


Washlet® S400/S300 installation manual












- Before installing your Washlet, be sure to read the following installation instructions and install the product only as described in this manual.

Installation information

- Please be sure to use the base plate that comes with your unit. The Washlet cannot be installed using any other base plate.
- For the S400 type, please be sure to install the toilet flushing unit before setting the Washlet in place. (To ease installation and prevent damage or scratches.)
- When opening the toilet lid by pressing the  on the remote control and the toilet lid runs into the tank or the wall, please affix the enclosed cushion pad to absorb the noise and prevent damage. (S400 only)

Safety Precautions


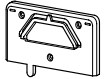
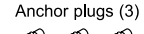


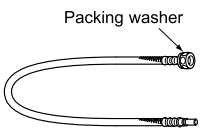
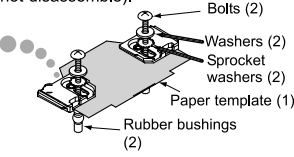







Follow all safety precautions and warnings when installing the Washlet

 Indicates prohibited activities.	 Indicates mandatory activities.
 Warning Indicates that mishandling could lead to the possibility of a fatal or serious injury.	 Caution Indicates that mishandling could lead to the possibility of personal injury or of physical damage.
 Do not install in bath or shower areas where there is a lot of moisture. (Fire or electric shock could result.)	Do not lift the product by the toilet seat or toilet lid. (The main unit could fall away and cause damage or injury.)
Use only the specified power supply (120 VAC). (Fire could result.)	 Do not bend or flatten the water hose. (Leaks could result.)
 Do not use damaged power supply plugs or cords or have the plug not in the outlet properly. (Fire or electric shock could result.)	Do not remove the water filter when the water shut off valve is open. (Water will spray out.)
Use only tap water or potable well water (underground water). (Inflammation of the skin could result.)	 Installation is to proceed as stated in the installation manual. (Improper installation could cause leaks, electric shock or fire.)
 Insert the power supply plug completely and securely. (Otherwise, fire or electric shock could result.)	 Tighten the filter housing completely. (Otherwise, leaks could result.)
 Always use a grounded (three prong) outlet and connect to a GFCI (Ground Fault Circuit Interrupter). Otherwise, risks of fire or electric shock may result.	

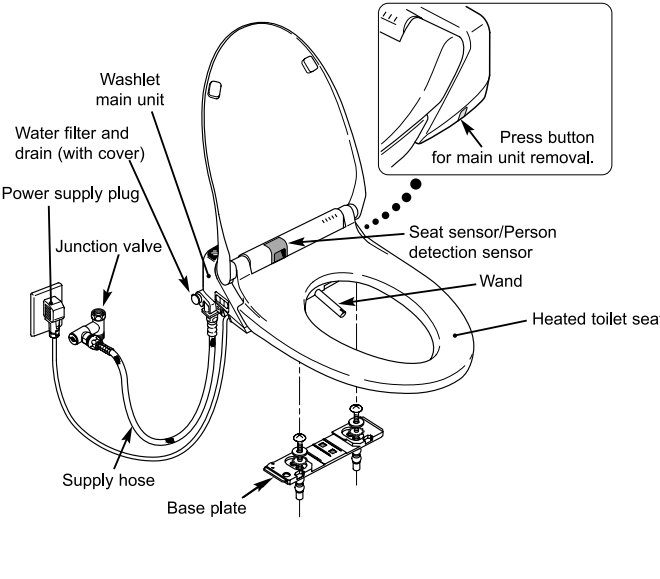
Before installing the Washlet®

1. Please do not run power or water through the product until the entire installation is finished.
2. Please do not attach the base plate to the Washlet and run power through the main unit before attaching it to the toilet. Doing so would turn the heater on while the water tank was empty and could damage the unit.
3. The power supply is 120 V (60 Hz) and the rated power is 1277 W. Please check that the wiring is suitable for this power level. Install on a dedicated circuit.
4. The length of the power cord is approximately 3 feet (1 m). Please confirm that the outlet is located within reach.
5. The supply water pressure range is 20 PSI to 80 PSI (0.14 MPa to 0.55 MPa). Please use the product within this range of pressure.
6. The supply water is to be 32° to 95°F (0° to 35°C). Please use the product within this temperature range.
7. Only use the junction valve and supply hose included in the package.

Parts Identification

Remote control parts  Remote control (S400 shown)  Remote control hanger  Anchor plugs (3)  Screws (3)  Remote control batteries (two AA)	Water supply hose Length: 1.5 feet (500 mm)  Packing washer
Base plate parts * Please attach to the toilet (Do not disassemble).  Bolts (2) Washers (2) Sprocket washers (2) Paper template (1) Rubber bushings (2)	Junction valve  Packing washers (2)
Cushion With owner's manual (for S400 only)  One piece	Owner's manual (3) How-to-Use sheet (3) Installation manual (3) (this booklet) Warranty Card  Hook (1)    

Parts and Features



Labels in diagram:

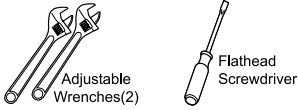
- Washlet main unit
- Water filter and drain (with cover)
- Power supply plug
- Junction valve
- Supply hose
- Base plate
- Seat sensor/Person detection sensor
- Wand
- Heated toilet seat
- Press button for main unit removal.

Installing the Washlet®

1 Position the Washlet® on the toilet.

The instructions and illustrations for this section are for common toilets found in most homes. Your toilet may vary in appearance. If you cannot find a described fixture or connection on your toilet, you may have a custom toilet installation that requires professional installation for the Washlet.

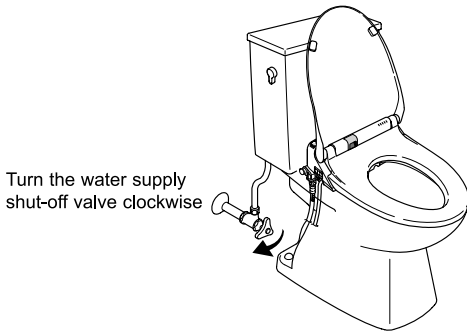
Tools you will need:



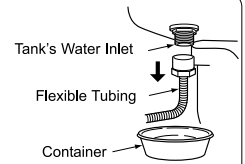
Caution

- If you are not familiar with plumbing and installing plumbing fixtures, you may need to hire a contractor to do this installation.
- Improper tightening of a connection, either under-tightening or over-tightening can result in water leakage.

- 1 Close the water supply shut-off valve near the wall. Flush the toilet to empty the water tank, and place a container under the tank's water inlet. If water flows into the toilet or water tank, check the water supply shut-off valve to make sure it is completely closed. Failure to completely close this valve may result in flooding when the flexible tubing is disconnected in the next step.



- 2 Remove the flexible tubing (or metal / copper tubing) from the tank's water inlet using an adjustable wrench. Drain the water from the flexible tubing into a container.



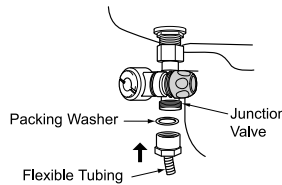
Notes

- If your tank is connected to the water supply shut-off valve with metal or copper tubing, you must replace it with flexible tubing.
- Check the condition of the flexible tubing. If it is cracked, worn or damaged, replace it before continuing this procedure.

- 3 Place the packing washer inside the nut on the junction valve, and install the junction valve onto the tank's water inlet using an adjustable wrench. Make sure the washer is seated properly on the junction valve.



- 4 Install the flexible tubing onto the junction valve. You may need to replace the packing washer on the flexible tubing if it is worn or damaged.



Caution

- Do not overtighten the nuts. Overtightening can damage the connection and cause leaks. Use moderate pressure to tighten the nuts.
- When tightening the junction valve, make sure that the hose does not become bent. If the hose should become bent, the water supply may not be able to reach the Washlet.

Notes

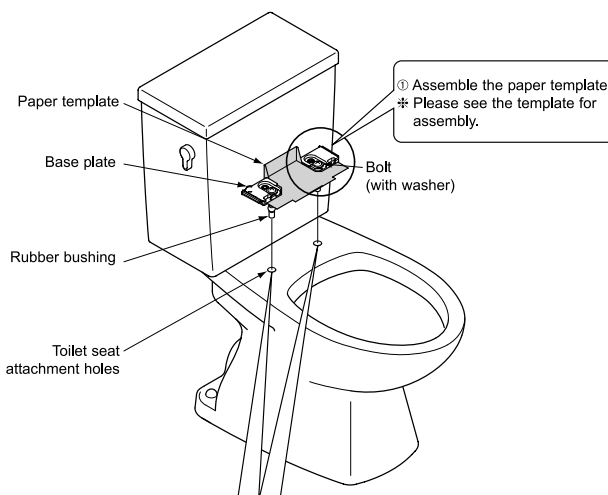
If you have removed the metal or copper supply tubing in step 2, you must replace it with flexible tubing.

2 Base plate installation

- Caution:**
- Even when replacing a product that has a base plate, please be sure to use the base plate that comes with this product.
 - ※The Washlet cannot be installed using any other base plate (Even if the unit appears to fit).

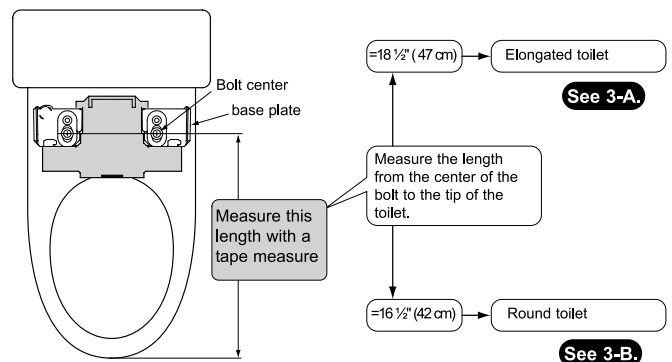
- 1 Set the base plate in place
 - The paper template with the base plate is for positioning the Washlet for installation. Please use this paper template and install the Washlet properly.

- Caution:**
Please do not disassemble the base plate parts.



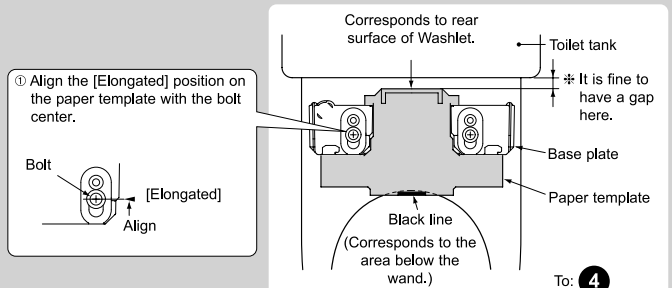
- 2 Press the rubber bushings into the attachment holes in the toilet (One on right, one on left)
※ The rubber bushings are easier to insert if they are wet.

- 2 Check the size of the toilet



- 3 Base plate positioning

3-A For Elongated size toilets



3-B For round size toilets

① Align the center of the bolt with the [Round] position on the paper template.

② Check conditions A and B.

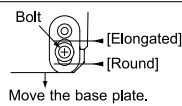
A Look for a gap between the toilet tank and the rear of the paper template

- There is a gap. (1/16" (2 mm) or more is desirable.)
- ✗ No gap. The Washlet cannot be installed without a gap.

B Does the black line on the template hang over the rim of the toilet or does it meet it?

③ If both conditions A and B are satisfied, go to ④.

If either condition A or B is not met, please move the base plate as shown at right so that both conditions A and B are met.



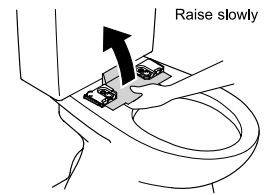
4 Fix base plate in place

① Hold the base plate securely with your hand so that it won't slip.

② Tighten the bolts tightly, using a Phillips head screwdriver until it no longer turns.

Tighten until the base plate touches the toilet

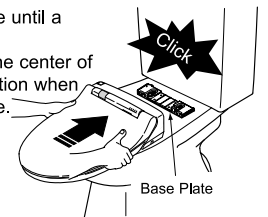
5 Remove the paper template



3 Installing the Washlet®

① Push the Washlet back onto the base plate until a "click" is heard.

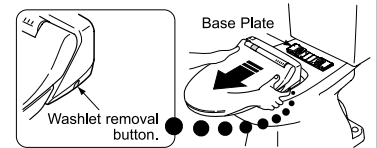
- Aligning the center of the Washlet and the center of the base plate will make it easier to position when pushing the Washlet backward into place.



Caution: If the unit does not install properly, please remove it, reposition the base plate and reinstall the unit.

Removing the Washlet

- Press and hold the Washlet removal button and pull it forward.

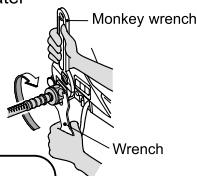


- * When attaching the Washlet to the toilet, there will be some looseness. (This is normal. It is the gap in the slider allowing the one-touch removal.)
- * The tip of the toilet seat may extend beyond the toilet a little bit or the toilet rim may be visible. This is normal.
- * If the toilet seat falls forward when opened, remove the Washlet and reattach the base plate farther forward so that the toilet lid will stay up.
- * Depending upon the toilet, the tip of the toilet seat may stick out slightly. If it sticks out a lot, please adjust the base plate position again.

4 Connecting the water supply hose

① Attach the supply hose nut to the supply port on the Washlet.

- * Please do not place the product on the floor in this state. The water supply hose could become kinked and cause a leak.



Caution

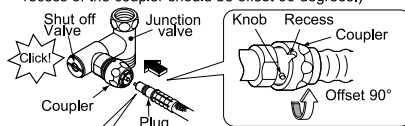
Please hold the supply port in place with a monkey wrench when connecting the supply hose. (Unnecessary force on the supply port could damage the port, causing leaks.)

Important!



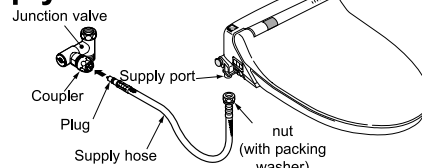
The Washlet port rotates sideways and downward. For a one piece toilet, please turn the port sideways.

② Press the water supply hose into the couple of the junction valve. Do not hold the coupler back when inserting (the hose will not connect fully and will leak). (The knob and recess of the coupler should be offset 90 degrees.)



* Please try not to scratch the metal fittings. Also, please remove debris or dust.

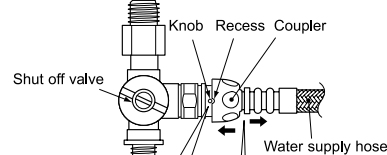
Important!
Please push the plug in until you hear a "click!"



Removing the water supply hose

When removing the water supply hose to adjust the position, please use the following procedure.

- ① Turn off the water shut off valve.
- ② Empty the toilet tank



- ③ Align the knob and recess in the coupler and push back.
- ④ With the coupler pushed back, remove the supply hose.

5 Checking the power supply plug

Caution (S400 only)

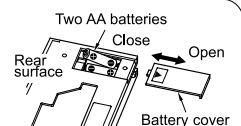
When the power plug is plugged in and the toilet lid opens it will set itself. If the lid runs into anything, the next time the lid opens it will stop at that point (or close). (It stores the first open position.) When there are no obstacles, please unplug the power, plug it back in and press the button on the remote.

- ① Plug the power plug into a 120 V (60 Hz) outlet.
 - * Please make sure that the wand goes through the initial operation of extending and going back in.

6 Installing the remote control

① Open the battery cover and insert the remote control batteries.

- * Please do not get the battery direction (polarity) wrong.



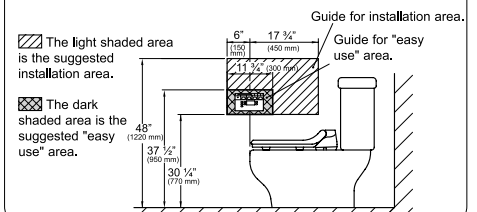
② Run the following check and determine where the remote will be installed.

<Check comfort>

- Work the controls while seated on the toilet seat and determine where to install the remote.

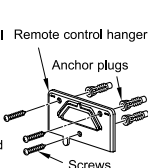
<Check operation>

- Please press "wand cleaning" and make sure that the wand extends and retracts.
- If it won't work with the remote, vary the position of the remote within the range shown below or try checking it from the opposite wall.

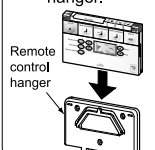


③ Affix the remote control hanger to the wall with screws.

- Drilling 1/8" (3 mm) pilot holes in the wall will make the installation easier.
- For plasterboard or tile, drill 1/4" (6 mm) pilot holes that are 1 1/4" (33 mm) deep and use the included anchor plugs for the installation.



④ Set the remote control in the hanger.

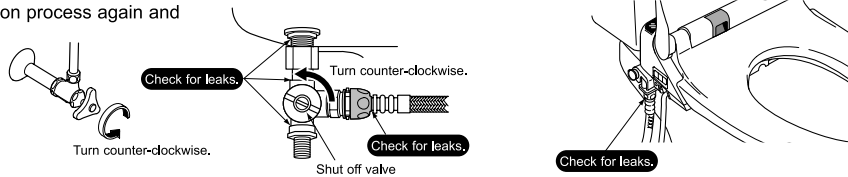


Trial operation

- Please check to make sure that the "Power On/Off" switch is "on" before and after the trial operation. (When "on," the "Power" LED will be on.)
- When the "Power On/Off" switch is "off," the Washlet will not operate even when the power supply plug is plugged in. Please do not turn the "Power On/Off" switch off, even if it will be a while before the product is to be used by the customer.

1 Inspecting for leaks

- Check again for looseness in the plumbing joints before turning on the water.
 - Check for leaks from the plumbing joints with the shut off and junction valves open.
 - Check for leaks from the water supply connections in the Washlet.
- * If there are any leaks, go through the installation process again and stop any leaks.



2 Check functions

- 1 Cover the seat sensor with white paper.

 - When covered with white paper, the sensor will detect someone seated and spray water from around the wand for several seconds. (If the toilet seat is not down, the seated sensor will not work.)
- 2 Check deodorizer function

 - Is the "Deodorizer" light on the Washlet on?
 - Does air come out of the right, rear side of the Washlet?
- 3 Check the wash functions

 - When [] is pressed, does suitably warm water come out of the wand?
 - Does the water pressure change when the pressure adjusting [] arrows are pressed?
 - Does it stop when [] is pressed?
- 4 Check the drying function

 - Does warm air come out of the port near the right side of the wand when [] is pressed?
 - Does it stop when [] is pressed?
- 5 Check the heated toilet seat function

 - It takes about 15 minutes for the toilet seat to warm up.
- 6 Remove the white paper from the seat sensor.
- 7 Check the automatic flushing functions (S400 only)

 - Open the toilet seat and lid and stand in front of the toilet for around 6 seconds. Does the toilet flush automatically around 3 seconds after moving away from it?
- 8 Check the remote toilet seat/lid open/close function (S400 only)

 - Do the toilet seat/lid open/close when [] are pressed?
- 9 Check the remote toilet flush function (S400 only)

 - * When checking the remote toilet flush function after an automatic flush, please wait for at least 10 seconds.
 - Does the toilet flush when [] is pressed?
- 10 Check the automatic open/close function (S400 only)

 - Please close the toilet seat and lid and move away from the toilet. Does the toilet lid open automatically when you stand in front of the toilet?
 - Please open the toilet seat after the toilet lid opens. Do the toilet seat and lid close around 90 seconds after moving away from the toilet?

Cleaning the water supply filter

- Please be sure to clean the water supply filter following trial operation. (If debris blocks the filter, the wash/ spray pressure will decrease.)

- 1 Turn off the water shut off valve and the junction valve to stop the supply of water.

 - Please drain the water out of the toilet tank. (This will remove the pressure in the supply water pipe.)

Caution
Do not remove the water drain and filter while the water shut off valve and junction valve are open. (Water will spray out.)
- 2 After opening the cap (grey) and loosening the water supply filter, pull it out.
- 3 Rinse the filter to remove any small debris

 - * Use a cotton swab to remove debris from inside the hole.
- 4 Press the filter into place and tighten securely.

Caution
Tighten the filter securely. (Leaks could result if not tightened securely.)
- 5 To access the "junction valve" filter, the junction valve cover must be removed. Use a large flathead screwdriver or coin and turn the valve cover counter-clockwise. Place a container underneath the junction valve. After removing the junction valve cover, gently pull the filter out.
- 6 Clean the filter.

Remove sediment from the filter using a toothbrush.
- 7 Insert the junction valve cover with filter.

Push the junction valve cover with filter into the junction valve and turn it clockwise. Be sure to tighten it securely.
- 8 Check to see that no water leaks from the junction valve cover or the filter when the shut off valve and junction fittings are turned on.
- 9 Replace the cap.

Note to installer:

- Please explain the functions and use of the Washlet to the customer. When it will be a while before the customer takes possession, such as for new home construction, please unplug the power cord but do not turn off using the power button. (Note: Please do not remove the plug if there is a danger of freezing temperatures.)