

TRIO+: Scrubber System Diagnostic Codes

12/18/03

Scrubber System Faults External to TRIO+

<u>Code</u>	<u>Fault Description</u>	<u>Corrective Action</u>
0810	TILLER FAULT-1	For all Tiller Diagnostic Codes:
0811	TILLER MAX WIPER DIFFERENCE ERROR	1- Check throttle wiring for shorts or opens. Repair or replace as necessary.
0812	TILLER MAX PULL DOWN DIFFERENCE ERROR	2- If Diagnostic Code is not cleared, then replace throttle.
0813	TILLER MAX PULL SAFE DIFFERENCE ERROR	" " " "
0814	TILLER REFERENCE ERROR	" " " "
0815	TILLER LO REFERENCE ERROR	" " " "
0816	TILLER HI REFERENCE ISO ERROR	" " " "
0817	TILLER LO REFERENCE ISO ERROR	" " " "
0818	TILLER ERROR BOTH HAVE READINGS	" " " "
1310	EXCESSIVE CURRENT TRIP	
1311	SOFT AUX1 OVERCURRENT OCCURRED	Device connected to Aux-1 exceeded current limit. Check wiring or replace device.
1312	SOFT AUX2 OVERCURRENT OCCURRED	Device connected to Aux-2 exceeded current limit. Check wiring or replace device.
1313	SOFT AUX3 OVERCURRENT OCCURRED	Device connected to Aux-3 exceeded current limit. Check wiring or replace device.
1314	SOFT AUX4 OVERCURRENT OCCURRED	Device connected to Aux41 exceeded current limit. Check wiring or replace device.
1318	SOFT BRAKE LIGHT OVERCURRENT OCCURRED	Brake light circuit exceeded current limit. Check wiring or replace device.
131C	SOFT ALARM OVERCURRENT OCCURRED	Alarm circuit exceeded current limit. Check wiring or replace device.
1321	AUX1 OVERCURRENT 2 OCCURRED	Device connected to Aux-1 exceeded current limit. Check wiring or replace device.
1322	AUX2 OVERCURRENT 2 OCCURRED	Device connected to Aux 2 exceeded current limit. Check wiring or replace device.
1411	ERROR AUX 1 POSITIVE SHORTED LOW	Check Aux-1 wiring and device connected to Aux-1. Repair or replace as necessary.
1412	ERROR AUX 1 NEGATIVE SHORTED LOW	Check Aux-1 wiring and device connected to Aux-1. Repair or replace as necessary.
1413	ERROR AUX 2 POSITIVE SHORTED LOW	Check Aux-2 wiring and device connected to Aux-2. Repair or replace as necessary.
1414	ERROR AUX 2 NEGATIVE SHORTED LOW	Check Aux-2 wiring and device connected to Aux-2. Repair or replace as necessary.
1501	BRAKE FAULT 2	Check Brake circuit wiring and brake. Repair or replace as necessary.
1507	BRAKE OVER CURRENT ERROR	Check Brake circuit wiring and brake. Repair or replace as necessary.
1600	HIGH BATTERY ERROR	Battery is overcharged or damaged. Replace battery.
1D02	FRONT END SPEC CHANGE TRIP	Drive parameters have been reprogrammed. Cycle power with keyswitch.
1E03	INHIBIT ACTIVATED	Fix whatever condition is causing Inhibit signal; i.e. fill water tank, etc.
1E04	INHIBIT ACTIVATED2	Fix whatever condition is causing Inhibit signal; i.e. fill water tank, etc.
1E06	INHIBIT INPUT OUT OF RANGE	Invalid Inhibit signal. Check wiring and device. Repair or replace as necessary.
Scrubber System Faults External to TRIO+		
2C00	LOW BATTERY ERROR	Battery Charge to low. Recharge battery.
2C01	LOW BATTERY ERROR2	Battery Charge to low. Recharge battery.
2C02	SOFT BATTERY LOCKOUT OCCURRED	Battery Charge to low. Recharge battery.
2C03	SOFT BATTERY LOCKOUT 2 OCCURRED	Battery Charge to low. Recharge battery.
2F01	TILLER DISPLACED ERROR	Throttle displaced on Power-up. Release throttle and then re-engage throttle.
3A00	BAD SETTINGS	Illegal program parameter settings.
7000	STARTUP WITH PUSH SELECTED	
7001	PUSH ACTIVATED IN DRIVE MODE	
7500	TILLER COMMS TIMEOUT	Problem with LCD Module or wiring. Repair or replace as necessary.
7600	SOFT BRUSH MOTOR DISCONNECTED ERROR	
7601	SOFT BRUSH CURRENT FOLDBACK	
7602	SOFT BRUSH CURRENT FOLDBACK2	
7603	SOFT BRUSH CURRENT FOLDBACK3	
7604	SOFT BRUSH INHIBIT	
7605	BRUSH STARTUP OVERCURRENT DETECTION	
7700	SOFT VACUUM MOTOR DISCONNECTED ERROR	
7701	SOFT VACUUM CURRENT FOLDBACK	
7702	SOFT VACUUM CURRENT FOLDBACK2	
7703	SOFT VACUUM CURRENT FOLDBACK3	
7800	TRACTION MOTOR FAULT-1	
7801	TRACTION MOTOR OVER CURRENT ERROR	
7802	SOFT TRACTION MOTOR IN FOLDBACK STATE	Traction Motor being overloaded or Foldback parameters set too low.
7803	MOTOR LINE VOLTAGES INSTABILITY TIMEOUT	
7880	TRACTION SPEED INPUT OUT OF RANGE	
7900	EMERGENCY STOP ERROR	
7901	SOFT BELLY BUTTON ACTIVATED	

