

Go Swiss Failure Codes

Uitleg foutcodes in het GSD display

Geeft het display een foutcode? Raadpleeg dan onderstaande lijst om de oplossing te vinden.

Error code	Defect group	General error description	Remedy
0	No errors.		
1			
2	Current sensor zero offset too big.	During calibration: different current values measured, incorrect positioning of the current sensor, defective winding.	Re-calibration, otherwise: return to GSD.
3			
4			
5			
6	Incorrect load voltage calibration electronics.	Voltage dip during calibration, defective cable, defective printboard.	Re-calibration, otherwise: return to GSD.
7			
8	False current sensor signal phase A / C.	During calibration: different current values measured, incorrect positioning of the current sensor, defective winding.	Re-calibration, otherwise: return to GSD.
9			
10			
11			
12	Overcurrent phase A / C.	During calibration: different current values measured, incorrect positioning of the current sensor, defective winding.	Re-calibration, otherwise: return to GSD.
13			
14			
15			
16	JIG current flawed.	Defective printboard.	Return to GSD.
17			
18			
19			
20			
21			
22	Amplifier false target value for test current.	Source voltage too low, check battery, defective cable / plug.	Check, otherwise: return to GSD or battery manufacturers.
23			
24			
25			
26	Power stage overcurrent.	Defective printboard.	Return to GSD.
27			
28	Positioning error, phase error too large.	Location magnetic defective Hall sensor is not set within the permissible tolerances, Hall sensor defective.	Re-calibration, otherwise: return to GSD.
29			
30	Exceeded PWM (motor voltage) - Power Amplifier.	Defective printboard.	Re-calibration, otherwise: return to GSD.
31			
32	Unexpected motor behavior.	Various causes.	Re-calibration, otherwise: return to GSD.
33			
34	Errors in serial communication.	Wrong PC settings, defective connection cable, defective printboard.	Check whether the function acts correctly in combination with another engine or PC, otherwise: return to GSD.
35			
36			
37	Checksum incorrect.	Defective PC interface, defective connection cable, defective printboard.	Check function with another PC or interface.
38	Incorrect voltage on internal + 15V power supply.	Defective printboard.	Return to GSD.
39			

Error code	Defect group	General error description	Remedy
40	Low voltage battery supply.	Short-term undervoltage, voltage source too small or defective, defective cable / plug, defective printboard.	Check battery and / or plug-in connection.
41	Surge battery supply.	Short-term undervoltage, voltage source too small or defective, defective cable / plug, defective printboard.	Check battery and / or plug-in connection.
42	N / A		
43			
44	Timer is not running.	Defective printboard.	Return tos GSD.
45			
46	A / D Wandler in error.	Defective printboard.	Return tos GSD.
47			
48			
49	Malfunction Hall sensor.	Defective magnet, Hall sensor is not set within the permissible tolerances, defective Hall sensor	Re-calibration, otherwise: return to GSD.
50			
51			
52			
53	Current calibration is missing.	Failure during calibration.	Recalibration.
54	Engine calibration is missing.	Failure during calibration.	Recalibration.
55	System calibration is missing.	Failure during calibration.	Recalibration.
56	Internal error.	Defective printboard.	Return to GSD.
57			
58			
59			
60			
61			
62	Defective power amplifier or motor.	Defective printboard.	Return to GSD.
63	Direct input YN / XN does not follow mirrored YP / XP.	Failure during calibration, defective printboard.	Re-calibration, otherwise: return to GSD.
64			
65	Direct Input error.	NA BikeBus- System.	New calibration, errors can be ignored!
66			
67			
68			
69	Internal error.	Defective printboard.	Return to GSD.
70			
71	EEPROM defective.	Defective printboard.	Return to GSD.
72			
73	Battery amp. too high	See battery manufacturer.	Return to battery manufacturer.
74			
75	Motor temperature too high	Failure during calibration board defective, ambient temperature is not allowed during the calibration.	Re-calibration, otherwise: return to GSD
76			
77	PCB / ambient temperature temperature too high	Defective printboard.	Return to GSD.
78	Internal error.	Defective printboard.	Return to GSD.
79			
80			
81			
82	Temperature sensor faulty.	Failure during calibration, defective printboard, ambient temperature during the calibration not tolerable.	Re-calibration, otherwise: return to GSD.
83			

Error code	Defect group	General error description	Remedy
84	Torque sensor faulty.	Failure during calibration, defective printboard.	Re-calibration, otherwise: return to GSD.
85			

Algemene fouten

Error description	Check 1	Check 2	Remedy
Motor runs very inefficient.			Calibrate the motor.
Motor supports in level 0.			Rewrite the record.
Motor runs backward.	Check the torque sensor with the Service Tool.	Bars for torque sensortest point forward?	Calibrate the motor.
Motor runs backward.	Check the torque sensor with the Service Tool.	Bars for torque sensortest point backwards?	Send engine.
Engine runs only by itself when it is pushed?	Only when the battery is full?		Play new record or 45V patch.
Engine runs only by itself when it is pushed?	Even with 'empty' battery?	With support setting unequal 0?	Re-calibrate the motor and record. If not repaired, send engine.
Engine runs only by itself when it is pushed?	Even with 'empty' battery?	Even with support setting equal to 0?	Replace the dataset and re-calibrate. If not corrected engine sending.
Engine runs only by itself when it is pushed?	Hang bicycle in a montage stand and switch system. Do not move the motor and wait until the system turns off by itself. Is the engine running freely?		Send engine.
No function of motor despite full function display.	Display < V1.23?		Test torque sensor with the Service Tool. Closing contact for recuperation brake switch unintentionally closed defective? Remove the battery while the display is on and restart the system.

Foutcodes communicatie - EVO display

Error code	Defect group	General error description	Remedy
C34-C39	Communication error.	Unexpected communication on the bus.	"Restart the system. Check the connection to the motor and wiring harness. Otherwise, return to GSD."
C40	Communication error.		Check the connection to the motor and wiring harness. Otherwise, return to GSD.
C64	Communication error.	Bus device (motor / battery) does not respond correctly.	Check connection to the motor and battery, check wiring harness (measuring point chart and repair instructions). Other defects motor and battery? (Cross-test). Otherwise, claim GSD or battery manufacturer.
C65-C67	Communication error.	Transmission error by bus station.	Restart the system or reset the battery.
C68	Communication error.		Check connection to motor and wiring harness. Otherwise, return to GSD.
C128	Communication error.		Check connection to motor and wiring harness. Otherwise, return to GSD.

Foutcodes display - EVO display

Error code	Defect group	General error description	Remedy
D300-D303	Display internal error.	Unexpected state.	Reboot the display. In case of permanent errors, contact GSD.
D304	Display internal error.	Display battery empty.	Replace the battery.
D305	Compatibility error.	Unsupported USB stick.	Use a different USB stick.

Foutcodes display & communicatie - Standaard display

Error code	Defect group	General error description	Remedy
1-16	Hardware error.	Not permanently soluble.	Replacement / return display to GSD.
20-21	Communication error.	Unexpected communication on the bus.	Restart the system.
22-27	Communication error.	Control unit can not send to the bus.	Reconnect motor and / or battery. Check contacts & wiring harness (observe measurement point table). Other defects motor and battery? (Cross-test).
40	Communication error.	Bus device (motor / battery) does not respond correctly.	Restart the system. Check contacts & wiring harness.
41-43	Communication error.	Transmission error by bus station.	The system is restarted or reset of the battery. Check contacts & wiring harness.
C0	Communication error.	Motor response is missing.	Check contacting to the engine and harness check (measuring point table and repair instructions). Engine? (Cross test). Otherwise, return to GSD.

Kalibratie

Calibration
<p>Note: At the beginning of the calibration process, the initial values are read. During the calibration process, the min and max values are reviewed to the initial value. If these are not within a permissible tolerance to the start value, the process is aborted. It can therefore be useful to repeat the calibration process at a different start position in order to obtain a slightly changed starting value.</p>