



Curtis Controller Fault Code Translator

Full List Of Faults For Motor Controller Model 1225

Code	Fault	Cause
11	Hardware Failsafe 2	<ol style="list-style-type: none"> 1. Short in motor or in motor wiring. 2. Controller failure
11	Hardware Failsafe 4	<ol style="list-style-type: none"> 1. Short in motor or in motor wiring. 2. Controller failure
12	Hardware Failsafe 1	<ol style="list-style-type: none"> 1. EEPROM Failure or Fault.
12	Hardware Failsafe 3	<ol style="list-style-type: none"> 1. Main Contactor welded. 2. Main Contactor driver Fault. 3. Main Contactor coil Fault.
12	Precharge	<ol style="list-style-type: none"> 1. Internal Controller Fault. 2. Low battery voltage
12	Hardware Failsafe	<ol style="list-style-type: none"> 1. Motor voltage does not correspond to throttle request. 2. M1 or M2 output shorted to B- or B+. 3. Internal motor short. 4. Controller failure
21	Static Return to Off	<ol style="list-style-type: none"> 1. Improper sequence of KSI, power enable, and

		<p>direction inputs.</p> <p>2. Wrong Static Return to Off type selected.</p> <p>3. Direction switch circuit open.</p>
22	High Pedal Disable	<p>1. Improper sequence of KSI, power enable, and direction inputs.</p> <p>2. Misadjusted throttle pot</p>
23	Process/Wiring	<p>1. Misadjusted throttle.</p> <p>2. Defective throttle pot or throttle mechanism</p>
24	Speed Limit Pot	<p>1. Speed limit pot wires broken or shorted.</p> <p>2. Defective Speed limit pot.</p>
31	Belly Button Wiring Check	<p>1. Belly Button wire open.</p> <p>2. Belly Button check wire open.</p>
32	EMBrake Driver	<p>1. Electromagnetic brake coil shorted or open.</p> <p>2. Electromagnetic brake wiring open.</p>
33	Throttle 1	<p>1. Throttle input wire open.</p> <p>2. Throttle input wire shorted to B- or B+.</p> <p>3. Throttle pot defective.</p> <p>4. Wrong throttle type selected.</p>
41	Low Battery Voltage	<p>1. Battery voltage below 6V.(24V models), below21V(36V models), or below27V(48V models).</p> <p>2. Corroded or loose battery terminal.</p> <p>3. Loose Controller terminal</p>
42	Over Voltage	<p>1. Battery voltage above 36V(24V model), above 48V(36V models), above 60V(48V models).</p> <p>2. Vehicle operating with charger attached.</p>
43	Thermal Cutback	<p>1. Temperature above 95 DEG C or below -25 DEG C.</p>

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| | <ol style="list-style-type: none">2. Excessive load on vehicle.3. Improper mounting of Controller.4. Operation in extreme environments. |
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MANUAL

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