

TI-1091: “45 E” on Emerald models or Door remains locked-all models

On generation 6 washers, the door lock control circuit board monitors program status, water level, and drum rotation in order to allow locking and unlocking of the door only when certain conditions are met.

On W620 and E620 models, it is possible for the magnetic rotation sensor (mounted on the front-facing shaft of the drive motor) to become wet as a result of improperly tightened detergent-box hose clamps. This results in a loss of the drum rotation signal normally provided by the sensor to the doorlock control circuit board.

Failure of the rotation sensor results in a flashing error code “45 E” on Emerald washers and in the door remaining locked at the end of the wash cycle on Classic models. In both cases, **ONLY** the error status LED “A” (closest to capacitor) on the door lock control circuit board will be flashing (see door lock service documentation).

To confirm that the rotation sensor is defective:

Inspect the inside of the machine for signs of leakage, and correct as necessary. If the rotation sensor shows signs of having been wet, replace it.

While the machine is idle, open the loading door.

Rotate the drum by hand. If the rotation sensor is working, pulses are received by the doorlock control circuit board, and the small relays on the board will be just heard to click.

A few seconds after drum rotation is stopped, the relays should click again.

If the rotation sensor is found to be defective, order the appropriate replacement part according to the model and serial number of the machine.

The needed part(s) may be obtained under warranty by contacting Wascomat’s Technical Support Department at 516-371-0700. Please have the serial number(s) of the affected machine(s) available when calling.