

GT8 Scooter Error Code Troubleshooting Guide

Error Code 4: Short Circuit Fault

A short circuit may have occurred in the wiring or installation. Turn off the scooter and check all visible cables. If any are frayed, pinched, or improperly connected, address these first. If the issue persists, a replacement controller may be required.

Error Code 6: 5V Voltage Low

The voltage to the scooter's display is below the required level. This is often due to excessive resistance in the instrument line. Please check the wiring for wear or corrosion.

Error Code 9: Secondary Motor Communication Failed

This error is relevant only for dual-motor scooters. Check the wiring between the primary and secondary motor controllers.

Error Code 10: Instrument Panel Communication Failed

Check the connection between the instrument panel and controller. Power off the scooter, unplug and firmly reconnect the cables, and power on again. If unresolved, the display or controller may require replacement.

Error Code 11/12/13: Motor Current Sensor Abnormal

This error indicates a current sensing issue in the motor. Check the phase line wiring between the motor and controller for secure connections.

Error Code 14: Throttle Hall Sensor Error

Check if the throttle resets to its neutral position when released. Inspect throttle wiring for visible damage. Try unplugging the throttle and restarting the scooter. If the error is gone, the throttle may need replacing.

Error Code 15: Brake Hall Sensor Error

Ensure the brake lever returns to the neutral (zero) position. Inspect brake wiring. Unplug the electronic brake wiring and reboot the scooter to see if the fault clears.

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Error Code 16/17/18: Motor Hall Sensor Error

If this error shows at startup, check the motor Hall sensor connections. If it happens during braking, the motor or controller may need replacing.

Error Code 19: Secondary Motor Hall Error

Relevant only for dual-motor scooters. Check secondary motor Hall sensor wiring. A replacement of the motor or controller might be necessary.

Error Code 21: BMS Communication Error

This is relevant only for scooters with a battery management system that communicates with the controller. If your battery lacks this feature, this code can be ignored.

Error Code 50: Bus High Voltage

The system has detected an overvoltage condition. If this occurs at startup, verify battery voltage. If it happens during a ride, the battery or controller might need replacement.

Error Code 53: System Overload

The scooter has exceeded its designed load capacity. Power cycle the unit. If the issue reappears at startup, consider replacing the controller.

Error Code 55: Controller Overtemperature Warning

The controller is too hot. Let the scooter cool down naturally, then restart. If this happens repeatedly, controller replacement may be needed.

Error Code 58: Battery Overtemperature Warning

The battery temperature is too high. Allow it to cool before restarting. Persistent overheating may indicate deeper issues requiring service.