

# EC320D massage chair auto-check list

**start/stop : KNEAD + TAP + POWER Keep press these tree key for 2s, then it is start/stop auto-check model**

**After enter auto-checking model the display keep flashing, if there is something wrong with the chair the time area will show you the exact cord of the problem, meanwhile the buffer will make noise.**

Code	Error description	Probable cause	Elimination method	Remarks
01	remote control tested any key pressed more than 40 seconds	1. one of the KEY has been blocked.	1. check the key of the remote control	turn on the chair
02	remote control did not connected	1. remote control wire is broken or the remote control is disconnected	1. reconnecte the remote control or change the remote control wire.	turn on the chair
03	tested signals from up & down limit sensor at the same time.	1. up & down limit sensor are broken 2. backrest wire(black) is disconnected.	1. Change up & down limit sensor 2. check whether the backrest wire(black) is well connected	enter auto-check model
04	height counting signal error	1. the counting sensor of the rolling motor is broken 2. backrest wire(black) is disconnected	1. change the counting sensor of the rolling motor. 2. check whether the backrest wire(black) is well connected.	enter auto-check model
07	tested the wide signal & the narrow signal at the same time.	1. width inspection board is broken 2. the wire connect to the width inspection board is disconnected 3. kneading motor is broken or kneading belt is lost	1. change width inspection board 2. change backrest wires. (black and gray) 3. change kneading motor	enter auto-check model
08	more than 5 seconds did not tested the wide signal	1. width inspection board is broken 2. the wire connect to the width inspection board is disconnected 3. kneading motor is broken or kneading belt is lost	1. change width inspection board 2. change backrest wires. (black and gray) 3. change kneading motor	enter auto-check model
09	more than 5 seconds did not tested the middle signal	1. width inspection board is broken 2. the wire connect to the width inspection board is disconnected 3. kneading motor is broken or kneading belt is lost	1. change width inspection board 2. change backrest wires. (black and gray) 3. change kneading motor	enter auto-check model
10	more than 5 seconds did not tested the narrow signal	1. width inspection board is broken 2. the wire connect to the width inspection board is disconnected 3. kneading motor is broken or kneading belt is lost	1. change width inspection board 2. change backrest wires. (black and gray) 3. change kneading motor	enter auto-check model
12	when not kneading but the width inspection signal still can be tested	1. Main PCB is broken	1. Change PCB	enter auto-check model
13	tested signals from up & down limit sensor at the same time.	1. up & down limit sensor are broken 2. backrest wire(black) is disconnected.	1. Change up & down limit sensor 2. check whether the backrest wire(black) is well connected	enter auto-check model
14	more than 40s didn't tested the signal from the up limit sensor	1. upper limit sensor is broken. 2. backrest wires( black and gray) are disconnected 3. rolling motor is broken or rolling motor wire disconnected	1. change upper limit sensor 2. check whether the backrest wire(black) is well connected. 3. change rolling motor or rolling motor wire.	enter auto-check model
15	height counting signal error	1. the counting sensor of the rolling motor is broken 2. backrest wire(black) is disconnected	1. change the counting sensor of the rolling motor. 2. check whether the backrest wire(black) is well connected.	enter auto-check model
16	after tested signal from up limit sensor then tested signal from down limit sensor in 2 seconds.	1. down limit sensor is broken	1. change down limit sensor 2. check whether the backrest wire(black) is well connected. 3. change rolling motor	enter auto-check model
17	more than 40s didn't tested the signal from the down limit sensor	1. down limit sensor is broken 2. the backrest wire(black) is disconnected. 3. rolling motor is broken or disconnected	1. change down limit sensor 2. check whether the backrest wire(black) is well connected. 3. change rolling motor	enter auto-check model
18	After tested rear sensor signal, then tested rear sensor signal in 2.5 seconds.	1. the rear limit sensor of foot rest is broken	1. change the rear limit sensor of the footrest.	enter auto-check model
19	didn't test signal from front sensor of the footrest more than 2.5 seconds.	1. the down limit sensor of the foot rest is broken 2. foot rest extending motor is broken or disconnected	1. change down limit sensor of the footrest 2. change the footrest extending motor or check whether the motor wire is well connected.	enter auto-check model
25	when start the backrest recline actuator, there is no counting signal for more than 2.5 seconds	1. backrest recline actuator is broken 2. backrest recline actuator wire is disconnected 3. the signal wire of the backrest recline wire is disconnected	1. change backrest recline actuator 2. check whether backrest recline actuator motor wire is well connected. 3. check whether the signal wire of the backrest recline actuator is well connected	enter auto-check model