

TOTO

TOTO U.S.A., Inc.

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Warranty Registration and Inquiry

For product warranty registration, TOTO U.S.A. Inc. recommends On-Line Warranty Registration. Please visit our web site <http://www.totousa.com>. If you have questions regarding warranty policy or coverage, please contact TOTO U.S.A. Inc.,

Customer Service Department, 1155 Southern Road, Morrow, GA 30260 (888) 295 - 8134 or (678) 466 - 1300 when calling from outside of U.S.A.

- You are advised to record the following information to allow quick service.

Date of purchase :	Name of shop :
Date : year month day	Tel : ()



This code is for manufacturer management use.

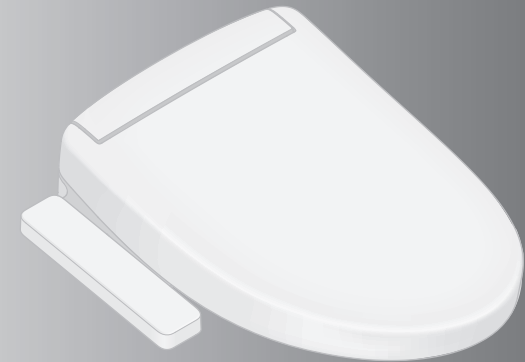
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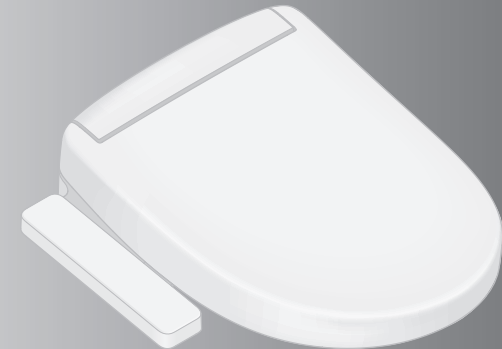
WASHLET

Instruction Manual

SW3346



SW3345



Thank you for your recent purchase of this product.

Please read the enclosed information to ensure the safe use of your product.

Be sure to read this Instruction Manual before using your product and keep it in a safe place for future reference.

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Safety Precautions

IMPORTANT SAFEGUARDS

READ ALL INSTRUCTIONS BEFORE USING

Symbols and Meanings



WARNING

May result in death or serious injury.



CAUTION

May result in injury or property damage.



WARNING

Never disassemble, repair or alter.

Doing so may cause fire, electrical shock, overheating, short circuit or breakdown.

Do not use the product if a malfunction occurs.

In case of breakdown or other problem, be sure to cut off power by means such as unplugging the power plug.

Close the water shutoff valve to stop water supply. Possible malfunctions:

- Water is leaking from a pipe or the main unit.
- The product is cracked or broken.
- The product makes a strange noise or emits a strange odor.
- The product emits smoke.
- The product is abnormally hot.
- The toilet seat cushion is out of place.

Continued use after malfunction could cause a fire, electrical shock, heat, short circuit, injury or water damage.

Do not use other water than allowed by the laws and ordinances of the region of use. Only Use potable water.

Do not use seawater or recycled water.

Doing so may cause irritation to the skin and malfunction.

Keep cigarettes and other open flames away from the product.

Failure to do so may cause fire.

Refrain from sitting on the seat for long periods.

It may cause low-temperature burns.

To prevent the following persons from getting a moderate temperature burn during use, other person should turn off the toilet seat heater and set the dryer temperature to "Low".

- Young children, the aged and other users unable to set the temperature appropriately themselves.
- The ill, physically disabled and others who do not have freedom of movement.
- Those using any medicines that cause drowsiness (sleeping or cold medicine), those who have been drinking heavily, anyone severely fatigued and anyone else liable to fall asleep.

If the power cord is damaged, avoid danger by having the manufacturer's repair department or equivalent specialist replace it.

Turn the power OFF before maintenance or inspection.*1

Failure to do so may cause electrical shock or malfunction.

Always the power OFF before removing the main unit.*1

Failure to do so may cause a fire or electrical shock.

Do not stick a finger or anything else into the warm air outlet.

Do not place anything on the warm air outlet or drape clothes over it.

Doing so may cause burns, electrical shock or malfunction.



WARNING

Do not install the product on moving vehicles such as wheeled vehicles or boats.

Doing so may cause fire, electric shock, short circuit or malfunction.

The toilet seat, toilet lid, main unit, or other parts may come loose and fall off, resulting in injury.

Do not use any power supply other than the one specified.

AC 120 V, 60 Hz

Doing so may cause fire or excessive heat.

This is an electrical product. Do not install it anywhere water is likely to get on the product or anywhere with humidity high enough that water is likely to form on the surface of this product. When using the product in a bathroom, install a fan or ventilation port and ensure good air flow through the bathroom.

Failure to do so may cause fire or electrical shock.

Always connect the product to the cold water supply.

Connecting to hot water supply may result in burns and equipment damage.

Preliminary studies in females suggest that overuse of continuous spraying can increase the possibility of vaginal mucosa drying and potential reduction in desirable microbial organisms.

Although these studies have not been validated, please consult your healthcare provider for concerns regarding whether these circumstances may apply to you.

More importantly, if you are an individual suffering from any immune deficiency as a result of disease, chemotherapy, or other medical condition compromising the immune system you should consult your healthcare provider before use of this product.

Do not touch the connection of power cord with wet hands.

Doing so may cause electrical shock.

Do not allow any water or cleaning solution on the gaps between the main unit, main unit and bowl unit, or power supply connections.

Doing so may cause fire, electrical shock, heat or short circuit.

Doing so may cause the product to crack resulting in injury or water damage.

Do not touch the power source connection during thunderstorms.

Doing so may cause electrical shock.

Do not allow the water supply hose to touch the power source connection.

Doing so may cause condensation resulting in a fire, electrical shock, heat or a short.

Do not do anything that may damage the power cord or power source connection.

Do not strike, yank, twist, excessively bend, damage, alter, or heat the power cords.

Also, do not place anything heavy on, bind or pinch the power cords.

Using a damaged power cord may result in a fire, electrical shock, heat or short.

Confirm that a properly grounded outlet has been installed.

Failure to install a grounded outlet could cause electrical shock in the event of a malfunction.

*If there is no ground installed, ask the contractor who did the installation to install the ground.

Periodically remove dust and dirt from the power plug and make sure it is securely plugged into the wall outlet.

Failure to do so may cause fire, heat or short circuit. Pull the power plug out from the outlet and wipe clean with a dry cloth.

*1 How to turn off the product (→Page 12)

Safety Precautions

WARNING

Do not use a loose or faulty electrical outlet.

Doing so may cause fire or short circuit.

Do no use any outlet beyond its specified rating.

Plugging too many plugs into the same outlet, for example using outlet splitters, can cause fire due to heat.

Insert the power plug securely into the outlet.

Failure to do so may cause fire, heat or short circuit.

To unplug, hold the power plug, not the power cord.

Do not unplug by pulling the power cord.

Pulling on the power cord may cause damage and result in fire or heat.

CAUTION

Do not use the product if the main unit is unstable.

Doing so may cause the main unit to come loose and fall, resulting in injury.

If the product is damaged, do not touch the damaged section.

Doing so may cause electrical shock or injury.
Replace it immediately.

Do not apply strong force, mechanical shock, step on or stand on the toilet seat, toilet lid or main unit. Also do not place any heavy object on the toilet seat, toilet lid or main unit.

Doing so may cause cracking or cause the main unit to come loose and fall, resulting in injury.
Doing so may damage the product and cause injury or water damage.

Do not lift up this product by the toilet seat or lid.

Do not raise the toilet seat or lid while objects are resting on top of the unit.

Doing so may cause the main unit to come loose and fall, resulting in injury.

When maintaining the plastic parts (main unit etc.) or the water supply hose, use a pH neutral kitchen detergent diluted with water. Do not use any of the following.

Toilet cleaner, household cleaner, benzene, paint thinner, powdered cleanser or nylon scrubbing brush.

These items may damage or crack the plastic and cause injury or malfunction.
These items could damage the water supply hose and cause a water leak.

To prevent a sudden water leak, do not remove the drain plug with water supply filter when the shutoff valve is open.

Doing so will cause water to spurt out.
(→Refer to Page 33 for instructions on cleaning the drain plug with water supply filter.)

CAUTION

Do not fold or crush the water supply hose; do not damage by cutting with a sharp object.

Doing so may cause water leaks.

Do not install the base plate, which is not attached.

Doing so may cause damage.

If a water leak should occur, always close the shutoff valve.

When the ambient temperature is likely to drop to 32 °F (0 °C) or lower, prevent damage to the pipes and hoses due to freezing.

Frozen water pipes could cause the main unit and the pipes to break, resulting in a water leak.
Regulate the room temperature to prevent the pipes and hoses from freezing during cold months.
Drain the water.

When not using the product for a long time, close the shutoff valve, drain the water from the main unit and water supply hose, and then turn the power OFF.*1

When using the product again, allow the product to refill with water first. Otherwise, the water in the tank might become contaminated and cause skin inflammation or other problems. (→Refer to Page 37 for instructions on replenishing the water.)
Leaving the power on may cause fire or heat.

When installing the drain plug with water supply filter, make sure that it is securely tightened in its proper position.

Failure to securely tighten it may cause a water leak.

If the bowl is clogged, turn the power OFF*1 and remove the clog.

Use commercially available tools that are made for unclogging the bowl unit to remove the clogging.

Push the main unit securely on to the base plate.

After pushing the main unit until a click sound is heard, pull it slightly toward you to make sure that the product does not detach.
Doing so may cause the main unit to come loose and fall, resulting in injury.

*1 How to turn off the product (→Page 12)

Safety Precautions

⚠ DANGER

To reduce the risk of electrocution:

1. Do not use while bathing.
2. Do not place or store the product where it can fall or be pulled into a tub or sink.

⚠ WARNING

To reduce the risk of burns, electrocution, fire or injury to persons:

1. Close supervision is necessary when this product is used by, on, or near children or invalids.
2. Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Never operate this product if it has a damaged cord or plug, is not working properly, has been dropped or damaged, or has been dropped in water. Return the product to a service center for examination and repair.
4. Keep the cord away from heated surfaces.
5. Never block the air openings on the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and other similar items.

3. Do not place in or drop into water or other liquid.
4. Do not reach for the product when it has fallen into water. Unplug it immediately.

6. Never use while sleepy or drowsy.
7. Never drop or insert any object into any opening or hose.
8. Do not use outdoors. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
9. Connect this product to a properly grounded outlet only.
See "Grounding Instructions" in below.
10. The tank should be filled with water only.

- Servicing should be performed by an authorized service representative.
- This product is for household use.

Grounding Instructions

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electrical current.

This product is equipped with a cord having a grounding wire with a grounding plug.

The plug must be plugged into an outlet that is properly installed and grounded.

⚠ DANGER - Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat-head terminal.

Check with a qualified electrician or service-man if the grounding wire instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

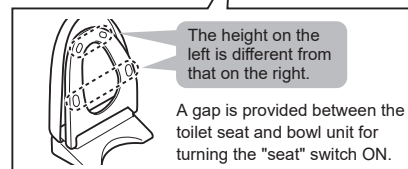
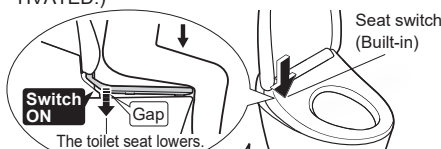
SAVE THESE INSTRUCTIONS

Operational Precautions

For prevention of malfunctions

About the seat switch

When you sit on the toilet seat, the seat switch turns ON, enabling you to use various features. (A click sound is heard when the seat switch is ACTIVATED.)



Sit back on the toilet seat.

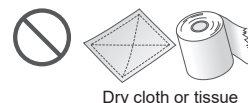
The seat switch will not turn on unless you sit on the seat properly.



Note: When a child uses the product, the seat switch may not be ACTIVATED by their light body weight. Since the toilet seat is designed to move up and down, a clearance is provided between the toilet seat cushion and the bowl unit.

For prevention of damage

Wipe plastic areas such as the main unit with a soft cloth tightly wrung out with water.



Do not lean against the toilet lid.



For prevention of malfunctions and failures

Turn the power OFF if there is a risk for lightning strike.*1

A toilet seat cover or a toilet lid cover cannot be used.

Otherwise, the seat switch may not detect properly. Additionally, the toilet seat and lid may not open or close properly.



Do not urinate on the main unit, toilet seat or wand. Doing so may cause a failure or discoloration.

Do not apply strong forces to the control panel.

When using a toilet cleaner to clean the toilet, rinse it off within 3 minutes and leave the toilet seat and toilet lid open.

If vapor from a toilet cleaner enters the main unit, it may cause a malfunction.

► Wipe off any cleaner that remains on the bowl unit.

Do not use the product with the toilet lid removed.

Do not expose to direct sunlight.

Doing so may cause changes in color or irregular heated seat temperature.

It may also cause product malfunction due to the change in temperature.

Use radios, etc. away from the product.

The product could cause interference with the radio signal.

If you use a booster seat for infants or a soft highchair, remove it after use.

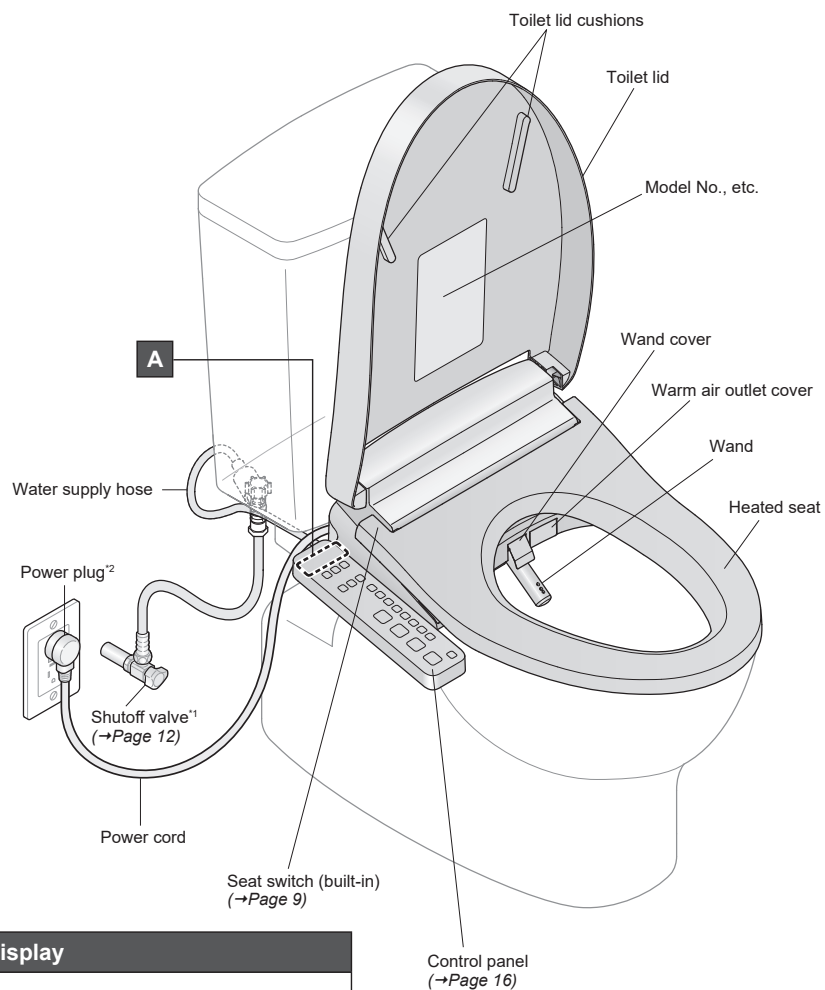
Keeping it installed may prevent some of the functions from being used.

Do not place anything on the toilet seat and lid, and do not press them with hands.

Doing so may activate the seat switch, causing the floor to get wet if buttons on the control panel are touched and warm water comes out from the wand.

*1 How to turn off the product (→Page 12)

Parts Names

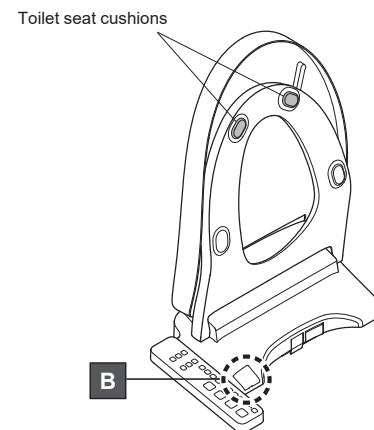


A: Main display

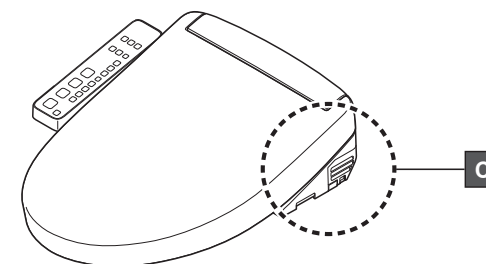
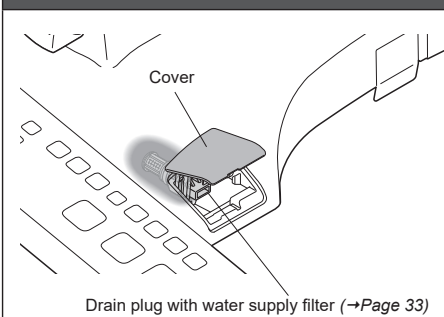
- Power LED ———— ●
- Seat LED ———— ●
- Energy saver LED ———— ●
- Wand CLEAN LED ———— ●

All the LEDs illuminate in the figure

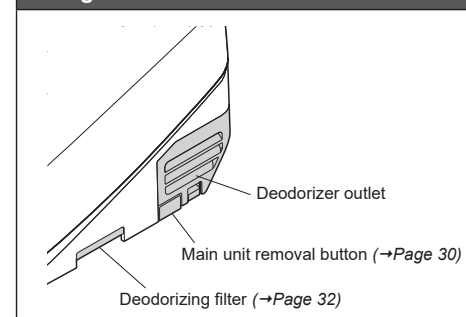
Descriptions in this manual are based on the illustrations of SW3346.
The toilet seat and the toilet lid shape vary by model.



B: Front side of the main unit



C: Right side of the main unit



*1 The shape and location vary depending on the type of bowl unit and tank.

*2 The shape of the power plug may vary.

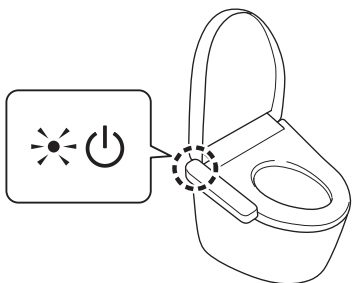
Preparation

Using the Product for the First Time

1. Turn on the power

- 1.1** Insert the power plug.
► The wand extends and then retracts.

- 1.2** Check the "Power" LED illuminates.



If the light is off

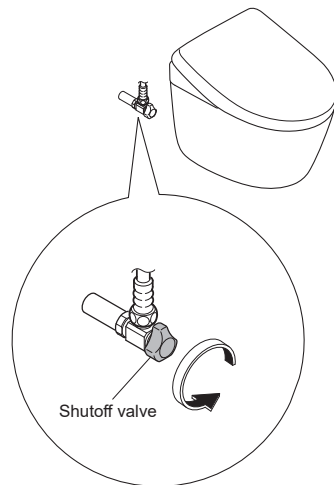
-  Press "Power ON/OFF" button about 3 seconds or longer.

To turn the power "OFF"

- Unplug the power plug.
► The "Power" LED is unilluminated.

2. Open the shutoff valve

- 2.1** Fully open the shutoff valve.



Basic Operations

Mechanism of Auto Functions

"EWATER+" is used automatically to clean the wand.

1. As you sit*1



Deodorizer
Pre-mist

Deodorizer

Starts the deodorizer



Removing odors inside the bowl unit.

Note: Deodorizing filter needs regular maintenance. (→Page 32)

Pre-mist

Pre-mist



A mist is automatically sprayed inside the bowl unit to make it more difficult for dirt to adhere.

2. As you stand up



Auto power deodorizer
Auto wand CLEAN

Auto power deodorizer

After about 10 seconds

Starts the auto power deodorizer



It stops about 60 seconds after you stand up from the toilet seat

Auto wand CLEAN

Only when the washing functions are used.

After about 25 seconds

The wand extends to clean with the "EWATER+" that comes out of the base*2



Note: "EWATER+" can also be used by pressing the button on the control panel. (→Page 17 "Wand CLEAN")

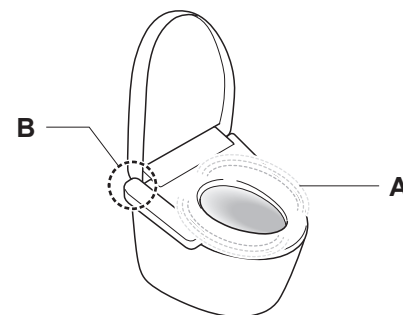
Operation under the default settings is described in "Mechanism of Auto Functions".

These mechanisms be changed. (→Pages 20–27 "Changing Settings")

What is meant by "EWATER+" ?

"EWATER+" helps the self-cleaning wand feature work effectively and by preventing the accumulation of dirt that can cause stains.

- "EWATER+" is generated from chemicals already present in potable water.
- "EWATER+" helps to minimize dirty surfaces, but does not make cleaning unnecessary.
- The effect of rinsing with "EWATER+" can vary depending on the frequency of toilet use and other conditions.



A Soft light

Lighting up the inside of the bathroom with a soft light.

Note: "Soft light" can be switched between ON, OFF and TIMER. (→Page 27)

B Wand CLEAN LED

During Wand CLEAN

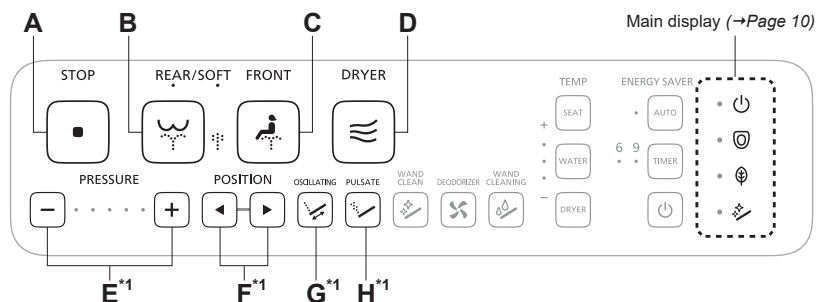
Flashing 

*1 Water comes out from the area around the wand for several seconds while water is warmed up.

*2 When the washing functions (Rear washing and Front washing etc.) have not been used in 8 hours, the wand is cleaned automatically. (Water comes out from around the wand.)

Basic Operations

Using the Control Panel

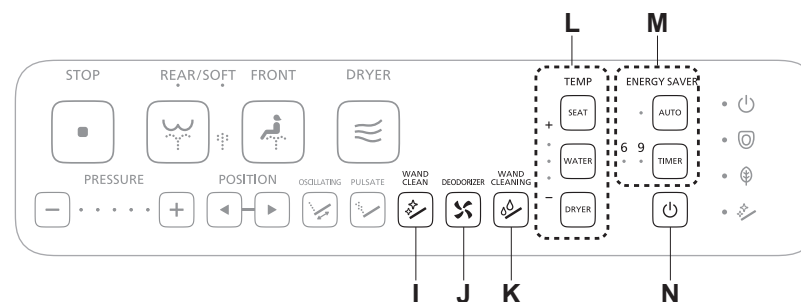


- A** **Stop**
Stops the B, C or D operation.
- B** **Rear washing**
Washes your rear.
- Rear soft washing**
Washes your rear with mild water pressure.
- The setting changes between and each time the is pressed.
- C** **Front washing**
Serves as a bidet for ladies.
- D** **Warm air drying**
Dries your rear.

- E** **Water pressure adjustment**
You can adjust the water pressure to one of five levels.
[-] Softer, [+] Stronger
- The PRESSURE LEDs illuminate when you sit on the toilet seat.
- F** **Wand position adjustment**
You can adjust the washing position to 5 different points between the front and the rear, using the [◀] and [▶] buttons.
- The washing position returns to the standard position (3rd point) when you stand up from the toilet seat.
- G** **Oscillating washing**
The wand moves back and forth to washes your rear thoroughly.
- H** **Pulsating washing**
Washes with the water pressure pulsating between soft and strong.

Note: Sitting back on the toilet seat makes it easier to adjust the wand position and to reduce splashing.

*1 While using B or C, these buttons and their functions can be operated.



- I** **Wand CLEAN**
Cleans the wand with "EWATER+"*2
After wand cleaning, water comes out from around the wand.
Note: This function will operate automatically after using the washing functions (Rear washing, Front washing, etc.). (→Pages 14, 25 "Auto wand CLEAN")
Note: To clean the wand with it extended. (→Page 32 "Wand cleaning")
- J** **Power deodorizer**
Pressing the button increases the deodorizer power.
This button is only enabled when sitting on the toilet seat.
When you stand up without turning the button off, it automatically stops after about 60 seconds.
- K** **Wand cleaning**
(→Page 32)

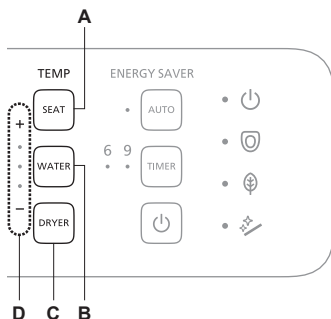
*2 What is meant by "EWATER+"? (→Page 14)

- L** **Toilet seat temperature**
- Warm water temperature**
- Drying air temperature**
- Adjust temperatures (→Pages 18, 19)
- M** **Auto energy saver**
- Timer energy saver**
- Saving energy (→Page 24)
- N** **"Power ON/OFF" button**
Press and hold for 3 seconds or longer to turn washlet operation on/off.
(→Page 12 Step 1-1.2)

Temperature Adjustment

Warm Water, Toilet Seat, Drying

Three different temperature levels from high to low and "OFF" can be set.



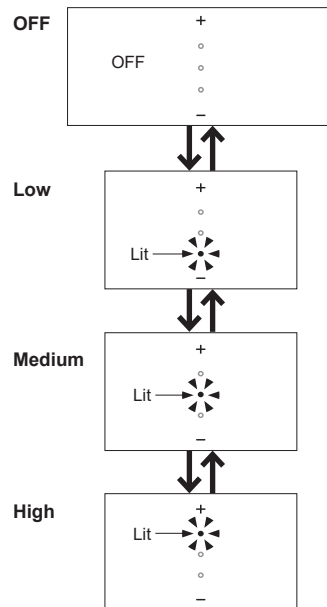
- A Toilet seat temperature button**
(When you want to adjust the toilet seat temperature)
- B Warm water temperature button**
(When you want to adjust the warm water temperature)
- C Drying air temperature button**
(When you want to adjust the drying air temperature)
- D Displaying the temperature level of the pressed button**

Adjusting the temperature

- Choose and press the button of the temperature that you want to set from the **SEAT** ("Toilet seat temperature" button), **WATER** ("Warm water temperature" button) and **DRYER** (Drying air temperature button).
► The current temperature level appears.

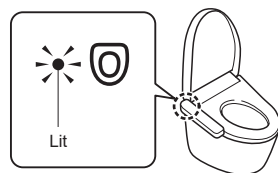
- Press the button selected in step 1 repeatedly until a desired temperature level illuminates.

► The setting changes each time the button is pressed once



Settings complete

- When seat temperature is set, the SEAT LED illuminates.



Note: The "Drying" cannot be turned "OFF".

If the button is not pressed for about 10 seconds, the "Temperature adjustment" LED will go off, but the setting will be retained.

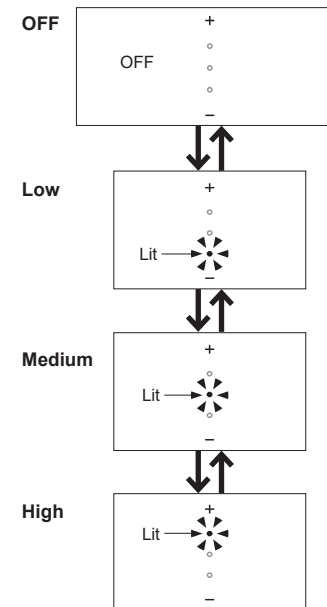
If the "Temperature adjustment" LED goes out before the setting is completed, start all over again at step 1.

To turn the warm water temperature*1 and toilet seat temperature "OFF"

- Select a temperature button you want to turn "OFF" from **SEAT** ("Toilet seat temperature" button), **WATER** ("Warm water temperature" button) and press it.
► The current temperature level appears.

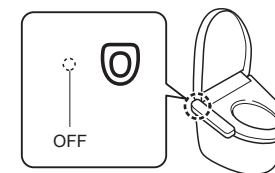
- Press the button selected in step 1 repeatedly until the temperature level is set to "OFF".

► The setting changes each time the button is pressed once



Settings complete

- When seat temperature is OFF, the SEAT LED is unilluminated.



Note: The "Drying" cannot be turned "OFF".

If adjusting the temperature does not warm up the toilet seat.

► Is the energy saver set to "ON"? (→Pages 22, 23)

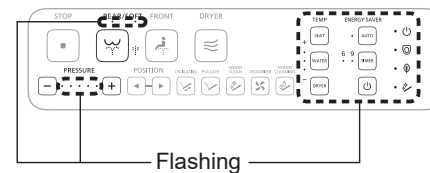
*1 To prevent condensation, the water temperature does not drop below 68 °F (20 °C) even when set to "OFF".

Changing Settings

Setting List

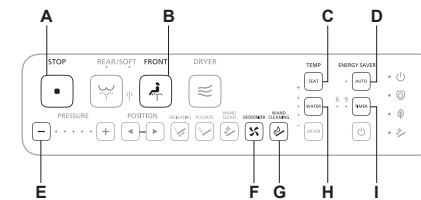
Setting Types	Available Settings Bold: Initial settings
Auto energy saver (→Page 24)	ON/OFF
Timer energy saver (→Page 24)	6H/9H/OFF
Auto wand CLEAN (→Page 25)	ON/OFF
Pre-mist (→Page 25)	ON/OFF
Deodorizer (→Page 26)	ON/OFF
Auto power deodorizer (→Page 26)	ON/OFF
Soft light (→Page 27)	ON/OFF/TIMER

Press the button indicated in step 1 for approximately 10 seconds or longer to enter setting mode. (→Pages 25–27)



Note: During setting, if the next button is not pressed within about 60 seconds, the light will stop flashing. If you fail to complete the setting, redo from the step 1.

► Setting buttons (→Pages 24–27)



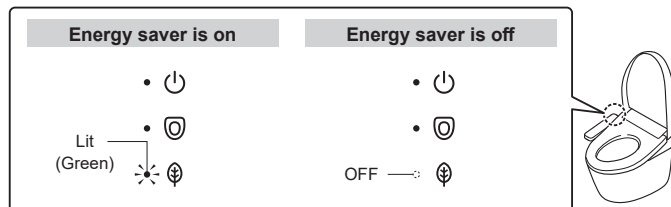
- A Stop button
- B Front washing button
- C Toilet seat temperature button
- D Auto energy saver button
- E Water pressure adjustment - button
- F Power deodorizer button
- G Wand cleaning button
- H Warm water temperature button
- I Timer energy saver button

Changing Settings

The energy saver features

"Auto energy saver" and "Timer energy saver" can be selected.
To save energy, the temperature of the toilet seat becomes low (or "OFF").

Note: Even if the energy saver is activated (with the toilet seat heater set to Low or OFF), the toilet seat will be temporarily heated when you sit on it. (To reach the set temperature, the toilet seat takes about 15 minutes.)
The LED indication on the main display returns to the state for when the energy saver is on.

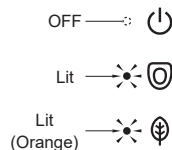


Auto energy saver

You want the product to save energy automatically
The product detects time periods with infrequent use and lowers the toilet seat temperature automatically.
It takes about 10 days for the product to determine the periods when it is used relatively less frequently.

When energy saver is in operation

Main display



Toilet seat heater

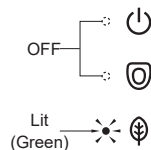


Timer energy saver

You want to save energy only for a preset duration of time. (6 hours, 9 hours)
Once the time is set, the toilet seat heater turns off automatically during the set time period every day.

When energy saver is in operation

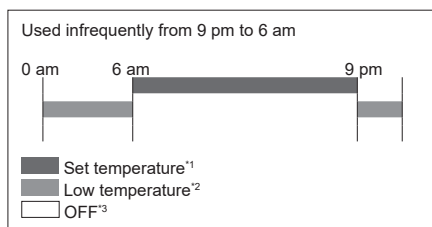
Main display



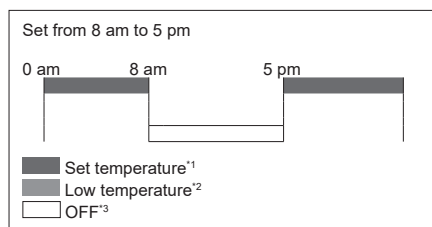
Toilet seat heater



Example



Example



Timer energy saver and Auto energy saver

You want to save the maximum amount of energy possible?

When both "Timer energy saver" and "Auto energy saver" are set, "Auto energy saver" operates when "Timer energy saver" is not operating.

When energy saver is in operation

Main display

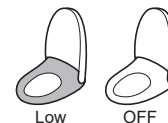
During "Auto energy saver":

► Same LED indication as "Auto energy saver" (→Page 22)

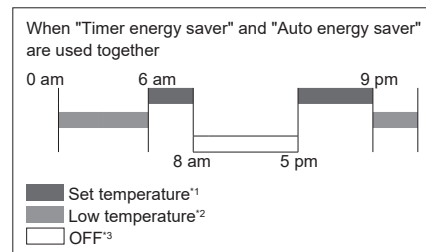
During "Timer energy saver":

► Same LED indication as "Timer energy saver" (→Page 22)

Toilet seat heater



Example



*1 The toilet seat temperature settings on pages 18, 19.

*2 The time period when the toilet seat heater is set to a "Low".

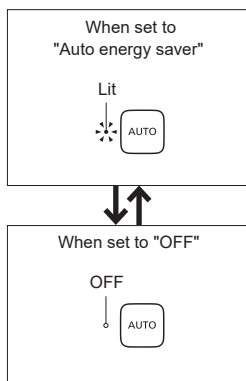
*3 The time period when the toilet seat heater is set to a "OFF".

Changing Settings

How to Set

Auto energy saver

1.  Press "Auto energy saver" button.
▶ The setting changes each time the button is pressed once.



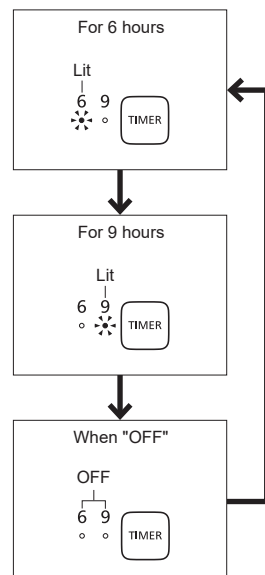
Settings complete

Timer energy saver

Set the "Timer energy saver" at the time you want to start it.

Example: To save energy from 1 am to 7 am (for 6 hours)

1.  When the time of the day reaches 1:00 am at night, press "Timer energy saver" button.
Press the "Timer energy saver" button repeatedly until the "6" LED illuminates.
▶ The setting changes each time the button is pressed once.



Settings complete

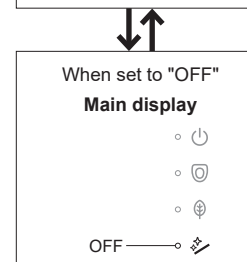
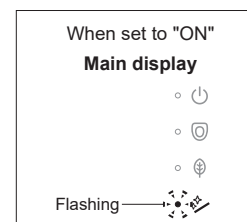
Auto wand CLEAN*1

Set whether or not to clean the wand automatically

1.  Press the "Stop" button until all LEDs on the control panel are lit (about 10 seconds).

2.  and  Press "Front washing" button and "Warm water temperature" button at the same time.
▶ The setting changes each time the button is pressed once

Set whether or not to clean the wand automatically.



3.  Press "Stop" button.
Settings complete

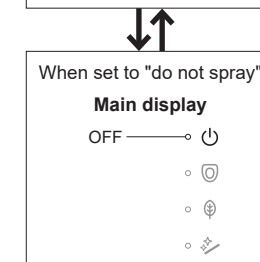
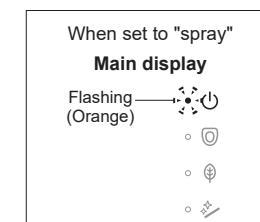
Pre-mist

Set whether or not to spray mist in the bowl unit automatically

1.  Press the "Stop" button until all LEDs on the control panel are lit (about 10 seconds).

2.  and  Press "Front washing" button and "Wand cleaning" button at the same time.
▶ The setting changes each time the button is pressed once

Set whether or not to spray mist in the bowl unit automatically.



3.  Press "Stop" button.
Settings complete

*1 When "Auto wand clean" is set to "OFF", the "Wand CLEAN" LED turns off.

Changing Settings

Deodorizer

Set whether or not to deodorize automatically after sitting on the toilet seat

STOP



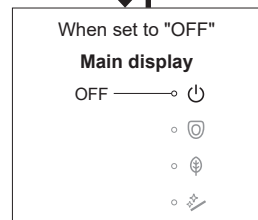
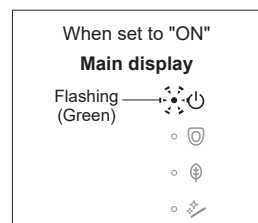
Press the "Stop" button until all LEDs on the control panel are lit (about 10 seconds).



Press "Toilet seat temperature" button.

- ▶ The setting changes each time the button is pressed once

Set whether or not to deodorize automatically after sitting on the toilet seat.



STOP



Press "Stop" button.

Settings complete

Auto power deodorizer

Set whether or not to power deodorize automatically after standing up

STOP



Press the "Stop" button until all LEDs on the control panel are lit (about 10 seconds).

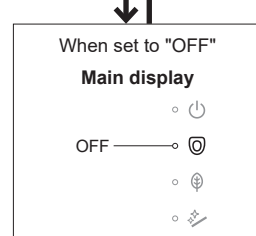
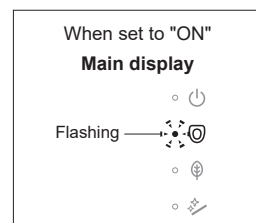
DEODORIZER



Press "Power deodorizer" button.

- ▶ The setting changes each time the button is pressed once

Set whether or not to power deodorize automatically after standing up.



STOP



Press "Stop" button.

Settings complete

Soft light

Set whether or not to use the soft light and the time period (can be used as a night light)

To set the time window (timer), set the desired start time.

STOP

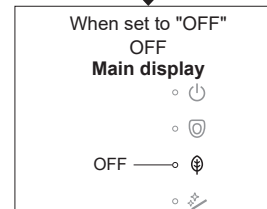
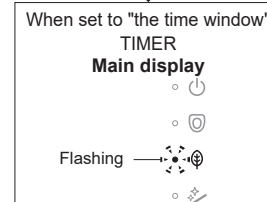
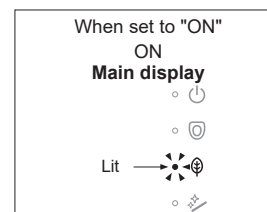


Press the "Stop" button until all LEDs on the control panel are lit (about 10 seconds).



Press "Water pressure adjustment -" button.

- ▶ The setting changes each time the button is pressed once



STOP



Press "Stop" button.

Settings complete

The "Soft light" is turned ON

Lights permanently



The "Soft light" is turned OFF

Always off

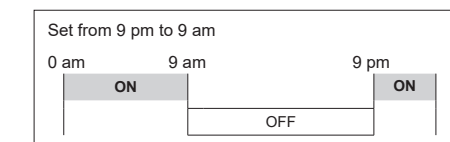


The "Soft light" is configured with the timer



The light turns ON / OFF every 12 hours starting from the set time.

Example



Maintenance

Before Maintenance

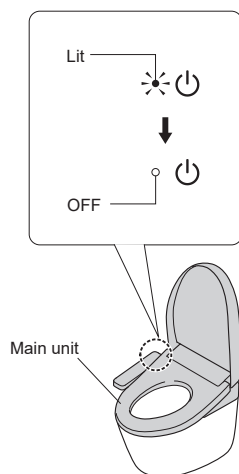
⚠ WARNING

Always turn off the power before maintenance or inspection.

Failure to do so may cause electric shock or malfunction, resulting in a breakdown.

For safety, turn the power OFF before maintenance.*1*2

When the power is turned OFF, the Power LED is unilluminated.



To turn the power "OFF"

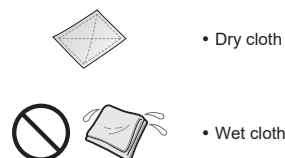
Unplug the power plug.

To turn the power "ON"

Insert the power plug.

► The "Power" LED illuminates.

Power Plug



Approximately once a month

1. Unplug the power plug and wipe it with a dry cloth.



2. Insert the power plug.

► The "Power" LED illuminates.

⚠ WARNING

Periodically remove dust from the blades and other parts of the power plug.

Unplug the power plug and wipe it with a dry cloth.

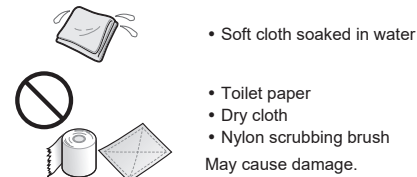
Fully insert the power plug.

When unplugging the power plug, hold the main body of the power plug.

Pulling the power cord may damage the power plug or power cord.



Main Unit



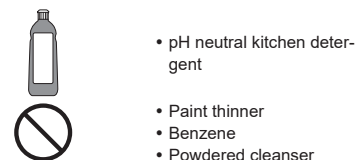
Approximately daily

1. Turn the power "OFF". (→Page 28)

2. Wipe with a soft cloth that has been soaked in water and wrung out thoroughly.

For heavy dirt

Wipe with a soft cloth soaked in diluted, pH neutral kitchen detergent, and then wipe with a soft cloth soaked in water.



3. Turn the power "ON". (→Page 28)

► The "Power" LED illuminates.

Attention

This product is an electric appliance. Be careful not to let water seep inside or leave detergent in the gap between the main unit and bowl unit.

Do not put any cleaning solution directly onto the warm air outlet or cover around the wand, etc.

May damage plastic parts or cause a malfunction.

When using a toilet cleaner to clean the toilet, rinse it off within 3 minutes and leave the toilet seat and toilet lid open.

Wipe off any cleaner that remains on the bowl unit.

If vapor from a toilet cleaner enters the main unit, it may cause a malfunction.

Do not press or pull the warm air outlet or cover around the wand with excessive force.

Doing so may cause damage or failure.

Wipe the back surface of the toilet seat and the toilet seat cushions with a soft cloth tightly wrung out with water.

Otherwise adhesion of dirt may result in discoloration.

*1 Except when using "Wand cleaning"

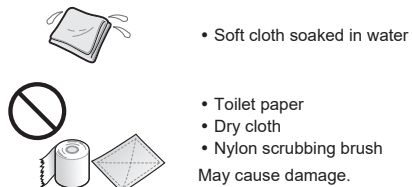
*2 When the power is turned OFF, the following settings are canceled. Set them again.

- "Timer energy saver" ("Timer energy saver" LED for the set time flashes) (→Page 24)
- Soft light timer setting (→Page 27)

Maintenance

Gap between the Main Unit and Bowl Unit

You can remove the main unit to clean the top of the bowl unit and the bottom of the main unit.



Approximately once a month

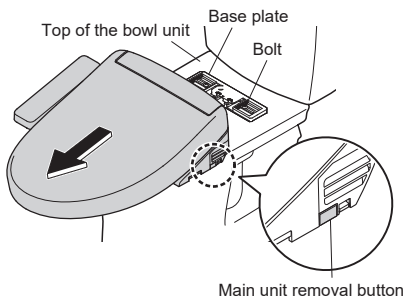
1. Turn the power "OFF". (→Page 28)

CAUTION

If the power is not turned off, the unit may malfunction, causing a failure or electric shock.

2. Remove the main unit.

Pull the main unit toward you while pressing the "Main unit removal button".



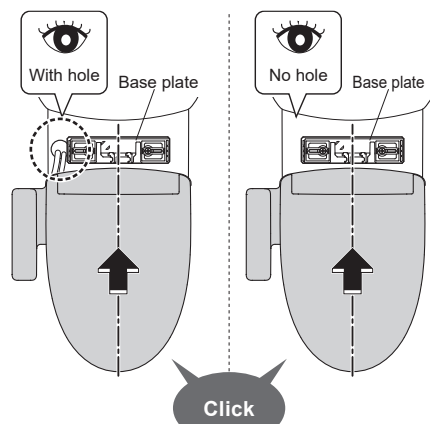
Attention

Do not pull the unit with undue force.
Because the water supply hose and power cord are attached.
Do not excessively bend the water supply hose.

3. Clean the top of the bowl unit and the bottom of the main unit.

Wipe with a soft cloth soaked in a diluted, pH neutral kitchen detergent. Then, dry the surface with a soft cloth soaked in water so that no detergent remains.

4. Mount the main unit.



- 1) Pull the power cord and water supply hose into the recess on the bowl unit.
 - 2) Align the main unit with the center of the base plate and press it firmly onto the base plate until a click sound is heard.
- Align the main unit with the center of the base plate and press it firmly onto the base plate until a click sound is heard.

Attention

Be careful not to pinch the power cord.
Do not excessively bend the water supply hose.

CAUTION

Push the main unit firmly on to the base plate until a click sound is heard.
Doing so may cause the main unit to come loose and fall, resulting in injury.

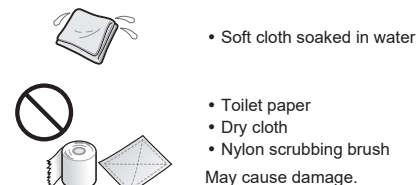
- After mounting, check that the main unit does not detach even when pulled.

5. Turn the power "ON". (→Page 28)

- The "Power" LED illuminates.

Gap between the Main Unit and the Toilet Lid

The toilet lid can be removed for thorough cleaning.



Approximately once a month

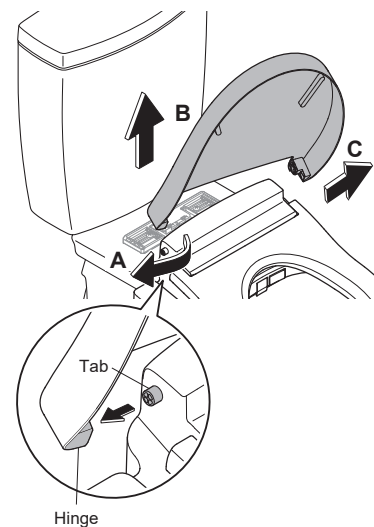
1. Turn the power "OFF" and remove the main unit. (→Pages 28, 30)

2. Remove the toilet lid.

Slightly tilt the toilet lid to the front.

- A Pull left side outward.
- B Disconnect the hinge from the tab and pull up.
- C Disconnect the right side.

Hold with both hands



3. Wipe with a soft cloth that has been soaked in water and wrung-out thoroughly.

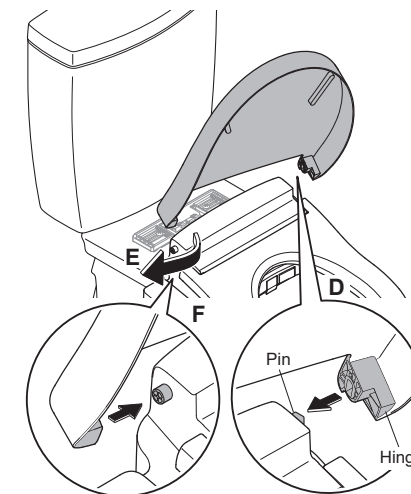
4. Reinstall the toilet lid.

- D Align the right side pin and hinge parts. Slightly tilt the toilet lid to the front.
- E While pulling left side outward.
- F Mount by joining the hinge with the tab.

Attention

Be careful not to pinch your fingers.

Hold with both hands



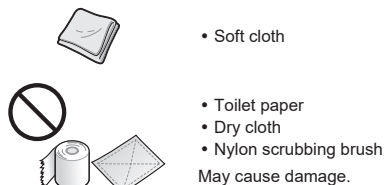
5. Reinstall the main unit and turn the power "ON". (→Pages 28, 30)

- The "Power" LED illuminates.

6. Open and close the toilet lid to check the reinstallation.

Maintenance

Wand



Approximately once a month If you notice dirt (Wand cleaning)

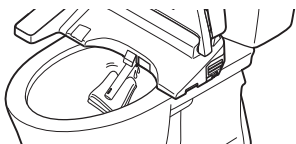
1. Extend the wand.



Press "Wand cleaning" button.

- The wand extends and water sprays out for cleaning.
- The wand automatically retracts after about 5 minutes.

2. Wipe with a soft, wet cloth.



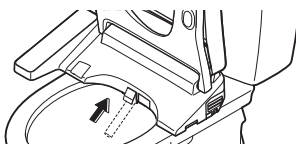
Attention

Do not pull, push or press the wand with excessive force.
May cause damage or malfunction.



3. Press "Wand cleaning" button.

- The wand retracts.



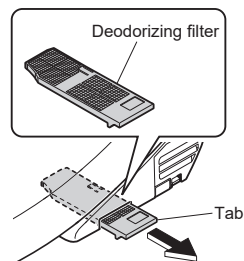
Deodorizing Filter

Approximately once a month

1. Turn the power "OFF". (→Page 28)

2. Remove the deodorizing filter.

Hold the tab and pull outward.

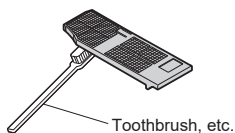


Attention

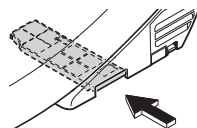
Do not pull the unit with undue force.
Doing so may cause damage or malfunction.

3. Clean with a tool such as a toothbrush.

When washing with water, dry off all water before reinserting.



4. Reinsert the deodorizing filter.



Push firmly until a click sound is heard.

5. Turn the power "ON". (→Page 28)

- The "Power" LED illuminates.

Drain Plug With Water Supply Filter

Approximately once every 6 months If you think the water pressure has weakened

1. Close the shutoff valve. (→Page 38)

- The water supply stops.

CAUTION

Do not remove the drain plug with water supply filter while the shutoff valve is open.
Otherwise, water may leak out.



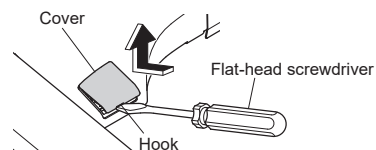
2. Press "Wand CLEAN" button.
(Release the pressure from the water supply pipe.)

3. Turn the power "OFF". (→Page 28)

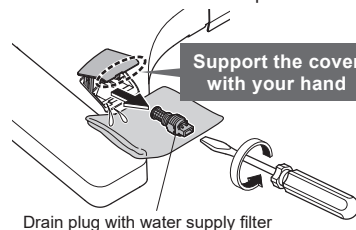
4. Open the toilet seat and lid.

5. Open the cover and remove the drain plug with water supply filter.

- 1) Insert a flat-head screwdriver in the hook of the cover to open it.



- 2) Loosen the drain plug with water supply filter with a flat-head screwdriver and then pull it.

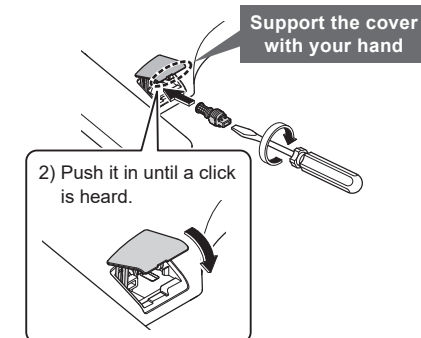


6. Clean the filter with a tool such as a toothbrush.

- Also, remove any dust from inside the hole of the drain plug with water supply filter.

7. Reinstall the drain plug with water supply filter and close the cover.

- 1) Insert the drain plug with water supply filter and use a flat-head screwdriver to tighten it securely.



8. Turn the power "ON". (→Page 28)

- The "Power" LED illuminates.

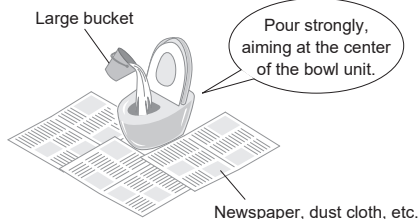
9. Open the shutoff valve. (→Page 12)

What to Do?

If the water does not flow due to a water service interruption

Make sure to also check the instruction manual of your bowl unit.

1. Use a bucket to flush the bowl unit.



2. If the water level is low after flushing, add more water.
(Until the water level does not rise further.)
► Prevents odors.

Attention

When the water supply is restored, make sure to first use water in the bath or kitchen (not with this product) to remove air from the water supply pipes.

Otherwise, air or foreign objects may enter this product, causing failure.

After that, be sure to perform a full flush.

To prevent waste from remaining in the drain pipe.

Freeze Damage Prevention

When the ambient temperature is likely to drop to 32 °F (0 °C) or lower, take measures to prevent freezing.

Attention

When the ambient temperature is likely to drop to 32 °F (0 °C) or lower, do not use the energy saver feature.

Otherwise, the product may break down.

Warm the bathroom or take measures against freezing so that the ambient temperature does not drop below 32 °F (0° C).

How to Freeze Damage Prevention

1. Close the shutoff valve. (→Page 38)

► The water supply stops.



CAUTION

Do not remove the drain plug with water supply filter while the shutoff valve is open.

Otherwise, water may leak out.

2. Drain the water from the toilet tank.
Manipulate the lever/button/etc. until the water stops.

WAND
CLEAN



- 3.

Press "Wand CLEAN" button.

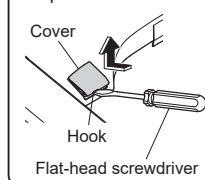
(Release the pressure from the water supply pipe.)

4. Turn the power "OFF". (→Page 28)

5. Drain the pipe.

- 1) Open the toilet seat and lid.

- 2) Insert a flat-head screwdriver in the hook of the cover to open it.

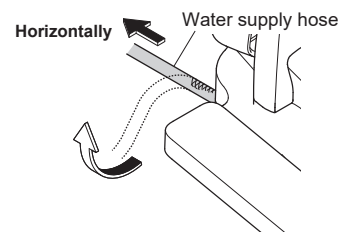


- 3) Loosen the drain plug with water supply filter with a flat-head screwdriver and then pull it.

Support the cover with your hand

Drain plug with water supply filter

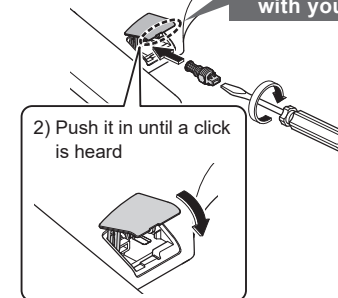
- 4) Only if the water supply hose is exposed on the side of the main unit.
Drain the water from the water supply hose.



6. Reinstall the drain plug with water supply filter and close the cover.

- 1) Insert the drain plug with water supply filter and use a flat-head screwdriver to tighten it securely.

Support the cover with your hand



7. Turn the power "ON". (→Page 28)

► The "Power" LED illuminates.

8. Set the toilet seat temperature to "High". (→Page 18)

► To maintain the temperature, close the toilet seat and toilet lid after finishing work.

To use the product again

► The water needs to be resupplied. (→Page 37)

What to Do?

Long Periods of Disuse

If the toilet is in a location you will not visit for a long time, drain the water.

Water inside the product may become contaminated and cause skin irritation or other problems. (The water may freeze, causing damage to the product.)

Attention

When there is a risk of freezing, take measures to prevent freezing. (→Pages 34, 35)
Otherwise, the product may break down.

How to drain the water

1. Close the shutoff valve. (→Page 38)
► The water supply stops.

CAUTION

Do not remove the drain plug with water supply filter while the shutoff valve is open.
Otherwise, water may leak out.

2. Drain the water from the toilet tank.
Manipulate the lever/button/etc. until the water stops.

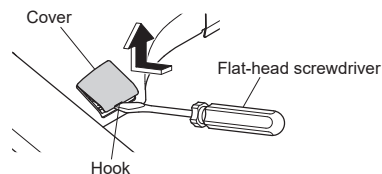
WAND
CLEAN

3. Press "Wand CLEAN" button.
(Release the pressure from the water supply pipe.)

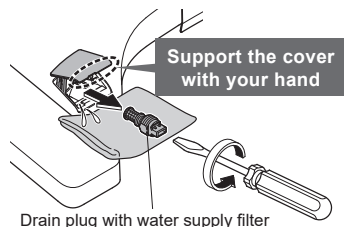
4. Turn the power "OFF". (→Page 28)

5. Drain the pipe.

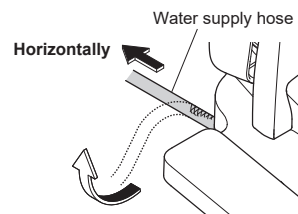
- 1) Open the toilet seat and lid.
- 2) Insert a flat-head screwdriver in the hook of the cover to open it.



- 3) Loosen the drain plug with water supply filter with a flat-head screwdriver and then pull it.

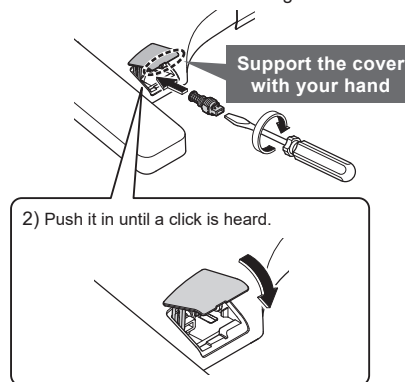


- 4) Only if the water supply hose is exposed on the side of the main unit.
Drain the water from the water supply hose.



6. Reinstall the drain plug with water supply filter and close the cover.

- 1) Insert the drain plug with water supply filter and use a flat-head screwdriver to tighten it securely.



If water may get frozen

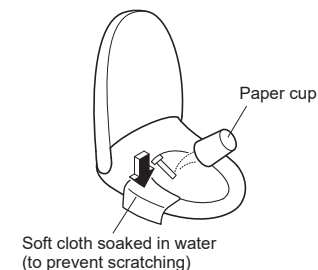
- Add antifreeze solution to the water in the bowl to prevent freezing.
The antifreeze solution should not be flushed out. Collect it before using the toilet and dispose of it.

To use the product again

- The water needs to be resupplied. (→See right.)

Resupplying the Water

1. Open the shutoff valve. (→Page 12)
► Check that water is not leaking from a pipe or the main unit.
2. If the power is not on, turn the power ON. (→Page 28)
► The "Power" LED illuminates.
3. Discharge water from the wand.
 - 1) Pressing down the left side of the toilet seat, REAR/SOFT
 - 2) Press "Rear washing" button to discharge water from the wand.
► Catch the water in a paper cup or other receptacle.
 - 3) Release your hand from the toilet seat



If the remaining water has frozen and no water comes out

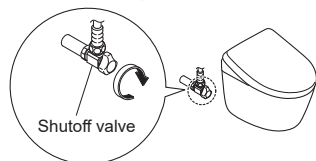
- Heat the inside of the bathroom, and warm the water supply hose and shutoff valve using a cloth soaked in warm water.

Troubleshooting

First, try the actions described on Pages 38–42. If the problem persists, consult the installer, seller or TOTO customer service (→see contact information on the back cover).

CAUTION

If a water leak occurs, close the shutoff valve.



Please check first (A, B)

A: Is the Power LED illuminated?
Is the main unit working?

Is the breaker on the distribution board turned on?

- Check whether there is a power outage or the breaker has turned "OFF".

Is the "Power ON/OFF" setting "OFF"?

- Switch it to "ON" with the control panel. (→Page 12 Step 1-1.2)

Is the "Power" LED on the main display flashing?

- The main unit is not mounted properly. Mount them correctly again. (→Page 30)

B: Is the Energy saver LED lit?

- While the LED is lit, energy saver (→Pages 22, 23) is in operation, so the toilet seat temperature may be reduced or the heater may be turned off.

Rear Washing, Front Washing and Wand

Trouble	Please check
The wand (or washing water) does not come out	When the temperature is low, for example in winter, it takes time for the wand to come out after the control panel button is pressed because the water must be warmed up first. Has the toilet been sat "ON" and used continuously for 2 hours or longer? (If so, operation is stopped for safety purposes.) ► Stand up from the seat and then use again. If the water supply pressure drops significantly, for example if water is used elsewhere or if there is a water failure, the function may stop for safety. ► Turn the power OFF and wait about 10 seconds before turning the power ON again. (→Page 12) If the above symptom reappears There may be a malfunction. ► Consult with TOTO customer service (→see contact information on the back cover). The seat switch will not turn on unless you sit on the seat properly. ► Sit back on the toilet seat. (→Page 9) Are you using a toilet seat cover, a toilet lid cover or a seat for infants? ► Remove any covers. When using a seat for infants or a soft highchair, remove after each use. (→Page 9) Are you pressing "Wand CLEAN" button? When you press "Wand CLEAN" button, "EWATER+" comes out from the vicinity of the wand to clean the wand. ► To clean the wand with it extended, perform "Wand cleaning". (→Page 32)
The wand extends but the washing water does not come out / The washing water pressure is weak	Has a water failure occurred? ► Press "Stop" button on the control panel and wait until water service is restored. Is the shutoff valve closed? ► Fully open the shutoff valve. (→Page 12) Is the drain plug with water supply filter clogged with foreign matter? ► Clean the filter. (→Page 33) Is the water pressure set to a low level? (→Page 16)
The washing water is cold	Is the warm water temperature set to "OFF" or a low level? (→Pages 18, 19) When the temperature of the water supply or the bathroom is low, the water temperature may be low when first sprayed.
Stops in the middle of use	"Rear washing", "Rear soft washing" and "Front washing" stop automatically after 5 minutes of continuous use. Does the seat switch have difficulty detecting? ► Sit back on the toilet seat. If you get up slightly from the seat, or sit forward on the seat, the seating switch may temporarily stop detecting your presence. (→Page 9)
Water comes out unexpectedly from the wand	When you sit on the toilet seat, water comes out for several seconds while water is warmed up. Is the Wand CLEAN LED flashing? ► "Auto wand CLEAN" starts and the wand is cleaned. (→Page 15)



Troubleshooting

Warm air drying

Trouble	Please check
The dryer temperature is low	Is the dryer temperature set to low level? (→Page 18)
Stops in the middle of use	The feature stops automatically after about 10 minutes of continuous use. Does the seat switch have difficulty detecting? ► Sit back on the toilet seat. If you get up slightly from the seat, or sit forward on the seat, the seating switch may temporarily stop detecting your presence. (→Page 9)

Toilet Seat and Toilet Lid

Trouble	Please check
The toilet seat is cold	Is the toilet seat temperature set to "OFF" or a low level? (→Pages 18, 19) Is energy saver in operation? The energy saver feature is on when the "Energy saver" LED is on and the "Power" LED is off on the main display. When you sit on the seat, the toilet seat heater is turned on temporarily and the seat is warmed in about 15 minutes. (→Pages 22, 23) ► You can turn it "OFF" if the energy saver feature is "ON". (→Page 24) Have you been seated for a long time? After about 20 minutes of sitting, the temperature starts going down, and after about 1 hour, the toilet seat heater is turned "OFF". ► Stand up from the seat and then use again. Is a toilet lid or seat cover installed? ► Remove any covers. (→Page 9)

Energy Saver

Trouble	Please check
The timer energy saver feature is not working	Has the power to the product been turned "OFF" or was there a power outage? When the power is turned off once, the "Timer energy saver" LED flashes to notify you. ► The setting is cancelled. Set them again. (→Page 22)
The auto energy saver feature is not working	Because this function takes several days learning the usage conditions before starting energy saver, the amount of energy saving may be low, depending on the frequency of use. ► Check the energy saver setting. (→Pages 22, 23)

Deodorizer

Trouble	Please check
The deodorizer seems to be not working	Is "Deodorizer" set to "OFF"? ► Set to "ON". (→Page 26) Even after sitting down, you do not hear operation sounds. ► Sit back on the toilet seat. If you hear an operation sound from the deodorizer, but odors are not removed. ► Clean the deodorizing filter. (→Page 32)
A strange odor is emitted	Are you using an air freshener or deodorizer that you purchased separately? Doing so may reduce the effectiveness of the product's deodorizer or cause strange odors. ► Remove the air freshener or deodorizer.
The auto power deodorizer feature is not working	Is "Auto power deodorizer" set to "OFF"? ► Set to "ON". (→Page 26) The auto power deodorizer starts about 10 seconds after you stand up from the toilet seat.

Pre-mist

Trouble	Please check
Pre-mist is not sprayed	Is "Pre-mist" set to "OFF"? ► Set to "ON". (→Page 25) Pre-mist does not activate for about 90 seconds after standing up from the toilet seat.

Lights

Trouble	Please check
The soft light does not light up	Is "Soft light" turned OFF? ► Set to "ON". (→Page 27)
The soft light lights permanently	Is "Soft light" turned ON? ► If it is turned ON, the Soft light lights permanently. You can turn it "OFF". (→Page 27)
The soft light timer is not working	Has the power to the product been turned "OFF" or was there a power outage? ► The setting is cancelled. Set them again. (→Page 27)

Troubleshooting

Others	
Trouble	Please check
Water is leaking from the plumbing connections	If the nut of the connecting pipe is loosened, retighten it by hand. Do not use any tool. ► If the water leak does not stop, close the shutoff valve and consult with TOTO customer service. (<i>→see contact information on the back cover</i>)
The main unit is unstable	There is clearance between the toilet seat cushion and the bowl unit for activating the seat switch. ► When you sit on the toilet seat, the toilet seat subsides slightly to activate the seat switch. (<i>→Page 9</i>) Are the bolts that anchor the main unit loose? ► Remove the main unit and then firmly tighten the base plate bolts.
The main unit makes a sound	When sitting on the toilet seat If "Pre-mist" is "ON", you may hear pre-mist spraying in the bowl unit to make it more difficult for dirt to adhere. ► You can turn it "OFF". (<i>→Page 25</i>) When moving away from the bowl unit after use When "Auto power deodorizer" is "ON", operation sounds are made while the deodorizing power increases for 60 seconds after you stand up from the toilet seat. ► You can turn it "OFF". (<i>→Page 26</i>) If "Auto wand CLEAN" is "ON" and you use the washing functions (e.g., Rear washing and Front washing), you may hear that the wand is extended and cleaned with "EWATER+". ► You can turn it "OFF". (<i>→Page 25</i>) You may hear that the wand is extended and the remaining water in the product is drained after "Auto wand CLEAN" and other functions are performed. You may hear the fan ventilating the unit. (About 30 minutes) When not using the product (e.g., at night) If "Auto wand CLEAN" is "ON" and you do not use the washing functions (e.g., Rear washing and Front washing) for about 8 hours, you will hear that the wand is cleaned with "EWATER+" and then the remaining water is drained from inside the product. ► You can turn it "OFF". (<i>→Page 25</i>) Operating noise may occur for extending the wand to prevent damage due to freezing by discharging the water remaining within the product.
The timer energy saver LED is flashing	Has the power to the product been turned "OFF" or was there a power outage? When the power is turned off once, the "Timer energy saver" LED flashes to notify you. ► The setting is cancelled. Set them again. (<i>→Page 24</i>)
You feel air in the bowl unit when sitting on the toilet seat	A mist is sprayed inside the bowl unit to make it more difficult for dirt to adhere when sitting on the toilet seat. You may feel air when a mist is sprayed. ► You can turn it "OFF". (<i>→Page 25</i>)

Specifications

Item	SW3346	SW3345
Rated power supply	AC 120 V, 60 Hz	
Rated power consumption	1273 W	
Maximum power consumption	1428 W	1427 W
Type of water heater	Instantaneous type	
Power cord length	3.9 ft (1.2 m)	
Water protection level	IPX4	
Washing		
Spray volume ^{*1}	Rear washing: Approx. 0.07-0.11 gal/min (Approx. 0.27-0.43 L/min)	
	Rear soft washing: Approx. 0.07-0.11 gal/min (Approx. 0.27-0.43 L/min)	
	Front washing: Approx. 0.08-0.11 gal/min (Approx. 0.29-0.43 L/min)	
Water temperature	Adjustable temperature range: OFF, about 95 - 104 °F (about 35 - 40 °C)	
Heater capacity	1116 W	
Safety device	Temperature fuse	
Backflow prevention device	Vacuum breaker, Check valve	
Heated seat		
Surface temperature	Adjustable temperature range: OFF, about 82 - 97 °F (about 28 - 36 °C) <Auto energy saver: about 79 °F (about 26 °C)>	
Heater capacity	47 W	46 W
Safety device	Temperature fuse	
Deodorizer		
Method	0: deodorization	
Airflow volume	Normal mode: Approx. 3.18 ft³/min (Approx. 0.09 m³/min), Power mode: Approx. 5.65 ft³/min (Approx. 0.16 m³/min)	
Power consumption	Normal mode: Approx. 1.6 W, Power mode: Approx. 4.0 W	
Warm air dryer		
Warm air temperature ^{*2}	Adjustable temperature range: about 95 - 140 °F (about 35 - 60 °C)	
Airflow volume	Approx. 8.83 ft³/min (Approx. 0.25 m³/min)	
Heater capacity	238 W	
Safety device	Temperature fuse	
Water supply pressure	Minimum required water pressure: 7.25 PSI (0.05 MPa) <Dynamic>, Maximum water pressure: 108.75 PSI (0.75 MPa) <Static>	
Water supply temperature	32 - 95 °F (0 - 35 °C)	
Working ambient temperature	32 - 104 °F (0 - 40 °C)	
Dimensions	W 1.54 x D 1.75 x H 0.46 ft (W 469 x D 533 x H 139 mm)	W 1.54 x D 1.59 x H 0.46 ft (W 469 x D 486 x H 139 mm)
Weight	About 11 lb (about 5 kg)	

When disposing of this product, please follow your local or state guidelines for proper disposal.

^{*1} At 29 PSI (0.20 MPa) (dynamic) water pressure

^{*2} Temperature around the warm air outlet measured by TOTO.

Limited Warranty

One Year Limited Warranty

1. TOTO warrants its product to be free from defects in materials and workmanship during normal use when properly installed and serviced, for a period of one (1) year from date of purchase. This limited warranty is extended only to the ORIGINAL PURCHASER of the Product and is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product. This warranty applies only to TOTO Product is purchased and installed in USA and Canada.
2. TOTO's obligations under this warranty are limited to repair, replacement or other appropriate adjustment, at TOTO's option, of the Product or parts found to be defective in normal use, provided that such Product was properly installed, used and serviced in accordance with instructions.
TOTO reserves the right to make such inspections as may be necessary in order to determine the cause of the defect. TOTO will not charge for labor or parts in connection with warranty repairs or replacements. TOTO is not responsible for the cost of removal, return and/or reinstallation of the Product.
3. This warranty does not apply to the following items:
 - a) Damage or loss sustained in a natural calamity such as fire, earthquake, flood, thunder, electrical storm, etc.
 - b) Damage or loss resulting from any accident, unreasonable use, misuse, abuse, negligence, improper care, or maintenance of the Product.
 - c) Damage or loss resulting from sediments or foreign matter contained in a water system.
 - d) Damage or loss resulting from the quality of water in the region where the product is used.
 - e) Damage or loss resulting from improper installation or from installation of the Product in a harsh and/or hazardous environment, or improper removal, repair or modification of the Product. This includes locations where the water pressure is above local codes or standards. (NOTE : Product model codes allow a maximum of 80 PSI. Check local codes or standards for requirements).
 - f) Damage or loss resulting from electrical surges or lightning strikes or other acts which are not the fault of TOTO or which the Product is not specified to tolerate, including failure to use the factory equipped cord and plug or use of a loose or faulty electrical outlet or use of a current or socket other than a 120 V, 60 Hz electrical current from a GFI (ground, fused) socket.
 - g) Damage or loss resulting from normal and customary wear and tear, such as gloss reduction, scratching or fading over time due to use, cleaning practices or water or atmospheric conditions, including but not limited to, the use of bleach, alkali, acid cleaners, dry (powder) cleaners or any other abrasive cleaners or the use of metal or nylon scrubbers.
4. If the Danger Label which has been placed over the seams on the back of the Products main unit is broken or otherwise not intact, this limited warranty is void.

5. In order for this limited warranty to be valid, proof of purchase is required. TOTO encourages warranty registration upon purchase to create a record of Product ownership at <http://www.totousa.com>. Product registration is completely voluntary and failure to register will not diminish your limited warranty rights.
6. If the Product is used commercially or is installed outside of USA or Canada. TOTO warrants the Product to be free from defects in materials and workmanship during normal use for one (1) year from the date of installation of the Product, and all other terms of this warranty shall be applicable except the duration of the warranty.
7. This warranty gives you specific legal rights. You may have other rights which vary from state to state, province to province or country to country.
8. To obtain warranty repair service under this warranty, you must take the Product or deliver it prepaid to a TOTO service facility together with proof of purchase (original sales receipt) and a letter stating the problem, or contact a TOTO distributor or products service contractor, or write directly to TOTO U.S.A., INC., 1155 Southern Road, Morrow, GA 30260 (888) 295 - 8134 or (678) 466-1300, if outside the U.S.A. If, because of the size of the Product or nature of the defect, the Product cannot be returned to TOTO, receipt by TOTO of written notice of the defect together with proof of purchase (original sales receipt) shall constitute delivery. In such case, TOTO may choose to repair the Product at the purchaser's location or pay to transport the Product to a service facility.

WARNING! TOTO shall not be responsible or liable for any failure of, or damage to, this Product caused by either chloramines in the treatment of public water supply or cleaners containing chlorine (calcium hypochlorite).
NOTE: The use of a high concentrate chlorine or chlorine related product's can seriously damage the fittings. This damage can cause leakage and serious property damage.

THIS WRITTEN WARRANTY IS THE ONLY WARRANTY MADE BY TOTO. REPAIR, REPLACEMENT OR OTHER APPROPRIATE ADJUSTMENT AS PROVIDED UNDER THIS WARRANTY SHALL BE THE EXCLUSIVE REMEDY AVAILABLE TO THE ORIGINAL PURCHASER. TOTO SHALL NOT BE RESPONSIBLE FOR LOSS OF THE PRODUCT OR FOR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OR EXPENSES INCURRED BY THE ORIGINAL PURCHASER, OR FOR LABOR OR OTHER COSTS DUE TO INSTALLATION OR REMOVAL, OR COSTS OF REPAIRS BY OTHERS, OR FOR ANY OTHER EXPENSE NOT SPECIFICALLY STATED ABOVE. IN NO EVENT WILL TOTO'S RESPONSIBILITY EXCEED THE PURCHASE PRICE OF THE PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTIES, INCLUDING THAT OF MERCHANTABILITY OR FITNESS FOR USE OR FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSION MAY NOT APPLY TO YOU.

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