



RV Toilet Service Parts for Aria, Aria Deluxe, Aria Deluxe II

Keypad Flush Switch Part #28964 White Part # 28965 Bone

Tools needed

- Flat-blade screwdriver
- Small Flat-blade screwdriver
- Adjustable Wrench
- Small wire cutters
- Pliers
- Mineral spirits

Note:

- Read all instructions before beginning work.
- If there is enough clearance behind toilet, this procedure may be possible without removing toilet from floor. Check to see if you can reach the Keypad Locking Washer, the Keypad Cable and its connection at the Controller Assembly before starting work.
- On units made before 7/14/03, the Controller Assembly connections face the rear and are covered by a rubber boot. Later units are as shown in the figure, with connections facing the bottom.

To Remove Old Part

If necessary 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 control 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.
7. Disconnect Toilet's 12-volt power hookup to RV.
8. Place an old towel or soft cloth on work surface. Remove Toilet from floor and place upright 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 Replace Toilet To Floor

1. Secure new Closet Flange Seal, lip side up, to Toilet.
2. Position Toilet over flange.
3. If necessary, reconnect Water Supply Line.
4. If necessary, reconnect 12-volt power supply.
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.

1. If present, slide Rubber Boot off Controller Assembly.
2. Taking note of which plug it uses, unplug Keypad Cable from Controller Assembly.
3. Snip Keypad Cable and pull free from plastic tie securing it to Solenoid Valve. Discard.
4. To free Keypad, reach in to Locking Washer. Push in and twist counterclockwise to release. Discard.
5. Use Flat-blade screwdriver to pry off Keypad. Totally clean off residue (use mineral spirits) from outside of toilet.

To Replace Part

1. Peel off adhesive backing of plain side of new Seal. Adhere to back side of new Keypad. Press firmly into place.
2. Remove adhesive backing from other side. Feed wire into hole. Position Keypad. Push firmly to seat.
3. Feed Keypad Cable through Locking Nut with flat side toward china. Reattach Locking Nut. While pushing Keypad in, rotate Locking Nut clockwise to lock.
4. Feed cable behind Metal Bracket.
5. Pass through upper slit in Rubber Boot (if present) and push into same phone jack outlet it came from.
6. Attach new plastic tie strap around Solenoid Valve and Keypad Cable. Reattach Rubber Boot (if present).

