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CURTIS 1212
FLASH CODES

When the Curtis 1212 controller senses a fault the red battery indicator LED, furthest to the left on the battery gauge, will flash a two digit flash code, then stop and then start the sequence again.

Flash Code	Meaning	Possible Reason and Solution

1-1	Thermal Fault	The motor current has been at the maximum value too long.
		  *The motor may not be strong enough for the terrain (terrain to steep).
		  *The wheels may be rubbing on the frame.
		The motor may be faulty.
		  *Test the motor.
		  *Check the motor brushes.
		The controller overheats.
		  *Turn the unit off and let controller cool down.

1-2	Throttle Fault	Check the throttle wiring and connection.
		  *Test the throttle.
		  *Replace the throttle if defective.

1-3	Speed Pot Fault	Check the speed pot wiring and connection.
		  *Test the speed pot.
		  *Replace the speed pot if defective.

1-4	Low Voltage	Check the battery cables and connections. *Charge the batteries.

1-5	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

2-1 or 2-3 or 2-4	Main Faults	Check the controller wiring and connection. *Replace the controller.

3-1	Throttle Fault	The throttle is misadjusted.
		  *Test and adjust the throttle.
		  *Replace the throttle if it cannot be adjusted.

3-2 or 3-4	Brake Fault	The brake is not engaged.
		  *Engage the brake.
		  *Check the brake wiring and connections.
		  *Test the brake.
		  *Replace the brake if defective.

3-3	Precharge Fault	*Turn unit off and turn on without engaging the throttle. If fault does not clear replace the controller.
3-5	HDP Fault	If fault is right out of the box, it is either throtle or controller. It unit has been used for some time replace the throttle.

4-1 or 4-2 or 4-4	Motor or Controller Fault	The motor has a short
		  *Check the motor wiring and connections.
		  *Check the motor brushes.
		  *Replace the motor.
		The controller has failed.
		  *Check the controller wiring and controller.
		  *Replace the controller.

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