

RV Toilet Service Parts for Aria Deluxe II

Tools needed

- Flat-blade screwdriver
- Adjustable Wrench
- Pliers

Note:

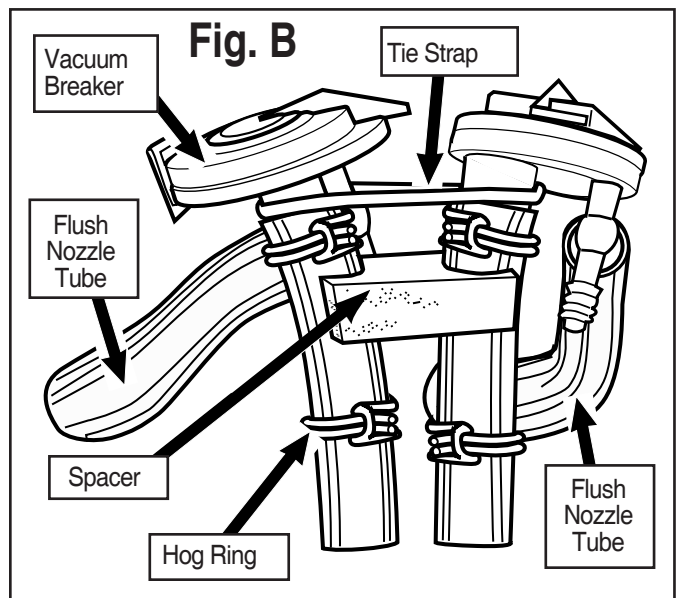
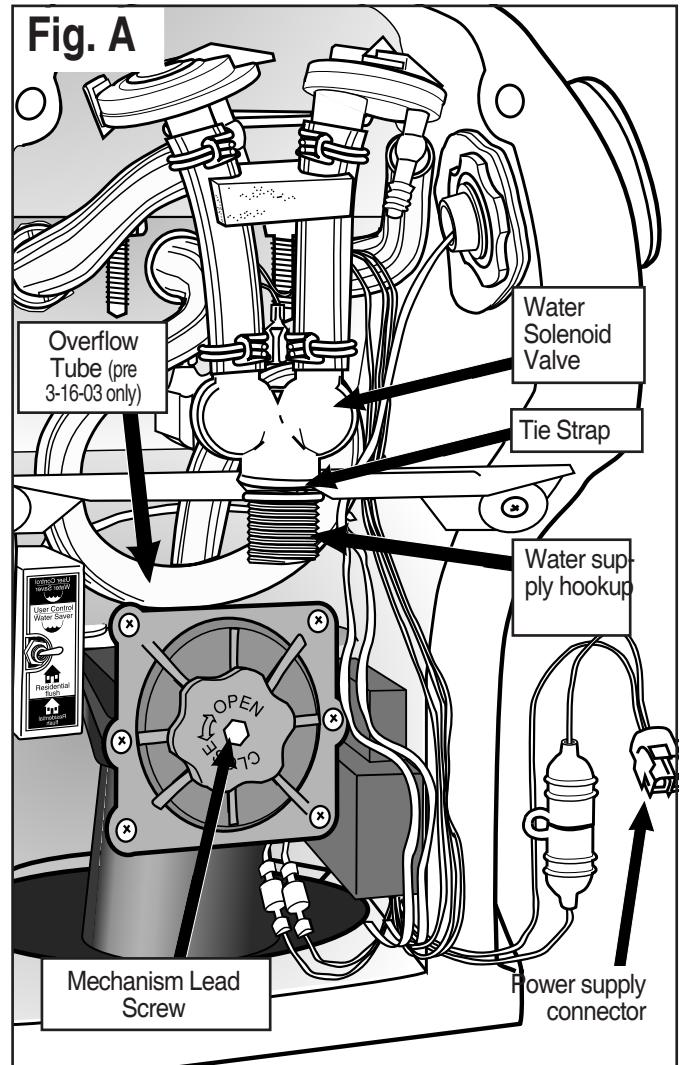
- Read all instructions before beginning work.

To Remove Toilet From Floor

1. Turn off RV water supply per RV Owner's Manual.
2. Press both keypad buttons at the same time, twice, to open blade and drain bowl of water. *If mechanism does not work, you will have to open the valve manually. Remove the Sound Deadening Insulation (if present) from the back of the mechanism to access the mechanism lead screw. Turn the knob if present or use a 5/16" socket wrench to turn the screw and open the valve.*
3. Pry off Bolt Caps with Flat-blade screwdriver. Use wrench to remove 1/2-inch Lag Screws.
4. Swivel Toilet to gain access to back.
5. Turn off RV's power supply to the Toilet.
6. Disconnect Water Supply Line with Adjustable Wrench (Fig. A).
7. Disconnect Toilet's 12-volt power hookup to RV (Fig. A).
8. Place an old towel or soft cloth on work surface. Remove Toilet from floor and place upright, facing you, on work surface.
9. Remove old Closet Flange Seal (may be found in toilet or in floor at Closet Flange). Discard.
10. Cover Holding Tank opening to contain odor.

To Remove Old Parts

1. Using pliers, squeeze and raise bottom two Hog Ring Clamps on Vacuum Breaker Assembly Tubes (Fig. B).
2. Remove both Tubes from Solenoid Valve (Fig A).
3. Disconnect two small Flush Nozzle Tubes from Nozzle and remove entire Vacuum Breaker Tube Assembly (Fig. B) from toilet. Note the arrangement of all parts.
4. Remove Vacuum Breakers from both tubes by twisting off. Set aside Vacuum Breakers.
5. Take note of Overflow Tube arrangement if present (pre 3-16-03) for future reference. Being careful not to cut the wiring, cut the Tie Strap holding Wiring Harness to side loop of Overflow Tube. Ease Overflow Tube off center bowl connection. Disconnect from Mechanism Assembly, using Flat-blade screwdriver to pry if necessary. (**Note:** Be careful not to disturb electrical connections.) Discard.



To Replace Parts

1. Replace long Overflow Tube (if present). Attach to Mechanism. Push down firmly over barb to fully seat. If you have removed the Sound Deadening insulation from Mechanism, reinstall it now.
2. To create a water trap (vapor seal), loop Overflow Tube as shown. Secure Tube in Overflow Nozzle. If Sound Deadening insulation is present, tuck the loop behind the bulge in it (Fig. C).
3. Rebuild Vacuum Breaker Tube Assemblies as shown in Fig. D. Add two Hog Ring Clamps to each Tube. Push one end of each tube onto Barb Fitting of Vacuum Breaker. Insert Vacuum Breaker Assembly fittings into Flush Tubes as far as they will go.
4. Push Vacuum Breaker Tubes onto Solenoid Valve.
5. Using Pliers, position Hog Ring Clamp at end below barb on Solenoid Valve and above barb on Vacuum Breaker.
6. Firmly replace two medium-size Flush Tubes to the two Flush Nozzle connections (Fig. C, top). (**Note:** you can make Tube ends more pliable by dipping them in hot tap water. However, do not use soapy water.) Be sure Keypad Cable is between tube and wall.
7. Add new Foam Spacer. Secure new Tie Strap snugly around Vacuum Breaker Barb Fittings. Use another Tie Strap to secure Wire Harness to side loop of Overflow Tube (Fig. A).

To Replace Toilet To Floor

1. Secure new Closet Flange Seal, lip side up, to Toilet.
2. Position Toilet over flange.
3. Reconnect Water Supply Line.
4. Reconnect 12-volt power supply to Toilet.
5. Reconnect RV's power supply to the Toilet.
6. Turn on RV's water supply. Press Toilet flush button to close blade and to flush test.
7. Secure to floor with Lag Screws. Tighten.
8. Resecure Bolt Caps.

