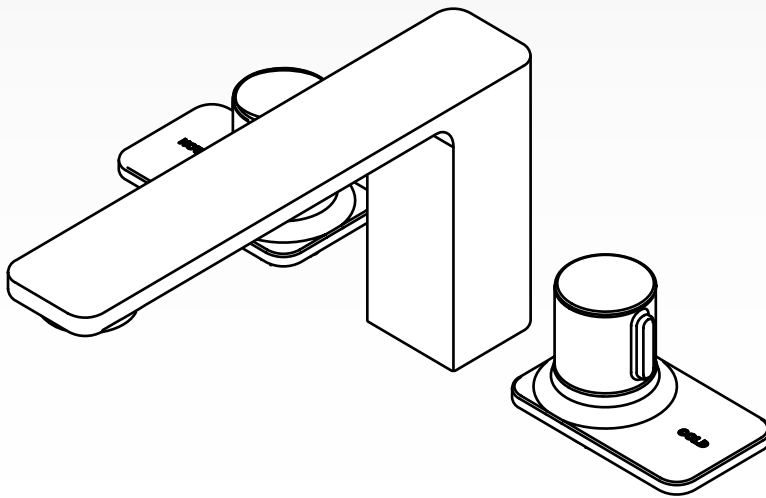




Installation and Owner's Manual

Deck-Mounted Bath Faucet Trim  
TB170DD

RENESSE™



English

Español

Français

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● Thank you for your recent purchase of the TOTO® product. Please read the enclosed information to ensure the safe use of your product.



# Important Safeguards





(For your safety please follow the instructions below)

Read the "Important Safeguards" section thoroughly before installing the product.



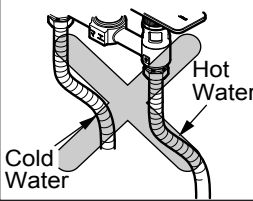
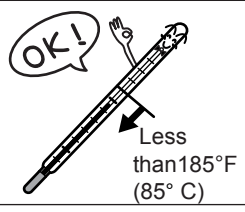

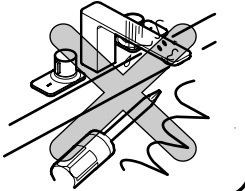
- The following symbols indicate safe and proper use of the product. Failure to observe them may result in injury or property damage.



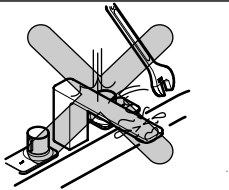

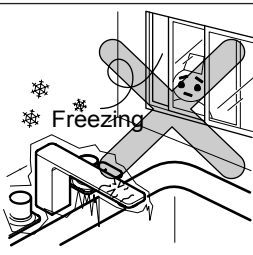
- The following table demonstrates the use of safety symbols in this manual.

|  |   |
|--|---|
|  <b>Warning</b> | Failure to observe this symbol may result in serious injury.            |
|  <b>Caution</b> | Failure to observe this symbol may result in injury or property damage. |

|   |   |
|---|---|
|  |  <b>Absolutely Do NOT.</b><br>Do not disassemble |
|  |  <b>Mandatory!</b>                               |

ENGLISH

|  <b>Warning</b>          |  |   |
|---|--|---|
| <br>Do Not              | Do not reverse the hot and cold water inlets.<br><br>You may be scalded if they are reversed.  |    |
|   | Do not use hot water supply that is higher than 185°F (85°C).<br>Do not use steam as hot water supply.<br><br>If water is hotter than 185°F is used. If it is broken, property damage, scalding, and other injuries may occur. |   |
| <br>Do not disassemble | Do not disassemble or modify the item in any way not described in this manual.<br><br>If the system is broken, property damage, scalding and other injuries are likely to occur.   |  |

|  <b>Caution</b> |  |   |
|--|--|---|
| <br>Do Not      | Do not strike or kick the product.<br><br>If the system is broken, property damage, scalding, and other injuries may occur.                                  |  |
| <br>Mandatory   | Do not use the product at temperature exceeding what local codes allow.<br><br>If parts are damaged, property damage, scalding and other injuries may occur. |  |

# Specification

|                            |                  |   |
|----------------------------|------------------|---|
| Water Supply Pressure      | Minimum pressure | 20 psi (0.14MPa) (flowing pressure)                         |
|                            | Maximum pressure | 125 psi (0.86MPa) (static) <b>Check local building code</b> |
| Supplied Water Temperature |                  | Less than 185°F (85°C)                                      |
| Water Quality              |                  | Water that meets National/Primary drinking water regulation |
| Ambient Temperature        |                  | 34 -104°F (2 - 40°C)  |
| Water Supply Connection    |                  | 1/2" NPSM   |
| Humidity                   |                  | Maximum 90% RH  |

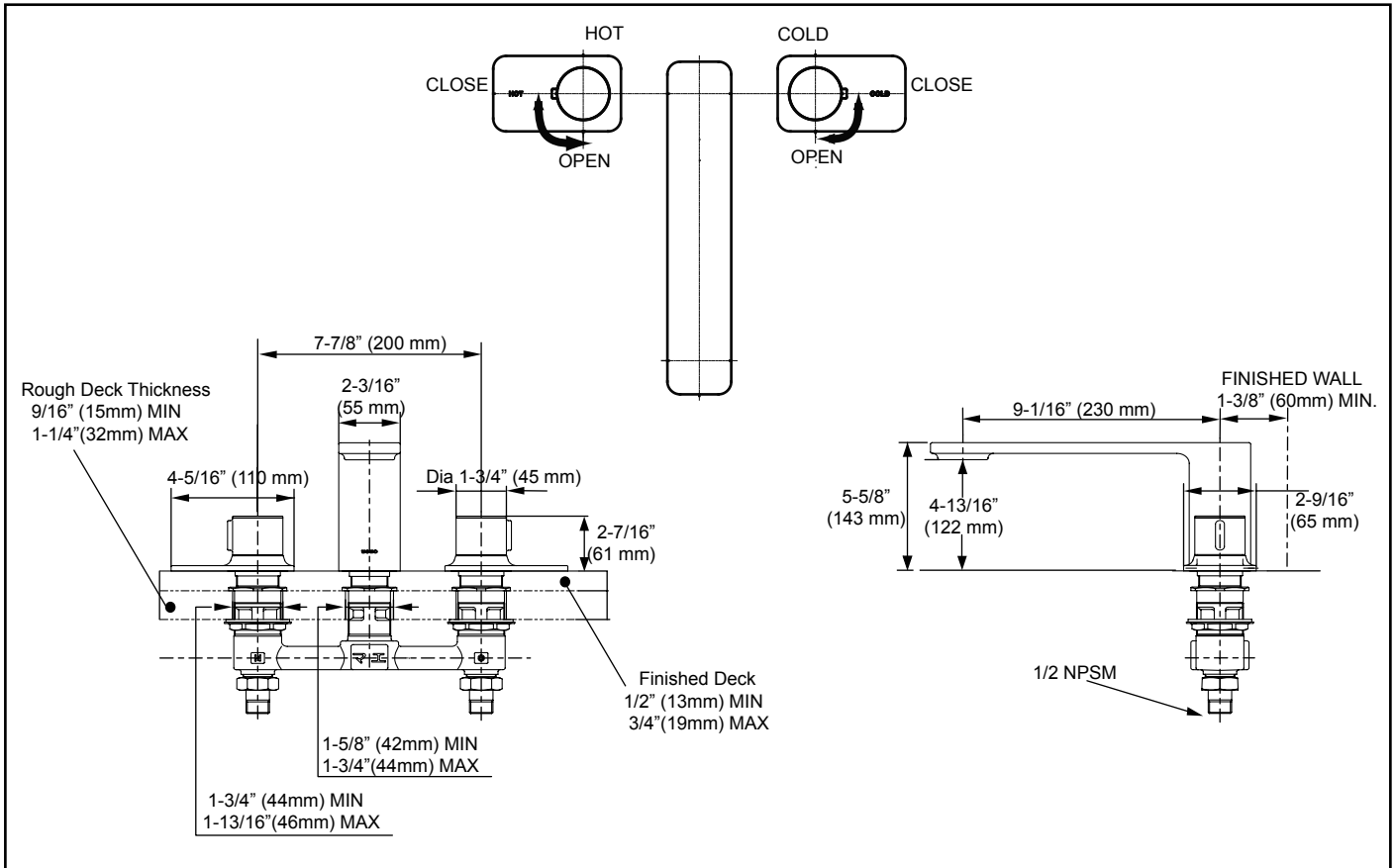
Depending on the model, some specifications may differ.

# Before installation

- Observe all local plumbing codes.
  - Make sure water supply is shut off.
  - Read these instructions carefully to ensure proper installation.
  - Check to make sure you have the following parts indicated below.
- If the water supply pressure is higher than 125psi (0.86MPa), you should buy a reducing valve to reduce the pressure to the range of 0.2-0.3MPa.  
To use the faucet comfortably, the recommended pressure is about 30-45 psi (0.2-0.3MPa).
  - To prevent being scalded due to malfunction, the cold water supply pressure must be higher than the hot water pressure, or you can make them equal. In addition, if you increase the pressure of the hot water, it still must be lower than that of cold water supply side.
  - To prevent being scalded due to wrong operation, it is recommended the hot water supply temperature is 140°F (60°C).
  - For ease of water flow adjustment and inspection with tools, you should prepare an extra stop valve.

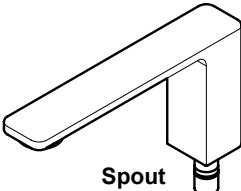
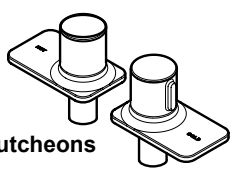
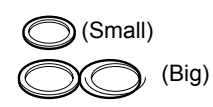


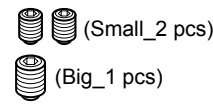
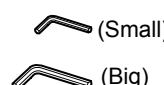



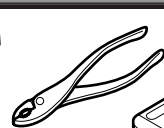
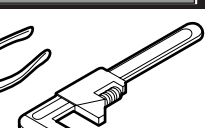
# Set-Up Drawing

\*Some parts differ from the below illustration depending on the model.



# Components

Check that you have the following parts.

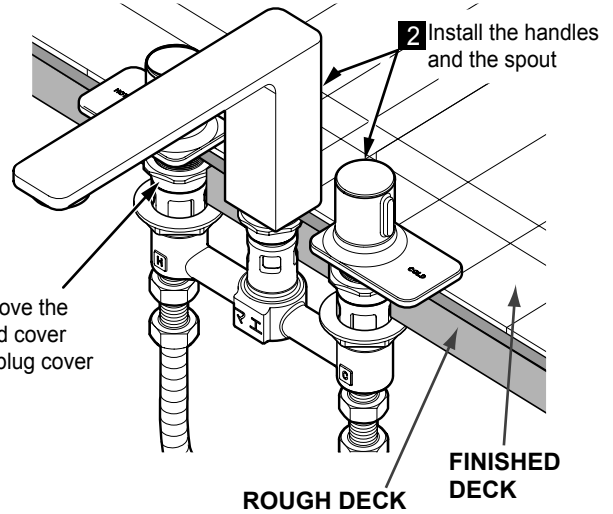
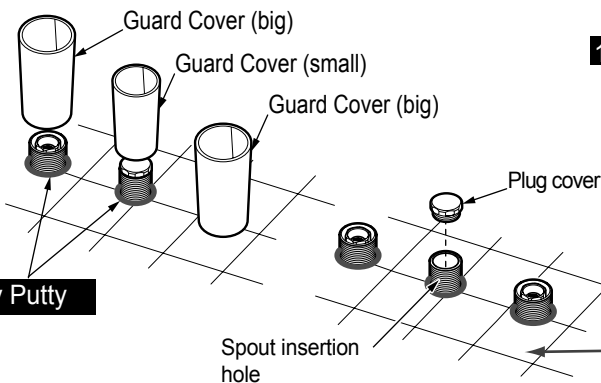
|  |  |  |  |
|--|--|--|--|
| <b>SPOUT PARTS</b><br><br><b>Spout</b><br><br><b>Escutcheons</b> | <br><b>Seal packing</b><br><br><b>Spout Adapter</b><br><br><b>Escutcheon Adapters</b>                             | <br><b>Set screws</b><br><br><b>Allen Wrench</b> | <br><b>Owner's and Installation manual</b><br><br><b>Spout Key</b> |
|  | <b>Tools you will need</b><br><br><b>Adjustable Wrench</b><br><br><b>Pliers</b><br><br><b>Plumber Wrench</b> |  |  |

# Installation Procedure

\*The figure can differ from your product depending on the model.

## 1 Remove guard cover and plug cover

- ① Remove the guard cover, and apply Plumber Putty so that water will not run into the cavity of the tile joint.
- ② Then, unscrew and remove the plug cover.

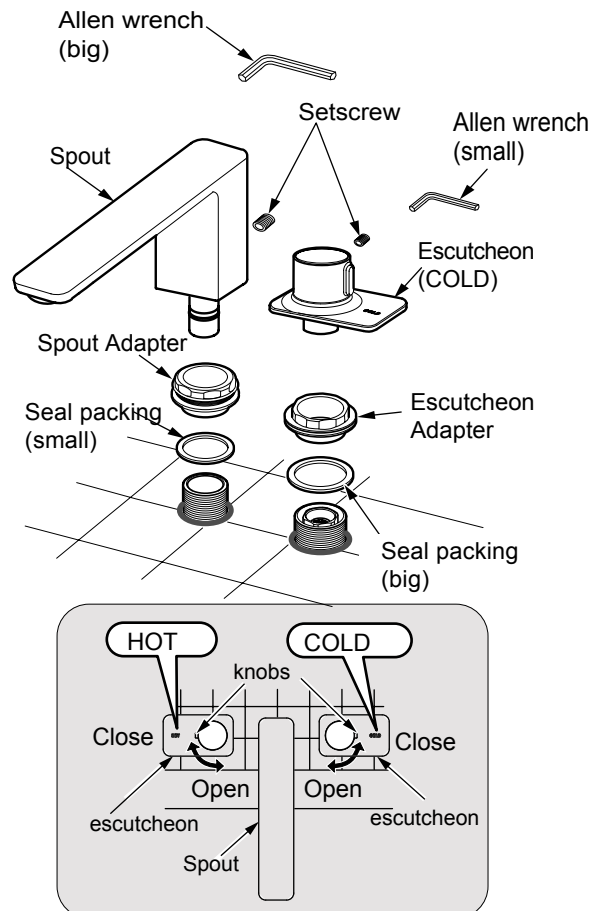


## 2 Install the handle and spout

- ① Fix the seal packing and escutcheon to the valve body.
- ② Install the spout and tighten the setscrew firmly with the Allen wrench (big).
- ③ Install the handle and tighten the setscrew firmly with the Allen wrench (small).

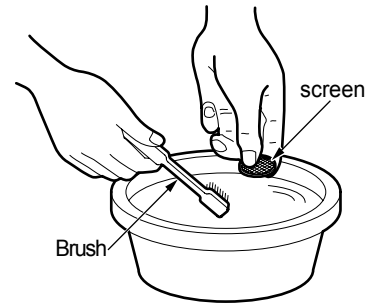
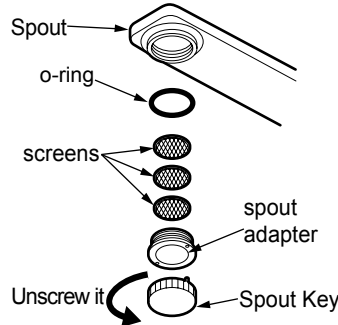
### Caution

- Be careful not to fasten the escutcheon too tightly; the tile may be broken.
- Install the tiles properly so as to locate spout as shown in the lower figure.
- Install the tiles properly so that the knobs and escutcheons are as shown in the figure when they are in the closed position.
- Install the cover such that the HOT/COLD is in the position shown in the lower figure.



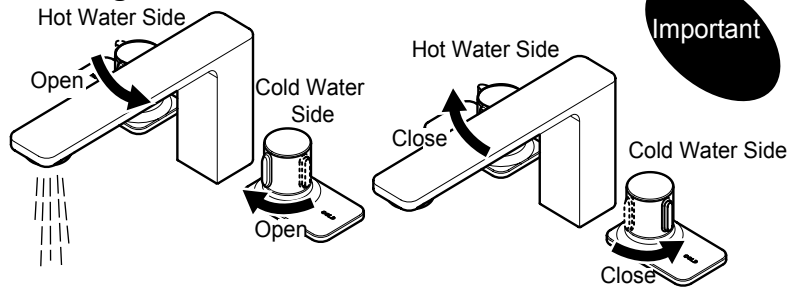
# Maintenance & Troubleshooting

1. Take off the spout adapter by using spout key provided
2. Use the brush to clear dirt and debris from the adapter and the screens.
3. Then, Reinstall the screens and spout adapter.



**During a season when temperature can reach below the freezing point, please drain out the water from faucet and explain the draining method to the customer.**

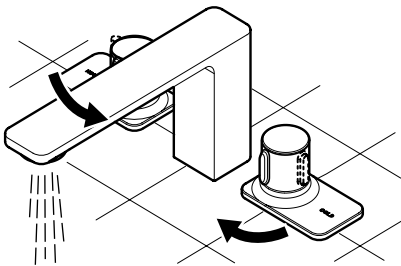
1. Close the shut-off valve of the water supply line and let the water run by turning on both Hot and Cold side.
2. Then, put the handles in OFF position.



**Check the following items after installation.**

### Check that water flows out

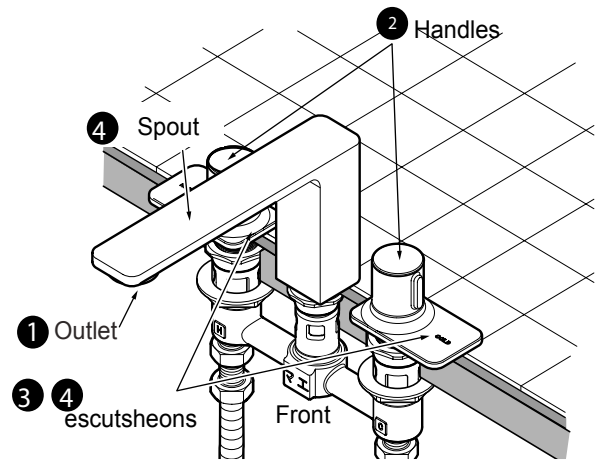
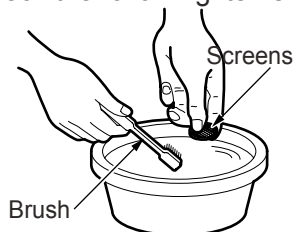
Open the main valve of the pipe, check that water flows out of the spout.



### Confirm flow rate

If the flow is too small, check the following items.

- 1 Are the screens blocked?



### Check the handle and escutcheons

Check that the direction of the handle matches with the escutcheons

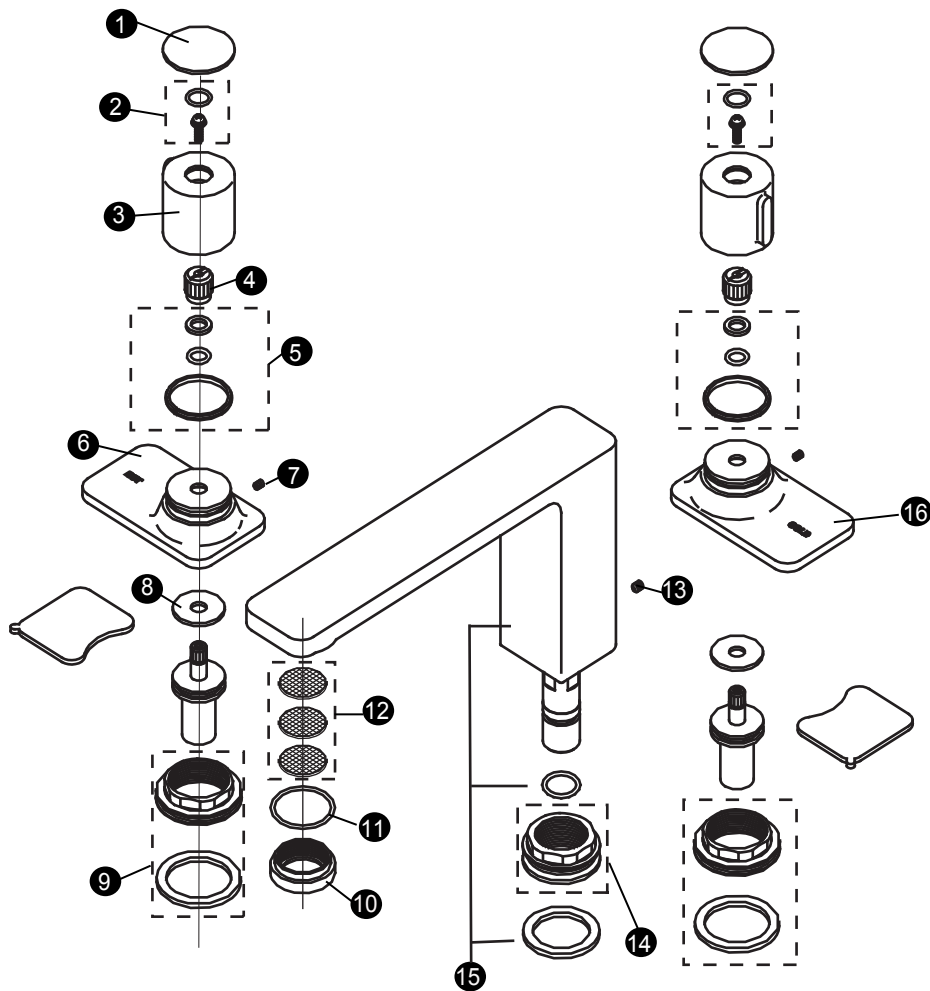
- 2 Is the direction of the handle correct?
- 3 Is the direction of the escutcheon correct?

### Check for looseness

Check that there is no looseness.

- 4 Do the setscrews become loose?

# Replacement Parts



| No. | Description           |
|-----|-----------------------|
| 1   | HANDLE CAP            |
| 2   | HANDLE SCREW & WASHER |
| 3   | HANDLE                |
| 4   | STEM ADAPTER          |
| 5   | GASKETS AND O-RING    |
| 6   | ESCUTCHEON (HOT)      |
| 7   | SET SCREW             |
| 8   | GASKET                |

|    |                    |
|----|--------------------|
| 9  | ESCUTCHEON ADAPTER |
| 10 | SPOUT ADAPTER      |
| 11 | O-RING             |
| 12 | SCREENS            |
| 13 | SET SCREW          |
| 14 | SPOUT BASE ADAPTER |
| 15 | SPOUT AND GASKETS  |
| 16 | ESCUTCHEON (COLD)  |





# WARRANTY

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## LIFETIME LIMITED WARRANTY

Warranty applies to selected residential faucets only.

1. TOTO® warrants its faucets ("Product") to be free from defects in materials and workmanship during normal residential use for as long as the original consumer end-user purchaser owns their home. This limited lifetime warranty is extended only to the original consumer end-user purchaser and only so long as the Product remains in use by the original consumer end-user purchaser in its original place of installation in the purchaser's residence. This warranty applies only to Product purchased and installed in North America.
2. TOTO® obligations under this warranty are limited to repair or replacement, at TOTO®'s option, of Product or parts found to be defective in normal residential use, provided that such Product was properly installed and used in accordance with the owner's manual. TOTO® reserves the right to make such inspections as may be necessary in order to determine the cause of the defect.
3. This warranty does not apply to the following items:
  - Damage or loss sustained in a natural calamity such as fire, earthquake, flood, thunder, electrical storm, etc.
  - Damage or loss resulting from any accident, unreasonable use, misuse, abuse, negligence, or improper care, cleaning or maintenance of the Product.
  - Damage or loss resulting from sediments or foreign matter contained in a water system.
  - 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.
  - Damage or loss resulting from the use of an abrasive cleanser.
4. If the Product is used commercially, TOTO® warrants the Product to be free from defects in materials and workmanship for one (1) year from the date the Product is installed, with all other terms of this warranty applicable except the duration of the warranty.
5. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.
6. To obtain warranty repair service under this warranty, you must take the Product or deliver it prepaid to a TOTO® service facility with proof of purchase (original sales receipt) together with 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, Georgia 30260, (888) 295-8134. 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.

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. 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 LIMITED TO THE DURATION OF THIS WARRANTY. SOME STATES AND PROVINCES 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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