloves.

If you don't have the tools shown in the diagram at home, you can substitute similar tools instead.

NO.	Tools / Auxiliary materials	Schematic diagram
1	Screwdriver	 
2	Personal Protective Equipment	
3	Spirit Level / Ruler	 

4. SELF-REPAIR

If spare parts for self-repair are necessary, please contact our authorized customer service center. The respective hotlines are noted in the warranty card, provided with the product.

5. ADJUST OR REPLACE PARTS

5.1. Replace the tub seal

Check if the door seal is cracked or if there is water seeping out from the edge of the door seal strip.

General method to replace the door seal:

TOOLS: Personal Protective Equipment.



CAUTION: Take safety precautions during operation to avoid the dishwasher tipping over.

a) Pull the door seal out from the bottom.



NOTE:

Remove all the baskets from the dishwasher for easier operation.



(Image for reference only)

b) Install the top sealing strip

Put some water on new tub seal to assemble it easily.

Fold the new sealing strip in half and press it in from the middle of the top sealing frame.



CAUTION:

Please pay attention to the installation direction. If it is assembled in reverse, it may cause leakage of steam or water.



Towards the inner tub side

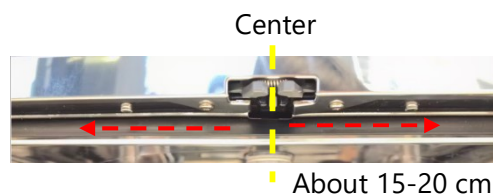
Insert to bracket seal tub

(Image for reference only)

c) Pre-compression

Assemble the tub seal to center of the bracket seal tub.

Press seal about 15-20 cm (red dotted line) on both sides based on the center line.



(Image for reference only)

d) Install the bottom seal

Put Seal in the left & right side of the bottom.



NOTE:

The folded seal is about 3~4 cm long.



(Image for reference only)

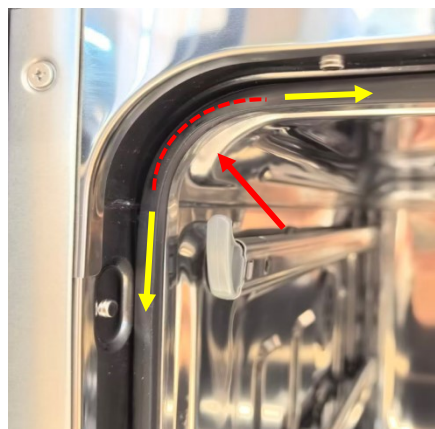
e) Press the seal

Press the seal from the top corner toward remaining side.



CAUTION:

Pay attention to assemble not to deform the seal tip at the corner. If the gap is opened, it may cause steam leakage.



(Image for reference only)

5.2. Cleaning or Replacing the Spray Arms

It is necessary to clean the spray arms regularly for hard water chemicals will clog the spray arm jets and bearings.

If the spray arm cracks, please replace the spray arm.

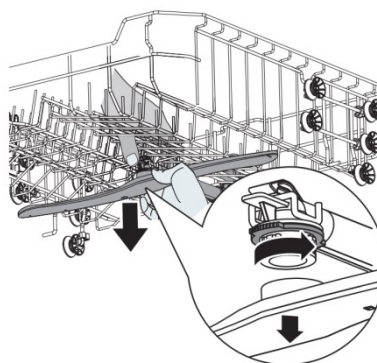
General method to clean or replace the spray arm:

TOOLS: Personal Protective Equipment.

a) Remove the upper spray arm

Remove the baskets which need to repair from the dishwasher.

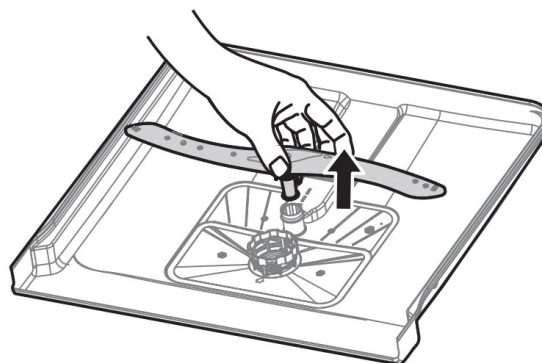
Grasp the upper locking pin, and with the other hand, hold the spray arm and rotate it in the direction of the arrow to remove the spray arm.



(Image for reference only)

b) Remove the lower spray arm

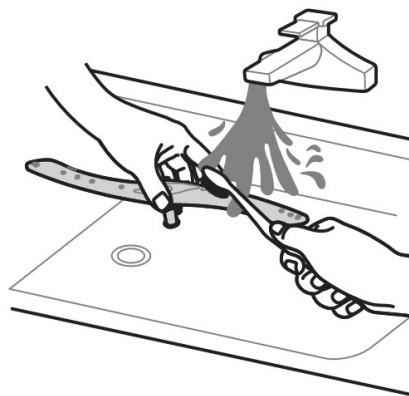
Grasp the center of the spray arm and pull it up.



(Image for reference only)

c) Wash the lower or upper spray arm

Wash the arms in soapy and warm water and use a soft brush to clean the jets.



(Image for reference only)

Installation: Install in reverse order.

5.3. Cleaning or Replacing the Drain Filters

Check the condition of the filters regularly, carefully remove foreign objects and clean the parts of the filtering system if necessary with water.

If the drain filter is severely clogged or damaged, please replace.

General method to replace the drain filter.

a) Remove the Drain Filters

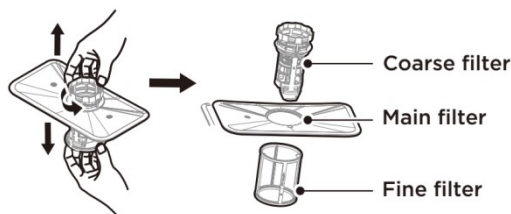
Hold the coarse filter and rotate it anticlockwise to unlock the filter. Lift the filter upwards and out of the dishwasher



(Image for reference only)

b) Disassemble the Drain Filter

The fine filter can be pulled off the bottom of the filter assembly. The coarse filter can be detached from the main filter by gently squeezing the tabs at the top and pulling it away.



(Image for reference only)

c) Clean the Drain Filter

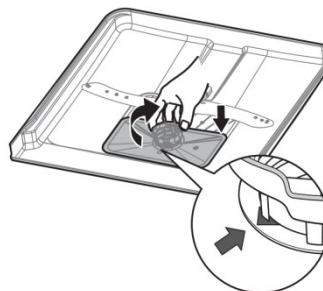
Larger food remnants can be cleaned by rinsing the filter under running water. For a more thorough clean, use a soft cleaning brush.



(Image for reference only)

d) Reassemble the Drain Filter

Reassemble the filters in the reverse order of the disassembly, replace the filter insert, and rotate clockwise to the close arrow.



(Image for reference only)

5.4. Replacing the Cutlery Rack

If you need to replace the Cutlery Rack please refer to the following method.

TOOLS: Personal Protective Equipment.



NOTE: Cutlery is an optional accessory, please refer to the actual machine configuration for accuracy.

a) Remove the cutlery (If applicable)

Pull in the direction of the arrow to remove the cutlery.



(Image for reference only)

Installation: Install in reverse order.

5.5. Replacing or adjusting the Upper basket

The height of the upper basket can be easily adjusted to accommodate taller dishes in either the upper or lower basket.

If you need to replace the upper basket, please refer to the following method.

TOOLS: Personal Protective Equipment.



NOTE: Basket is an optional accessory, please refer to the actual machine configuration for accuracy.

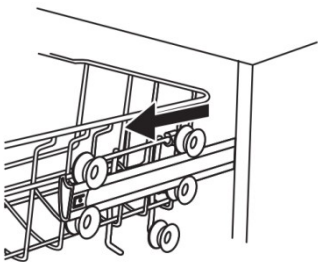
For manually adjustable dish baskets

a) Adjust the height of the upper rack

Pull out the upper basket.

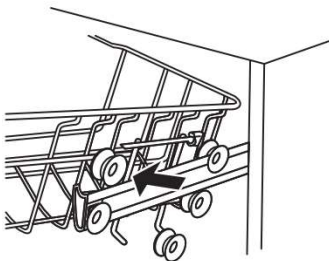


NOTE:
When adjusting the dish rack, it is recommended to remove all tableware to prevent them from falling out during the adjustment process.



Lower position
(Image for reference only)

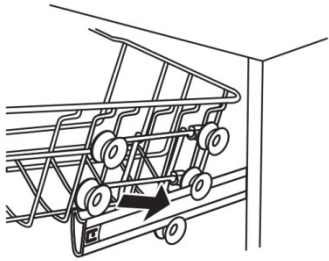
b) Remove the upper basket



(Image for reference only)

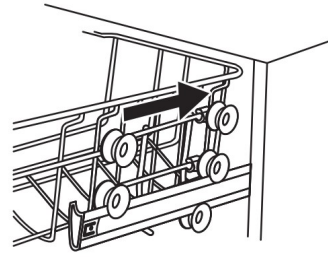
c) Re-attach the upper basket to upper or lower rollers.

If you need to replace the dish rack, please do so at this step.



(Image for reference only)

d) Push in the upper basket.

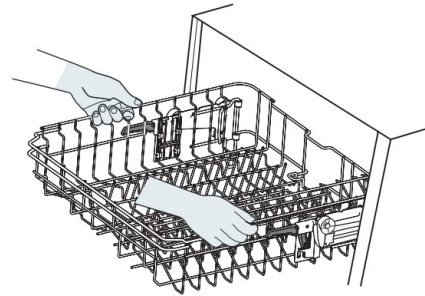


Upper position
(Image for reference only)

For bowl baskets with adjustable handles

a) Raise the upper basket

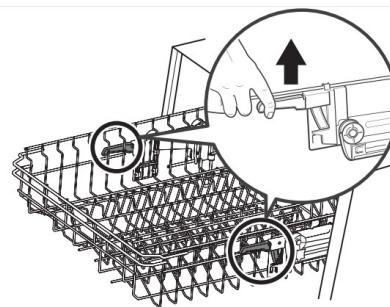
just lift the upper basket at the center of each side until the basket locks into place in the upper position. It is not necessary to lift the adjuster handle.



(Image for reference only)

b) lower the upper basket

lift the adjust handles on each side to release the basket and lower it to the lower position.



(Image for reference only)

5.6. Replacing the Top Plate Assembly

General method to replace the Top Plate Assembly. **(If applicable)**

TOOLS: Screwdriver(+) and Personal Protective Equipment.



CAUTION: Be sure to remove the power plug and water supply before servicing.

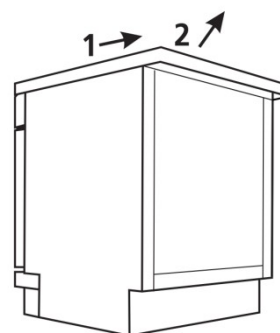
a) Remove the 2 screws



(Image for reference only)

b) Remove the Top Plate Assembly

Pull the top plate assembly backward to release hooks, and take it off upward.



(Image for reference only)

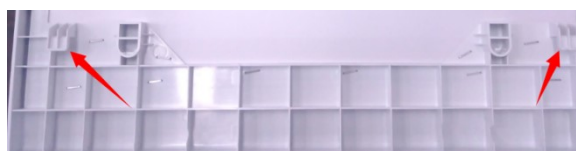
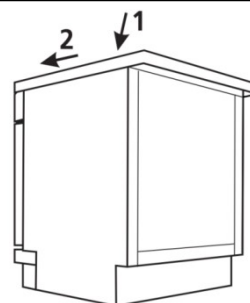
c) Assemble the new Top Plate Assembly

Fit the top plate assembly on the top of dishwasher, and push it forward to assembly.



NOTE:

Pay attention to lock the hooks (top plate assembly) to the tube frame.



(Image for reference only)

d) Fasten the 2 screws



(Image for reference only)

5.7. Tension adjustment of the door spring

The door springs are set at the factory to the proper tension for the outer door. If you need to adjust the door spring, please follow the steps below for the adjustment.

TOOLS: Screwdriver(+ & -) and Personal Protective Equipment



CAUTION: Before adjusting, make sure the dishwasher is securely fixed to prevent the door spring from being adjusted too tightly, which could cause the door to rebound rapidly or tip over.

For the built-in dishwasher

a) Adjust the door spring tension

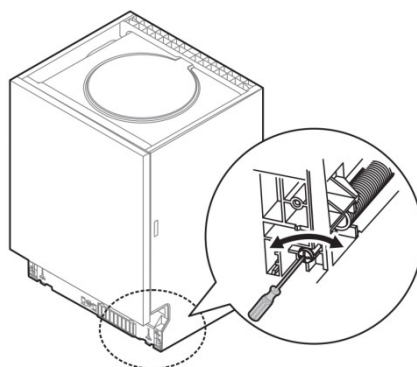
Rotate the adjusting screw to drive the adjustor to strain or relax the steel cable.

Clockwise direction is for tightening.

b) Repeat the same operation on the other side.

c) The correct state

The door remains horizontal in the fully opened position, yet rises to a close with the slight lift of a finger.



(Image for reference only)

For the freestanding dishwasher

a) Open the door

b) Remove the two screw of skirt board

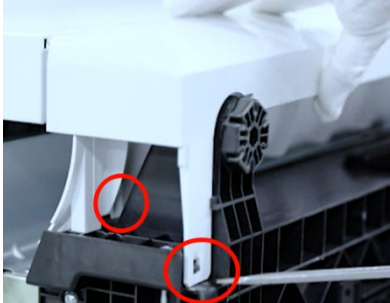
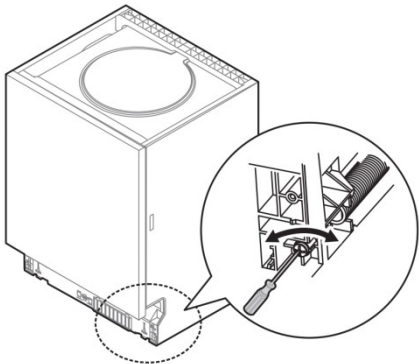


NOTE:

Be careful not to scratch the exterior door and baseboard with the screwdriver.



(Image for reference only)

c) Remove the inner basket from the dishwasher. d) Lay the machine back,.  CAUTION: Being careful not to injure yourself. e) Remove the two screws shown in the picture.	 (Image for reference only)
f) Use a flathead screwdriver to pry open the two latches shown in the picture. g) Repeat the same operation on the other side.	 (Image for reference only)
h) Adjust the door spring tension Rotate the adjusting screw to drive the adjustor to strain or relax the steel cable. Clockwise direction is for tightening. i) Repeat the same operation on the other side. j) The correct state The door remains horizontal in the fully opened position, yet rises to a close with the slight lift of a finger. Installation: Install in reverse order.	 (Image for reference only)

5.8. Levelling for the dishwasher

Dishwasher must be level for proper dish rack operation and wash performance.

TOOLS: Screwdriver(+&-), Spirit Level and Personal Protective Equipment



CAUTION: Before adjusting, make sure the dishwasher is securely fixed to prevent the dishwasher tip over.

For the built-in dishwasher

a) Place a spirit level

Place a spirit level on door and rack track inside the tub as shown to check that the dishwasher is level.

b) Adjust the three levelling feet

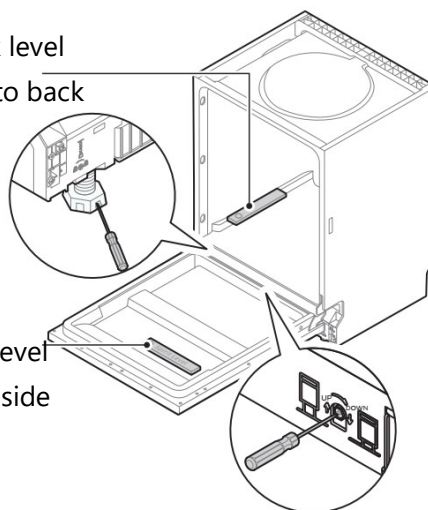
Level the dishwasher by adjusting the three levelling feet individually.



CAUTION:

The maximum adjustment height of the feet is 50 mm for Built-in dishwasher.

Check level
front to back



Check level
side to side

(Image for reference only)

For the freestanding dishwasher

a) Adjust the levelling feet

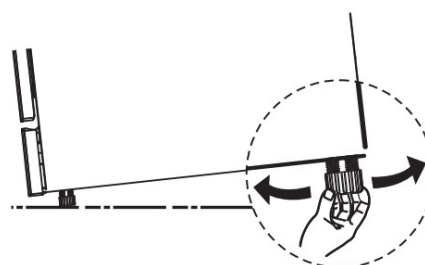
the height of the dishwasher may be altered via adjustment of the screwing level of the feet.

In any case, the appliance should not be inclined more than 2°.



CAUTION:

The adjustable feet on a freestanding dishwasher are only used for leveling.



(Image for reference only)