











VSI FLASH CODES

When the VSI controller senses a fault a number of battery indicator LED lights will

Flash Code	Meaning	Possible Reasons and Solutions
ONE LIGHT 	Low Voltage	Check the battery cables and connections. *Charge the batteries.
TWO LIGHTS  OR THREE LIGHTS 	Left Motor Fault	The left motor has a short. *Check the motor wiring and connections. *Test the motor. *Check the motor brushes. *Replace the motor.
FOUR LIGHTS  OR FIVE LIGHTS 	Right Motor Fault	The motor has a short *Check the motor wiring and connections. *Test the motor. *Check the motor brushes. *Replace the motor.
SIX LIGHTS 	Charger Fault	Unplug the charger from the power chair.
SEVEN LIGHTS 	Joystick Fault	Joystick was engaged when power chair was turned on. *Turn power chair off and turn on without engaging the joystick.
EIGHT LIGHTS 	Joystick Fault	The joystick has failed. *Check the joystick connections and wiring. *Replace the joystick.
NINE LIGHTS 	Brake Fault	The brake is not engaged. *Engage the brake. *Check the brake wiring and connections. *Test the brake. *Replace the brake if defective.
TEN LIGHTS 	High Voltage	Batteries are overcharged. *If driving downhill slow down and turn lights on, if so equipped. *Test the charge to ensure that it cuts off when batteries are fully charged

For flash codes 2, 3, 4 or 5, swap the motor connections. If the flash code remains the same, then the problem is the joystick.