

Spare Part Information (ABZ)

Technical Information

Dishwashers

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EN **READ THIS** Before Replacing Electronic Modules

Affected appliances

All dishwashers with SMM (System Master modules).

Possible error codes, LEDs or displays

All lights flashing, no lights, lights stay on.

Root cause

After replacing the electronic module, install new software. This typically take 3-5 minutes but may take up to 15 minutes.

⚠ Do not test, measure, or replace parts of the dishwasher while powered on, as some circuits remain live even after pressing on/off button.

- **Disconnect dishwasher from power before diagnosing or repairing.**
- **If D-bus circuitry is shorted, power module must be replaced.**

After Module Replacement and Restoring Power

1. Dishwasher will execute a normal boot sequence.
 - All lights stay on for approximately 40 seconds.
 - It will then enter the 'ready' state (waiting for cycle selection).
2. Wait approximately 60 seconds for software installation to start.
 - Lights will flash back-and-forth to indicate installation has started. **Do not disconnect power or open/close the door.**
 - Dishwasher may beep, and different light patterns may appear on user interface. This could take up to 15 minutes. **Do not disconnect power.**
 - All lights will stay on until dishwasher returns to 'ready' state.
Note: If SMM module was replaced, this step may be repeated up to 5 times. Do not continue until 'ready' state is present for 60 seconds without interruption.
3. If dishwasher shows a 'ready' state, it's OK. Check operation. If all LEDs flash together, use dBus troubleshooting ARM to diagnose communication errors.

⚠ Do not routinely replace all three electronic modules (i.e. IABO / UI, power module, SMM). IABOs and power modules should be checked **before** SMMs.

⚠ Check or download stored error codes from Customer Service Mode before replacing any electronics for diagnosis and troubleshooting. Please add these to the notes.

⚠ Any module connected to dBus can cause all LEDs to flash. Follow the dBus troubleshooting bulletin found on Quick Finder and bFixing to determine which module is defective.