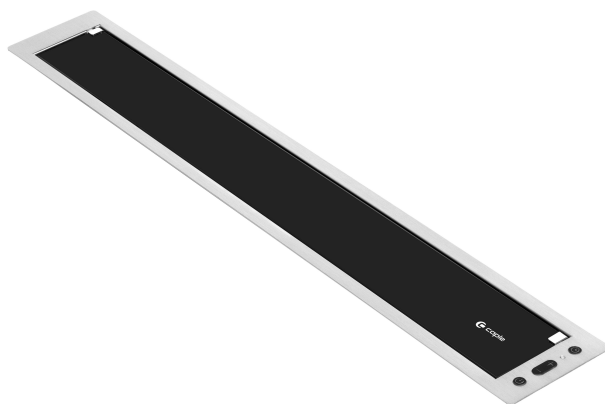




# Instruction manual for downdraft hood

Model codes: DD903BK



Contact Caple on 0117 938 7420 or for spare parts [www.caple.co.uk](http://www.caple.co.uk)

# TO THE ATTENTION OF THE USER

The DD903BK is designed so it can be either externally ventilated or re circulated.



## WARNING



**Keep these instructions for use with the appliance. If the appliance should be sold or passed on to others, make sure that the instructions are passed on with it. We thank you for taking note of these suggestions before installing and using the appliance. They have been written for your personal safety and the safety of others.**

## SAFETY INSTRUCTIONS

These hoods have been designed for personal use in the home. The appliance must be used by adults. Make sure that the appliance is out of reach of children and that they do not use it to play with. Make sure that children do not operate the controls.

- When the appliance is delivered, check the overall appearance of the packaging. Any remarks should be written on the delivery note, of which you sign and keep a copy. Your appliance is designed for normal domestic use. It is not designed for commercial or industrial use, or for purposes other than those for which it was designed.

- Any consequences of or damage from incorrect installation or incorrect use of the appliance will not be covered by the manufacturer's guarantee.

- Do not ever change or try to change the characteristics of this appliance. This would be a danger. Repairs must be performed only by an authorised Caple engineer. Always disconnect the hood before carrying out cleaning or maintenance operations.

- Adequately ventilate the room when a cooker hood and other appliances, powered by energy other than electricity, are used simultaneously, so that the hood does not suck any combustion fumes.

- It is not allowed to cook food over open flames (flambé) or operate gas hobs without pots or pans on them under the hood itself (the flames sucked into the hood might damage the appliance).

- Frying next to the appliance must be done under constant supervision as hot oils and fats may ignite. Respect the guidelines for cleaning and replacement of grease filters. Accumulated deposits of grease are a fire hazard.

- This appliance must not be used over cook tops powered by wood or coal or in any case, over cook tops with power levels that could damage the appliance. Never use steam or high-pressure devices for cleaning your hood (regulations regarding electrical safety).

- Never use the cooker hood without the grease filters.

**The product is not designed for the installation with gas hob.**

Constantly seeking to improve our products, we reserve the right to modify their technical, functional, or aesthetic characteristics.

In the case of the version with external motor, for normal downdraft operation, it is necessary to use an external motor made by the same manufacturer. The air collected must not be conveyed into a flue used for smoke or fumes from appliances powered by anything other than electricity (central heating systems, etc.). As far as discharging exhaust air is concerned, please follow the guide-lines given by competent authorities.

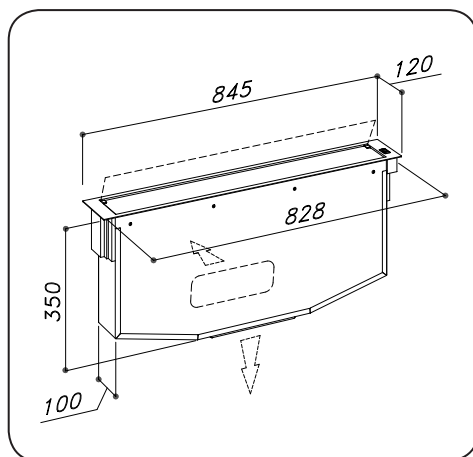
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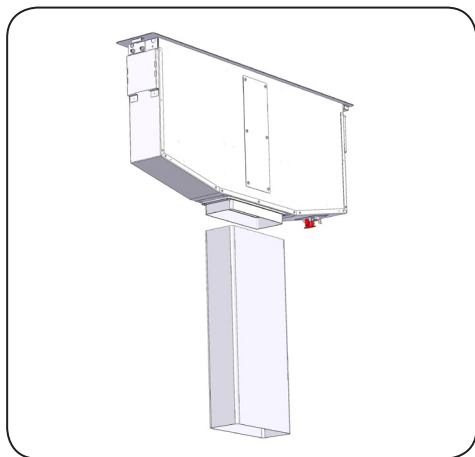
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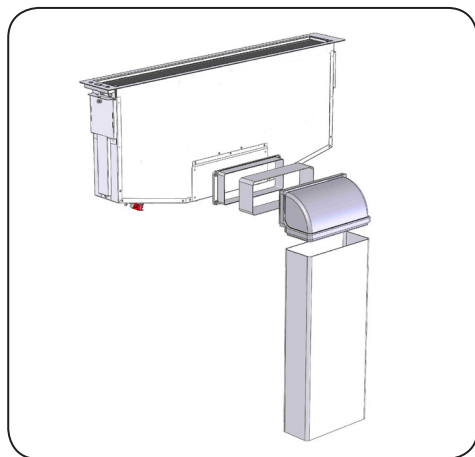
## DESCRIPTION OF THE APPLIANCE



LOWER AIR OUTLET  
(Supplied pipe)



BACK AIR OUTLET  
(Fitting supplied)



# INSTALLING THE DOWNDRAFT

1. Before carrying out the appliance installation, please check that all components are not damaged, in such a case contact your retailer and do not carry out any installation operation. Furthermore, please read carefully all of the following installation instructions.

- Use an air exhausting pipe whose maximum length does not exceed 5 meters.
- Limit the number of elbows in the piping, since each elbow reduces the air capacity of 1 linear meter. (Ex. : if you use no. 2 x 90 ° elbows, the length of piping should not exceed 3 meters).
- Avoid abrupt direction changes.,
- Use a 150 mm. constant diameter pipe for the whole length.
- Use piping approved by standards in force.

The manufacturer shall not be deemed responsible for air capacity or noise problems caused by failure to comply with the above instructions and no warranty on the product shall be provided.

2. Before making the worktop cutout, check that there are no structures or other parts inside the cabinet, where the appliance is to be placed, which could hinder a proper installation. Check that the dimensions of the Downdraft and the ones of the hob are compatible with the cabinet so that the installation can be carried out properly.
3. Make a rectangular opening, 102x832mm in size, in the worktop behind the hob. Fit the Downdraft in the opening, by inserting it from above as shown in (Fig. 1).
4. Secure the product inside the furniture by using the specific brackets provided. Proceed to the installation of the brackets in the sides of the product, in the specific hooks, as shown in fig.2. Then tighten the screws, as in fig.3, to secure the product to the furniture. Before tightening the screws, make sure that the product is perfectly balanced.

5. If the Downdraft is equipped with external motor, place the intake unit (external motor) and settle the exhaust air duct. See the installation diagram: with DDMEXT20 or DDMEXT30 Figure 9; with DDMEXT27 Figure 10;

In case of installation with DDMEXT20 or DDMEXT30 it is recommended to use the fittings and pipes provided with the kit. INSTALLATION KIT WITH DD903BK (See fig. 9).

Then fit the air outlet ducts between the external motor and the downdraft. Select the air outlet among the two available options and fit the union supplied with the appliance. If you intend to use the rear exit air, you will first have to remove the flange from downdraft, install the product in the furniture then restore the flange as shown in fig. 4

6. Place the metal box containing the electronic components in an easily reachable area for possible technical assistance and connect the related connectors (fig. 5).
7. If the Downdraft is equipped with external motor, connect the motor unit cable to the specific terminal board found in the plastic box shown in fig. 6,
8. Power the downdraft.
9. After completing the installation and connecting the appliance to the power supply, activate the downdraft as indicated in the "HOW THE DOWNDRAFT WORKS" section. Place the charcoal filters, if the appliance is used in the recirculation mode (charcoal filters are supplied separately, CAP66CF X 2), behind the grease filters (see fig. 7), and then settle the front glass by sticking the magnets into the specific seats.

## HOW TO USE THE DOWNDRAFT

This appliance is intended to extract cooking fumes, greases and vapours. It has been designed to work in either ventilation mode or in recirculation mode.

### Ventilation mode

The cooker hood can be installed in this mode with outside discharge of extracted air: in this case it is necessary to connect the ducting channel to the outside wall (ducting pipes are not supplied with this product).

### Recirculation mode

In case fumes and vapours cannot be extracted outside, the appliance can be used in recirculation mode.

2 x CAP66CF charcoal filters are required for this type of cooker hood. these can be purchased directly from [www.caple.co.uk](http://www.caple.co.uk)

Clean air is then recycled back into the room via a ventilation slot in the kitchen plinth.



## CAUTION



**Installation must comply with the regulations in force regarding the ventilation of enclosed environments. The use of discontinued ducts is not allowed without the approval of a qualified technician.**

### REMOVAL OF GREASE FILTER, MOUNTING THE CHARCOAL FILTERS

The assembly and disassembly of grease filters and charcoal filters must be made with the downdraft in the open position. For this, actuate the opening of the glass as indicated by the operation section. Inhere the grease filters as shown in figure 7, in the case the charcoal filters are necessary, install these first as shown in figure 7.

## ELECTRICAL CONNECTION OF THE DOWNDRAFT



## WARNING



**Place the metal box containing the electronic components at a distance of no less than 65 cm from hobs or in any case, 65 cm from the suctioning surface of the cooker hood.**



## NOTE



**We recommend installing the metal box containing the electronic components at least 10 cm above floor level and at a suitable distance from all heat sources (e.g. oven sides or hobs).**



## CAUTION



**This appliance is fitted with an H05 VVF 3 conductor, 0.75 mm<sup>2</sup> (neutral, phase, and ground) power cord.  
This can be connected up to a 220 - 240 V mono-phase electrical network through a CEI 60083 approved power socket, which must remain accessible after installation, in compliance with installation regulations.  
We decline any responsibility in case of accidents caused by a lack of ground connection or incorrect ground connection. The appliance must be fed through a differential protection device (RCD), with a nominal residual current not exceeding 30mA. If the power cord is damaged, call Caple service to avoid any risk.**



## WARNING



The downdraft connection to the electrical network must be carried out only by professional and qualified technicians. The downdraft must be connected to a properly installed and suitable electrical network. The electrical system must comply with VDE0100 standard.



## DANGER



If the cooker hood presents any anomaly, disconnect the appliance or remove the fuse corresponding to the appliance power disconnecting line.

If the appliance has no plug or if the plug is not easily accessible, then a device needs to be fitted to cut it off from the electric network; this device must have an opening distance between contacts on all poles of at least **3 mm**.

## ELECTRICAL CONNECTION



## NOTE



This appliance complies with the European Directives 2014/35/EU (Low Voltage Directive) and 2014/30/EU (Electromagnetic Compatibility).

While installing the appliance and carrying maintenance operations, make sure it is disconnected from the electrical network or the fuses are cut out or removed.

Check that:

- Power is enough.
- Feeder lines (mains) are in good conditions.
- The cables diameter complies with installation regulations.

## HOW THE DOWNDRAFT WORKS

### 6- key push button panel (fig. 8)

A: 10 minutes timer, after which the motor is turned off and the top panel is closed.  
The setting of the function is signaled by indicator flashing speed (B).

B: the motor speed indicator.

The LED gives off four different colors, depending on the set speed.

First speed color: **WHITE**

Second speed color: **GREEN**

Third speed color: **BLUE**

Fourth-speed color: **RED**

C: the key is only active with open top (45° 90°).  
For each selection of the function there is an increase of the motor speed, up to the fourth speed.

D: the key is only active with open top (45° 90°).  
Each time you select the function you have a speed decrease of the motor, up to the first speed.

**E: When the product is switched off, the first touch activates the front until it reaches the intermediate opening of 45°.**

**As the intermediate opening is reached, the motor is automatically set to the 2nd speed.**

**Another press will start full opening (90°) of the front, maintaining the speed of the motor.**

**Another press will stop the motor and completely close the top.**

### AS THE HOOD WORKS

- With front opened at 45°, holding down the E button for 3 consecutive seconds, the front is closed and the vacuum motor shuts down.

- With closed front, holding down the E button for 3 consecutive seconds, the front opens by 90° and the suction motor is activated at the second speed.

### TIMING

As a result of the new EU65 “Energy label” and EU66 “Ecodesign” regulations issued by the European Commission, which came into force as from January 1st, 2015, our products have been adapted to comply with these new requirements.

All of the models complying with the energy label requirements, are equipped with new electronics including a timer device for suction speeds control, when the air capacity exceeds 650m³/h.

Internal motor models, with maximum air capacity higher than 650m³/h, are equipped with a timer device that automatically switches the suction speed from 4th to 3rd speed, after 6 minutes operation.

External motor models are equipped with remote motors that, as for internal motor versions, include a timer device that switches down the suction speed when it exceeds 650 m³/h. (See External Motors Instructions)

Remote motors, whose air capacity exceeds 650m³/h at both 4th and 3rd speed, will have the following by default timer control functions:

The suction speed is automatically switched from 4th to 2nd speed, after 6 minutes operation.

If the appliance is working at 3rd speed, it is automatically switched to 2nd speed, after 7 minutes operation. Operation speeds can also be changed during operation.

The energy consumption of the appliance in stand – by mode is lower than 0.5W.

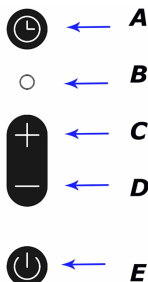
### Other functions:

Automatic turn off:

After 4 hours of continuous operation from the last setup, the appliance turns off automatically.

Grease filters saturation:

After 30 hours of operation, the speed indicators “D” will all flash simultaneously, signaling the grease filters saturation. To reset this alarm, hold the “TIMER” button down for at least 3 seconds, while the extractable unit is open.





## CLEANING THE DOWNDRAFT


Careful maintenance ensures proper operation and good performances over time.



**CAUTION**



The hood must be disconnected from the electrical network, both by unplugging the appliance from the socket and activating the magnetic circuit breaker (safety cut-out), before removing the metal grease filters. After cleaning operations, replace the metal grease filters as outlined in the installation instructions.

MAINTENANCE	HOW TO PROCEED?	ACCESSORY PRODUCTS TO USE
<b>Cleaning external surfaces and accessories</b>	Do not use metallic scrubbers, abrasive products, or hard brushes.	To clean the external surfaces of the cookerhood and the light housing screen use only commercially available household detergents diluted in water. Then rinse with clean water and dry with a soft cloth.
<b>Grease filter</b>	After 30 hours of operation, the downdraft will signal the grease filter saturation. Saturation is indicated by flashing RED color LED speed indicator, when the cooker hood is off. To reset, hold down the timer button  for at least 3 seconds, while the hood is OFF.	The grease filters can be washed by hand or in the dishwasher. These filters need to be cleaned on a regular basis, because otherwise they may represent a fire risk. Refit the grease filters and front panel, making sure that the pan is properly fitted at the sides so that it does not cause the downdraft to stop operating.
<b>Activated charcoal filter</b>	In the recirculation mode, the active charcoal filter must be replaced periodically. To remove the charcoal filter first of all it is necessary to remove the grease filter and then pull the plastic key of the panel itself, in order to disengage it from its seating. Follow these steps in reverse order to insert the replacement charcoal filter. Replace the used charcoal filter on an average of every six months.	This downdraft requires 2 x CAPP66CF charcoal filters. these can be purchased directly from our website shop @ <a href="http://www.caple.co.uk">www.caple.co.uk</a>

## TROUBLESHOOTING

PROBLEM	SOLUTION
<b>The cooker hood does not work...</b>	Check that: <ul style="list-style-type: none"><li>• There is not a power outage.</li><li>• A specific speed has actually been selected.</li><li>• The red reset key, found over the electrical system box, is pushed.</li></ul>
<b>The cooker hood has low performances...</b>	Check that: <ul style="list-style-type: none"><li>• The motor speed selected is sufficient for the quantity of fumes and vapors present in the room.</li><li>• The kitchen is ventilated well enough to allow air for intake.</li><li>• The charcoal filter is not worn out.( filtering version cooker hood).</li><li>• The air outlet channel is free and compliant with paragraph no. 2.</li><li>• The non-return valves of the suctioning unit are free to rotate.</li></ul>
<b>The cooker hood stops in the middle of operation.</b>	Check that: <ul style="list-style-type: none"><li>• There is not a power outage.</li><li>• The omnipolar device has not tripped.</li></ul>

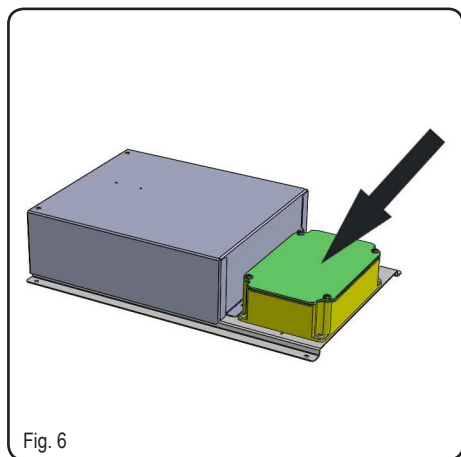
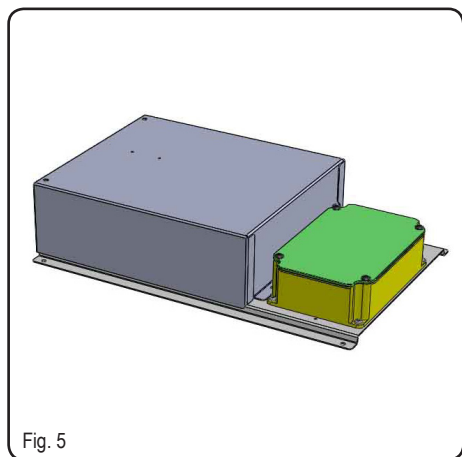
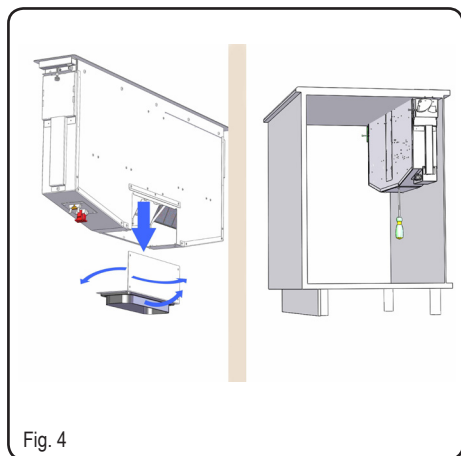
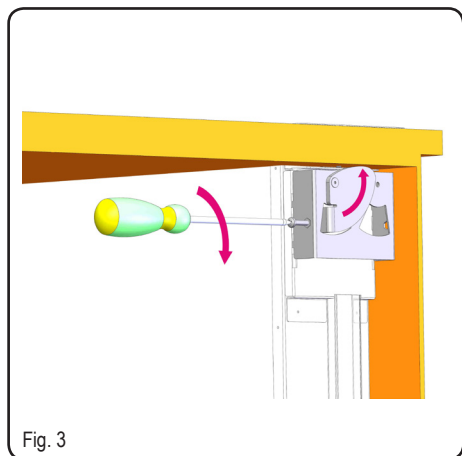
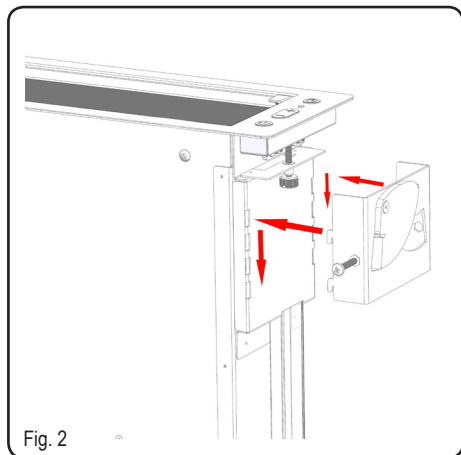
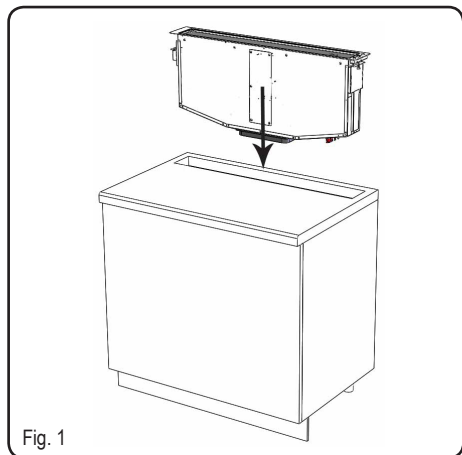
## AFTER SALES SERVICE

Any maintenance operation required on your appliance should be carried out by either:

- Your retailer
- An authorised Caple engineer or similar qualified person.

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# IMAGES



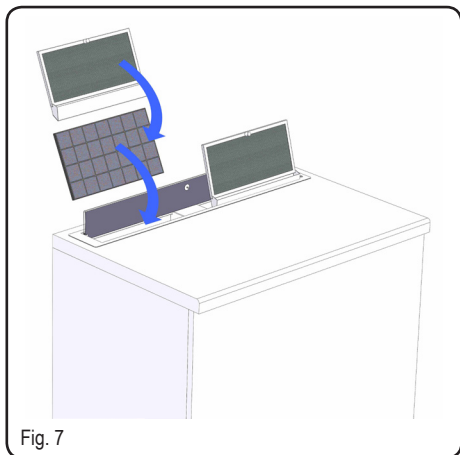


Fig. 7

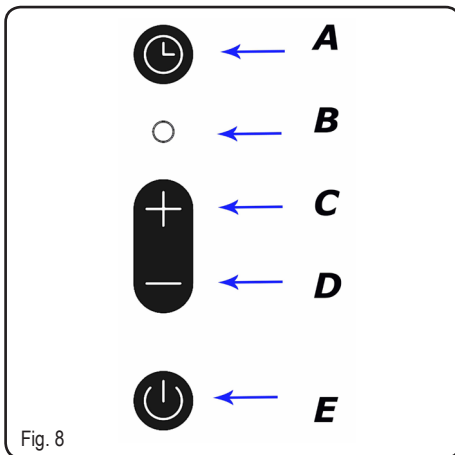
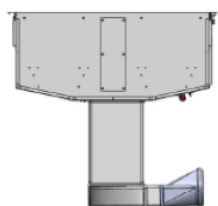


Fig. 8

DD903BK WITH DDMEXT20 OR DDMEXT30 MOTOR



DDMEXT20



DDMEXT30

Fig. 9

DD903BK & DDMEXT27 (plinth motor)

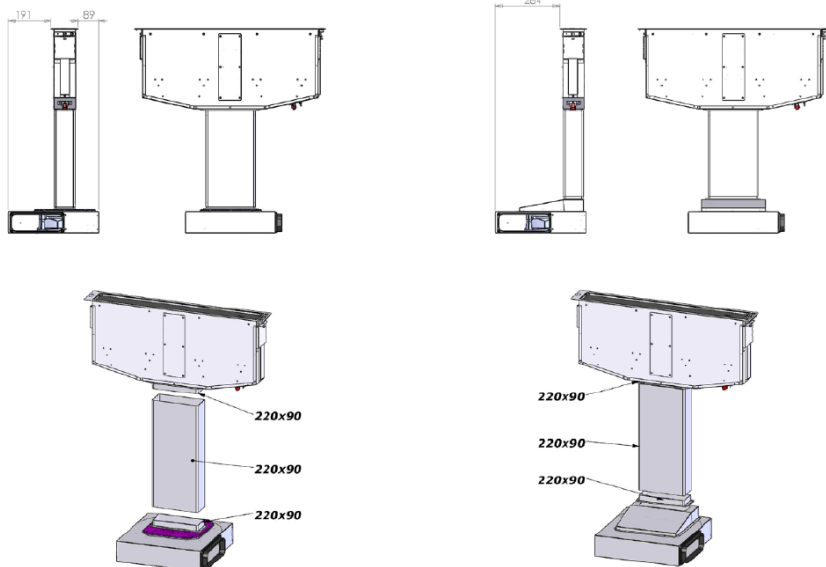


Fig. 10

The components shown in this diagram are supplied with either the DD903BK or DDMEXT27

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Please keep this instruction manual for future reference

