

# Fault List Q-Logic 3

Number	Error Text	Help Text
1	Warning: Motor 1 not connected	Motor 1 error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
1	Error: Motor 1 not connected	Motor 1 error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
2	Warning: Motor 2 not connected	Motor 2 error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
2	Error: Motor 2 not connected	Motor 2 error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
3	Error: Brake 1 not connected	Brake 1 error detected 1. Turn power off 2. Disengage then re-engage brake lever 3. Inspect motor connections 4. Turn power on
4	Error: Brake 2 not connected	Brake 2 error detected 1. Turn power off 2. Disengage then re-engage brake lever 3. Inspect motor connections 4. Turn power on
5	Warning: Attendant Control On/Off Jack disconnected	Attendant Control On/Off jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the On/Off Jack switch 3. Turn power on
6	Warning: Enhanced Display On/Off Jack disconnected	Enhanced Display On/Off jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the On/Off Jack switch 3. Turn power on
7	Warning: Handcontrol On/Off Jack disconnected	Handcontrol On/Off Jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the On/Off Jack switch 3. Turn power on
8	Warning: Stand Alone Joystick On/Off Jack disconnected	Stand Alone Joystick On/Off jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the On/Off Jack switch 3. Turn power on
9	Warning: Attendant Control Mode Jack disconnected	Attendant Control Mode jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the Mode Jack switches 3. Turn power on
10	Warning: Enhanced Display Mode Jack disconnected	Enhanced Display Mode jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the Mode Jack switches 3. Turn power on
11	Warning: Handcontrol Mode Jack disconnected	Handcontrol Mode jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the Mode Jack switches 3. Turn power on
12	Warning: Stand Alone Joystick Mode Jack disconnected	Stand Alone Mode jack switch disconnected 1. Turn power off 2. Disconnect then re-connect the Mode Jack switches 3. Turn power on
13	Warning: D-Sub (9-Pin) disconnected	D-Sub (9-Pin) disconnected 1. Turn power off 2. Disconnect then re-connect the D-Sub (9-Pin) 3. Turn power on
14	Warning: Proportional input device not connected	Proportional input device not connected If configured wrong: 1. Connect programming device 2. Select correct input device Otherwise: 1. Turn power off 2. Disconnect then re-connect the D-Sub (9-Pin) 3. Turn power on
14	Error: Proportional input device not connected	Proportional input device not connected If configured wrong: 1. Connect programming device 2. Select correct input device Otherwise: 1. Turn power off 2. Disconnect then re-connect the D-Sub (9-Pin) 3. Turn power on

Number	Error Text	Help Text
15	Warning: Drive Motor Encoder not connected	Encoder error detected 1. Turn power off 2. Disconnect both encoder cables 3. Inspect encoder connections 4. Reconnect both encoder cables 5. Turn power on
16	Error: Brake 1 shorted or programmed incorrectly	Brake 1 error detected 1. Connect programming device 2. Check Brake Voltage Setting 3. Turn power off 4. Disengage then re-engage brake lever 5. Inspect motor connections 6. Turn power on
17	Error: Brake 2 shorted or programmed incorrectly	Brake 2 error detected 1. Connect programming device 2. Check Brake Voltage Setting 3. Turn power off 4. Disengage then re-engage brake lever 5. Inspect motor connections 6. Turn power on
18	Warning: Actuator shorted	Seat error detected 1. Turn power off 2. Disconnect and reconnect seat module cables one at a time 3. Turn power on
19	Warning: Drive Motor Encoder shorted	Encoder error detected 1. Turn power off 2. Disconnect both encoder cables 3. Inspect encoder connections 4. Reconnect both encoder cables 5. Turn power on
20	Warning: Undervoltage	Charge Battery
20	Error: Undervoltage	Charge Battery
21	Error: Overvoltage	Check the battery voltage, batteries may be overcharged. Avoid driving downhill fast with fully charged batteries.
22	Warning: Speed reduction (Overvoltage)	Check the battery voltage, batteries may be overcharged. Avoid driving downhill fast with fully charged batteries.
23	Error: Motor 1 output defect	Motor 1 error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
24	Error: Motor 2 output defect	Motor 2 error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
25	Error: Brake 1 error	Brake 1 error detected 1. Turn power off 2. Disengage then re-engage brake lever 3. Inspect motor connections 4. Turn power on
26	Error: Brake 2 error	Brake 2 error detected 1. Turn power off 2. Disengage then re-engage brake lever 3. Inspect motor connections 4. Turn power on
27	Error: Motor output defect	Powerbase error detected 1. Turn power off 2. Check Motor wiring and wait 5 seconds 3. Turn power on
28	Warning: Main contactor error	Powerbase error detected 1. Turn power off 2. Wait 5 seconds 3. Turn power on
29	Warning: Main contactor error	Powerbase error detected 1. Turn power off 2. Wait 5 seconds 3. Turn power on
30	Error: Main contactor error	Powerbase error detected 1. Turn power off 2. Wait 5 seconds 3. Turn power on
31	Warning: Motor stall detected	Motor stall detected 1. Back up and try to overcome obstacle again with more speed 2. If chair stalls again, drive around the obstacle or find a location where the obstacle height is lower
32	Error: Overtemperature	Chair stopped to protect system electronics 1. Turn power off to let system cool down. Note: This is the normal system behavior.
33	Warning: Speed reduction (Overtemperature)	Chair speed is reduced to protect system electronics 1. Turn power off to let system cool down. Note: This is the normal system behavior.

Number	Error Text	Help Text
34	Error: Bus voltage dropped	Primary system module (HC/ED) error detected 1. Turn power off 2. Inspect Handcontrol and/or Enhanced Display cable 3. Disconnect and reconnect Handcontrol and/or Enhanced Display cable 4. Turn power on
35	Error: Joystick not centered	Joystick deflected at power up 1. Turn power off 2. Release joystick to neutral position 3. Turn power on
36	Warning: Joystick out of center	Joystick deflected at power up 1. Turn power off 2. Release joystick to neutral position 3. Turn power on
37	Warning: Switched input pressed	Switched input pressed at power up 1. Turn power off 2. Release switched input 3. Turn power on
38	Error: Switched input not released	Switched input pressed at power up 1. Turn power off 2. Release switched input 3. Turn power on
39	Warning: Incompatible Device connected	Incompatible device 1. Turn power off 2. Remove incompatible device 3. Turn power on
40	Warning: Encoder connected but not configured	Encoder error detected 1. Connect programming device 2. Enable encoders 3. Cycle the power 4. If encoders are available but not used, disable encoders with a programming device and unplug both encoder cables.
41	Error: Input device is not configured	Configuration load error, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
42	Error: Incompatible secondary module version	An incompatible secondary module is connected to the system 1. Turn power off 2. Remove incompatible device from the system 3. Turn power on
43	Warning: Motor 1 current measurement out of range	Motor 1 current measurement error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
44	Warning: Motor 2 current measurement out of range	Motor 2 current measurement error detected 1. Turn power off 2. Inspect motor connections 3. Turn power on
45	Warning: Input device is not present	Input device selected is not present 1. Connect programming device 2. In the 'Startup Configuration' menu select an input device that is connected to the system 3. Cycle the power
46	Warning: Bluetooth not working	Bluetooth error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
47	Warning: Suspension lock not engaged - Seek level ground	Suspension lock not engaged 1. Seek level ground 2. Check suspension lock mechanism
48	Error: Invalid 1-Switch Scanner sequence	Invalid 1-Switch Scanner sequence 1. Connect programming device 2. Check if scanner sequence makes sense (e.g. empty or step 2 defined but no step 2 entry)
49	Error: DMS fault	DMS line interruption 1. Turn power off 2. Wait 5 seconds 3. Turn power on
50	Warning: Device exchanged	An existing device has been exchanged/replaced, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
51	Warning: Device added	A new device has been added to the system, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on

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52	Warning: Device removed	A device was removed from the system, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
53	Warning: Sip N Puff not in neutral position	Sip N Puff input operated at power up 1. Turn power off 2. Release Sip N Puff input 3. Turn power on
54	Error: Sip N Puff out of neutral position	Sip N Puff input operated at power up 1. Turn power off 2. Release Sip N Puff input 3. Turn power on
55	Warning: Test version	The installed software was built for test purposes only.
56	Warning: Actuator Overcurrent	Seat error detected 1. Turn power off 2. Disconnect and reconnect seat module cables one at a time 3. Turn power on
57	Error: Severe Overtemperature	Seat error detected 1. Turn power off to let system cool down 2. Turn power on 3. If error persists, change actuator module
58	Error: H-Bridge defect	Seat error detected 1. Turn power off 2. Disconnect and reconnect seat module cables one at a time 3. Turn power on 4. If error persists, change actuator module
59	Error: ADC Overrun	H>Error: ADC Overrun
60	E:Pressure Sensor not connected	H:Pressure Sensor not connected
61	E:Non active input activated	H:Non active input activated
62	E:Actuator relay	H:Actuator relay
63	E:Sip Parameter wrong	H:Sip Parameter wrong
64	E:Puff Parameter wrong	H:Puff Parameter wrong
65	E:Switched input not released	H:Switched input not released
66	Error Message: Actuator Undervoltage	Help Text: Actuator Undervoltage
67	E:Actuator Undervoltage	H:Actuator Undervoltage
68	E:Speed reduction	H:Speed reduction
69	Warning: Actuator timeout	
70	IR for handcontrol is not enabled.	Help: IR for handcontrol is not enabled.
71	Warning: Corrupt IR data.	Help: Corrupt IR data.
72	Warning: Speed Reduction (Stability Control Supervision)	
202	Error: Emergency system power down	Emergency system power down 1. Turn power off 2. Wait 5 seconds 3. Turn power on
203	Error: Pre drive test error	Pre drive test error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
204	Warning: Communication error	Communication error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
204	Error: Communication error	Communication error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
205	Warning: Memory error	Memory error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
206	Warning: Data error	Data error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
206	Error: Data error	Data error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
207	Warning: SD-Card access failed	SD-Card error detected 1. Turn power off 2. Remove and inspect SD-Card 3. Plug the SD-Card back in 4. Make sure the SD-Card is inserted correctly 5. Turn power on 6. If issue persists, format the SD-Card
208	Warning: Supervision error	Supervision error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on

<b>Number</b>	<b>Error Text</b>	<b>Help Text</b>
208	Error: Supervision error	Supervision error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
209	Warning: Supervision software download error	Supervision software download error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
210	Error: Software error	Software error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
211	Error: Software error	Software error detected, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
212	Warning: Reset to default values	Reset to default, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
213	Warning: Parameter database restored	Parameter restored, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
214	Warning: Database load error	Database load error, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on
215	Warning: Parameter database not saved	Database load error, please reboot system 1. Turn power off 2. Wait 5 seconds 3. Turn power on