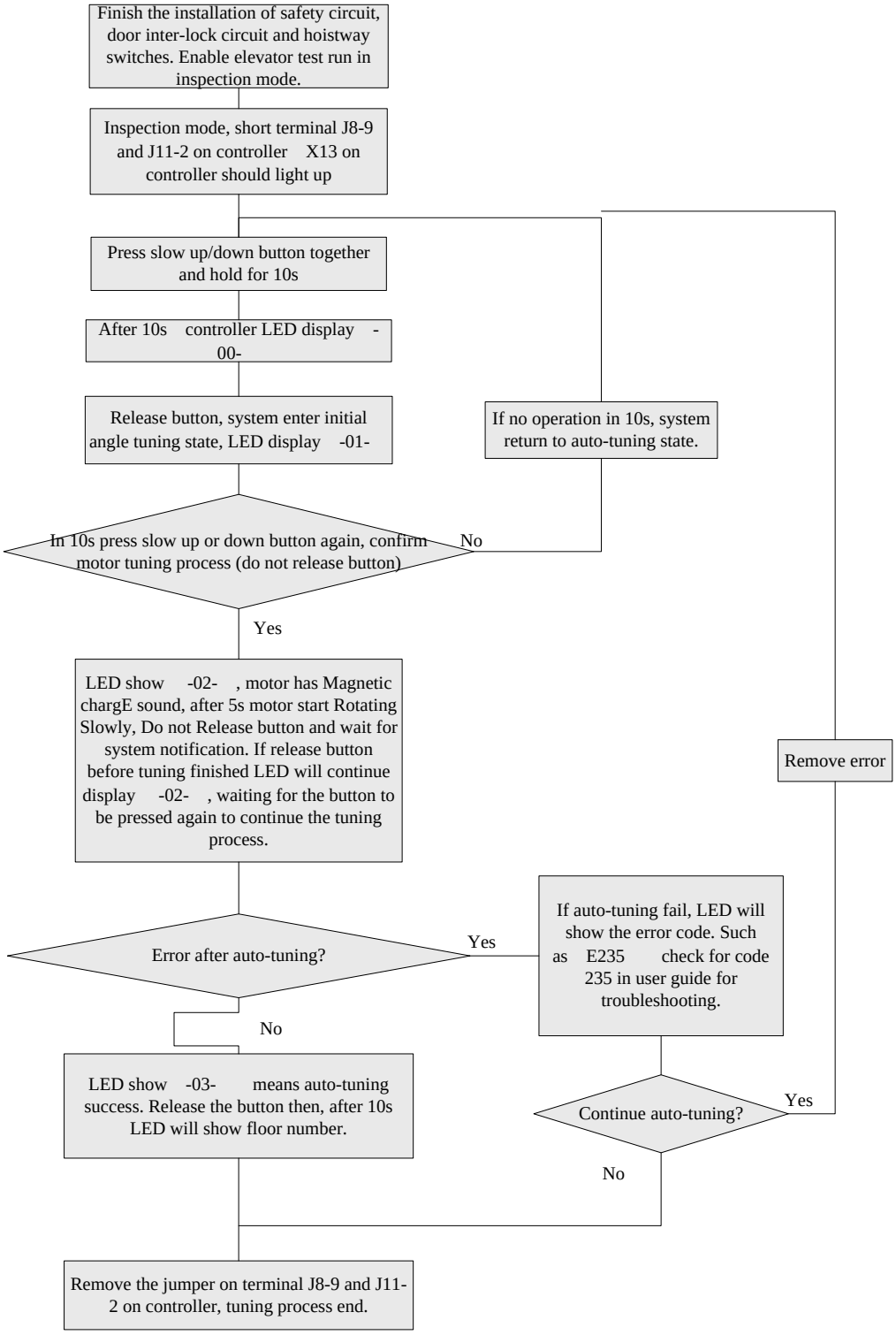
content

1.

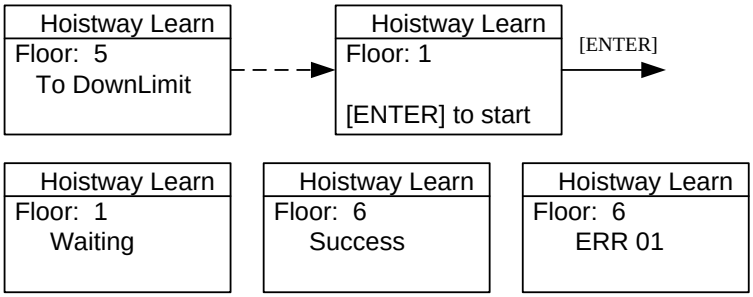
2.
3.


Finish the installation of safety circuit, door inter-lock circuit and hoistway switches. Enable elevator test run in inspection mode.
Inspection mode, short terminal J8-9 and J11-2 on controller X13 on controller should light up
Press slow up/down button together and hold for 10s
After 10s controller LED display -00-
Release button, system enter initial angle tuning state, LED display -01-
If no operation in 10s, system return to auto-tuning state.
In 10s press slow up or down button again, confirm motor tuning process (do not release button)
No
Yes
LED show -02- , motor has Magnetic chargE sound, after 5s motor start Rotating Slowly, Do not Release button and wait for system notification. If release button before tuning finished LED will continue display -02- , waiting for the button to be pressed again to continue the tuning process.
Remove error
Error after auto-tuning?
Yes
If auto-tuning fail, LED will show the error code. Such as E235 check for code 235 in user guide for troubleshooting.
No
LED show -03- means auto-tuning success. Release the button then, after 10s LED will show floor number.
Continue auto-tuning?
Yes
No
Remove the jumper on terminal J8-9 and J11-2 on controller, tuning process end.

F5-07	R_phase	Motor phase resistance set. (Auto-tuning/ manual input)	Auto-tuning /Nameplate			N	6-14
F5-08	Rated FLA	Motor rated current. (Nameplate)	0 99.999		A	N	6-14
F5-09		For asynchronous machine,	0.1~50	0	A	N	6-14

NO-Load C >>/48.52 694.8 3 17.04 re <a/48 nt.BT /TT2 1 Tf 10.56 0 0 10.56ntDC 35MCID 19 >>711.84 0.72 0

F2-01	Brake close first then disable elevator run. This is to improve elevator stop comfort and avoid slip at elevator stop.	0.00~9.99	0.50	s	Y	6-4


Hoistway Learn
Floor: 5
To DownLimit
Hoistway Learn
Floor: 1
[ENTER] to start
[ENTER]
Hoistway Learn
Floor: 1
Waiting
Hoistway Learn
Floor: 6
Success
Hoistway Learn
Floor: 6
ERR 01

5.

6.

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Finish the installation of safety circuit, door interlock circuit and hoistway/ door zone switches/flags. Enable elevator test run in normal speed.

Inspection mode, run elevator to bottom terminal position, short J10-6 and J11-2 on controller, X30 input indicator should light up.

Press slow up/ down button together and hold for 10s.

After 10s controller LED will display -UU-

Hoistway Parameter Self-Learning Fault List

8.1

Make sure the leveling switches and leveling inductor plates are installed in the right position.

8.1.1.2 Leveling inductor plates length on every floor must be same.

8.1.1.3 Leveling inductor plates must be installed vertically.

8.1.1.4 The position of leveling inductor plates should be precise. When elevator is at the leveling position, the center of the plate and center of two inductors should match together (refer to appendix), otherwise elevator leveling will have deflection, which means in up or down running, elevator stops higher or lower than leveling position.

8.1.1.5 If magnetic inductors are adopted, please make sure the inductor plates inserting to the inductor sufficiently, otherwise it will influence the reaction time of inductor, in that way elevator will overruns the leveling position.

8.1.1.6 To ensure precise leveling, system require elevator to crawl for a certain distance before stop.

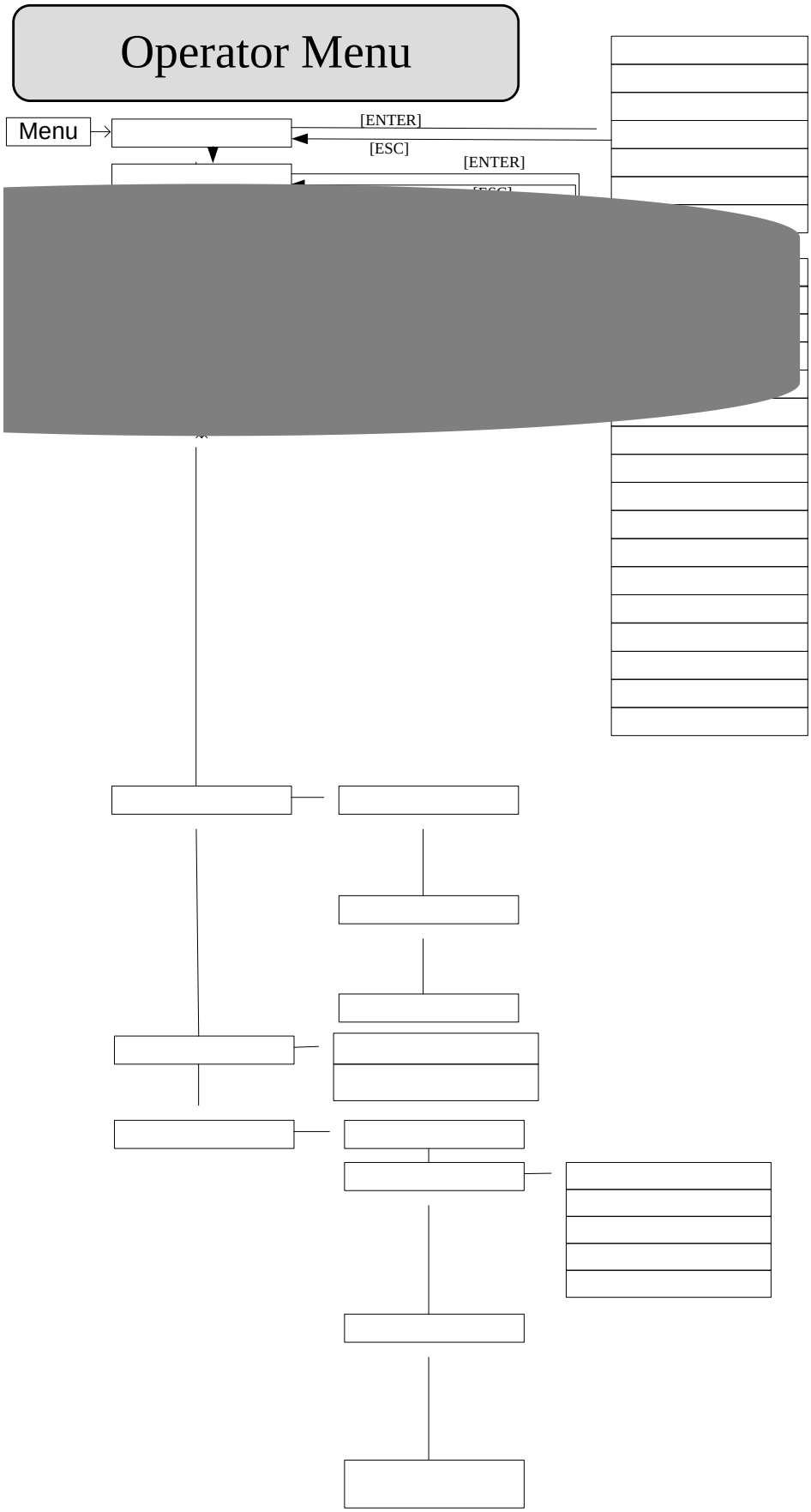
8.1.1.7 In practice, first make adjustment for a middle floor, until leveling is precise. Then, adjust the other floors on the base of these parameters.

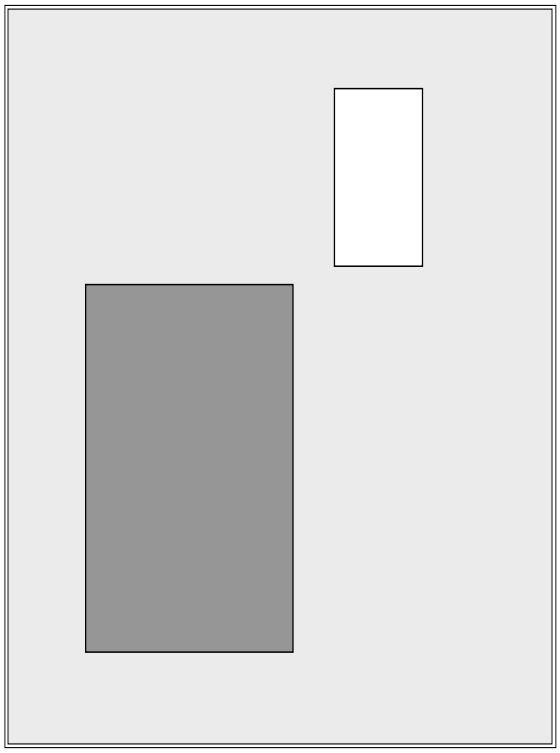
After adjusting curve selection, ratio and integral gain in the above context, please make sure every time elevator runs up or down, when stop at middle floor, its leveling positions are the same(or G H I O H F W L R Q ¶ t e every time). P P

8.2

If elevator still cannot achieve desired leveling condition with adjustment based on instructions in

2. Align PG card and sustain pillar and right socket as the graphic.


Operator Menu
Menu
[ENTER]
[ESC]
[ENTER]



Port No.	Terminal Symbol	Location	Definition	Usage	Interface Tech Spec			
					Interface Type	Rated Capacity	On/off Time	Max Speed
	Y0	J1_1	Brake control output					

J1 Output Relay

	X35+	J4_7	Door inter-lock input + 110V—220VAC	Input				
	X35-	J4_8	Door inter-lock input 110V—220VAC					
J5	I0	J5_1	Door Open delay input	Input	OC			
	I1	J5_2	All collective selective /Single collective selective Car call 1/ Car call 1					
	I2	J5_3	All collective selective /Single collective selective Car call 2/ Car call 2					
	I3	J5_4	All collective selective /Single collective selective Car call 3/ Car call 3					
	I4	J5_5	All collective selective /Single collective selective Car call 4/ Car call 4					
	I5	J5_6	All collective selective /Single collective selective Car call 5/ Car call 5					
	I6	J5_7	All collective selective /Single collective selective Car call 6/ Car call 6					
	I7	J5_8	All collective selective /Single collective selective Car call 7/ Car call 7					
	I8	J5_9	All collective selective /Single collective selective Up call 1/ Car call 8					
	I9	J5_10	All collective selective /Single collective selective Up call 2/ Car call 9					
J6	I10	J6_1	All collective selective /Single collective selective Up call 3/ Call Input 1	Input	OC			
	I11	J6_2	All collective selective /Single collective selective Up call 4/ Call Input 2					
	I12	J6_3	All collective selective /Single collective selective Up call 5/ Call Input 3					

	I13	J6_4	All collective selective /Single collective selective Up call 6/ Call Input 4					
	I14	J6_5	All collective selective /Single collective selective Down call 2/ Call Input 5					
J7	I15	J7_1	All collective selective /Single collective selective Down call 3 Call Input 6	Input	OC			
	I16	J7_2	All collective selective /Single collective selective Down call 4/ Call Input 7					
	I17	J7_3	All collective selective /Single collective selective Down call 5/ Call Input 8					
	I18	J7_4	All collective selective /Single collective selective Down call 6/ Call Input 9					
	I19	J7_5	All collective selective /Single collective selective Down call 7/Call Input 10					

[redacted] Port No.	Terminal Symbol	Location	Definition	[redacted]	Interfac[redacted] Spec [redacted]