

RV Toilets

Aqua-Magic®
Residence, Style II
Water Valve Kit

Made in the USA

Thetford Corporation

Ann Arbor, MI 1-800-543-1219 www.thetford.com

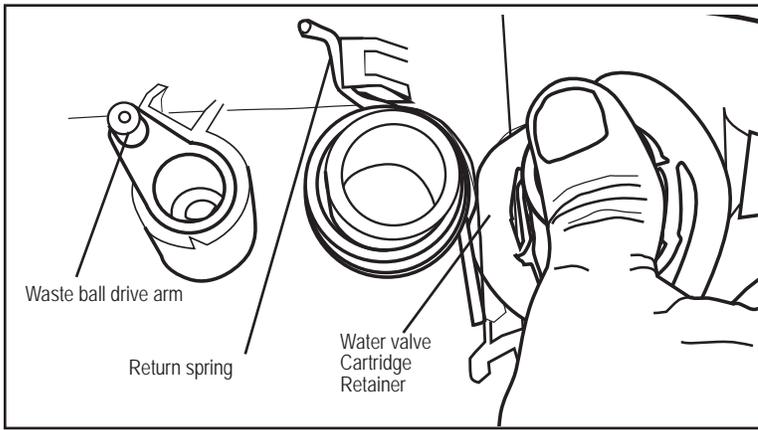


FIGURE 1 - PEDAL REMOVED

Kit Contains

- Water Valve Cartridge (PN 42002)
- Drive Arm Seal (PN 42006)
- Water Inlet Seal (PN 42009)
- Water Inlet Spring (PN 42010)
- Spring Retainer (PN 42099)
- Closet flange seal (PN 02125)
- Instruction sheet (PN 42109)

Needed

- Towel(s)
- Plastic trash bag
- Pliers
- Phillips-head screwdriver
- 1/2-inch wrench

Before Beginning

- Read all instructions completely.
- Reduce holding tank odor: Rinse toilet with water, drain holding tank, and add Thetford Holding Tank Deodorant.
- Wear protective gloves, glasses, long sleeves, and nose/face mask to avoid contact with human waste.
- Wash entire toilet thoroughly.
- Refer to Figure 1 for component locations.

NOTE: If you have sufficient clearance to remove and reinstall pedal and water valve with toilet in place, you can skip removing/reinstalling toilet.

Remove Toilet

1. Turn off RV water supply per RV Owner's Manual.

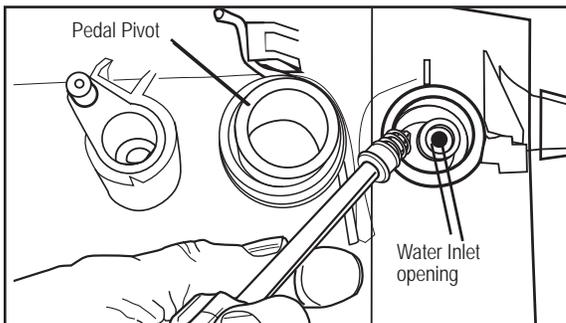


FIGURE 2 - INSERTING WATER INLET SEAL ASSEMBLY

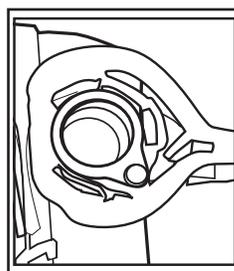


FIGURE 3 - WATER VALVE CLOSED POSITION

2. Flush toilet to drain.
3. Place towel(s) behind toilet under water connection to catch water.
4. Disconnect RV water supply from toilet.
5. Remove Closet Flange Bolt Covers (if present) and Nuts.
6. Lift Toilet from floor and place on trash bag.
7. Cover holding tank opening with a towel.
8. Remove old closet flange Seal. Discard.

Remove old Water Valve

1. Lay Toilet on its side on floor with pedal facing upward.
2. Holding Bowl, grab front underside of Pedal. Pull Pedal up and off with a quick motion.
3. See Fig. 1. Place thumb in depression and place index finger under tab of Water Valve Cartridge Retainer. Pull up on tab slightly and rotate Retainer clockwise until it hits Spring. Grasp Retainer and pull Water Valve Assembly out. Discard.
4. Remove Water Inlet Seal and Compression Spring from Water Inlet opening with small needle-nose pliers. Discard.

Install new Water Valve

1. Insert Water Inlet Seal Assembly in Water Inlet opening (Fig. 2).

2. Insert new Water Valve Cartridge Assembly until fully seated.
3. Rotate Retainer until tab locks in place.
4. Place Water Valve Drive Pin in closed position (Fig. 3).
5. (Figs. 2 & 4) Align Pedal onto Pedal Pivot. Align Pedal Return Spring Tab with Pocket A and rotate Pedal slightly until Drive Arm Pin aligns with Pocket B. Holding Pedal down, firmly hit button on outside of Pedal until Pedal snaps in place.
6. Place toilet upright. Activate Pedal several times to assure Waste Ball opens and closes completely.

Reinstall Toilet

1. Install new Closet Flange Seal, lip side down, on toilet.
2. Uncover holding tank opening and remove towel(s).
3. Place Toilet on floor, aligning mounting holes with closet bolts.
4. Tighten Closet Flange Nuts until toilet does not rock. **Do not overtighten.**
5. Replace Bolt Covers (if present).
6. Connect RV water supply line to Toilet.
7. Turn on RV water supply.
9. Flush test Toilet, checking for leaks at all connections.

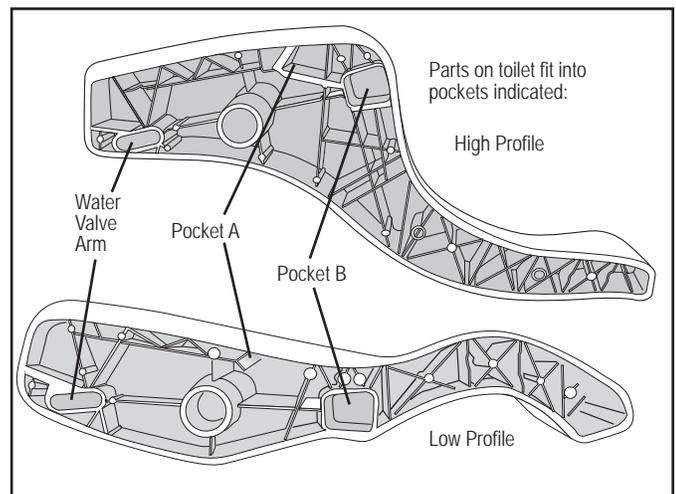


FIGURE 4 - PEDAL REATTACHMENT