

Smart Toilet Technology

SmartToiletTM

w/ Odor Eliminator Core & Dual Flush Remote Control

INSTALLATION INSTRUCTIONS

KOR Toilet

www.kortoilet.com
929 N. Oak St. Spokane
WA 99201

Questions & Support:
Call or Text us at
(855) 434-5KOR
support@kortoilet.com

SmartToilet Installation Manual

Congratulations on your purchase of the KOR SmartToilet! We know you will get many years of odor-free enjoyment out of this amazing product. This manual is designed to provide you with all the information necessary to fully and properly install and operate your KOR SmartToilet. It includes step-by-step procedures for easy setup and operation of the various features included.

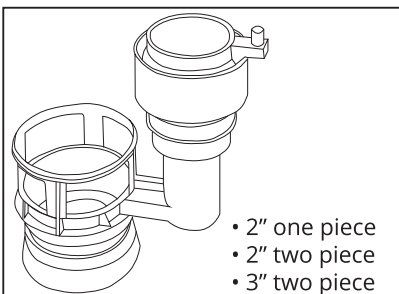
If you have any questions at all about installation, please visit kortoilet.com/installation for detailed instructional videos.

If you need immediate support please call or text us at 855-434-5567 or contact our support team at support@kortoilet.com.



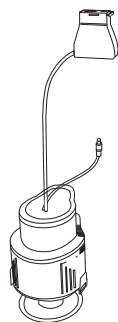
WHAT'S INCLUDED

Here is what you'll find in the package:

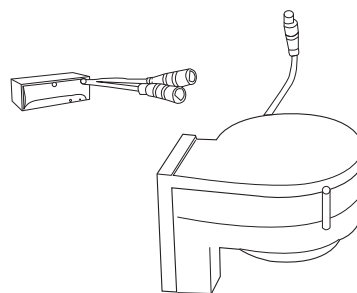


- 2" one piece
- 2" two piece
- 3" two piece
- 3" one piece

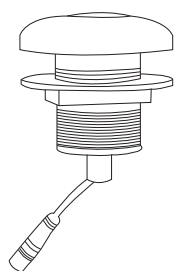
Flush Valve Base
(depending on your model)



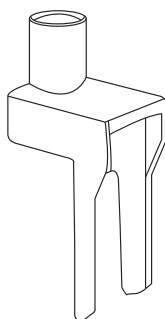
Flush Valve Body



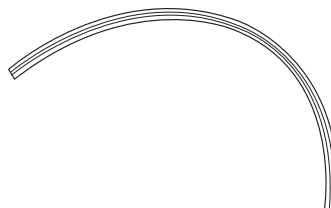
**Ozone and Catalyst
Deodorization Module**



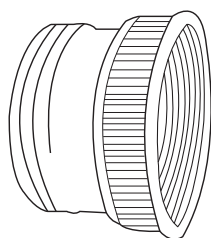
**Top Flush Button w/
Remote Control receiver**
(for models KS200 & KS400 only)



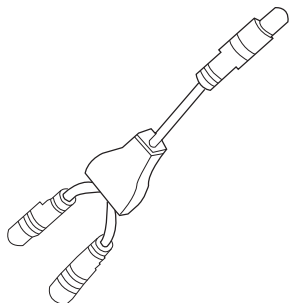
Water Refill Tube Clip



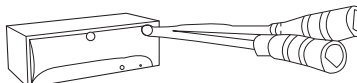
Refill Tube



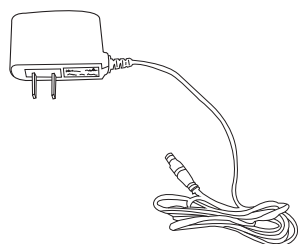
**Flush Valve Adaptor
Riser w/ Rubber Washer**
included and installed



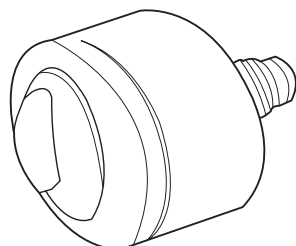
Split Connector



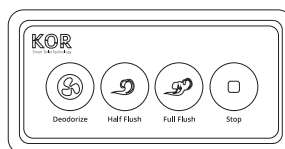
Remote Control Receiver
(Side Flush Only)



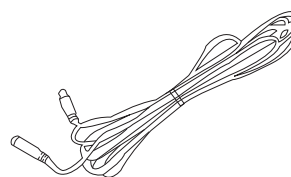
Power Adaptor



Side Push Button
(For models KS100 & KS300 only)



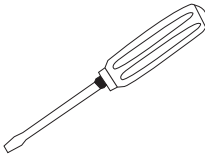
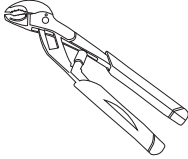
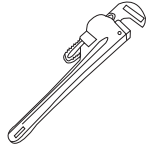
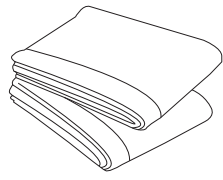
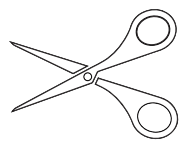
Wireless Remote
(Remote Control)



Power Adaptor Extension Wires

9 ft Extension Wire (1pc)
4.5 ft Extension Wire (1pc)

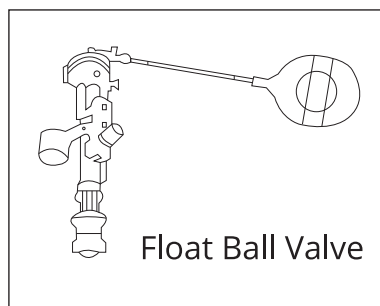
TOOLS YOU WILL NEED

 Flat head screwdriver	 Adjustable Wrench	 Monkey Wrench (3")	 Towels	 Scissors
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ADDITIONAL ITEMS (NOT INCLUDED)

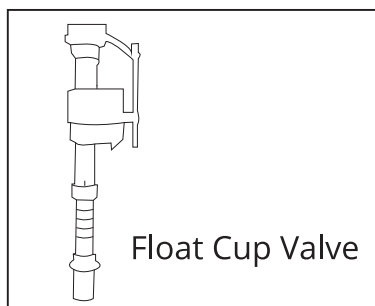
Fill Valve

Older model toilets in the U.S. may use fill valves with a float ball (like the one pictured below). If your toilet has one of these, you will need to replace it with a newer, more efficient style that does not have the float ball. They can be purchased at your local hardware store for anywhere from \$3-\$10.



Float Ball Valve

OLD



Float Cup Valve

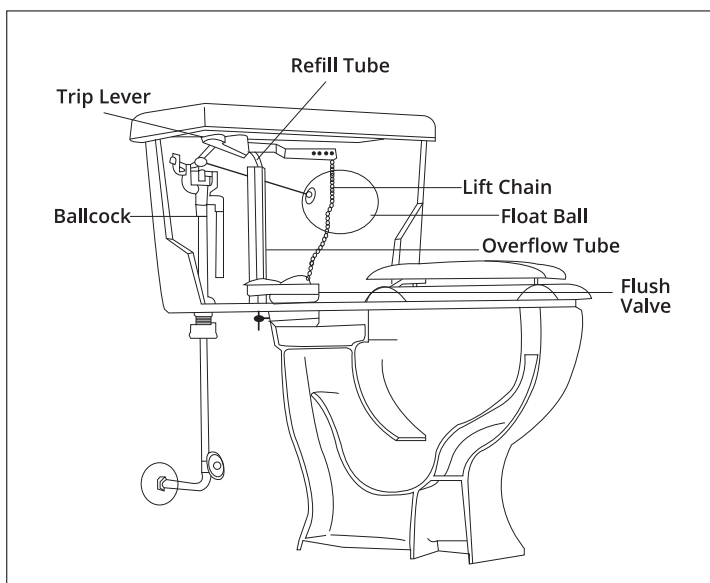
NEW

PRE-INSTALLATION INSTRUCTIONS

You will be removing the toilet tank to install your SmartToilet. You will also need to remove most of the components inside the toilet, except for the fill valve. They will be replaced with the components included.

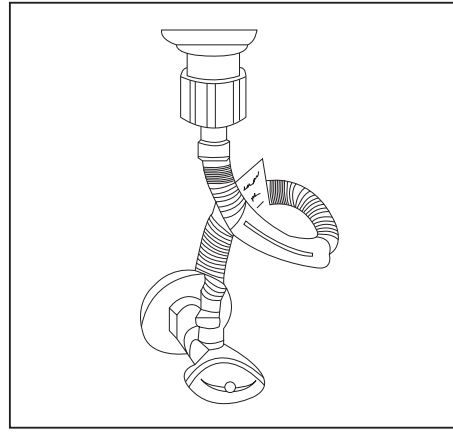
You will be removing the following:

- Trip lever
- float ball (if you have one)
- flush valve



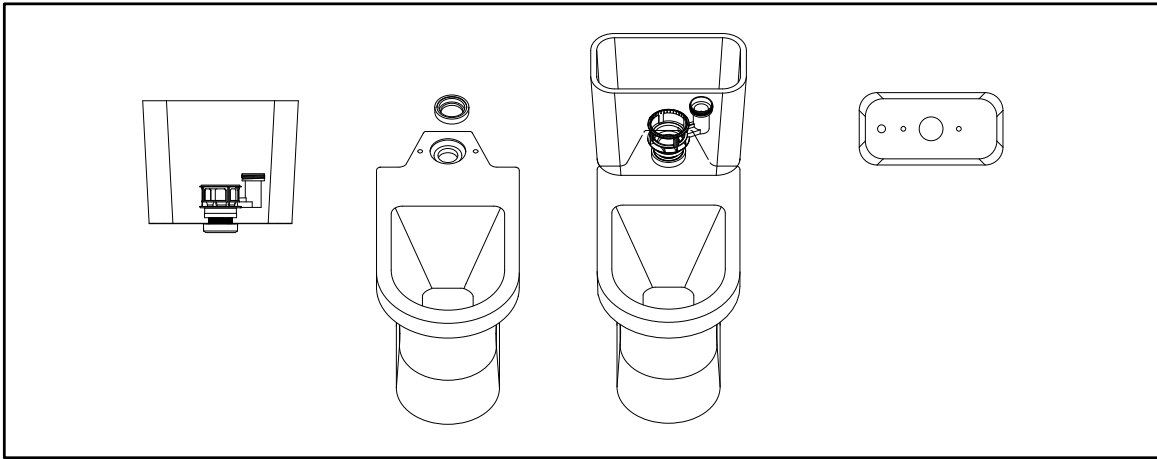
TURN OFF WATER TO TOILET

Before you start, make sure that the water to the toilet is turned off. Turn the valve clockwise to turn off the water to the toilet. You'll know the valve is closed when no water fills the tank after you flush the toilet.



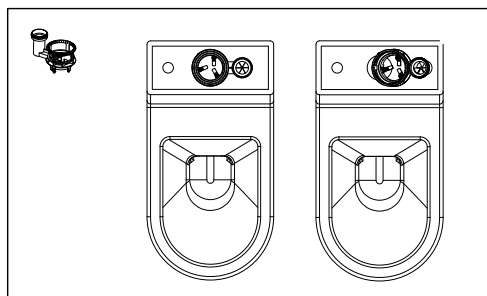
1. VALVE BASE INSTALLATION

TWO PIECE TOILET



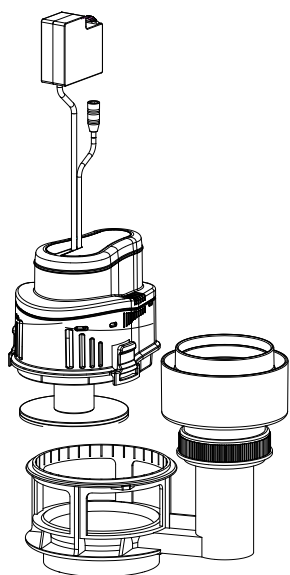
- A** Flush the toilet a few times to remove as much water as you can from the tank
- B** Soak up the remaining water from the tank using the towels
- C** Place towels under the tank to catch any excess water that will spill out when you remove the tank
- D** Using a screwdriver and the adjustable wrench, remove the tank-to-bowl bolts from the inside of the toilet (the number of bolts will depend on whether or not you have a 2" or 3" cistern hole)
- E** Remove the tank
- F** Remove the flapper, flush valve, overflow pipe, tank lever and the toilet handle
- G** Insert the Flush Valve Base into the tank and screw the flush valve lock nut in using the monkey wrench. Tighten it so it is snug
- H** Place the flush valve seal onto the bowl, then place the tank back onto the toilet
- I** Use the tank-to-bowl bolts and washers and screw the tank onto the bowl. Make sure the bolts are snug
- J** Turn on the water to the toilet and allow the tank to fill up a few inches, then turn it off again. Check around the base of the tank for leaks. If you see any leaks, repeat installation

ONE PIECE TOILET



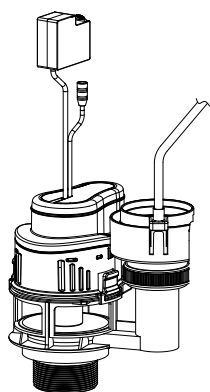
- K** Flush the toilet to remove as much water as possible, and soak up the remaining water with towels
- L** Remove the current Flush Valve Base by removing the screws. Depending on the size of the cistern hole, there may be 1 or 3 screws to remove

2. FLUSH VALVE BODY INSTALLATION



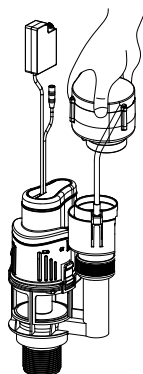
- A** Place the Flush Valve Body into the Flush Valve until you hear a click. Both fasteners on the side should be securely fastened together. You can rotate the Flush Valve Body and hear a clicking sound. This means that the Flush Valve Body is fastened properly. Rotate the Flush Valve Body so it is clear of other objects inside the tank
- B** Next, place the Flush Valve Adapter Riser with seals onto the Flush Valve overflow. If you have a tank with a 1.6L flush capacity or more, you may need to install the Flush Valve Adapter Riser with the provided rubber washers (included). Please see the video here for details: kortoilet.com/installation

- C** Clip the Refill Tube Connector to the top of the overflow pipe



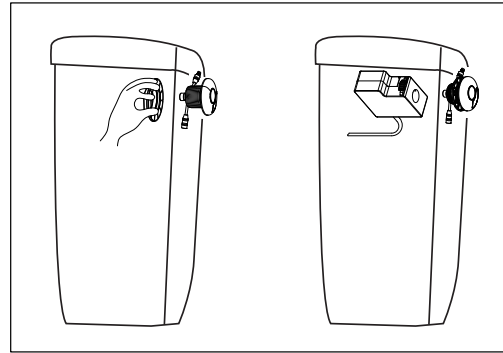
- D** Connect the Refill Tube from the Fill Valve to the Refill Pipe Connector of the overflow pipe
- E** Adjust the water level so it is $\frac{1}{2}$ inch below the top of the overflow pipe

- F** Set the Ozone and Catalyst Deodorizing Module on top of the overflow pipe

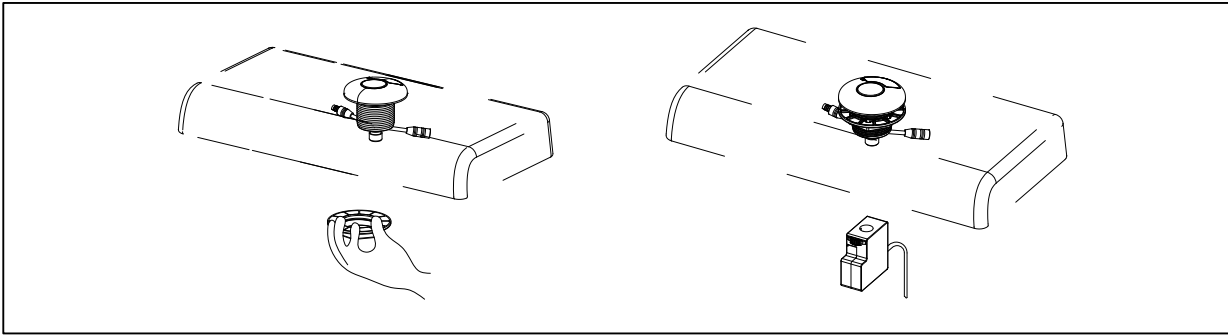


3. SIDE BUTTON MANUAL FLUSH INSTALLATION

- A** Insert the Manual Flush Button into the hole where the old push button used to be. Screw it on
- B** Insert the module at the end of the yellow cord connecting to the Flush Valve Body into the Manual Flush Button by pressing the blue lever and inserting it onto the manual button

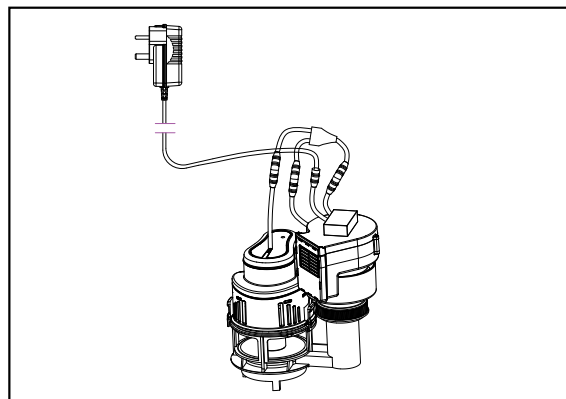
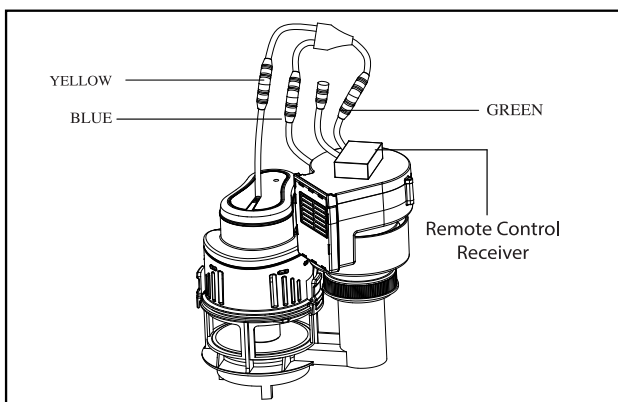
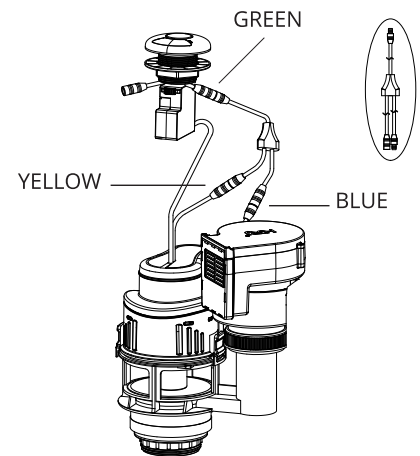


4. TOP BUTTON MANUAL FLUSH INSTALLATION



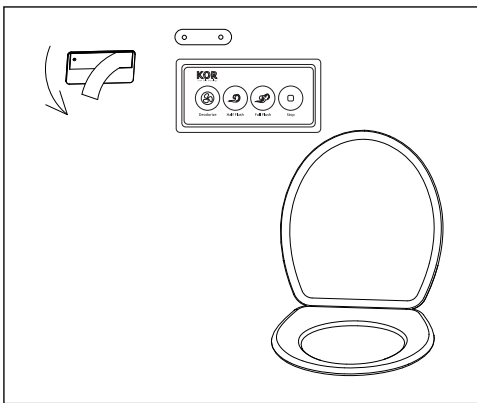
5. CONNECTING THE WIRES

- A** Connect the green end of the black Remote Control Receiver to the green end of the Split Connector
- B** Connect the blue and yellow ends of the Split Connector to the Ozone and Catalyst Deodorizing Module and to the Flush Valve Body



6. REMOTE CONTROL INSTALLATION

- A** Insert two AAA batteries into the Remote Control and remove the protective strip from the adhesive on the back of the panel
- B** Stick the Remote Control near the toilet (make sure the remote is no more than 10 feet from the black Remote Control Receiver)
- C** Test the Remote Control to make sure it works correctly. To test, push the Remote Control button and the green LED light on the black Remote Control Receiver should light up and the unit should turn on

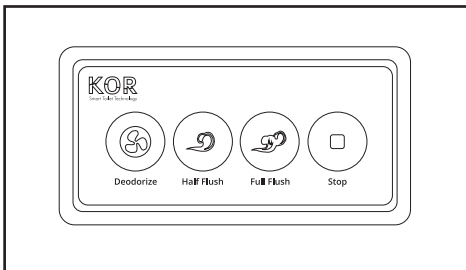


9 ft. EXTENSION WIRE

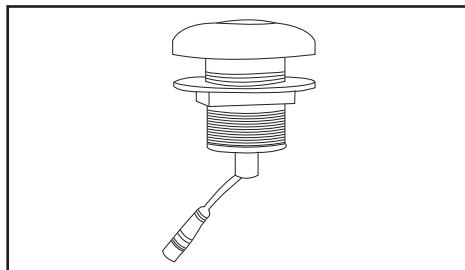
If your toilet is not close to a power outlet, the 9 ft. extension wire will increase the length of the power adaptor so you can plug it in

7. REMOTE CONTROL CODE MATCHING

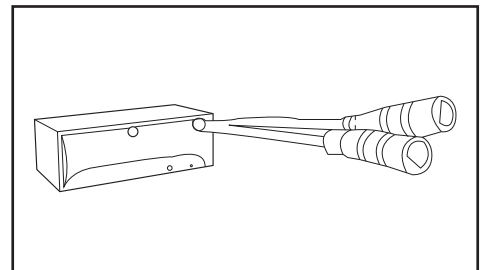
- A** Before you use the wireless remote you need to sync with remote control receiver
- B** Press any button on the wireless remote and hold for ten seconds until the remote control receiver quickly flashes 5 times. This means that the wireless remote and the remote control receiver are now synced.



Hold any button for
10 seconds



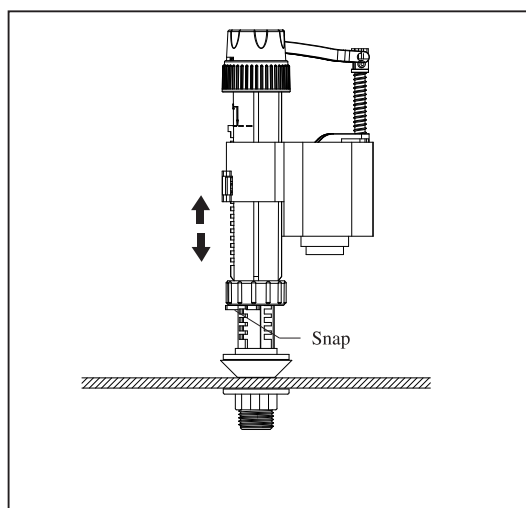
Wireless Receiver for
top flush toilet



Wireless receiver
for side flush

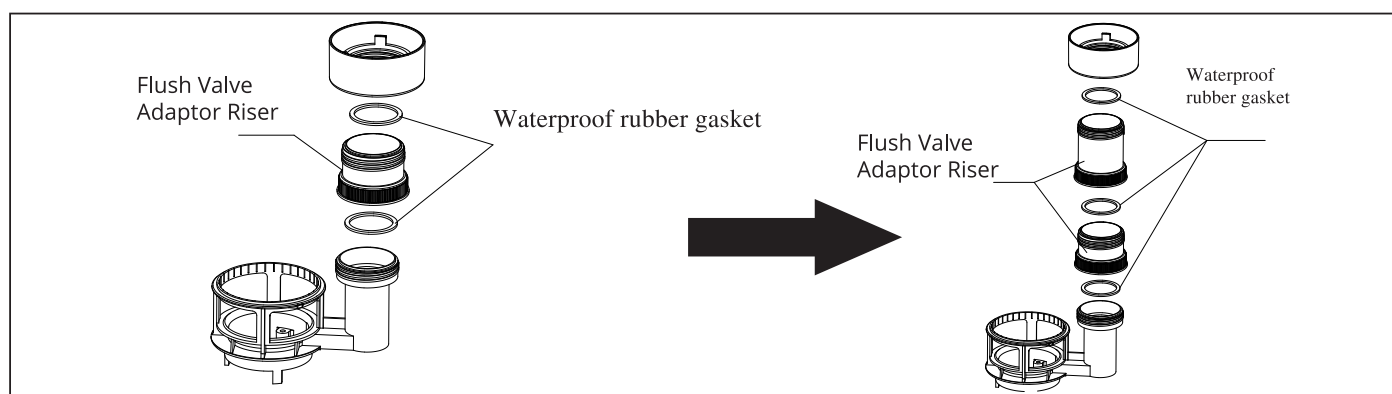
A green LED light will blink 5 times when synced.

8. ADJUSTING THE WATER VOLUME LEVEL

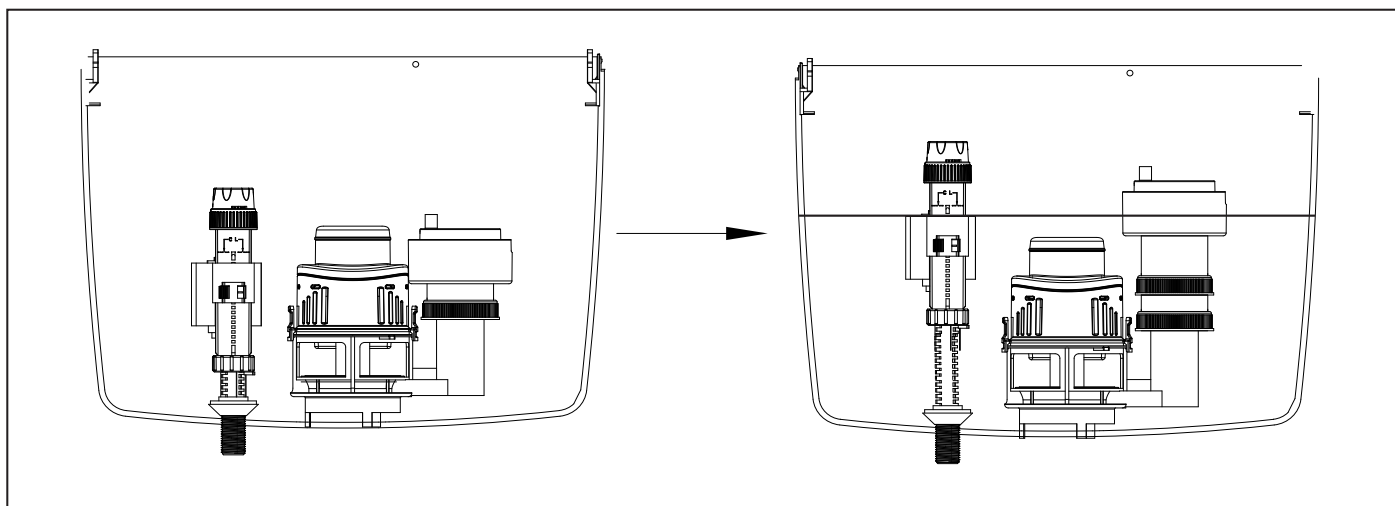


After you install your SmartToilet, you may notice that the water level in the tank has decreased. You will need to increase the water level using these steps:

- A** Adjust the fill valve by increasing the height of the valve. You can do this by rotating the valve and lifting it up until you hear it snap into place. To extend the accessories' service life, pls. rinse the fill vale's filter regularly.
- B** Increase the height of the valve cup by turning the screw in the top of the valve cup



- C** If you increase the height of the fill valve, you will need to adjust the height of the flush valve body by adding the Flush Valve Adaptor Riser to the overflow
- D** The water height should be 1.5 cm below the rim of the overflow (see diagram below)



HOW TO USE

Congratulations! You can now start to use your SmartToilet.

Right before you use the toilet, press the Deodorize button on the Remote Control. You should hear the deodorization system turn on. The system will remain on for about 20 minutes, then turn off automatically. If you need extra time, just push the button Deodorize button one more time and the unit will be turn on for another 20 minutes. With the deodorization feature turned on, about 95% of the odor will be gone immediately. We recommend that you turn on the ventilation fan in your bathroom as well.

Depending on your needs, use the Half Flush or Full Flush button. You may notice that with the unit installed, your toilet will have more flushing power. This is normal, and is another added benefit of your new SmartToilet.

There are 3 ways to stop deodorizing:

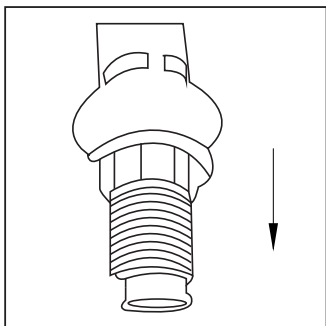
1. It will stop automatically after 20 minutes
2. Press the stop button on the remote control
3. Press "Full Flush" or "Half Flush"

If deodorization is on and you flush the toilet, it will automatically turn off. Just push the Deodorize button again and the unit will turn on again.

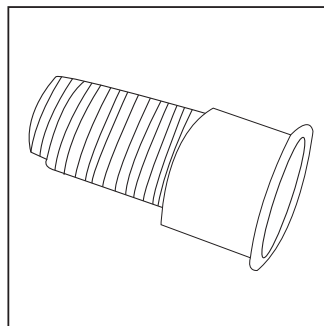
If you have any questions about using your new SmartToilet, please visit kortoilet.com/installation or text or call us at 855-434-5KOR.

TIP:

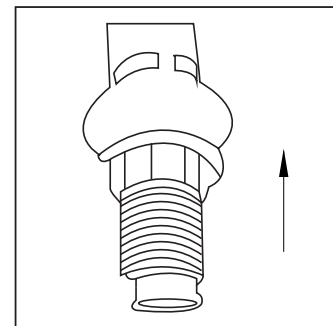
To extend the life of the fill valve, please rinse the valve's filter regularly. Cleaning the filter regularly will increase the life of the valve.



Remove the valve filter from the toilet, and pull out the filter



Cleanse the filter



Replace filter into the fill valve

TROUBLESHOOTING

PROBLEM	CAUSES	DIAGNOSE	SOLUTION
Deodorizing System doesn't turn on	Batteries are low	Press the remote and the LED light doesn't turn on	Replace batteries
	Remote control is damaged	Nothing happens when buttons are pressed	Replace remote control (contact support)
	Receiver is damaged	Remote control LED turns on, but receiver light doesn't turn on	Replace receiver (contact support)
	Deodorizing module is damaged	Remote flush works, deodorizing does not	Replace Deodorization module (contact Support)
	Outlet not working	Plugging adapter into another outlet turns on deodorizing module	Plugin to another outlet or check outlet for power
	9 ft. extension cord damaged	Plugging outlet directly into wall turns on module	Replace 9 ft. extension wire (contact support)
Remote flush doesn't work	Batteries are low	The LED light on remote doesn't turn on when pressed	Replace batteries
	Remote control damaged	Remote control LED light turns on, but receiver	Replace receiver (contact support)
Manual Flush doesn't work	Little or no water in tank	No water enters bowl after flush	Make sure water to toilet is turned on
	Manual flush button not connected	Pressing the button feels "light" requiring no pressure	Open tank and connect manual flush to flush valve using connector
	Fill valve blocked	No water enters tank	Close and clean the fill valve
Half or Full flush does not flush toilet completely	Water level in tank too low	Flush doesn't complete	Increase water level in tank by increasing the level of the fill valve

Support

A: The KOR SmartToilet comes with a two year warranty from date of purchase. If there is any electrical failure please contact support and replacement parts will be issued free of charge.

B: Warranty does not cover user inflicted damage

C: If damage is caused by an installation error, a maintenance fee will be charged.

Safety Cautions

Please read operation and installation instructions carefully. Install the product according to the instructions to avoid damage or personal injury.

Please do not expose to any corrosive cleaner or solvent, or any related chemical composition, chlorine or cleaners/solvents which will damage the valve fittings. Damage caused by any of the above reasons will void the warranty.

Warning

Please ensure that the power supply voltage complies with the voltage of the product (100-250V).

KOR

Smart Toilet Technology

KOR Toilet

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