



Curtis Controller Fault Code Translator

Full List Of Faults For Motor Controller Model 1227

Code	Fault	Cause
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 direction inputs. 2. Wrong Static Return to Off type selected. 3. Direction switch circuit open.

22	High Pedal Disable	<ol style="list-style-type: none"> 1. Improper sequence of KSI, power enable, and direction inputs. 2. Misadjusted throttle pot
23	Process/Wiring	<ol style="list-style-type: none"> 1. Misadjusted throttle. 2. Defective throttle pot or throttle mechanism
24	Speed Limit Pot	<ol style="list-style-type: none"> 1. Speed limit pot wires broken or shorted. 2. Defective Speed limit pot.
31	Belly Button Wiring Check	<ol style="list-style-type: none"> 1. Belly Button wire open. 2. Belly Button check wire open.
32	EMBrake Driver	<ol style="list-style-type: none"> 1. Electromagnetic brake coil shorted or open. 2. Electromagnetic brake wiring open.
33	Throttle 1	<ol style="list-style-type: none"> 1. Throttle input wire open. 2. Throttle input wire shorted to B- or B+. 3. Throttle pot defective. 4. Wrong throttle type selected.
41	Low Battery Voltage	<ol style="list-style-type: none"> 1. Battery voltage below 6V.(24V models), below 21V(36V models), or below 27V(48V models). 2. Corroded or loose battery terminal. 3. Loose Controller terminal
42	Over Voltage	<ol style="list-style-type: none"> 1. Battery voltage above 36V(24V model), above 48V(36V models), above 60V(48V models). 2. Vehicle operating with charger attached.
43	Thermal Cutback	<ol style="list-style-type: none"> 1. Temperature above 95 DEG C or below -25 DEG C. 2. Excessive load on vehicle. 3. Improper mounting of Controller. 4. Operation in extreme environments.

HOME

MANUAL

PIN-OUT

© 2019 CURTIS INSTRUMENTS