

## Troubleshooting Procedure

Subject:  
Leakage Breaker Replacement

### Applicable Models:

501[11,12,21,22]1261 – GU26  
501[11,12,21,22]1321 – GU32  
505[11,12]1261 – GU26DV  
505[11,12]1321 – GU32DV

### Leakage Breaker (GFI) Replacement Procedure

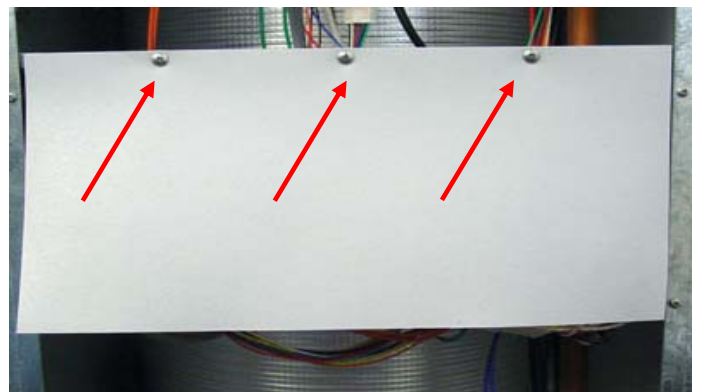
Remove Front Panel:

- a. Loosen two screws
- b. Push the front panel downward to remove

Power off the unit and unplug power cord from electrical outlet



Remove the three Phillips head screws attaching the vinyl cover



Locate the Leakage Breaker to the right of the control board and remove the Phillips head screw holding the breaker box in place



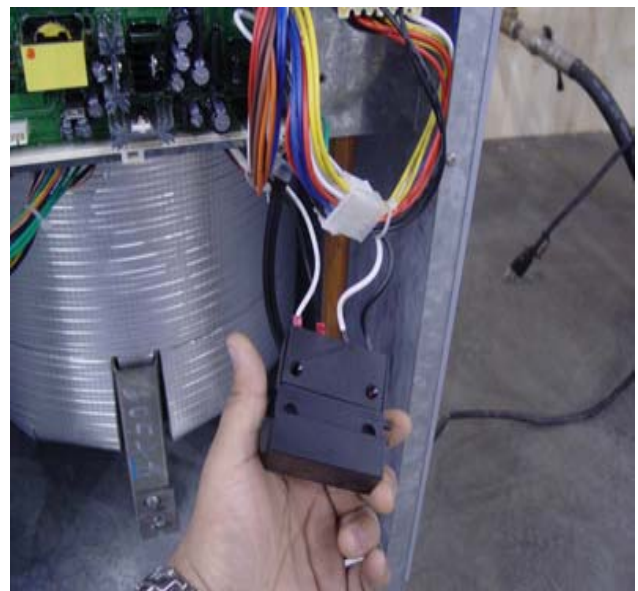
Locate the power cord and remove the Phillips head screw to remove the Leakage Breaker from water heater chassis



Pull circuit breaker out from the unit

Open Leakage Breaker box by removing the plastic cover

Locate the four wires holding the circuit breaker to the unit





Remove four Phillips head screws to loosen the wiring

After wiring is removed, the breaker box can be popped open by push the board towards the rear of the box

Replace the defective board with a new board

Reference the wiring diagram in the OM or on the back of the front panel to rewire the replacement Leakage Breaker



**Note:**

After completing the replacement, plug the unit's power cord into the electrical outlet and turn on the unit. Set unit temperature to desired user setting and wait for unit to complete Standby Initialization Cycle. This cycle consists of two to three firing cycles, each lasting no more than 3 minutes on low fire, followed by brief exhaust purges. Every time the unit is reset due to power outage, parts replacement etc..., this Initialization Cycle will be performed by the unit as a means of bringing the storage up to desired temperature, and self diagnostics test.

After the cycle is complete, please confirm unit delivery of hot water by running a low flow tap at between 0.5 to 1gpm. After monitoring the unit for 3-5 minutes on low, open few more faucets to trigger high fire (7gpm+) to confirm hot water delivery. The replacement procedure is successful should the unit function normally.

**Consumer Notice:** The information and instruction in this bulletin are intended for use by skilled professionals. These instructions should not be performed by consumers. Call your professional person for help.