

RV Toilets

Style II®
Waste Ball Kit

Made in the USA

Thetford Corporation
Ann Arbor, MI 1-800-521-3032 www.thetford.com

F#42113 1206

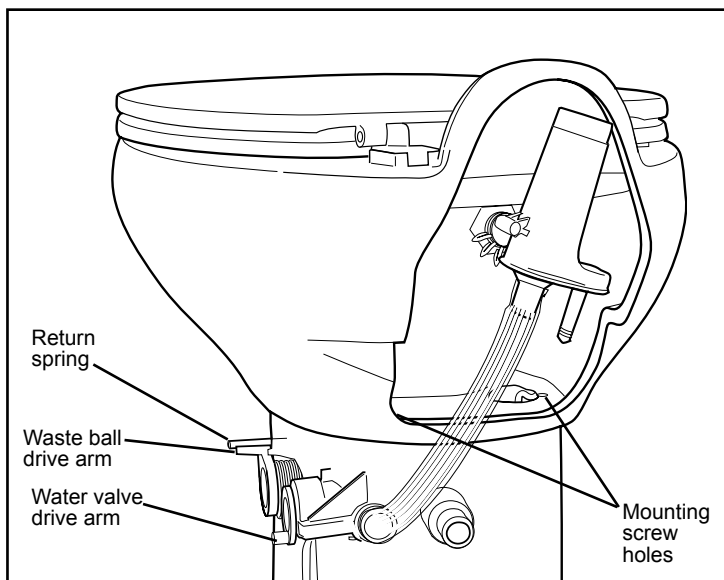


FIGURE 1

Kit Contains

- ✓ Waste ball drive arm (PN 34326)
- ✓ Screw (PN 31053)
- ✓ Closet flange seal (PN 02125)
- ✓ Instruction sheet (PN 34103)

Needed

- ✓ Towel(s)
- ✓ Plastic trash bag
- ✓ Pliers
- ✓ Phillips-head screwdriver
- ✓ 3/8" Socket and wrench
- ✓ 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 Figures 1 and 2 for component locations.

Remove Toilet

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

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. Remove Drive Arm Screw. Pull out Waste Ball Drive Arm.
4. Turn toilet upright. Remove Bowl-to-Base Screws with a 3/8-inch socket.
5. Securing Base, rotate Bowl counter-clockwise until free and lift off base.
6. Remove Waste Ball Seal. Discard.
7. Remove Seal Retainer.

8. Push out Waste Ball (end opposite of Drive Arm) and remove from Base. Discard.

Install new Waste Ball

1. Install U-Cup Seal onto key tab side of new Waste Ball. (Tapered side of U-Cup Seal faces out.)
2. Squeeze ends of new Waste Ball together and install into Base, seating the Waste Ball in the closed position. Note: U-Cup Seal should point toward Pedal side.
3. Rotate Waste Ball Drive Arm counter-clockwise to align key way on Drive Arm with tab key on Waste Ball. Install Waste Ball Drive Arm.
4. Install Drive Arm Screw. Do not over-tighten.
5. Pull Waste Ball Drive Arm up against stop.
6. (Fig. 3) 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.

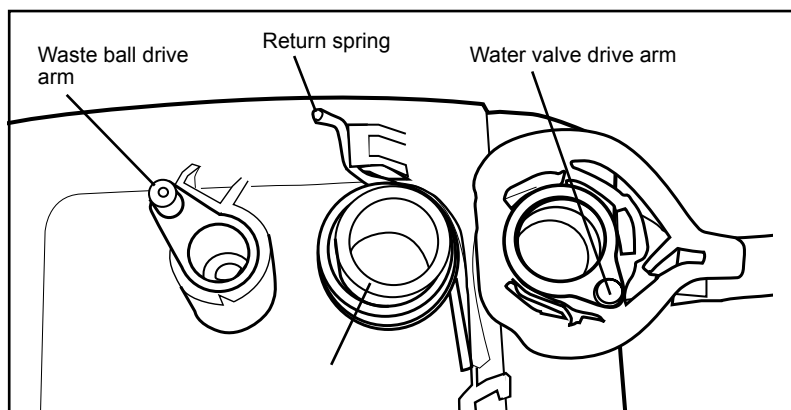


FIGURE 2 - PEDAL REMOVED

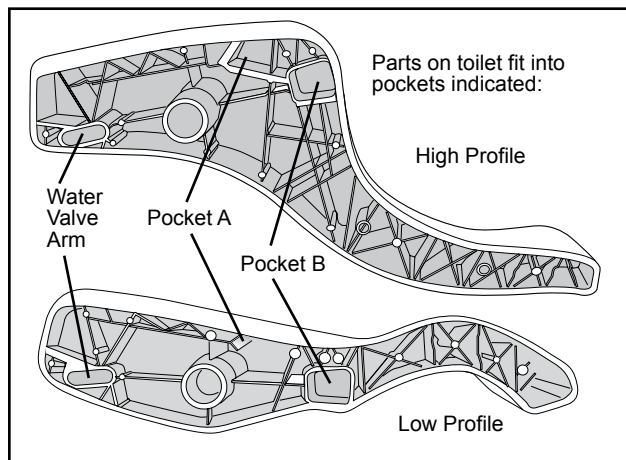


FIGURE 3 - PEDAL REATTACHMENT

7. Activate Pedal to assure Waste Ball opens and closes completely.
8. Install Seal Retainer.
9. Install new Waste Ball Seal, flat side down, onto Retainer.
10. Add (only) supplied grease to underside of Bowl at outfall opening where it meets seal.
11. Replace Bowl on Base. Turn clockwise and align the two screw holes in Base and Bowl.

12. Install washers (plastic washer on china first then metal washer) and Screws. Tighten until snug, but do not overtighten.

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 Nuts and Bolt Covers (if present).
6. Connect RV water supply line to toilet.
7. Turn on water supply.
8. Flush test toilet, checking for leaks at all connections.