

Applies to:

Cobra Scooter (COBRA)
 Ambassador Scooter (AMB8)

Diagnostics

Below is a break down of the flash sequence giving an indication of the area which is at fault. If there is a fault present the controller will indicate the fault by a flash sequence.

In the event of a fault being detected, the 3 left most LEDs on the battery gauge will flash green followed by the 3 right most LEDs flashing red. This sequence will continue for approximately 15 seconds until the fault is displayed by one of the LEDs flashing.



DS90/120 with Terminal cover and DS160ACT

The battery gauge will continue flashing until the fault is rectified and the keyswitch has been cycled

<p>1st LED solid RED 2nd LED flash RED * * - - - - -</p>	<p>Low Battery. Battery voltage has dropped below 23.3V. Recharge batteries as soon as possible.</p>
<p>1st LED flash RED * - - - - -</p>	<p>Battery voltage too low. Voltage has dropped below 16.5V. Recharge batteries then check the battery, connections and wiring.</p>
<p>All LEDs flash * * * * * * *</p>	<p>Battery voltage too high. Unplug the charger from the scooter if it is plugged in. Turn the scooter off and on. Reduce speed down any gradients to minimize regenerative charging.</p>
<p>2nd LED flash RED - * - - - - -</p>	<p>Current limit time-out or Controller Too Hot. The scooter may have stalled. Turn the scooter off for a few minutes and turn back on again. Check the motor and associated connections and wiring.</p>
<p>3rd LED flash RED - - * - - - - -</p>	<p>Brake Fault. Either a park brake release switch is active or the park brake is faulty. Check the park brake and associated connections and wiring. Ensure the freewheel lever is in the DRIVE position.</p>
<p>4th LED flash AMBER - - - * - - -</p>	<p>Out of Neutral at Power Up. Return wigwag paddle to neutral then turn off and on again. If problems persist, wigwag paddle may need re-calibrating.</p>
<p>5th LED flash GREEN - - - - * - -</p>	<p>Speed Pot Error. Wigwag paddle or its wiring is faulty. Check the paddle is calibrated and check for open or short circuits.</p>
<p>6th LED flash GREEN - - - - - * -</p>	<p>Motor Volts Error. Motor or its wiring is faulty. Check the paddle is calibrated and check for open or short circuits.</p>
<p>7th LED flash GREEN - - - - - * *</p>	<p>Internal Controller Fault. Check all connections and wiring. If symptoms persist, contact Drive Medical</p>