

5.7 Last Stop Cause

Every time the mower stops with an error message (+ Press GO), it is possible to look at the 'Last stop cause' information under the 'Information' menu and to have more details about the reason, which cause the mower to stop.

The table below shows the description of the stop cause:

Stop cause #	Message	Description
1		Internal use
2	Blocked path	Bumper event was received during GO sequence
3	Start elsewhere	Software problem – bumper related
4	Start elsewhere	Software problem – bumper related
5	Start elsewhere	Software problem – bumper related
6	Start elsewhere	Software problem – bumper related
7	Drive overload	Drive motor overload
8	Low battery	Very low battery voltage
9	Start elsewhere	Software problem
10	Drive problem	Problem in the odometer (drive wheels are active but odometer pulses are not detected)
11	Drive overload	Drive motor overload
11 (only in 2005 version)	Start elsewhere	Time out during forward or backward movements during scanning (The robot is probably stuck)
12	Front wheel prob.	Robomow has exceeded the allowed front wheel detection time (Drop off)
13	D.K. problem	DK problem
14	Start elsewhere	DK current calibration failure (During the mowing motors activation in the GO sequence)
15	Start elsewhere	Software problem
16	Start elsewhere	Software problem
17	Start elsewhere	Software problem
18	Start elsewhere	Software problem
19	Start elsewhere	Time out during forward or backward movements during scanning (The robot is probably stuck)
20	No wire signal	Mechanism for recovering from electricity power interruption during automatic operation has failed
21	Mowing overload	Mechanism for recovering from mowing motors overheat during automatic operation has failed
22	Front wheel prob.	Robomow has exceeded the allowed front wheel detection time (Drop off)

Stop cause #	Message	Description
23	Start elsewhere	Problem with the wire during Edge Robomow has detected that all 4 wire sensors are outside the garden for too long
24	Start elsewhere	Problem with the wire during Edge
25	Start elsewhere	Problem with the wire during Edge Robomow unable to locate the wire for too long
26	Start elsewhere	Failure of the Wire Acquisition process
27	Start elsewhere	Software problem
28	Start elsewhere	Failure of the Wire Acquisition process - rear bumper was detected during Acquisition
29	Max dist reached	Robomow has reached the maximal Edge distance during the "Learn Edge" process
30	Docking problem	Edge process was terminated before we reached the docking station
31	Start elsewhere	Software problem
32	Start elsewhere	Software problem
33	Drive overload	Mechanism for recovering from drive motors overheat during automatic operation has failed
34	Check mow height	Mowing motors problem Mowing motors are off but high currents are measured. This means that either the mowing motors or the Main board are damaged.
36	Check mow height	Mowing motors problem High Mowing motors currents are detected after Mowing currents calibration in GO (after mowing motors are activated for a few seconds when robot is not moving).
37	Start elsewhere	Software problem
38	Start elsewhere	Software problem
39	Start elsewhere	Software problem
40	Check mow height	Mowing motors problem Too many over current events occurred during automatic mode.
41	Start elsewhere	Software problem
42	Start elsewhere	Software problem
43	Check mow height	Mowing motors problem Over current event during manual mode
44	Start elsewhere	Software problem
45	Docking problem	Failure connecting to the docking station
46	Start elsewhere	Software problem
47	Start elsewhere	Software problem
48	Start elsewhere	Software problem

Stop cause #	Message	Description
49	Start elsewhere	Problem with the wire sensors readings
50	Start elsewhere	Software problem
51	Start elsewhere	Problem with the wire sensors readings
52	Start elsewhere	Software problem
53	Blocked path	Path is blocked
54	No wire signal	No wire signal during automatic operation
55	Front bumper disc	Front bumper disconnected
56	Rear bumper disc	Rear bumper disconnected
57	Front bmp pressed	Front bumper pressed
58	Front bmp pressed	Front bumper pressed
59	Rear bmp pressed	Rear bumper pressed
60	Move from wire	Problem with the wire sensors readings Perimeter wire might be too close
61	Start elsewhere	Problem with the wire sensors readings
62	Start elsewhere	Problem with the wire sensors readings Wire synchronization failure
63	No wire signal	No wire signal
64	Set country	Set country
65	Calibration req.	DK calibration is required
66	Enable dock on/off	Enable/Disable docking station
67	Start elsewhere	Software problem
68	Blocked path	Bumper detection during manual mowing
72	Start elsewhere	Software problem
73	Start elsewhere	Software problem
76	Frnt bumper disc	Front bumper disconnected
77	Rear bumper disc	Rear bumper disconnected
78	Time completed	Working time expired
79	Start elsewhere	Software problem
80	Start elsewhere	Software problem
81	Start elsewhere	Problem with the wire sensors readings
82	No wire signal	No wire signal
83	No wire signal	No wire signal detected during GO
84	Move from wire	Problem with the wire sensors readings Perimeter wire might be too close
85	Start elsewhere	Problem with the wire sensors readings
86	Start elsewhere	Problem with the wire sensors readings

Stop cause #	Message	Description
87	No wire signal	No wire signal
88	Move from wire	Problem with the wire sensors readings
89	Start elsewhere	Problem with the wire sensors readings
90	Move from wire	Problem with the wire sensors readings Perimeter wire might be too close
91	Start elsewhere	Problem with the wire sensors readings
92	Move from wire	Problem with the wire sensors readings Perimeter wire might be too close
93	Start elsewhere	Problem with the wire sensors readings
94	No wire signal	No wire signal
95	No wire signal	No wire signal
96	Recharge batt.	Battery needs recharging
98	Start elsewhere	Software problem
100	Check mow height	Mowing motors problem
101	Mowing Overload	Mowing motors overload
102	Drive overload	Drive motors overload
103	Start elsewhere	Problem with the wire sensors readings during Edge
107	Start elsewhere	Failure of the Wire Rescue maneuver
109	Start elsewhere	Software problem
113	Replace lamp	Replace lamp
114	Thermistors fail	Thermistors failure
115	Bumper disc.	Bumper disconnected
116	Bumper disc.	Bumper disconnected
117	'Button name' pressed	One of the remote's buttons is pressed during power up
118	Start elsewhere	Problem with the wire sensors readings
119	Rain detected	Rain detected
120	Replace blades	Replace blades
121	Docking problem	Robot did not succeed disconnecting from the docking
122	Docking problem	Edge process was terminated before we reached the docking station because perimeter island was detected
123	Docking problem	Edge process was terminated before we reached the docking station because we reached the required DK quarters
124	Docking problem	Software problem
125	Docking problem	Edge process was terminated before we reached the docking station because we reached the required edge distance that was set by the user in this Zone
126	Docking problem	Edge process was terminated before we reached the docking station because we reached the required DK quarters

Stop cause #	Message	Description
128	Max dist reached	Robomow has reached the maximal Edge distance during the "Wire position test"
129	Test result: 'result'	Termination of the Edge termination test
130	Test result: 'result'	Termination of the docking station entry test
131	Docking problem	Robomow has slid off the docking station more than 5 times during the current charging process
132	Docking problem	Robomow has slid off the docking station more than 5 times during the current charging process
134	Low temperature	Ambient temperature is too low for more than 12 hours during the charging process
135	High temperature	Ambient temperature is too high for more than 12 hours during the charging process
136	Charging failure	Charging problem
137	Charging failure	Charging FET temperature is too high for more than 3 hours during the charging process
138	Check P. switch	Perimeter switch problem
139	Check Power	No wire or charger voltage are detected in the docking station for more than 1 minute
140	Check Power	Charging problem
141		STOP button was pressed during automatic operation
142		Remote was taken out during automatic operation
143	Left/Mid/Right mow problem	Disconnected or burnt Left Right or Middle mowing motor
144	Start elsewhere	Robot stuck monitor detection. Robot is stuck in place for too long.
145	One of the following: No wire signal Mowing overload Drive overload	Auto restart mechanism stop.