

DOMETIC

SANITATION

TOILETS

EN 300 Series Bowl Rebuild Service Kit Instructions

USA & CANADA

Service Office
Dometic Corporation
13128 State Route 226
Big Prairie, OH 44611

Service Center & Dealer Locations

Visit: www.dometic.com

Please carefully read and follow all instructions, guidelines and warnings included in this product manual in order to ensure that you install, use and maintain the product properly at all times.

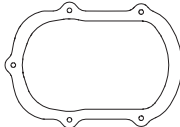

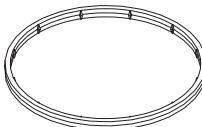
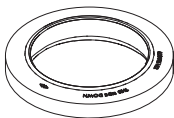
By using the product, you hereby confirm that you have read this disclaimer, all instructions, guidelines and warnings carefully and that you understand and agree to abide by the terms and conditions as set forth herein. You agree to use this product only for the intended purpose and application and in accordance with the instructions, guidelines and warnings as set forth in this product manual as well as in accordance with all applicable laws and regulations.

A failure to read and follow the instructions and warnings set forth herein may result in an injury to yourself and others, damage to your product or damage to other property in the vicinity. Dometic accepts no liability for any loss, damage or injury incurred, directly or indirectly, from the installation, use or maintenance of the product not in compliance with the instructions and warnings in the product manual.

This product manual, including the instructions, guidelines and warning, and related documentation may be subject to changes and updates. For up-to-date product information, please visit www.dometic.com.

Toilet Models	Service Kit Number
300	*385312176
301	

*This service kit is not eligible for labor reimbursement.

Kit Contents	Description
	Service Kit Instructions
	Lubricant (general purpose silicon grease)
	Foam Base-to-Bowl Seal
	Quad Ring
	Retainer Ring
	Floor Flange Seal

1 Explanation of Symbols and Safety Instructions

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

1.1 Recognize Safety Information



This is the safety alert symbol.

It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

1.2 Understand Signal Words

A signal word will identify safety messages and property damage messages, and it will indicate the degree or level of hazard seriousness.

⚠ WARNING

This indicates a hazardous situation that, if **not** avoided, could result in death or serious injury.

NOTICE: Used to address practices **not** related to physical injury.

i This indicates additional information that is **not** related to physical injury.

2 General Safety

⚠ WARNING: HAZARDOUS CHEMICALS EXPOSURE.

Human waste and/or waste treatment chemicals may be present in the act of repair, installation, removal, and reinstallation of the toilet. Disposable rubber gloves, goggles, face mask, absorbent rags, and a mild bleach solution or cleaner is recommended. Failure to do so could result in serious illness or death.

NOTICE: Read all the instructions prior to removing or disassembling the toilet.

3 General Information

i The images used in this document are for reference purposes only.

This service kit is to be installed by a qualified service technician only.

The purpose of this service kit is to replace some of the toilet's components and install a new retainer ring.

3.1 Recommended Tool List

Dometic recommends the following tools and materials to install this service kit:

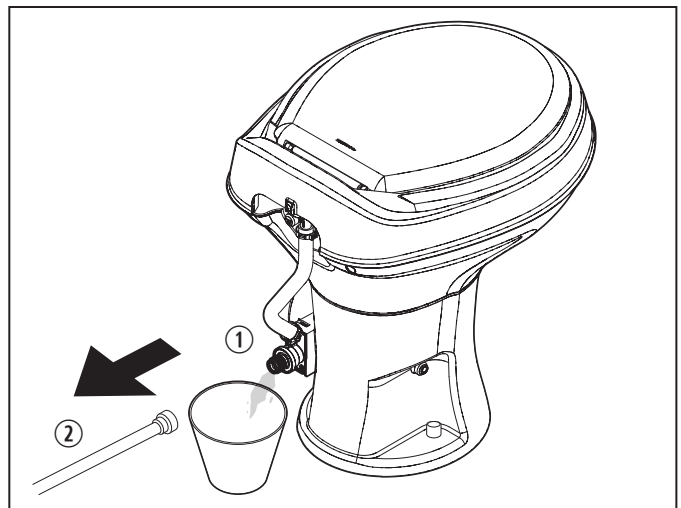
Large Slotted Screwdriver	Face Mask
1/4 in. Socket Driver	Absorbent Rags or Towels
7/16 in. Wrench	Mild Bleach Solution or Cleaner
Adjustable Pliers	Large Garbage Bag
Rubber Mallet (optional)	Soap and Water or Rubbing Alcohol

4 Preparation

NOTICE: Handle all mounting hardware, replacement components, and the flush ball seal with care as you will reuse them during the toilet rebuild.

This section describes the preparation procedure for removing the 300 series toilet.

1. Confirm the contents of the service kit are present.
2. Turn off the water supply to the toilet.



1 Disconnecting the Water Supply Line

① Water Valve

② Water Supply Line

3. Place a towel or shallow pan under the water valve.
4. Disconnect the water supply line from the water valve using adjustable pliers, if needed. Press the flush pedal to drain any remaining water.

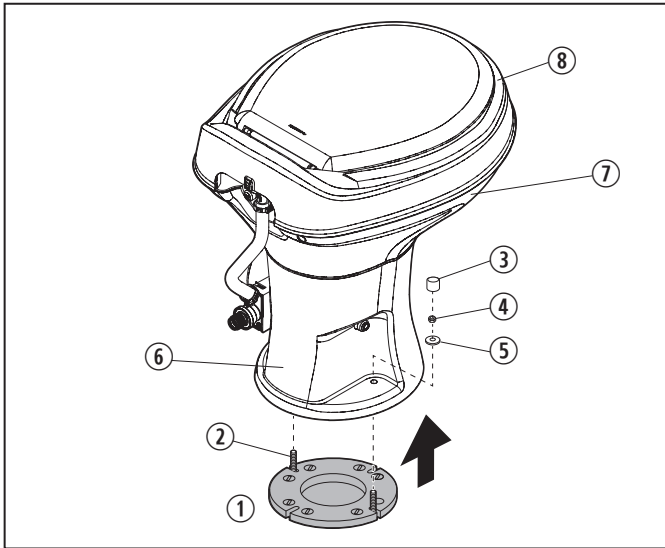
Recommended Tools and Materials

#1 Phillips Screwdriver	Disposable Rubber Gloves
5/16 in. Socket Driver with 8 in. Extension	Goggles

5 Removal

This section describes the proper technique to remove an existing 300 series toilet.

5.1 Remove the Toilet from the Floor Flange



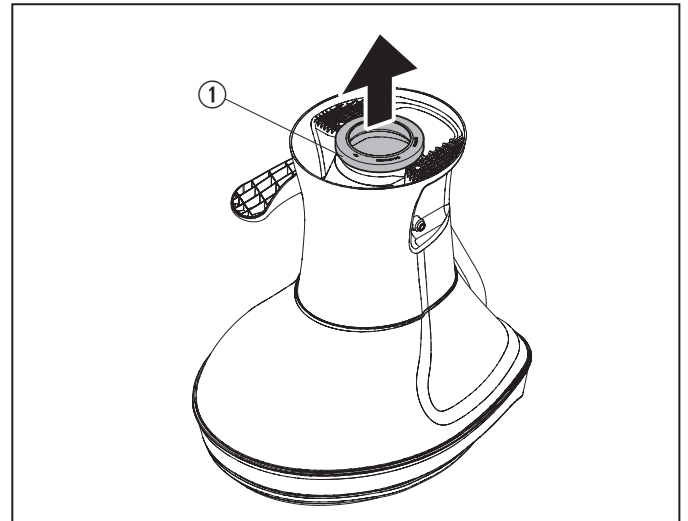
2 Removing the Toilet

- | | |
|----------------|------------------------|
| ① Floor Flange | ⑤ Mounting Washer |
| ② T-bolts | ⑥ Toilet Base |
| ③ Mounting Cap | ⑦ Toilet Bowl |
| ④ Mounting Nut | ⑧ Toilet Seat Assembly |

1. Remove the two mounting caps on either side of the toilet base.
2. Using a 7/16 in. wrench, remove the mounting nuts and washers from the T-bolts.
3. Lift the toilet off the T-bolts and remove it from the floor flange. Set the toilet in a garbage bag to prevent any contamination from spillage.
4. Move the toilet to an area where it can be safely dumped and cleaned. Be careful not to spill or drip waste when transporting.

i Periodic cleaning between steps may be necessary to prevent exposure to waste particles.

5. Disinfect the toilet with a diluted bleach solution or sanitizer. Spray with water to rinse.
6. Turn the toilet upside down, placing the toilet seat on a towel to protect it from surface scratches.

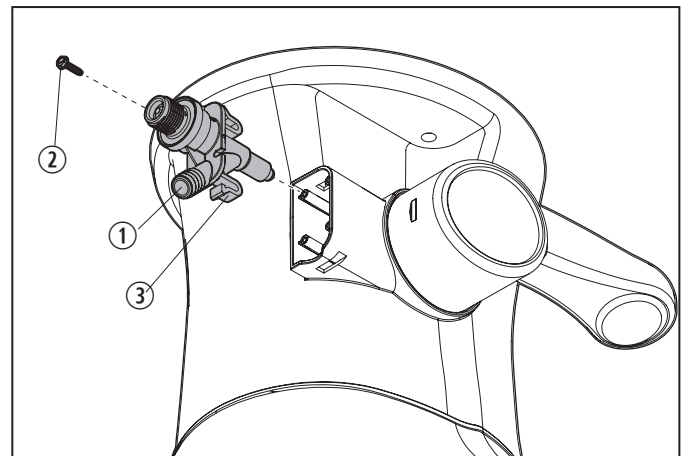


3 Removing Floor Flange Seal

- ① Floor Flange Seal

7. Remove and properly dispose of the floor flange seal located on the bottom of the toilet base.
8. Thoroughly clean the floor flange.

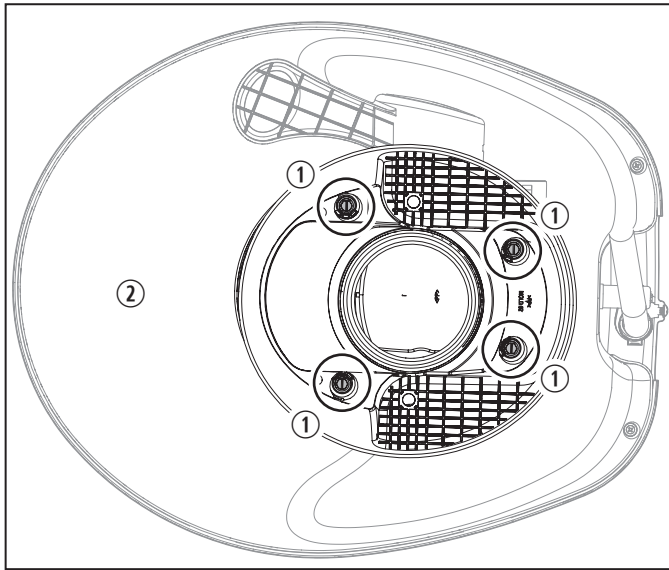
5.2 Disassemble the Toilet



4 Removing the Water Valve

- | | |
|---------------|-----------|
| ① Water Valve | ③ Latches |
| ② Screw | |

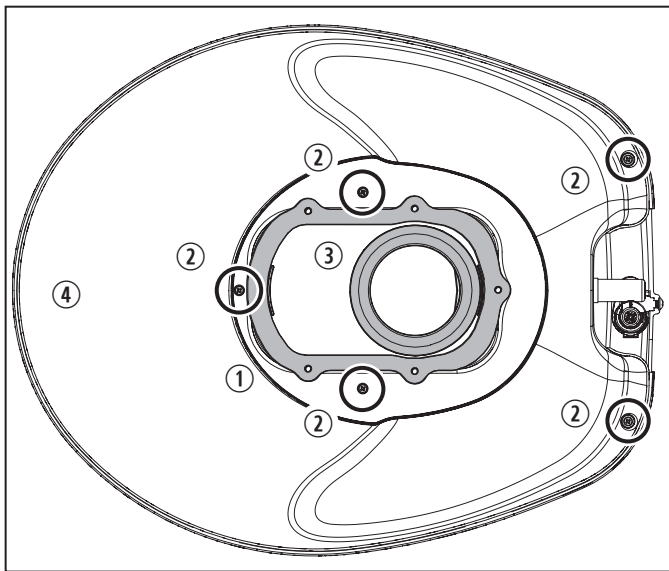
1. With the toilet still upside down, use a 1/4 in. socket driver to remove the screw securing the water valve.
2. With a large slotted screwdriver, press on the top latch of the water valve to release the latch. Do the same with the bottom latch, and then pull to remove the water valve.



5 Removing the Base Screws

- ① Toilet Base Screws (Qty. 4) ② Toilet Base (Bottom View)

- Using a 5/16 in. socket with 8 in. extension, remove the four screws in the toilet base bottom.
- Lift the toilet base to remove it from the toilet bowl.



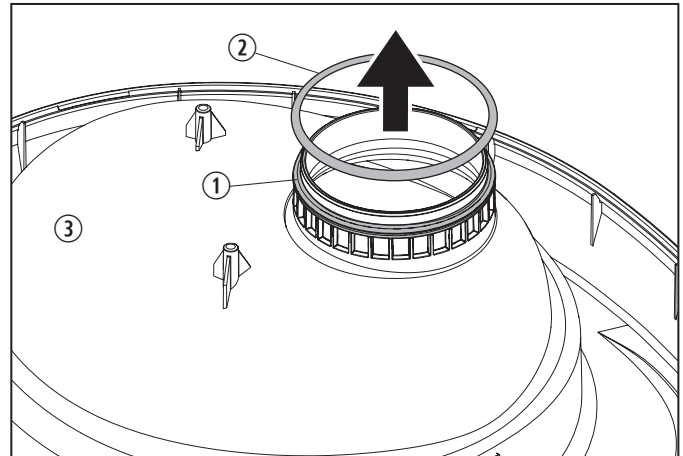
6 Removing Bowl Screws

- ① Foam Base-to-Bowl Seal ③ Flush Ball Seal
- ② Toilet Bowl Screws (Qty. 5) ④ Toilet Bowl (Bottom View)

- Remove and properly dispose of the foam base-to-bowl seal located on the toilet bowl bottom.

- Using a #1 Phillips screwdriver, remove the five screws that secure the toilet bowl to the toilet seat assembly.
- Separate the toilet bowl from the toilet seat assembly.
- Remove the flush ball seal from the toilet bowl.
- Thoroughly clean the flush ball seal and set aside.

5.3 Remove the O-Ring and Quad Ring



7 Removing the Quad Ring

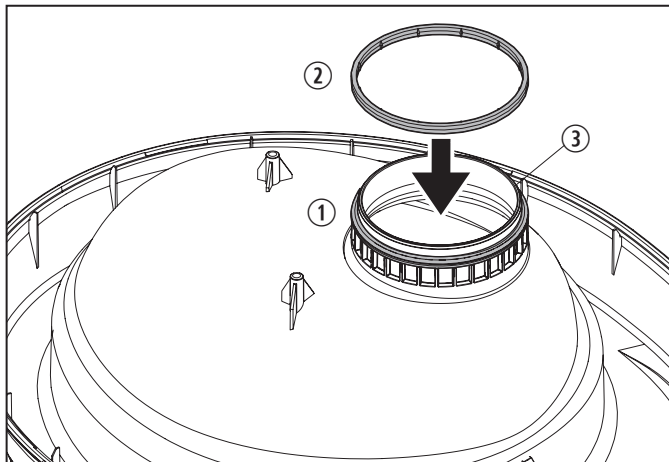
- ① Quad Ring ③ Toilet Seat Assembly (Bottom View)
- ② O-ring

- From the bottom of the toilet seat assembly, remove and properly dispose of the o-ring and quad ring.
- Clean and disinfect the toilet bowl and toilet base components, as needed.
- Remove all lubricant from the toilet bowl, rim, and toilet seat assembly with soap and water or rubbing alcohol.

6 Installation

This section describes the proper technique to install the kit components and reassemble the toilet.

6.1 Install the Quad Ring and Retainer Ring

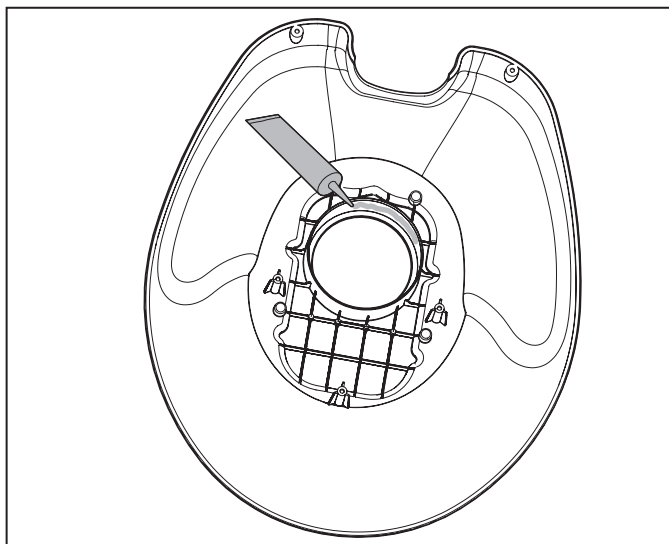


8 Installing the Quad Ring and Retainer Ring

- ① Quad Ring
- ② Retainer Ring
- ③ Rim

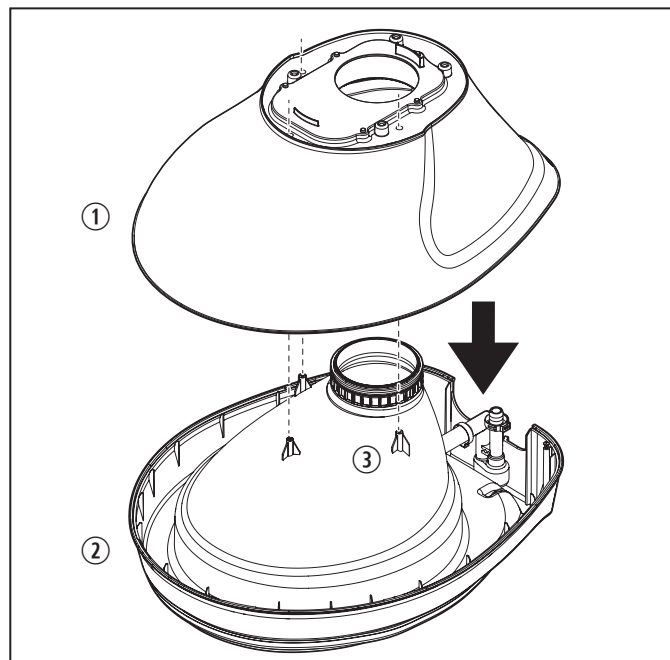
1. Place the new quad ring on the clean rim of the toilet seat assembly.
2. Place the new retainer ring on the quad ring.

6.2 Assemble the Toilet Bowl and Toilet Seat Assembly



9 Lubricating the Toilet Bowl

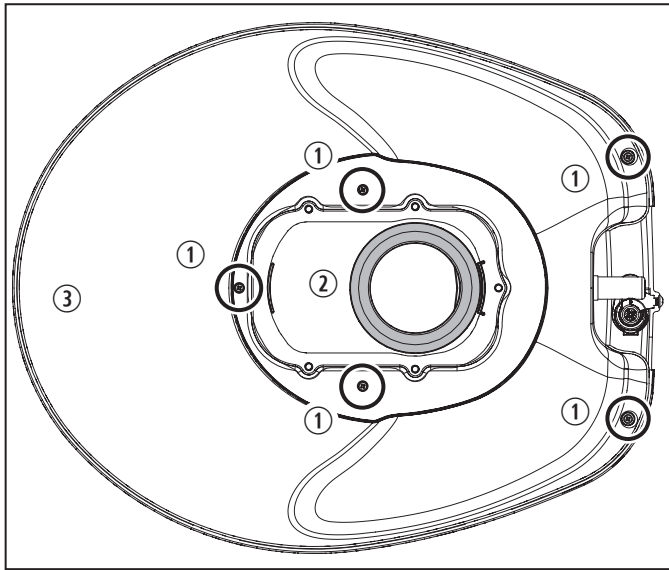
1. Apply lubricant (provided) to the inside socket of the toilet bowl. Do not apply lubricant directly to the surface of the quad ring or retainer ring on the toilet seat assembly.



10 Assemble the Toilet Bowl and Toilet Seat Assembly

- ① Toilet Bowl (Bottom View)
- ② Toilet Seat Assembly (Bottom View)
- ③ Screw Holes

2. With the toilet seat assembly upside down, place the upside down toilet bowl on the toilet seat assembly. Line up the screw holes located on the bottom of the toilet bowl.
3. Press straight down on the toilet bowl, making sure not to move or roll the quad ring and retainer ring inside.
4. Use a rubber mallet, if needed, to gently tap and snap the halves together.
5. Ensure the toilet bowl and the toilet seat assembly are securely attached.

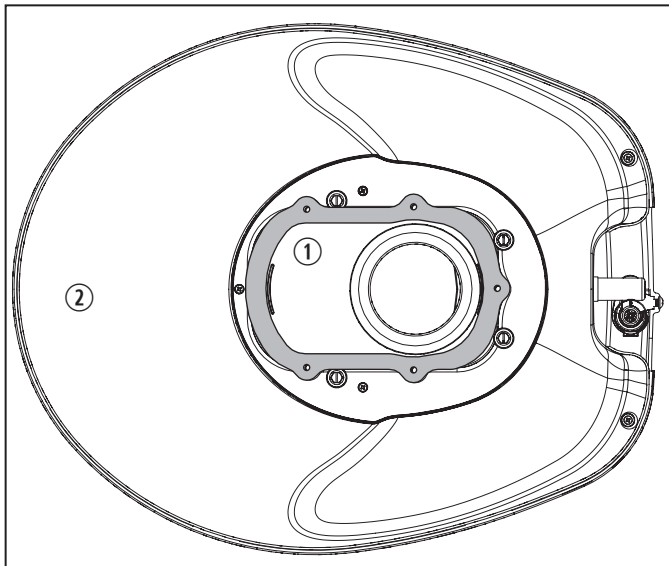
**11** Securing the Toilet Bowl

① Toilet Bowl Screws
(Qty. 5)

③ Toilet Bowl (Bottom
View)

② Flush Ball Seal

6. Using a #1 Phillips screwdriver, secure the toilet bowl using the five existing toilet bowl screws. Do not overtighten.
7. Insert the existing flush ball seal into the toilet bowl with "THIS SIDE UP" visible on the flush ball seal from inside the toilet bowl when right side up.

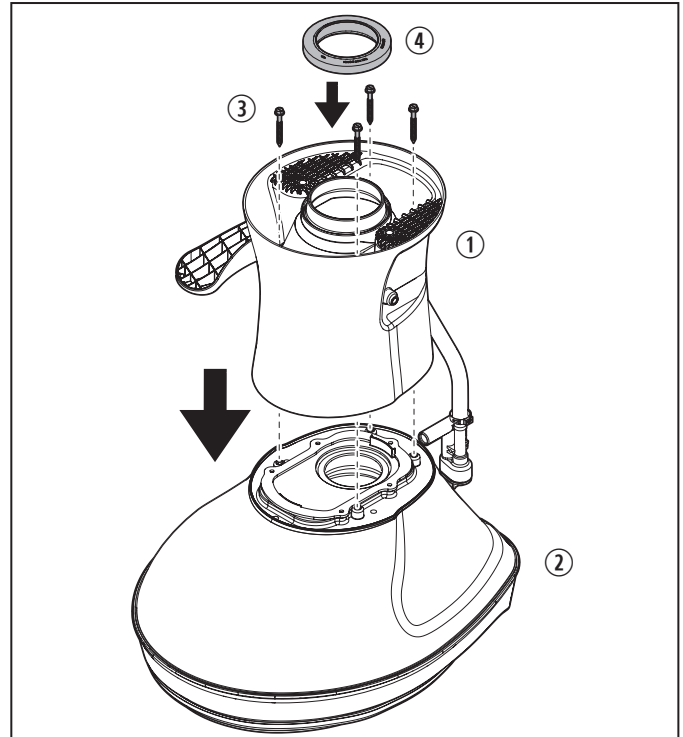
**12** Installing the New Foam Base-to-Bowl Seal

① Foam Base-to-Bowl
Seal

② Toilet Bowl
(Bottom View)

6.3 Assemble the Toilet Base and Toilet Bowl

1. Place the new foam base-to-bowl seal on the toilet bowl bottom. The holes in the base-to-bowl seal should line up with the holes on the toilet bowl bottom.

**13** Attaching the Toilet Base

① Toilet Base

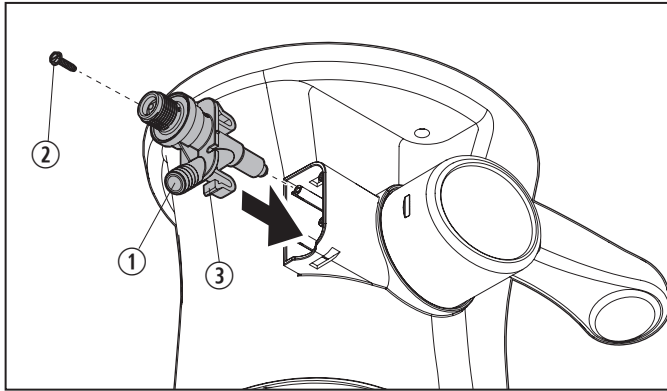
③ Toilet Base Screws
(Qty. 4)

② Toilet Bowl

④ Floor Flange Seal

2. Place the upside down toilet base onto the upside down toilet bowl making sure not to move the base-to-bowl seal.
3. Using a 5/16 in. socket and 8 in. extension, secure the toilet base with the four existing toilet base screws. Do not overtighten.
4. Install the new floor flange seal onto the bottom of the toilet base with "THIS SIDE UP" visible on the floor flange seal.

6.4 Attach the Water Valve

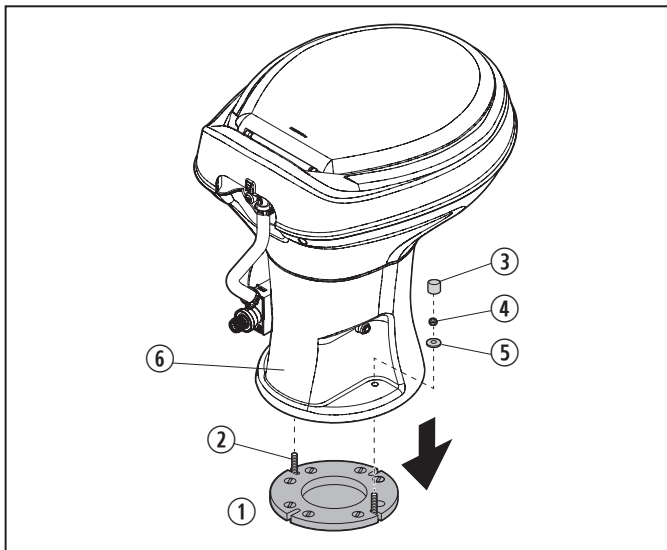


14 Installing the Water Valve

- ① Water Valve
- ② Screw
- ③ Latches

1. Insert the water valve into the toilet base until the top and bottom latches click into place.
2. Using a 1/4 in. socket driver, secure the water valve with the existing screw.

6.5 Secure the Toilet to the Floor Flange



16 Attaching the Toilet to the Floor Flange

- ① Floor Flange
- ② T-bolts
- ③ Mounting Cap
- ④ Mounting Nut
- ⑤ Mounting Washer
- ⑥ Toilet Base

1. Turn the toilet right side up and carefully place the toilet base onto the existing floor flange, aligning the holes over the T-bolts.
2. Place an existing washer on each T-bolt.
3. Using a 7/16 in. wrench, secure the existing mounting nuts onto the T-bolts and tighten so the toilet base is flush with the floor. Do not overtighten.
4. Place the existing mounting caps on the mounting nuts and push to secure.
5. Reconnect the water supply line to the water valve.
6. Turn the water supply on.
7. Test the water connection for any leaks and correct as necessary. Flush the toilet several times to ensure proper assembly.

7 Disposal



Place the packaging material in the appropriate recycling waste bins, whenever possible. Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with all applicable national and local regulations.

