

# SHARK CONTROLLER

## FLASH CODES

When the Shark controller senses a fault the Fault Indicator LED, located below the horn button, will flash a number of times, then stop and then start the sequence again. If the fault prevents the chair from driving the Battery Gauge will scroll left to right.



Flash Code	Meaning	Possible Reasons and Solutions
1	Thermal Overload	The motor current has been at the maximum value too long. *The motors may not be strong enough for choosen route,(the route is too steep). *The wheels may be rubbing on the frame. *The motor may be faulty. The controller overheats. *Turn the chair off and let it cool down.
2	Battery Voltage	Battery voltage too low. *Check the battery cables. *Charge the batteries. Batteries are overcharge. *If driving downhill, slow down and turn on the lights, if equipped.
3 4	Left Motor Right Motor	The motor is not connected or a short circuit in the motor wiring. *Check the motor connections. *Check the motor brushes
5 6	Left Brake Right Brake	The brake has been manually released. *Engage the brake, turn the chair off and back on. The brake is not connected or there is a short circuit in the brake connection. *Check that the brake cables are not loose or damage.
7	Joystick	The joystick is not connected. *Check that the joystick cable is connected or not damaged. *Replace the joystick.
8	Controller	Check that the controller cables are connected or not damaged. *Replace controller if cables are good.
9	Communication Error	The controller has a communication error. *Batteries may be completely discharged, charge the batteries. *Check that the controller cables are connected or not damaged. *Replace the controller.
10	Unknown Fault	Check that all cables are connected or not damaged.
11	Incompatibility Fault	Mismatched joystick and controller.

For flash codes 3, 4, 5 & 6 swap the motor connections. If the flash code does not change, then the problem is the controller.