

# BUSH

## Customer Service Manual

### Fridge Freezer

MSBSWTDB23E

MSBSWTDW23E

MSBSWTDX23E



# Customer service manual

## BUSH AMERICAN FRIDGE FREEZER

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#### **Precautions:**

Always follow safety advice.

Always switch off and unplug the appliance before attempting to remove any part.

Always wear appropriate protective equipment when carrying out any work.

Always use the correct tools for carrying out any work.

Some repairs may not be suitable for unqualified users to carry out. If in doubt seek the advice of a profession repairer.

<b>Precautions</b>	<b>Applicable models</b>	<b>EN</b>
	<b>General</b>	

Symbol	Meaning
 <b>WARNING</b>	Indicates possibility of death or serious injury of a repair technician and a person nearby through the misconducted work, or of a user by a defect of the product after the work performed by the technician.
 <b>CAUTION</b>	Indicates possibility of injury or physical damages* of a repair technician and a person nearby through the misconducted work, or of a user by a defect of the product after the work performed by the technician.

\* Means secondary damages of property, furniture, domestic animal and pet.

Symbol	Meaning
 <b>ELECTRIC SHOCK</b>	Indicates a caution (including a warning). Specific instruction is followed by a graphic or characters in or near. Symbol left warns an electric shock.
 <b>DO NOT DISASSEMBLE</b>	Indicates prohibition (act must not be conducted). Specific instruction is followed by a graphic or characters in or near. DO NOT Symbol left warns not to disassemble.
 <b>UNPLUG</b>	Indicates forcing (act must be conducted). Specific instruction is followed by a graphic or characters in or near. Symbol left warns to unplug the power cord.

Symbol	Meaning
 <b>OUT OF CHILD</b>	Advise the customer to keep children out of the workplace. Children may be injured with a tool or a disassembled part.
 <b>UNPLUG POWER</b>	Unplug power cord for the work such as disassembling which is not necessary to power on. Do not hold the plug by a wet hand. Failing to unplug may cause an electric shock.
 <b>USE REPAIR PARTS</b>	Use the specified repair parts when repairing the product. Otherwise, a malfunction or a defect may occur. Also, a short circuit, ignition or other danger to the customer may occur.

<b>Precautions</b>	<b>Applicable models</b>	<b>EN</b>
	<b>General</b>	

<b>WARNING</b>		
 <b>CHECK INSULATION RESISTANCE</b>	<p>After repair, measure insulation resistance between the charging part (power cord plug) and the non-charging metallic part (ground) with an insulation resistance meter (500V). The resistance shall be 10M or more.</p> <p>Failing to check the insulation resistance may cause a short circuit, electric shock or other diseases to the customer.</p>	
 <b>DO NOT MODIFY</b>	<p>Do not modify the product.</p> <p>An electric shock or ignition may occur.</p>	
 <b>DO NOT MODIFY</b>	<p>Only a repair technician can disassemble and repair.</p> <p>An electric shock, ignition or malfunction may cause injury.</p>	
 <b>USE EXCLUSIVE SOCKET</b>	<p>Use an exclusive 230VAC/13A socket for the appliance.</p> <p>Otherwise, an electric shock or ignition may cause. Sharing the same socket with other instrument causes heating of a branch socket and result in a fire.</p>	
 <b>CONNECT GROUNDING WIRE</b>	<p>Connect the grounding wire.</p> <p>Failing to do so may cause an electric shock when a short circuit occurs.</p> <p>Consult an electric workshop or a sales shop.</p>	
 <b>DO NOT USE WET PLACE</b>	<p>Do not install in a bathroom or a place exposed to wind or rain.</p> <p>An electric shock or a short circuit may cause a fire.</p>	
 <b>DO NOT SPLASH WATER</b>	<p>Do not pour or immerse electrical parts into water or liquid solution.</p> <p>An electric shock or ignition may occur.</p>	
 <b>REMOVE DUST</b>	<p>Wipe off dust adhered to the plug of power cord. Dust may cause a fire.</p>	
 <b>AVOID INFLAMMABLE</b>	<p>Do not put inflammable into the appliance.</p>	

<b>Precautions</b>	<b>Applicable models</b>	<b>EN</b>
	<b>General</b>	

**WARNING**

 <b>MECHANICAL INJURY</b>	<ul style="list-style-type: none"> <li>• Protective gloves and shoes are required during disassembling and assembling.</li> <li>• If levering or cutting operations are required, no part of the human body should be in the tool's range of motion.</li> <li>• In order to prevent accidental injury, two technicians are recommended during door disassembly and assembly. If working alone, tape the door shut prior to removing hinges to prevent the door from falling.</li> <li>• After disassembling, heavy COMPONENTS (such as doors) should be placed properly to prevent injuries due to falling parts.</li> </ul>
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<b>Tools for Disassembly and Reassembly</b>	<b>Applicable models</b>	<b>EN</b>
	<b>General</b>	



TOOLS



8mm Inner Hexagon Spanner



10mm Inner Hexagon Spanner



6x300 Slotted Screw Driver



6x300 Cross-head Screw driver



2x100 Slotted Screw Driver

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<b>Replacement of Door Hinge Cover</b>	<b>Applicable models</b>	<b>EN</b>
	General	

**Step 1**

Unscrew hinge cover.



**Step 2**

Remove the cover.



**Step 3**

Disconnect the terminal  
in top hinge cover area.



<b>Replacement of Door Hinge Cover</b>	<b>Applicable models</b>	<b>EN</b>
	General	

#### **Step 4**

Press the clip of the switch to loosen the switch.



#### **Step 5**

Remove the switch from the hinge cover.



**Note:** Reverse previous steps to reinstall new hinge cover.

<b>Replacement of Door Hinge</b>	<b>Applicable models</b>	<b>EN</b>
	General	

### Step 1

Unscrew hinge cover.



### Step 2

Remove the cover.



### Step 3

Disconnect the terminals.



<b>Replacement of Door Hinge</b>	<b>Applicable models</b>	<b>EN</b>
	General	

#### **Step 4**

Unscrew 3 bolts and remove the top hinge.



#### **Step 5**

Remove fridge door.



**Note: Reverse previous steps to reinstall new hinges.**

**However, please pay attention to the points on the following page(s).**

<b>Replacement of Door Hinge</b>	<b>Applicable models</b>	<b>EN</b>
	General	

### Tip 1

When installing door onto hinge, please check the alignment between door-stopper and hinge.



### Tip 2

Make sure gasket is attached well.



### Tip 3

3 Make sure gaps between doors are even.



<b>Replacement of Door Gasket</b>	<b>Applicable models</b>	<b>EN</b>
	General	

### Step 1

Pull gasket out by the corner.



### Step 2

Install a new gasket, starting from the corner.



### Step 3

Make sure base of gasket is pressed into trough completely.



<b>Replacement of Door Gasket</b>	<b>Applicable models</b>	<b>EN</b>
	General	

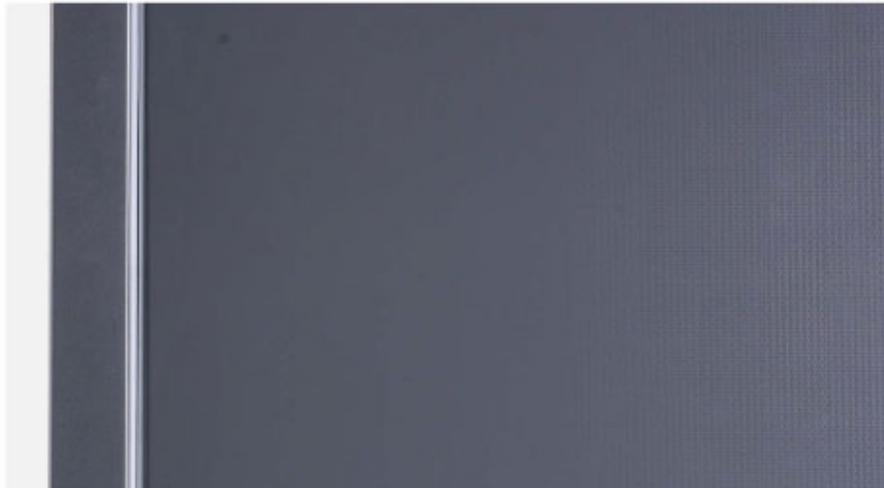
### **Step 4**

Make sure gasket is properly aligned with edges of trough.



### **Step 5**

After closing the door, make sure gasket is well attached to door.



<b>Replacement of Door Handle</b>	<b>Applicable models</b>	<b>EN</b>
	General	

**NOT APPLICABLE**

<b>Replacement of Internal Accessories</b>	<b>Applicable models</b>	<b>EN</b>
	General	

**IF YOU FIND THAT DOOR BALCONIES,  
GLASS SHELVES, DRAWERS ARE  
DAMAGED,  
PLEASE REPLACE WITH NEW ONES.**

<b>ADDITIONAL SUPPORT</b>	<b>Applicable models</b>	<b>EN</b>
	<b>General</b>	

The following parts are available for the customer to undertake repairs at their own risk. Please carefully follow the guidance given in this manual including all safety measures.

- Door handles
- Door hinges
- Door gaskets
- Trays and baskets

Parts can be obtained by calling the support service listed in this section. All repairs in this manual can be achieved using commonly available tools.

If you are in any doubt of your ability to carry out a repair, please use a professional service, also available through the support service.

Damage sustained to the appliance or future faults arising from poorly carried out repairs will not be covered under warranty.

<b>ADDITIONAL SUPPORT</b>	<b>Applicable models</b>	<b>EN</b>
	<b>General</b>	

## Help and assistance

If you require any technical guidance or find that your washing machine is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions or online at [www.bush-support.com](http://www.bush-support.com)

If you still require further assistance, call one of our experts on **0345 257 7271\***. To help give us give you a fast and efficient service please have the following information ready:

Model Ref.		You can find these on the rating plate - a small information panel (usually a sticker or metal plate) on the rear of your appliance
Serial number		
Date of purchase		This will be shown on your receipt

Local call rates applies\*

Lines open 8am-7pm Monday to Saturday and 10am-4pm Sunday.

\*Calls to Bush enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see [www.bt.com/pricing](http://www.bt.com/pricing) for details.

For Security and training purposes, telephone calls to and from customer service centres maybe recorded and monitored. Calls from Republic of Ireland will attract international call charges.

## Notes on disposal :



The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead it should be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please contact your local council office, your household waste disposal service or the shop where the product was purchased.