

说明书



Ver 1.0



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- ▶ 在使用这机台前，请仔细阅读并使用说明书。
- ▶ 请把此说明书为善收藏，以便随时阅读。

安全注意事项

■ 设置

机台设置，移动或搬运时请先阅读本说明书

放置机台需固定好4个点，并确认机台平衡及有无晃动。如固定不稳有可能导致机台受损

移动或开启门时不可用力过大，有可能导致人员受到伤害或造成机台受损

此机台为室内游艺机，禁止设置在室外

不可设置在紧急出口处

禁止设置在以下场所，有可能会造成事故或故障

- 漏雨及潮湿场所
- 直射光线的场所
- 空调或暖风等易发热的场所
- 油站等易燃建筑物附近

机台顶部或周边禁放化学药品或装水容器

禁放通风口附近

插头不可用力到变形或机台上不可放过重物品

禁止用湿手作业

不可抓住线材拔出插头

电源必须按照所示电压范围

延长线必须按照所示比率，不可超出

AC电源插座须用国标

只用1个电源插座

电源插座不能放在人流走动区域

务必在接地状态下运营

每个机台间隔距离为100MM

若无特殊理由不可调节拨码（DIP）开关

■ 运营

运营中发现冒烟，异味或异响务必要关闭电源并拔出电源线

非正常状态下运营机台会导致火灾或事故

AC电源线需插紧，清扫尘污

容易漏电引起火灾

只限在商业区域运营

如在住宅区运营会对电视，收音机，电话等造成干扰

不可用湿手插电源线或拔电源线

如AC电源线头或插座损坏请及时关闭电源并更换

■ 检查及清扫

检查机台或清扫时先关闭电源并拔出电源线

更换配件时务必用相同参数的配件

机台内部分区域有高压电流。除专业人士之外不可打开后门并维修机台

如打开后门必须关闭电源并拔出电源线后开始作业。

如不关闭电源或不拔出电源线有可能发生触电事故

清洁机台时用中性洗剂通过柔软布料擦拭

- 禁止使用油性或酒精等溶剂

- 机台内不可浸入水份，会造成触电事故或机台故障

■ 移动及运输

机台内有容易被震动和冲击造成损坏的易损配件
故在移动或运输时须注意

禁止翻转机台

移动前关闭电源及拔出电源线

移动前将底部4点固定脚架松开并脱离地面

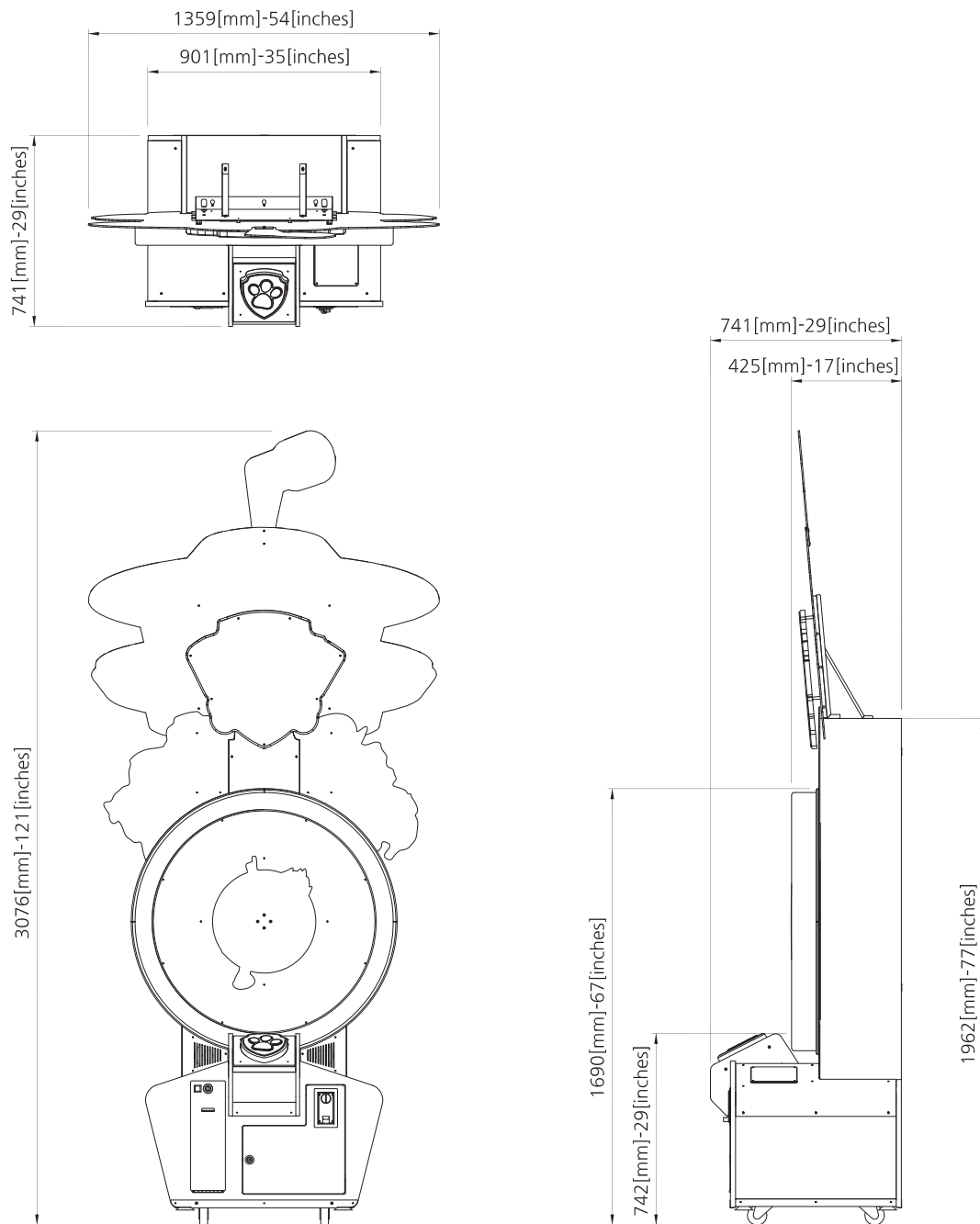
移动中切不可冲击机台

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1. 产品规格和标签位置

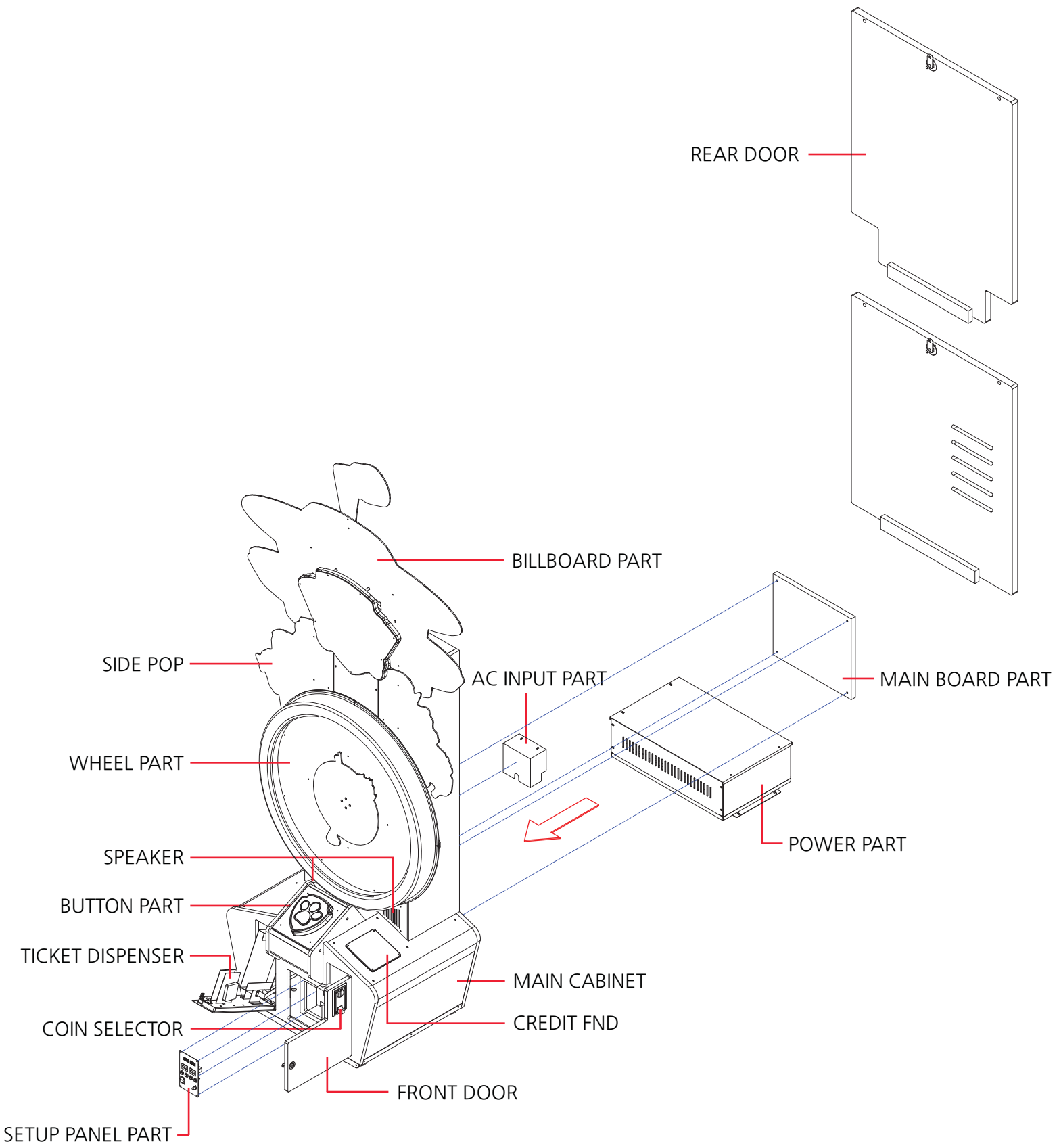
1-1. 尺寸



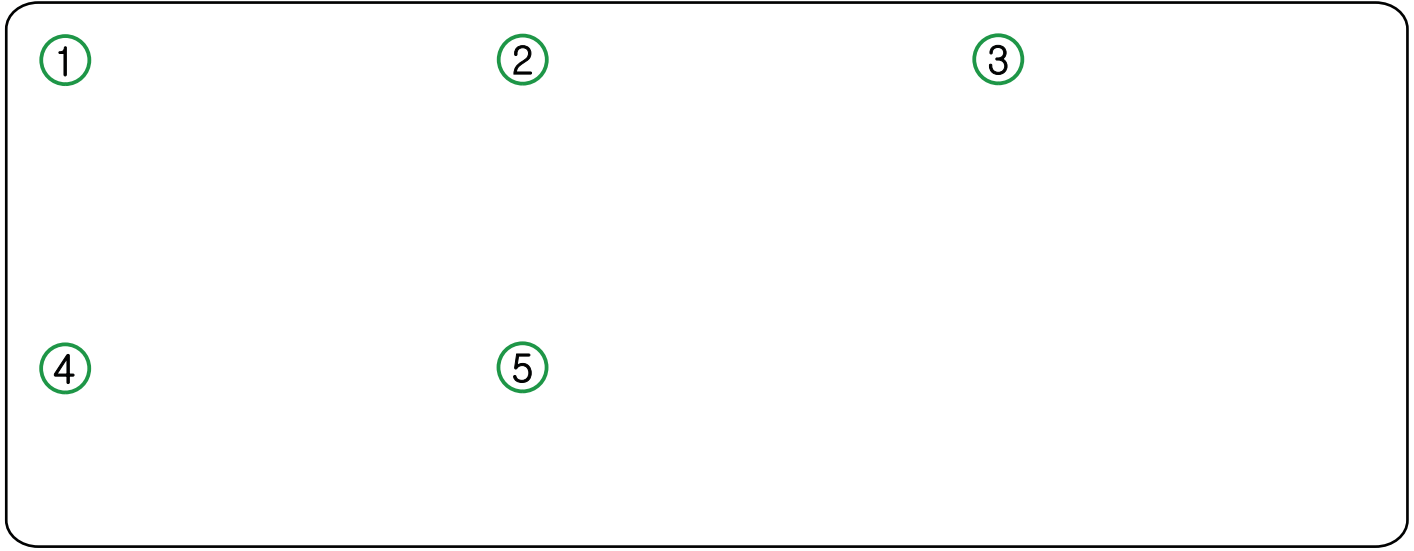
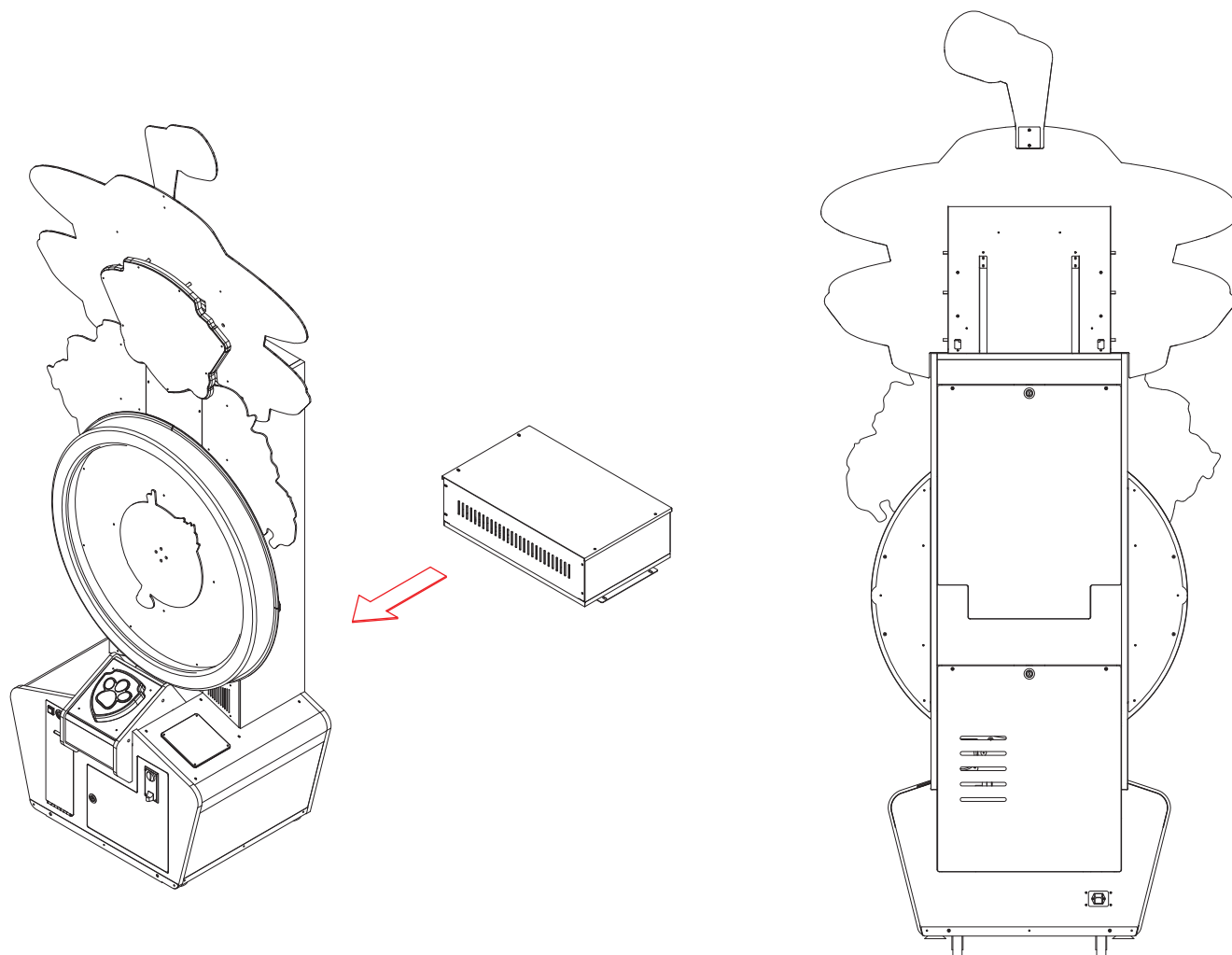
1-2. 参数

尺寸 (W x D x H)	1359 x 741 x 3076 (mm)
包装尺寸 (W x D x H)	1150 x 840 x 2200 (mm)
重量 (kg)	145kg [包括包装重量 : 180kg]
电压	AC 220V
频率范围	50Hz
耗电量	210 W
CERTIFICATION	-

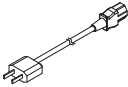









1-3. 各部名称



1-4. 贴纸位置



1-5. 零件

NO.	PART NAME	SPEC.	QTY
1	AC POWER CORD	- 	1
2	KEY	6001, 7001 	EACH 2
3	BOLT	M4x10L 	6
4	BOLT	M4x12L 	6
5	BOLT	M4x16L 	4
6	BOLT	M4x20L 	10
7	BOLT	M4x30L 	6
8	BOLT	M6x30L 	7
9	WRENCH	2.5mm, 3mm, 4mm 	EACH 1
10	MANUAL	- 	1

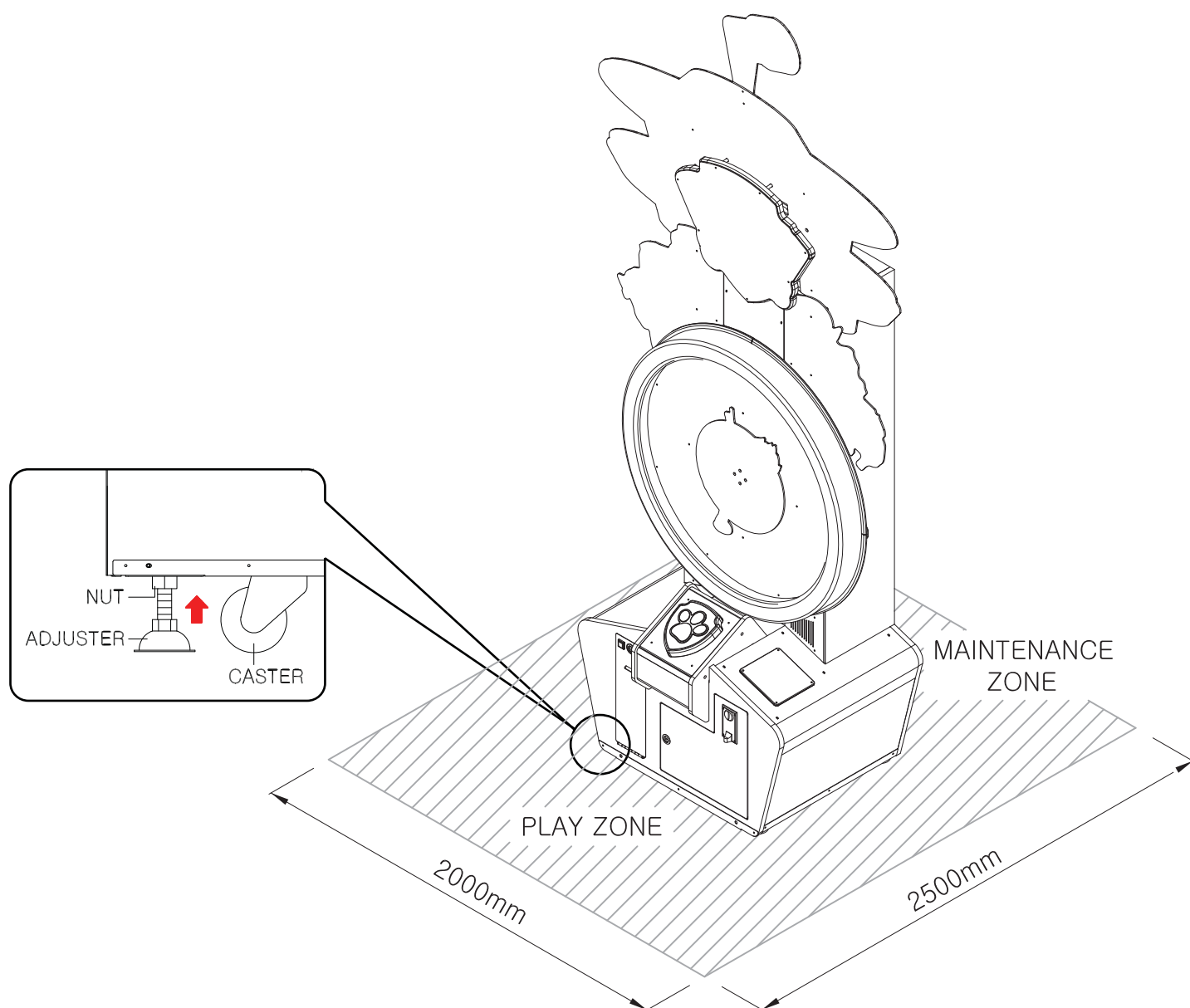
2. 安装

2-1. 安装空间

- 安装前请腾出安装空间位置

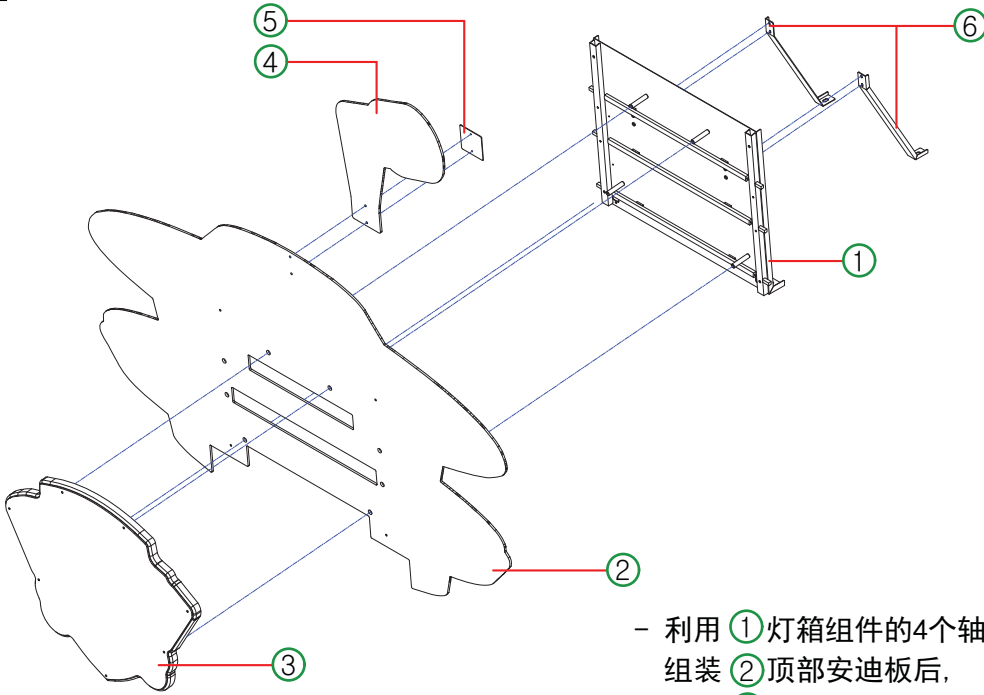


- 请找个平坦的地方安装机台，安装机台后请固定平衡螺母，防止机台移动。



2-2. 安装说明

1

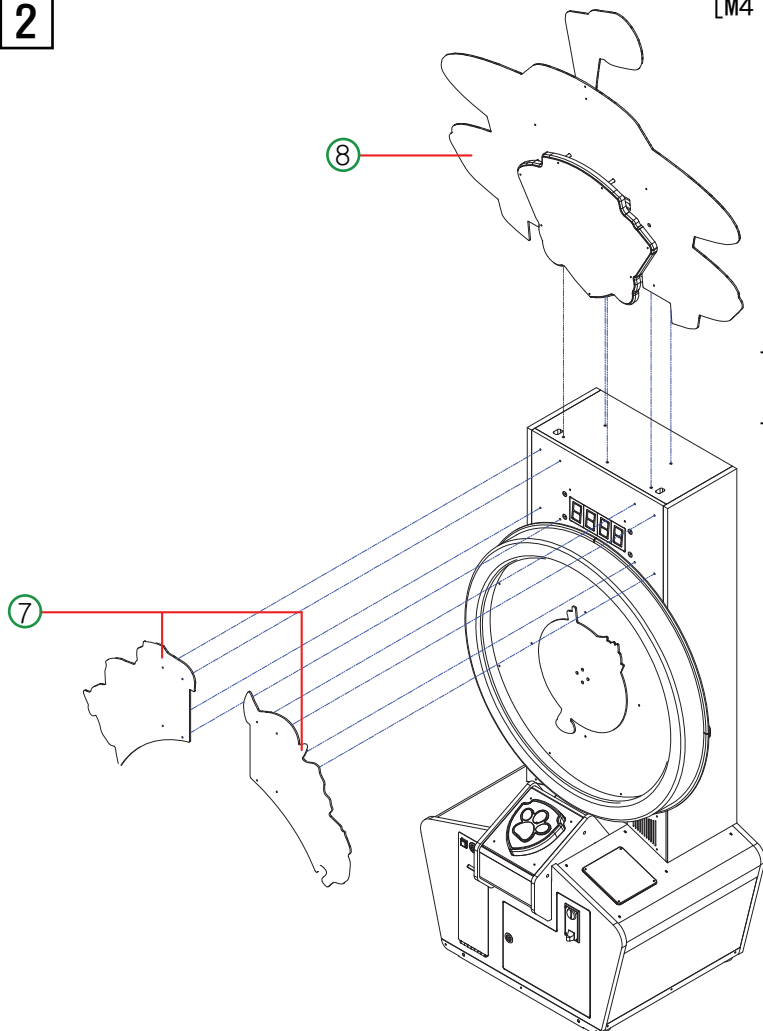


- 利用 ①灯箱组件的4个轴
组装 ②顶部安迪板后,
再将 ③灯箱PAW亚克力组件固定在轴上 [M4 螺丝 4个]

然后将 ④PERISCOPE POP FORMAX +
⑤POP BKT进行组装. [M4 螺丝 2个]

- 将 ⑥BILLBOARD REAR SUPPORT BKT 2个组装并完成灯箱组件.
[M4 螺丝 4个]

2



- ⑦左右顶部安迪板请如图进行固定. [M4 螺丝 8个]

- 最后将 ⑧灯箱组件放置在框体上端后进完成组装.
[M6 螺丝 5个]

3. 产品特征



TV s hilarious
action-adventure
sensation!



Classic Game Play !



Popular Kids Theme !



Family-Friendly !



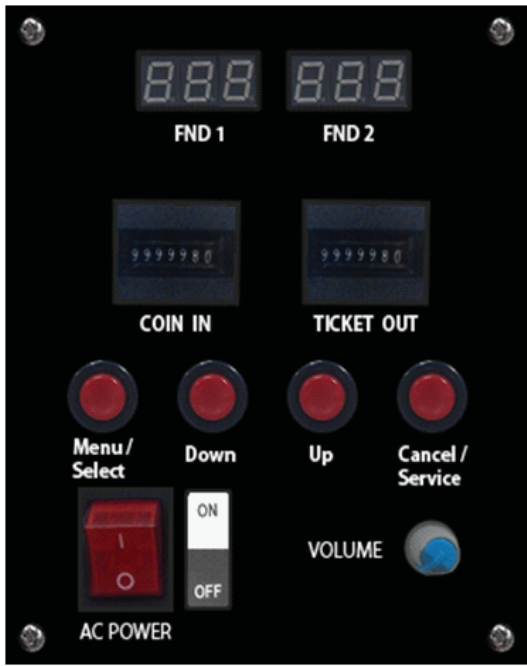
LOOKOUT TOWER Cabinet Design

4. 设置说明书

4-1. 机台设置

1. SETUP BUTTON 说明

- 1] There is "Control panel" inside cabinet. User may set any setting using following.



[CONTROL PANEL]

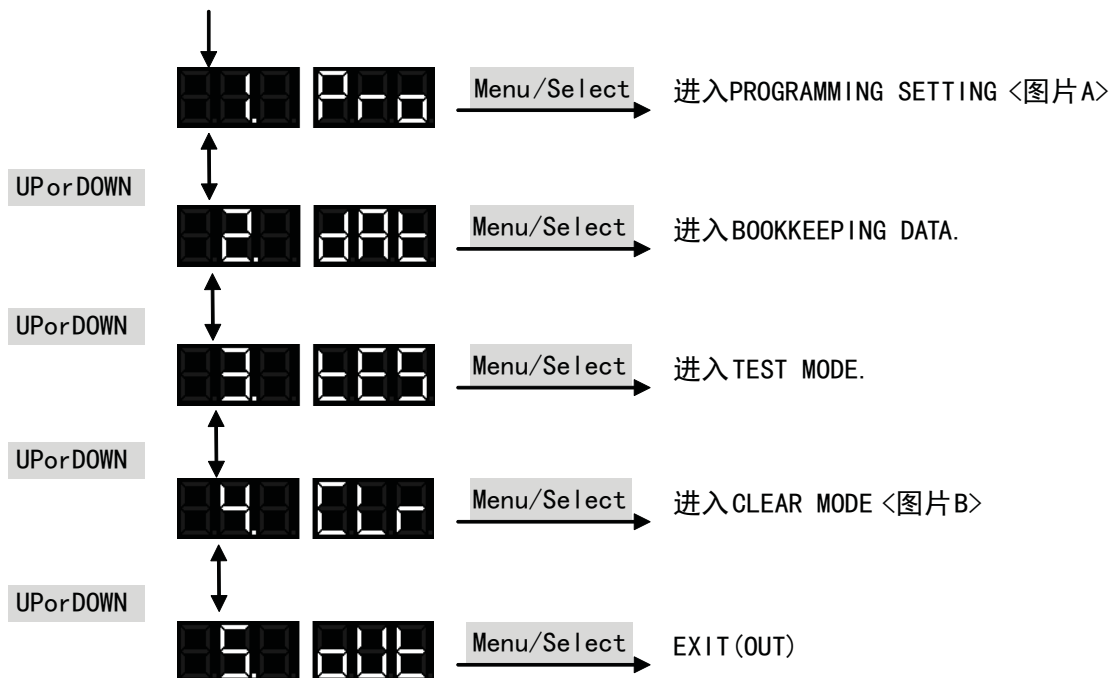
- 1) Menu/Select : 进入设置菜单及选择键
- 2) Down : 移动菜单及减少设置值
- 3) Up : 移动菜单及增加设定值键
- 4) Cancel/Service : 取消及服务键

* 平时 SETUP FND 显示内容

: 版本信息. (ver _ . _)

* 菜单进入路径说明.

按Menu/Select键 进入设置菜单.
(在BONUS FND显示"SET")



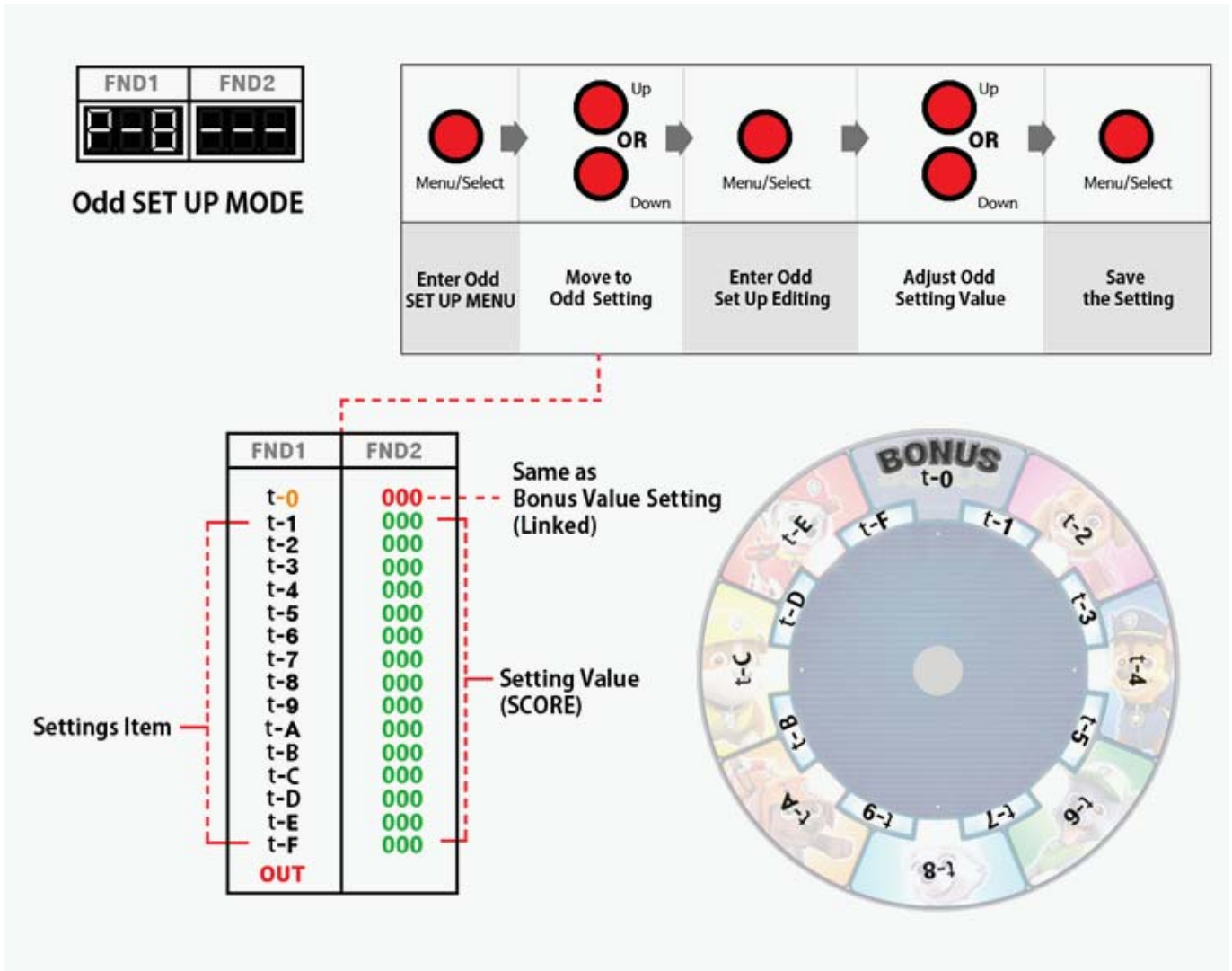
4-2. 设置模式

- a. 按 Down, Up 键移动到需要变更的选项
- b. 按 Menu/Select 键进入可设置状态, 八字板会闪烁
- c. 按 Down, Up 键完设置后再按 Menu/Select 键确定

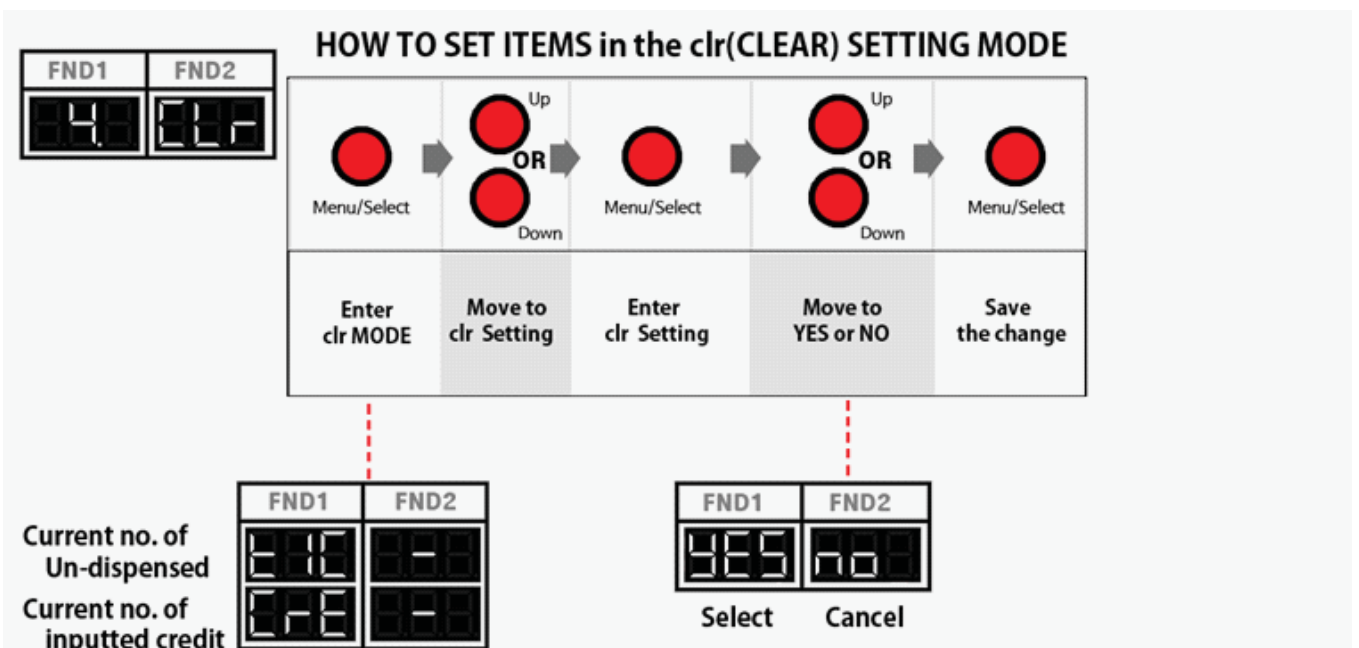
SETUP FND显示		说明	设置范围	DEFAULT
FND1	FND2			
P - 1	001	COINS PER CREDIT 设置每局投币数	FREE, 1 ~ 10 (1单位增加)	1
P - 2	001	PLAY PER CREDIT 设置每局游戏次数	1 ~ 3 (1单位增加)	1
P - 3	030	PLAY TIME 游戏时间 (单位: 秒) 0 : 不使用PLAY TIME (没有时间限制)	0, 10 ~ 180 (1单位增加)	30
P - 4	003	PAYOUT TICKETS 设置每局出票数量	1 ~ 99 (1单位增加)	调整拨码开关
P - 5	100	BONUS START VALUE 奖励初始值设置 (根据拨码开关设置有不同变化)	50 ~ 1000 (10单位增加)	调整拨码开关
P - 6	500	BONUS LIMIT VALUE 奖励最大值设置	50 ~ 2000 (10单位增加)	2000
P - 7	000	BONUS INCREMENT 设置每局增加的奖励值	0 ~ 50 (1单位增加)	0
P - 8	---	odds SETTING 设置圆盘分数=> <图片 A>		
P - 9	001	TICKET/SCORE (设置分数和彩票比率) NONE : 不退出彩票 1/1 : 分数和彩票1:1 比率 1/2 : 分数和彩票2:1 比率 =>半票设置	0: NONE 1: 1/1 2: 1/2	1

P - A	100	ATTRACT VOLUME (演示音音量调节) 0 : 不使用 10~100 : 可调节范围	1 ~ 100 (10单位增加)	100
P - B	004	调整原点(Calibration) - 指针方向为基准 靠近0时少旋转, 越靠近8时按指针方向多旋转	0 ~ 8	4
Save	E	保存设置后退出 选择FND 显示的 [YES] [NO] 进行变更 [NO] - 取消 [YES] - SAVE & EXIT (按 Down, Up 键移动, 按 Menu/Select 键确定)		
OUT	OUT	EXIT 退出		

< 图片 A >



< 图片 B >







4-3. 测试模式

(SCORE FND 显示的菜单选项)

SCORE FND显示 (MENU 选项)	SETUP FND 显示		说明	备注
	FND1	FND2		
b1	000	003	TOTAL COINS 总投币数	
b2	000	075	TOTAL OUT 总出票数	
b3	000	010	TOTAL SERVICES 总免费游戏次数	
b4	000	050	TOTAL BONUS SUCESS 总中奖次数	
b5	000	000	TOTAL BONUS TICKETS 彩票奖励出票总数	
b6	000	000	PAYOUT RATE 对比营收出票比率	
b7	000	000	平均每局出票数	
OUT	OUT	OUT	退出	

* 在该菜单中按Cancel/Service 键 1秒以上会数据清零

PAYOUT TABLE			
A	B	C	D
BONUS	BONUS	BONUS	BONUS
2	12	4	36
4	20	14	60
2	6	2	18
6	28	18	84
2	12	4	36
4	30	20	90
2	6	2	18
10	40	28	120
2	8	3	24
4	30	20	90
2	6	2	18
6	28	18	84
2	8	3	24
6	20	14	60
2	6	2	18

			
-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------

4-4. 故障代码

(在BONUS FND中显示“TEST”，在SETUP FND显示菜单选项)

SETUP FND 显示		说明	执行动作 Menu/Select 键	备注																																							
FND1	FND2																																										
t - 1	000	INPUT TEST -各输入状况显示在SCORE FND	在菜单状态下显示																																								
<p>FND2 ←</p> <p>segment</p> 		<table border="1"> <thead> <tr> <th rowspan="2">SEGMENT</th> <th colspan="3">SETUP FND2</th> </tr> <tr> <th>FND2 -1</th> <th>FND2 -2</th> <th>FND2 -3</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>Menu/Select Button</td> <td>DIP SW1</td> <td>Ticket Sensor</td> </tr> <tr> <td>b</td> <td>Down Button</td> <td>DIP SW2</td> <td>Ticket Button</td> </tr> <tr> <td>c</td> <td>Up Button</td> <td>DIP SW3</td> <td>--</td> </tr> <tr> <td>d</td> <td>Cancel/Service Button</td> <td>DIP SW4</td> <td>--</td> </tr> <tr> <td>e</td> <td>Encoder Sensor A</td> <td>DIP SW5</td> <td>--</td> </tr> <tr> <td>f</td> <td>Encoder Sensor B</td> <td>DIP SW6</td> <td>--</td> </tr> <tr> <td>g</td> <td>--</td> <td>DIP SW7</td> <td>Coin Sensor</td> </tr> <tr> <td>h</td> <td>Game Button</td> <td>DIP SW8</td> <td>Encoder zero point sensor</td> </tr> </tbody> </table>	SEGMENT	SETUP FND2			FND2 -1	FND2 -2	FND2 -3	a	Menu/Select Button	DIP SW1	Ticket Sensor	b	Down Button	DIP SW2	Ticket Button	c	Up Button	DIP SW3	--	d	Cancel/Service Button	DIP SW4	--	e	Encoder Sensor A	DIP SW5	--	f	Encoder Sensor B	DIP SW6	--	g	--	DIP SW7	Coin Sensor	h	Game Button	DIP SW8	Encoder zero point sensor		
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c	Up Button	DIP SW3	--																																								
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f	Encoder Sensor B	DIP SW6	--																																								
g	--	DIP SW7	Coin Sensor																																								
h	Game Button	DIP SW8	Encoder zero point sensor																																								
* 检测到输入信号时相应区域会有反应.																																											
t - 2	OFF	LED 及 FND TEST LED 反复闪烁 / FND 0~9 顺序显示	ON / OFF																																								
t - 3	OFF	WHEEL MOTOR TEST 确认马达动作和编码器光眼. 正常状态下人物(指针)会顺时针方向旋转.	ON / OFF																																								
t - 4	OFF	TICKET DISPENSER TEST 执行时会出3张彩票后停止	ON / OFF																																								
t - 5	OFF	COIN COUNTER TEST 切断投币器电源- 执行时投币器电源OFF	ON / OFF																																								
t - 6	OFF	TICKET COUNTER TEST 执行时跳一次后停止	ON / OFF																																								

t - 7	OFF	COIN COUNTER TEST 执行时跳一次后停止	ON / OFF	
t - 8	OFF	SOUND TEST 执行时会播放, 按 Down, Up 键会按顺序播放. 按 Menu/Select 键 停止	ON / OFF	
OUT	OUT	退出		

4-5. 账目数据清零

按Menu/Select 键 + POWER ON 时 SETUP FND和 TICKET FND显示 "CLR"
BOOKKEEPING DATA会全部初始化.
这时, 会保持PROGRAMMING 设定值.

4-6. 恢复出厂设置

Menu/Select 键 + Down 键 + POWER ON 时 SETUP FND和 TICKET FND显示 "init"
初始化BOOKKEEPING DATA 并将 PROGRAMMING 设定值恢复默认值.

4-7. 设置出票的拨码开关设置

⇒ 根据设置拨码开关奖励值和平均出票如下

LOCATION		DIP1	DIP2	DIP3	BONUS	AVERAGE PAYOUT TICKETS
A	1	OFF	OFF	OFF	100	3
	2	ON	OFF	OFF	250	16
B	3	OFF	ON	OFF	500	24
	4	ON	ON	OFF	1000	32
	5	OFF	OFF	ON	1000	20
C	6	ON	OFF	ON	1000	8
D	7	OFF	ON	ON	1000	60
	8	ON	ON	ON	1000	70

4-8. 故障代码

ERROR CODE (BONUS FND)	ERROR 种类	内容	确认事项
Er - 1	SYSTEM	设定值保存异常, 游戏数据保存异常	开关电源或恢复出厂设置 如持续出现问题则更换主板
Er - 2	COIN	持续收到投币信号	确认投币器 确认投币器光眼输入
Er - 3	WHEEL MOTOR	确认投币器光眼输入	1. 确认马达动作状态
Er - 4		分点感应器无信号	2. 确认感应器输入状态
Er - 5	ENCODER	收到逆向旋转信号	1. 确认编码器布线
HELP (SCORE FND)	TICKET	无彩票 => 无法出票 剩余彩票和HELP文字交替闪烁	1. 确认彩票 2. 确认彩票马达动作 3. 确认彩票出票光眼

* Error Clear ==> Cancel/Service 键

* TROUBLE SHOOTING (报警时解决方法)

* Er-1 (主板备用内存问题)

- 1) 重启主板电源. (MAIN POWER Off -> On)
- 2) 如持续出现问题进行恢复出厂设置.
- 3) 如上述方法无法解决, 请更换主板.

* Er-2 (COIN ERROR)

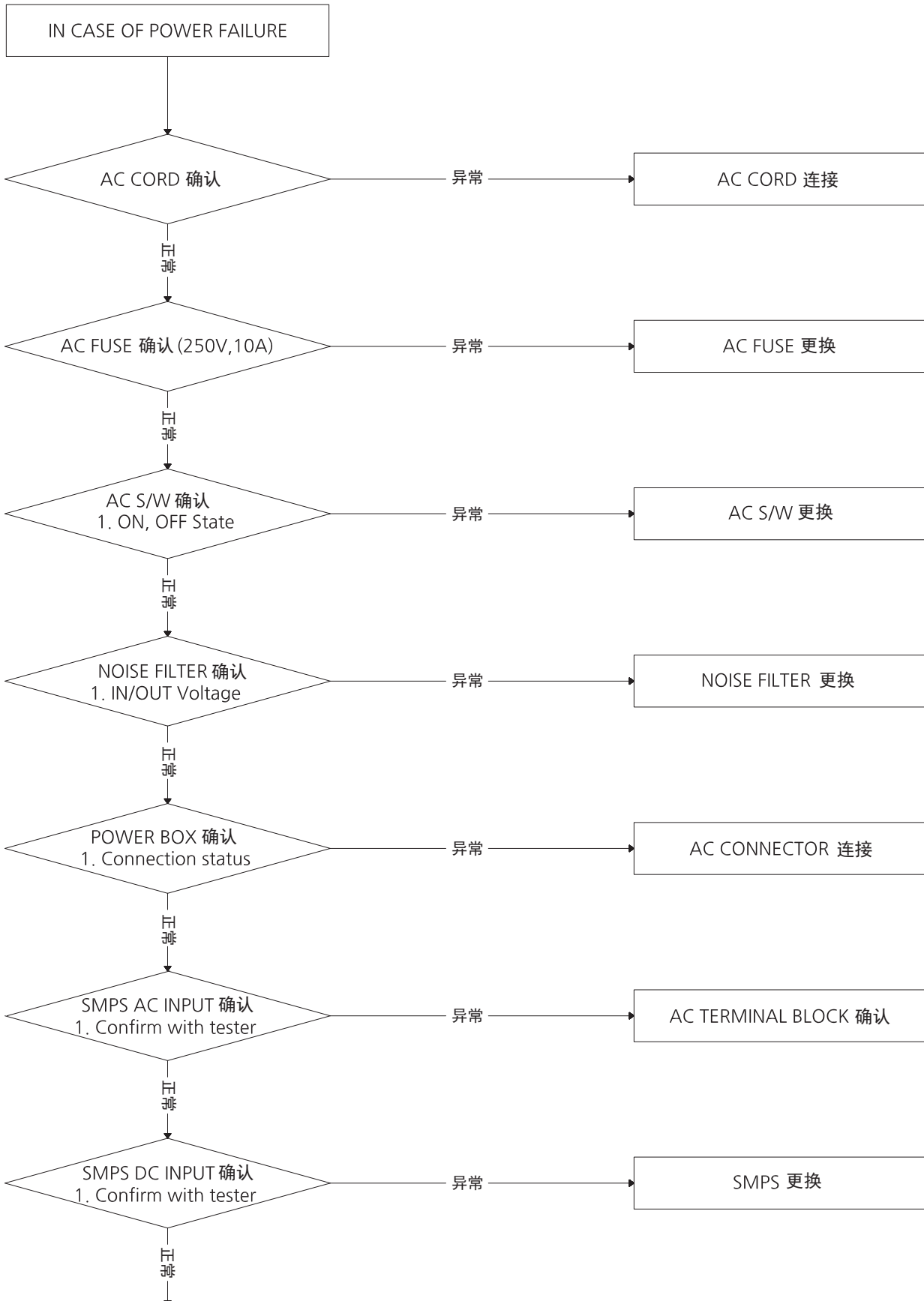
- 1) 如上述方法无法解决, 请更换主板.
- 2) 进入TEST MODE选择并执行T-5确认状态.
- 3) 如上述方法无法解决, 请更换主板.

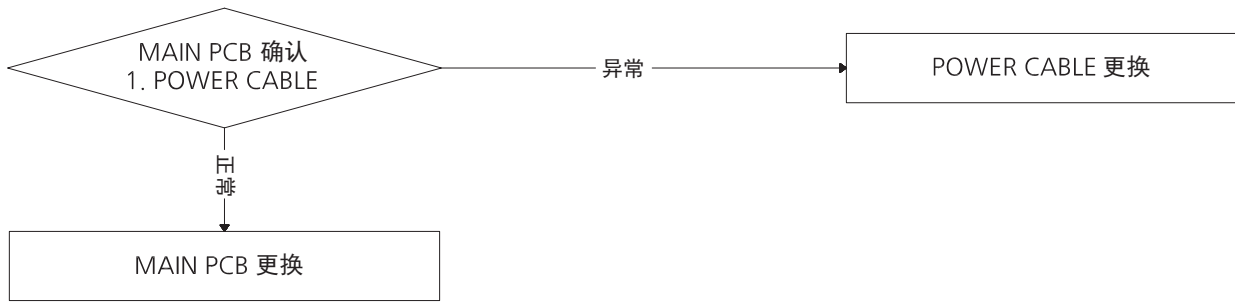
* Er-3, Er-4 (MAIN WHEEL)

- 1) 如上述方法无法解决, 请更换主板.
- 2) 如上述方法无法解决, 请更换主板.
- 3) 如马达正常动作, 但无法收到感应器信号时, 请更换感应器.
- 4) 如上述方法无法解决, 请更换主板.

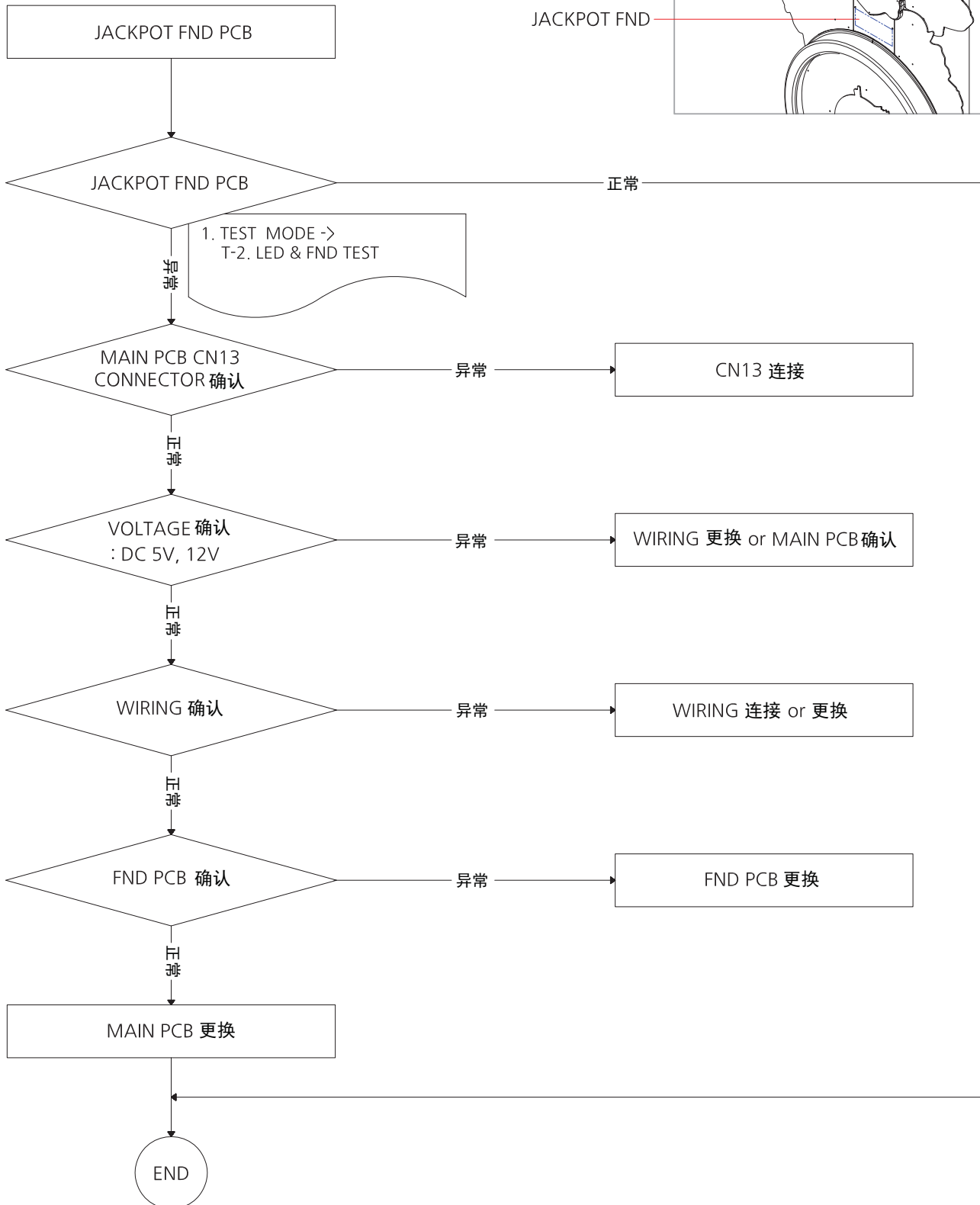
5. 故障排除

5-1. 无法供电

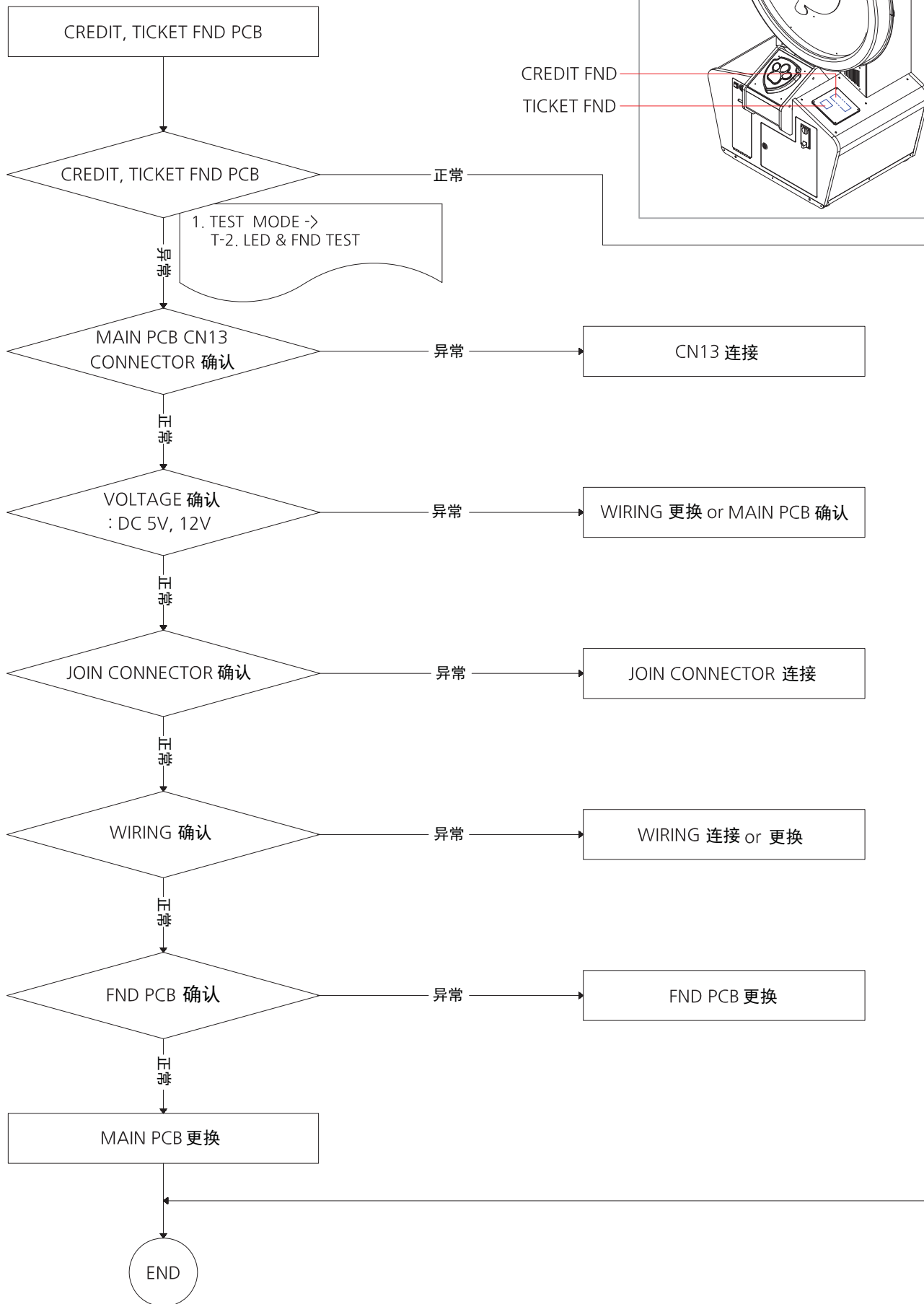




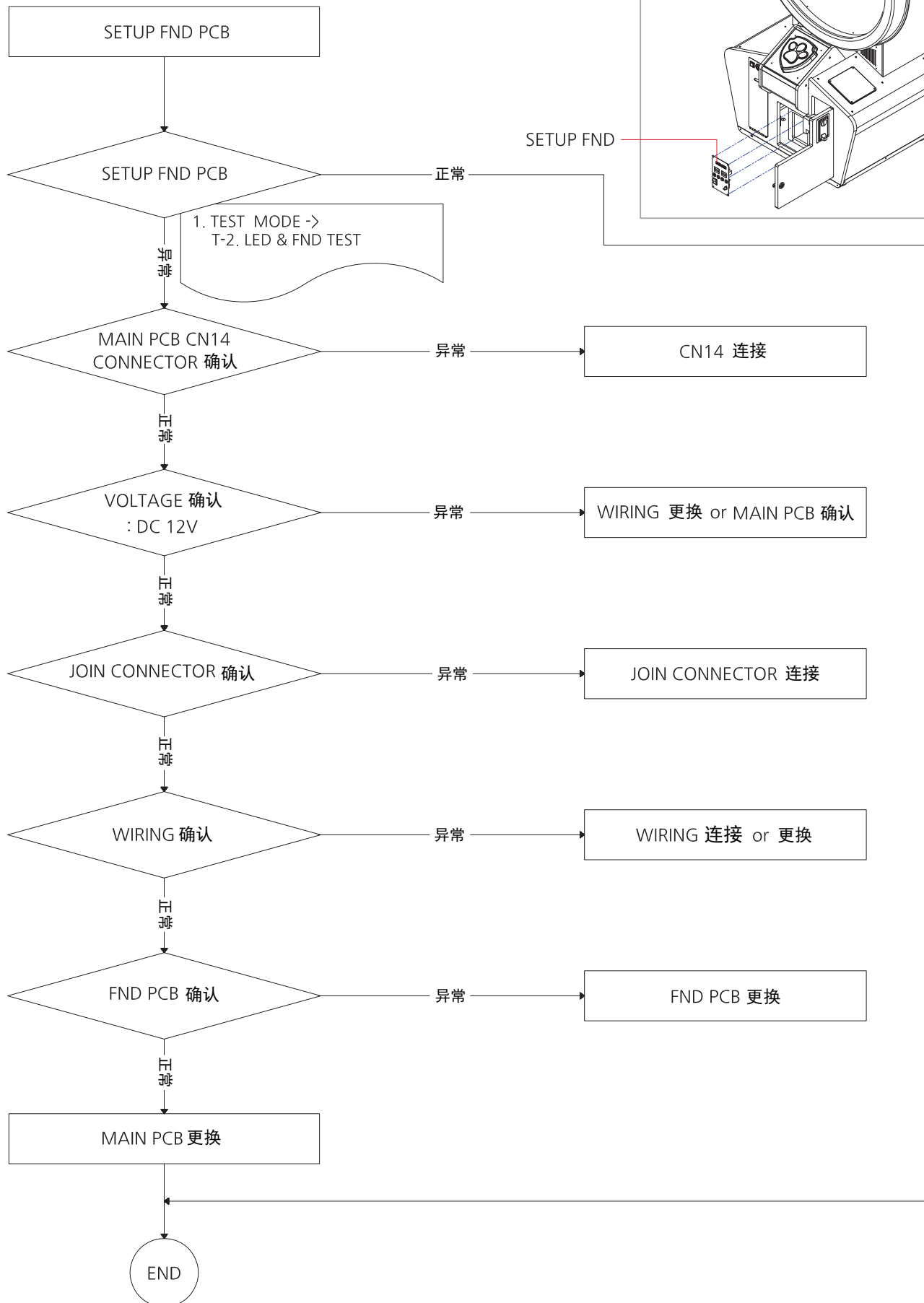
5-2. 大奖八字板报错



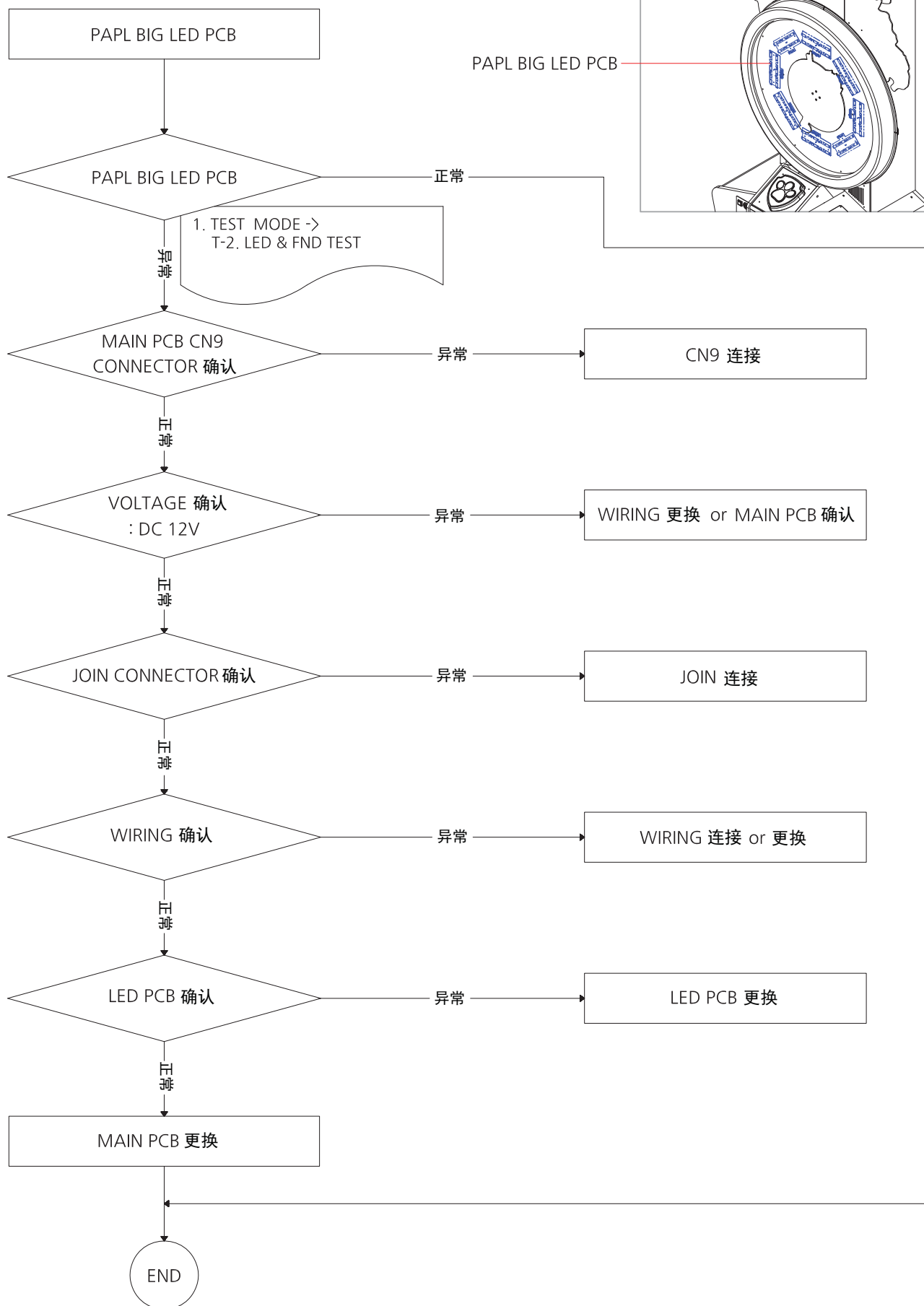
5-3. 局数, 彩票八字板报错



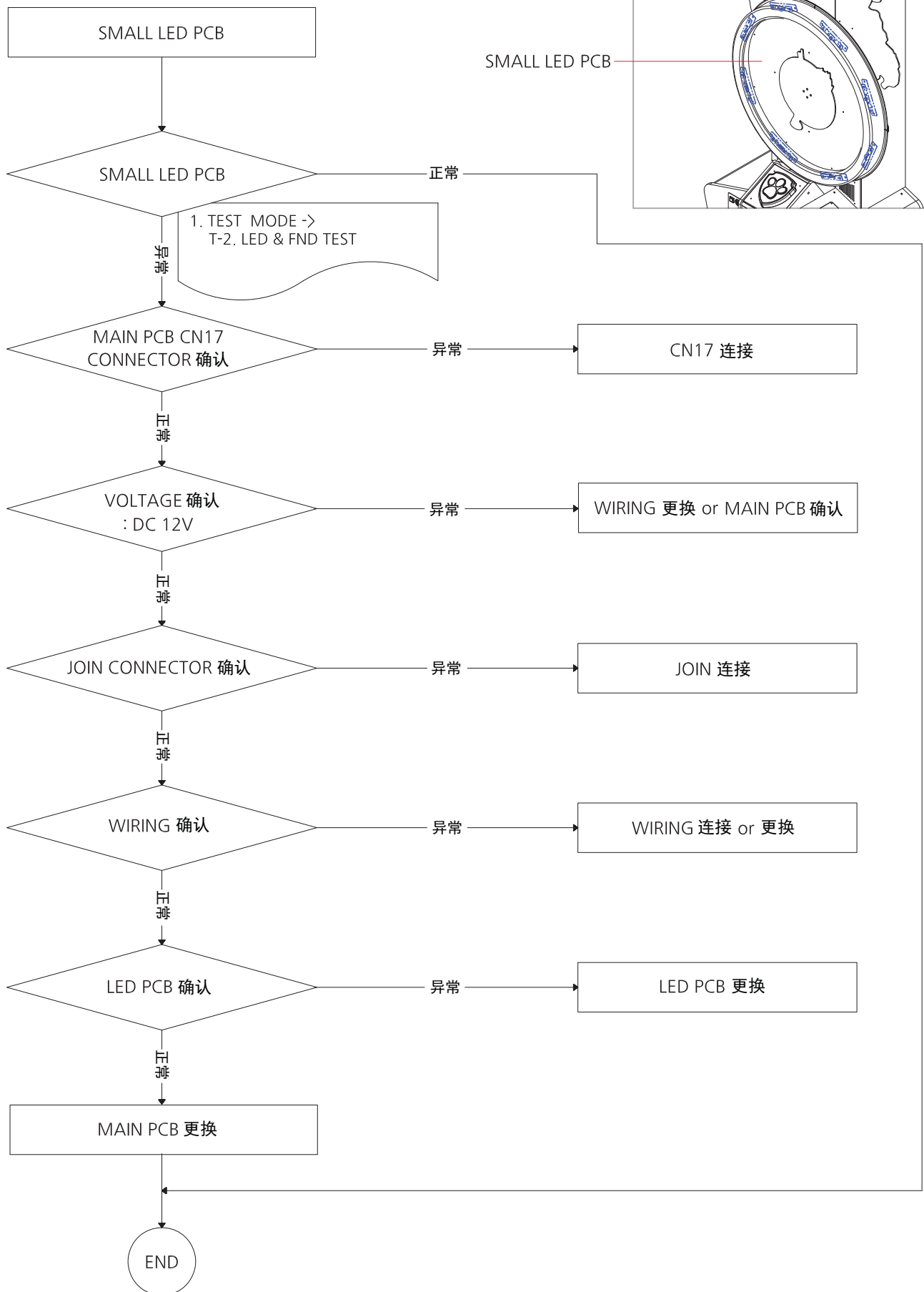
5-4. 调机八字板报错



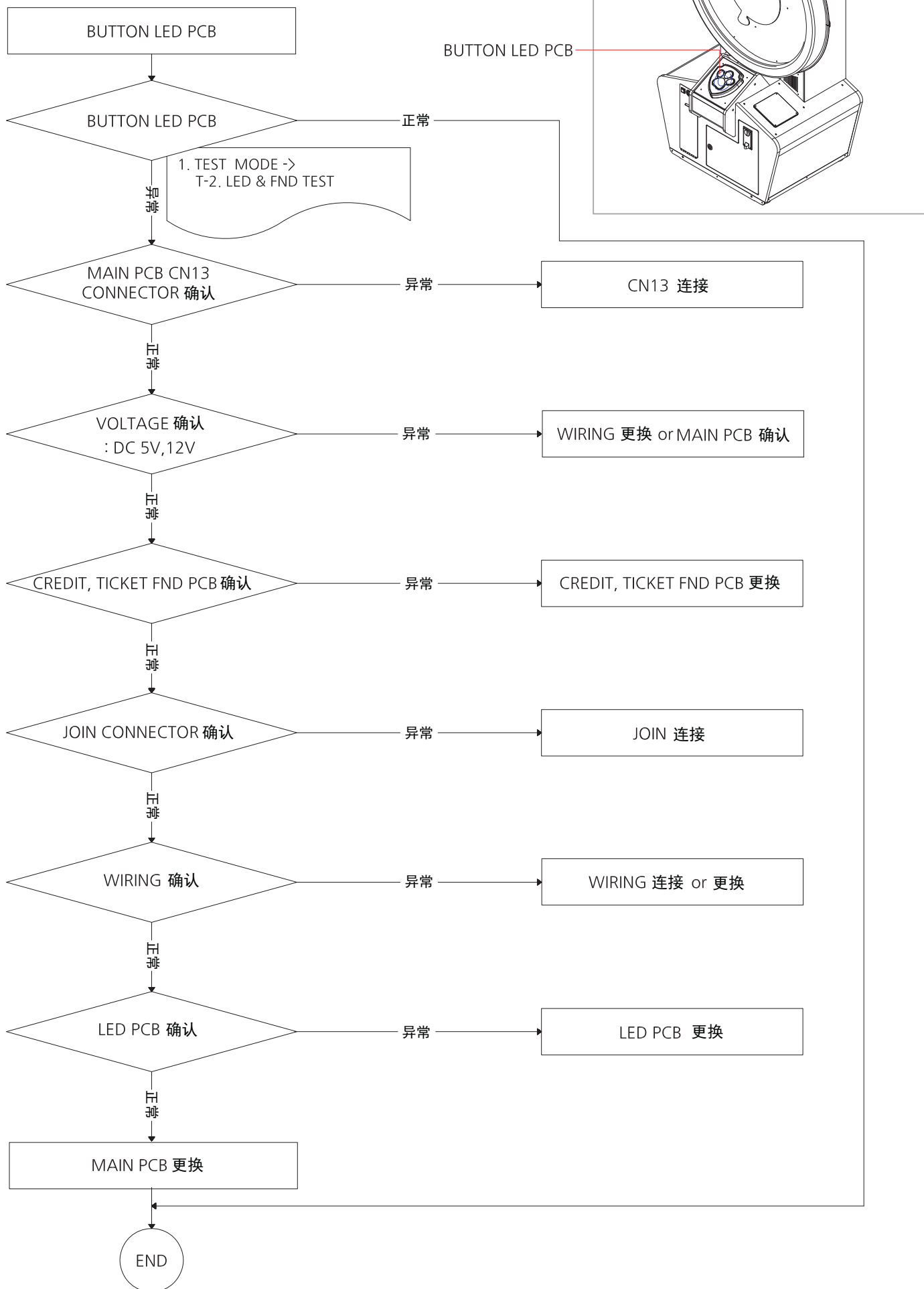
5-5. 灯珠灯板报错



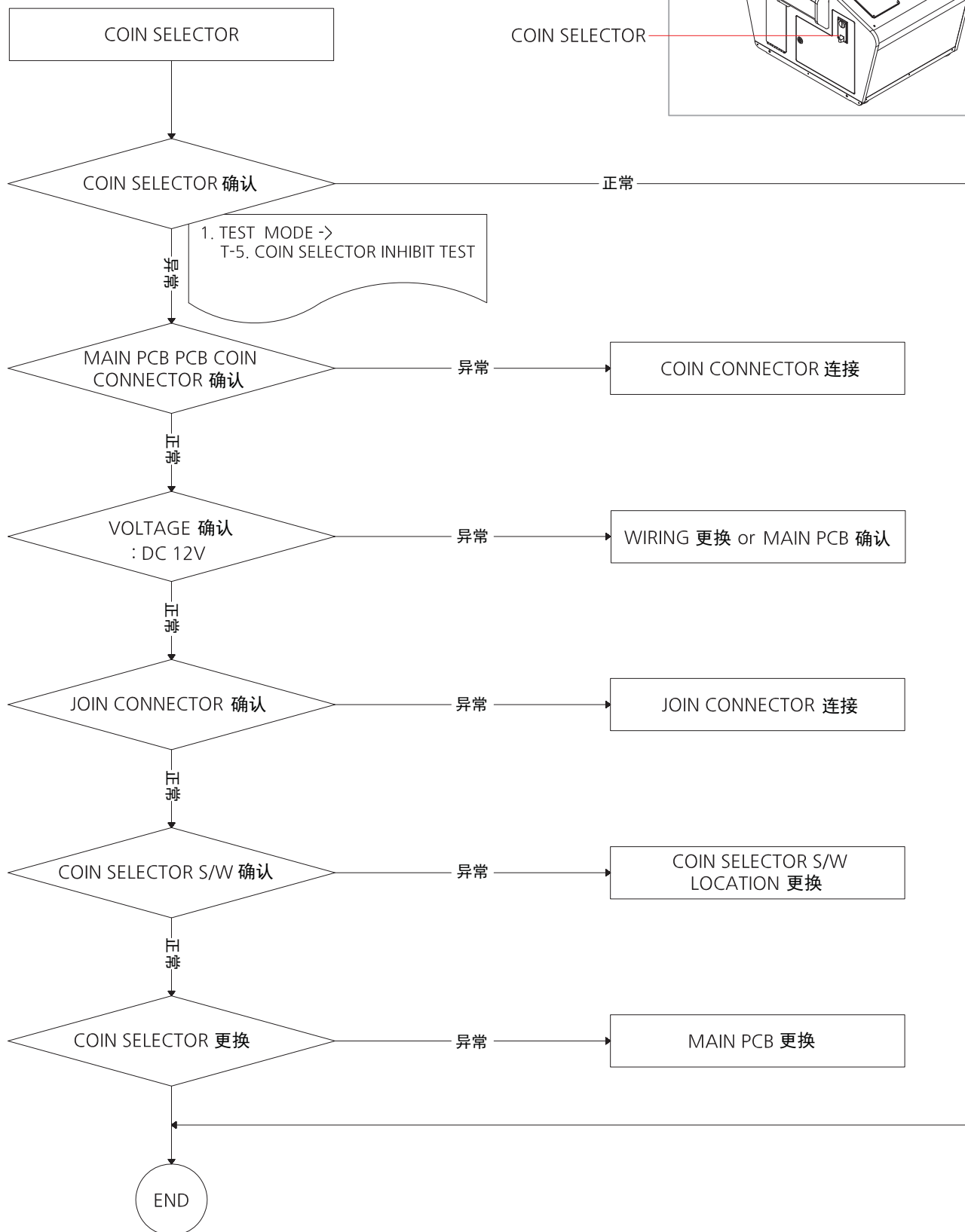
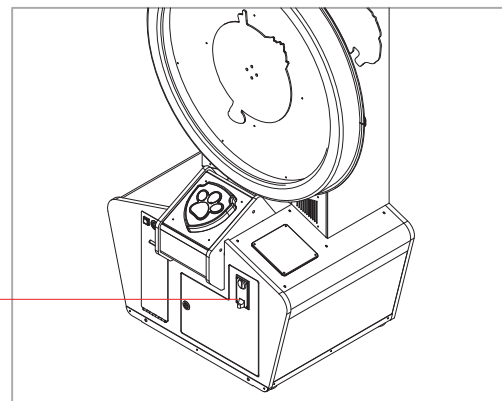
5-6. 弧形灯板报错 (NO. 1~8)



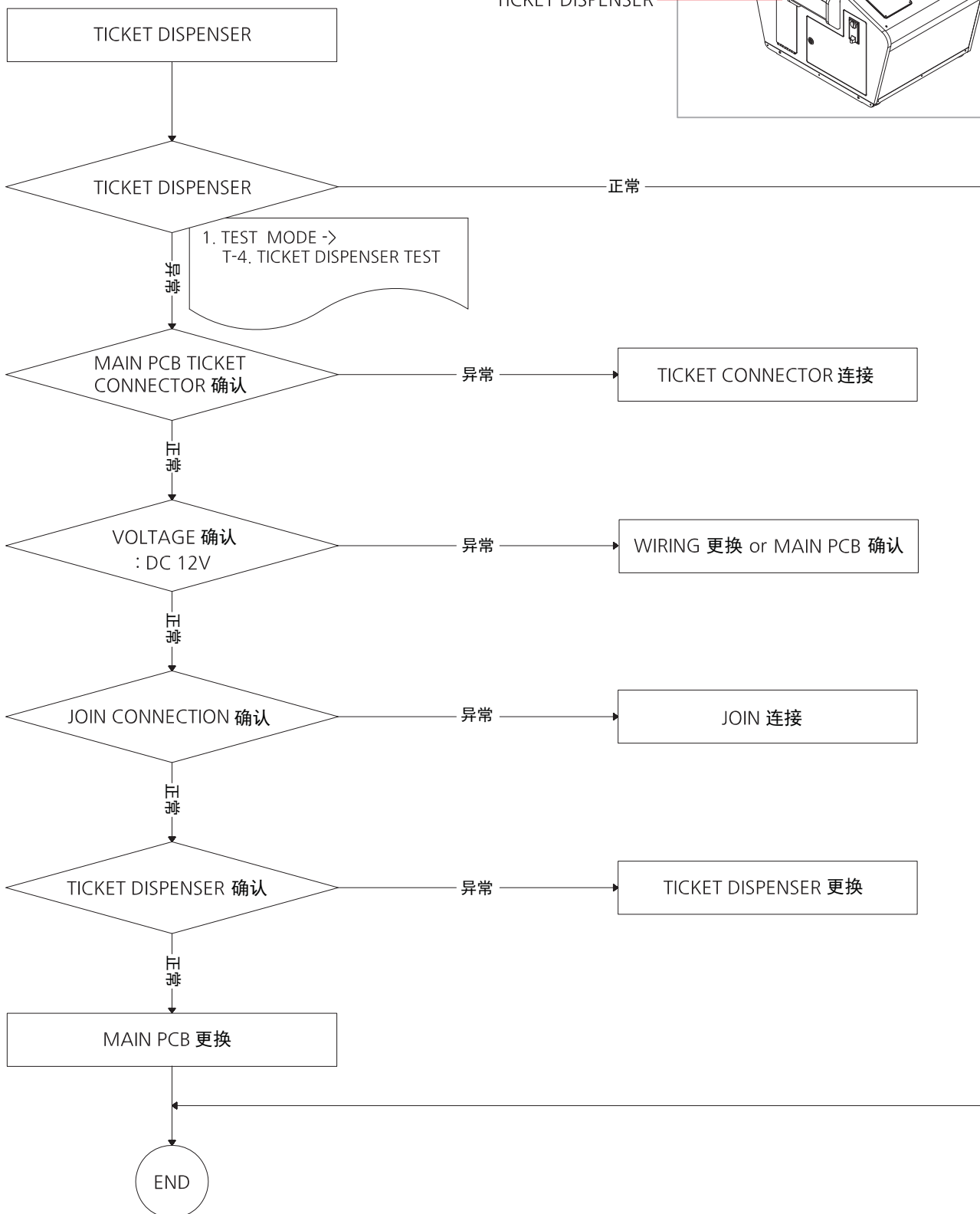
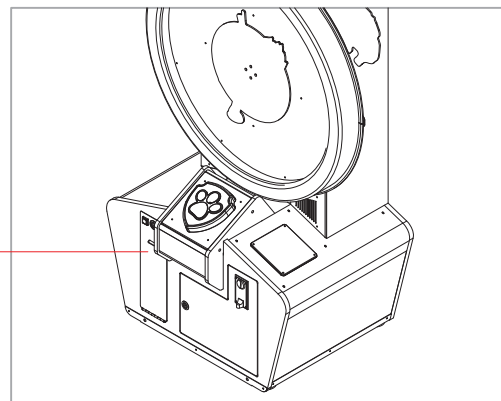
5-7. 按钮LED PCB报错



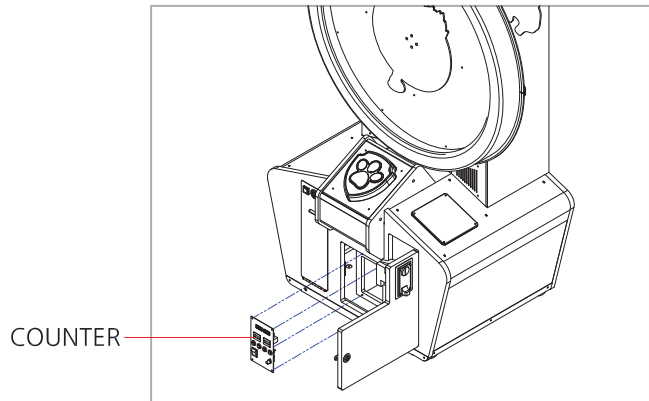
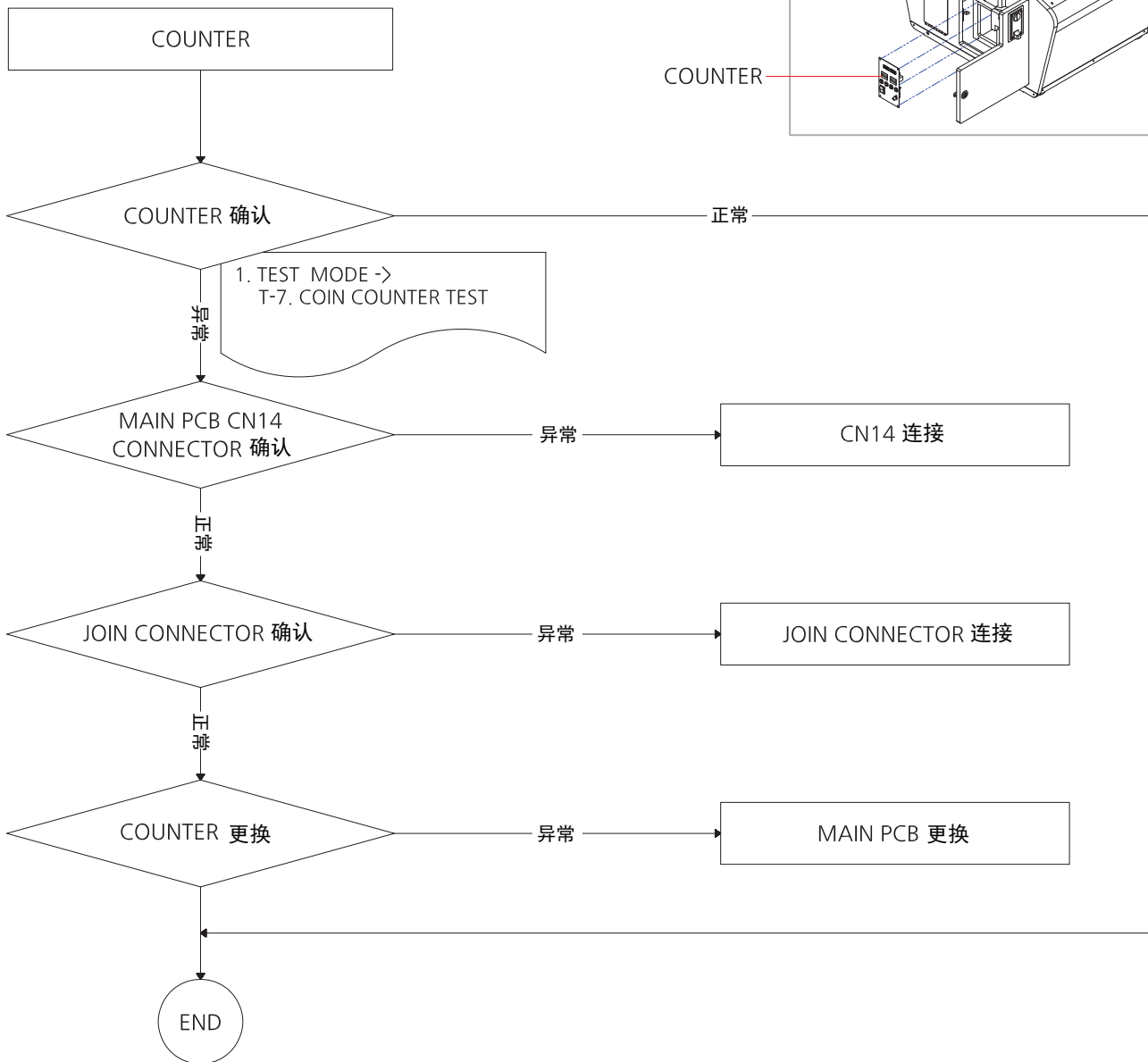
5-8. 投币器报错 [ERROR-2]



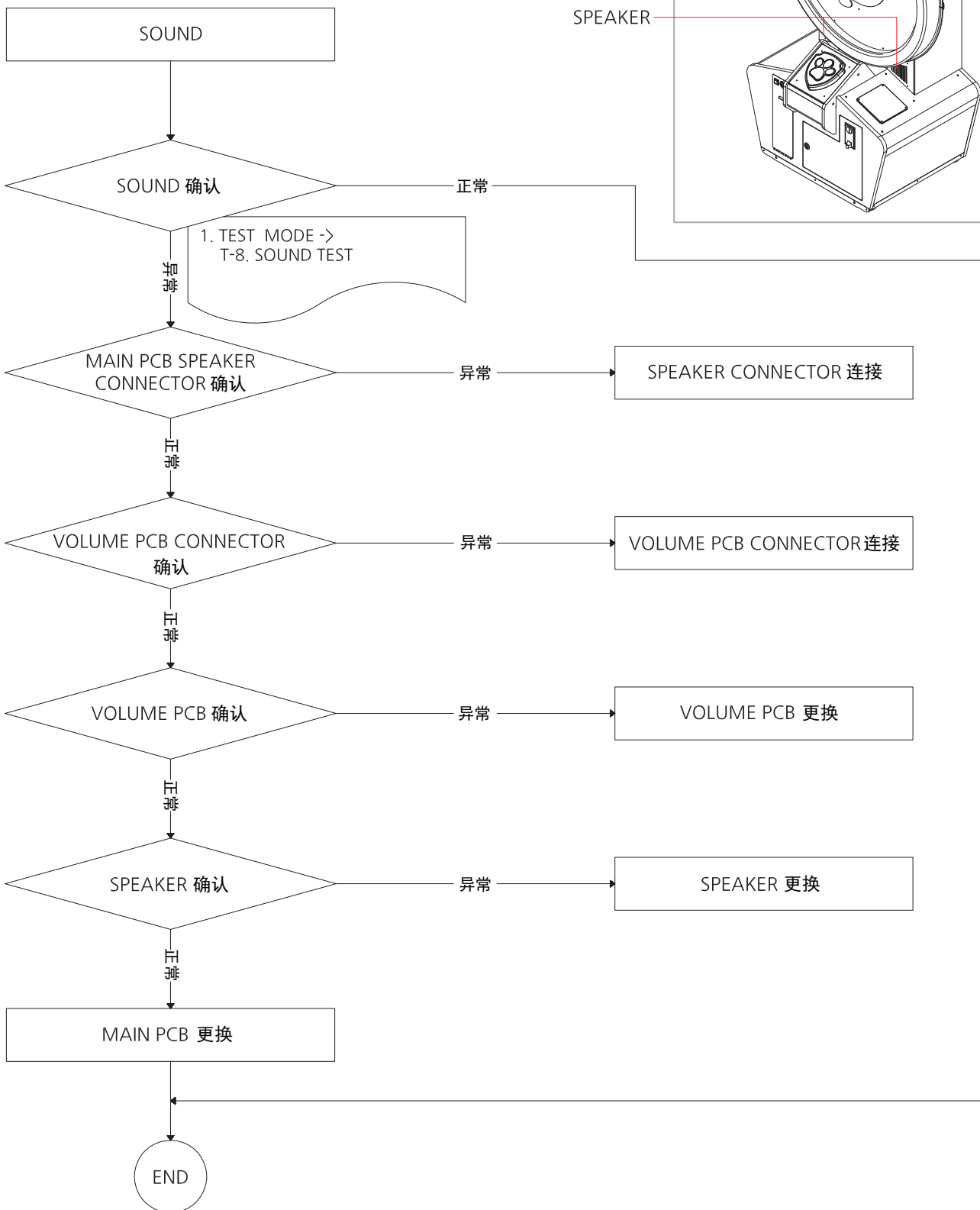
5-9. 彩票机报错 [ERROR-HELP]



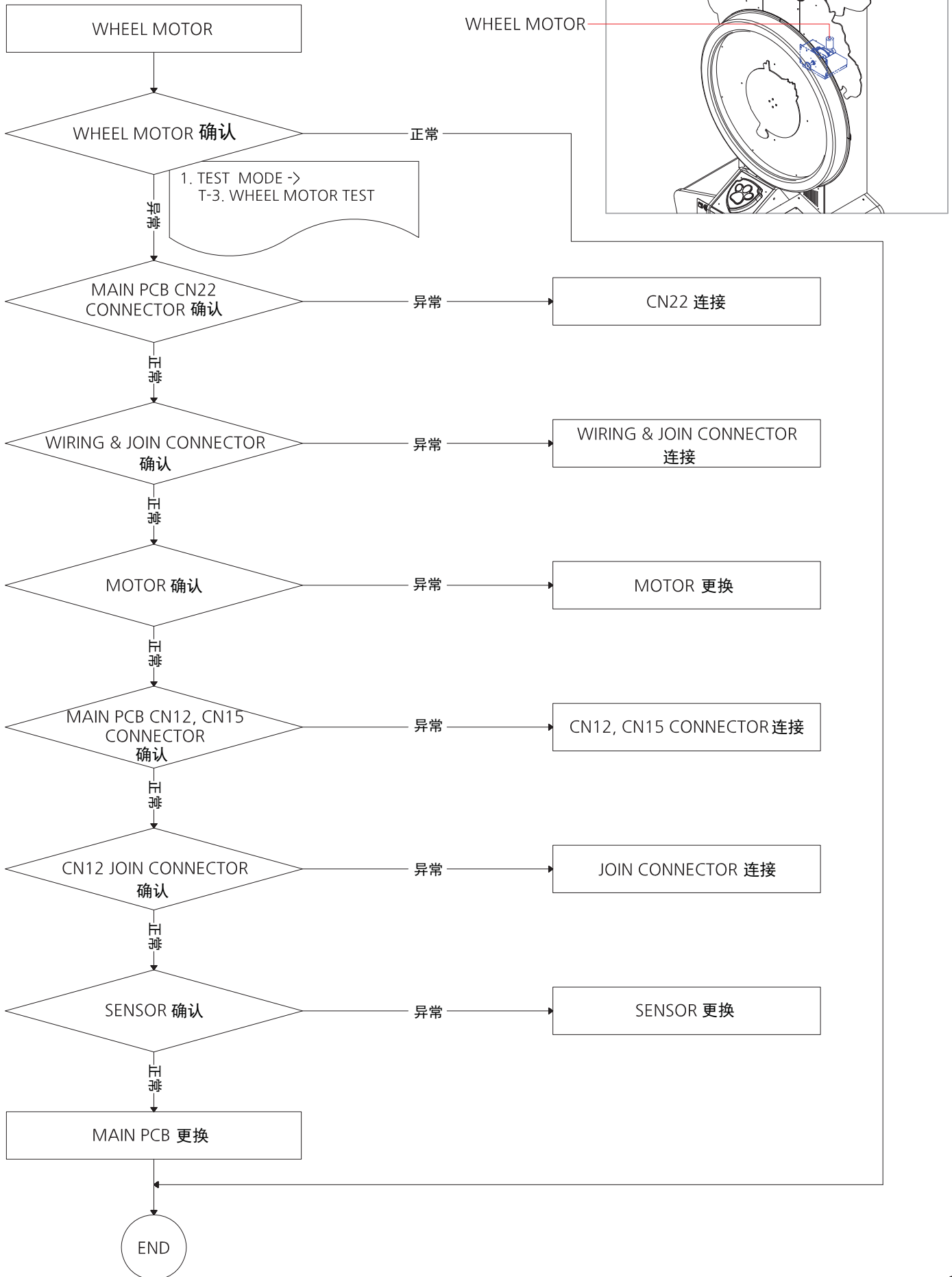
5-10. 统计码表报错



5-11. 声音报错

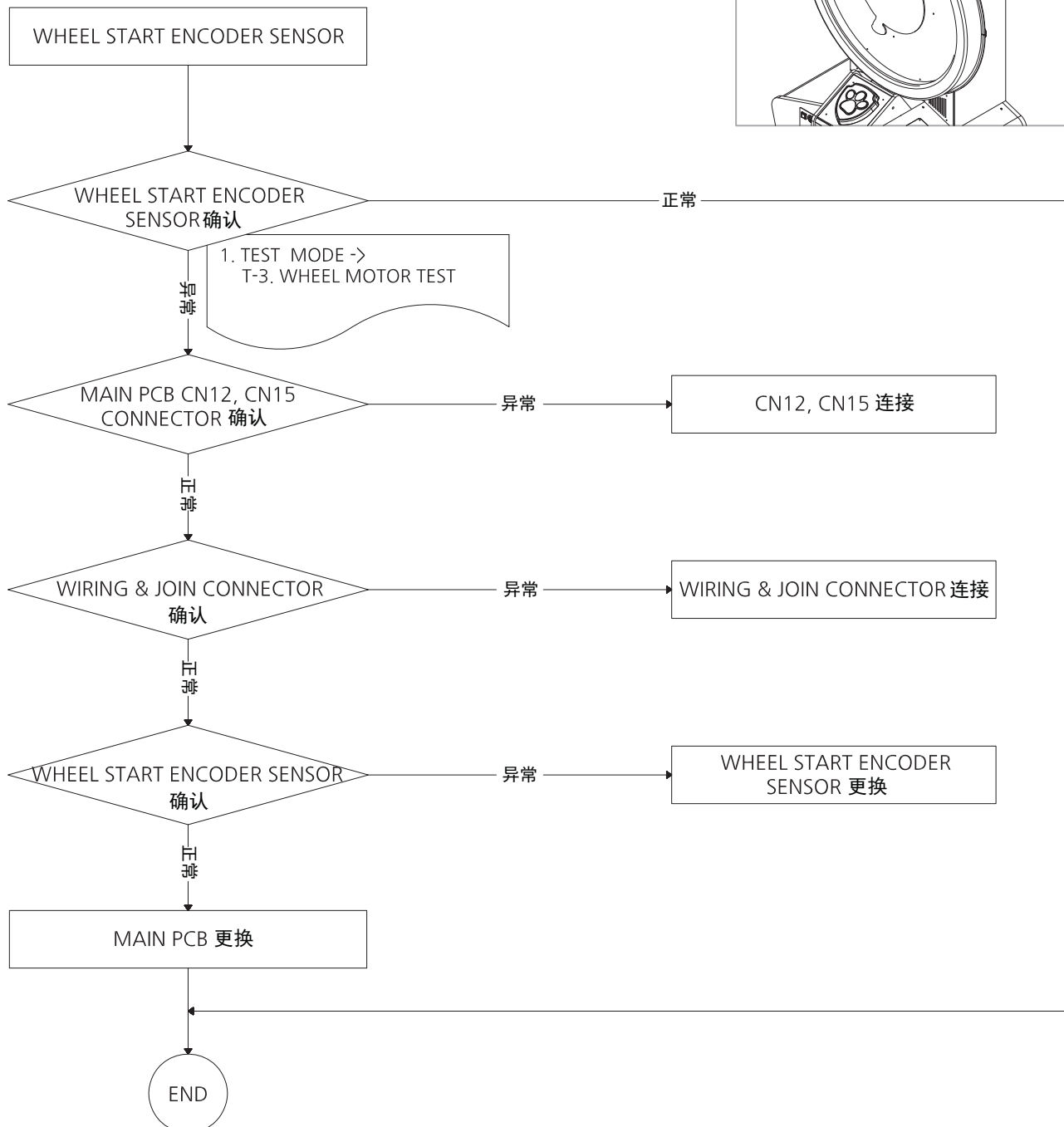
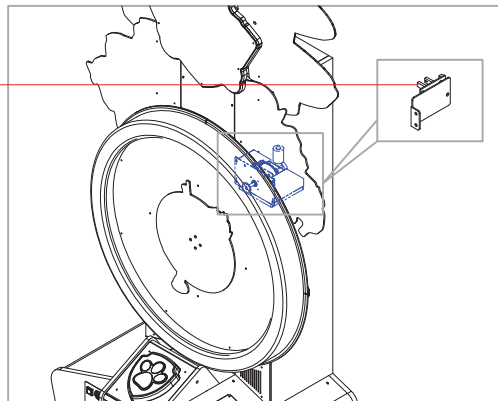


5-12. 转盘马达报错 [ERROR-3, 4]



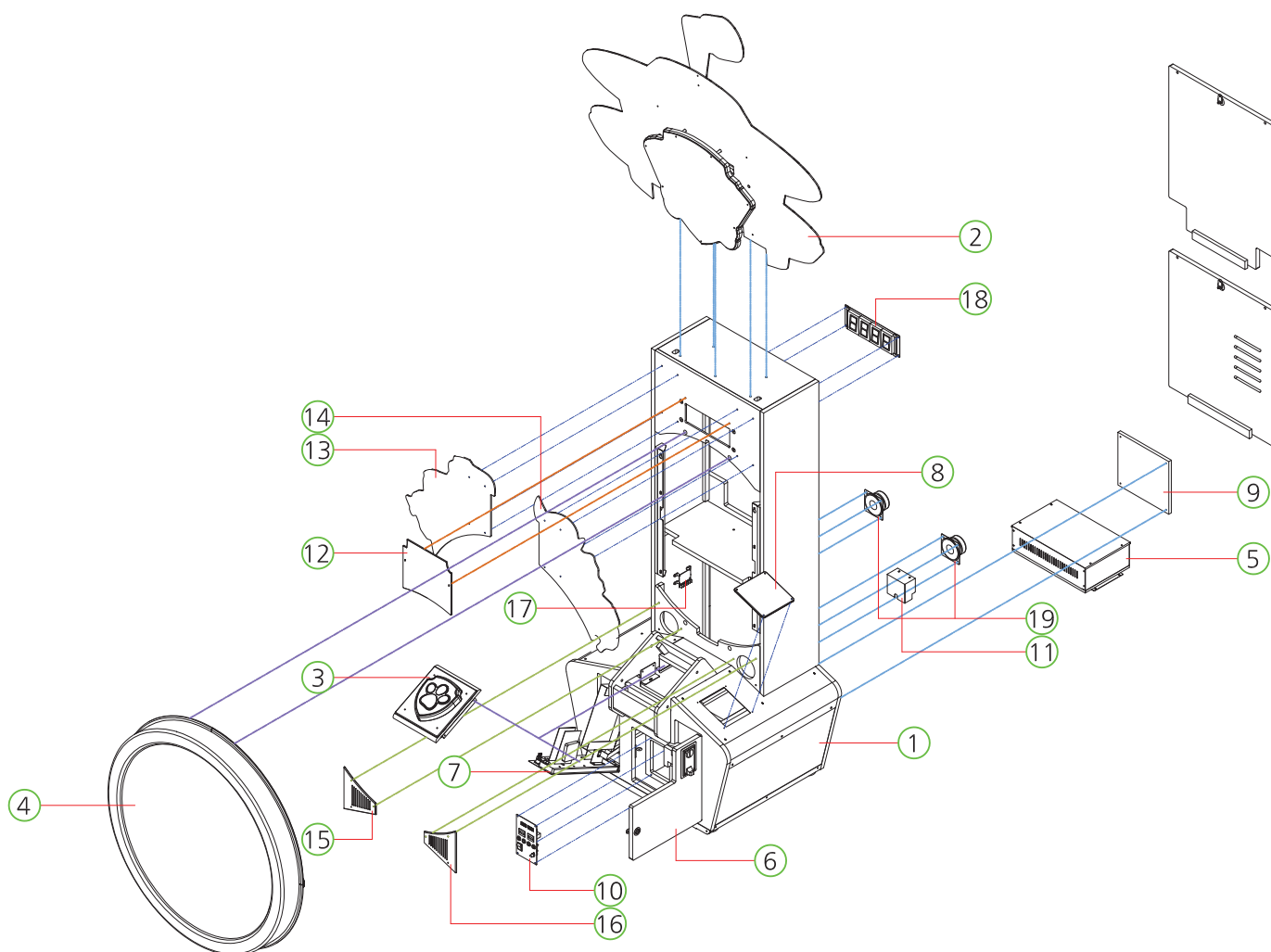
5-13. 转盘原点光眼报错 [ERROR-5]

ENCODER SENSOR



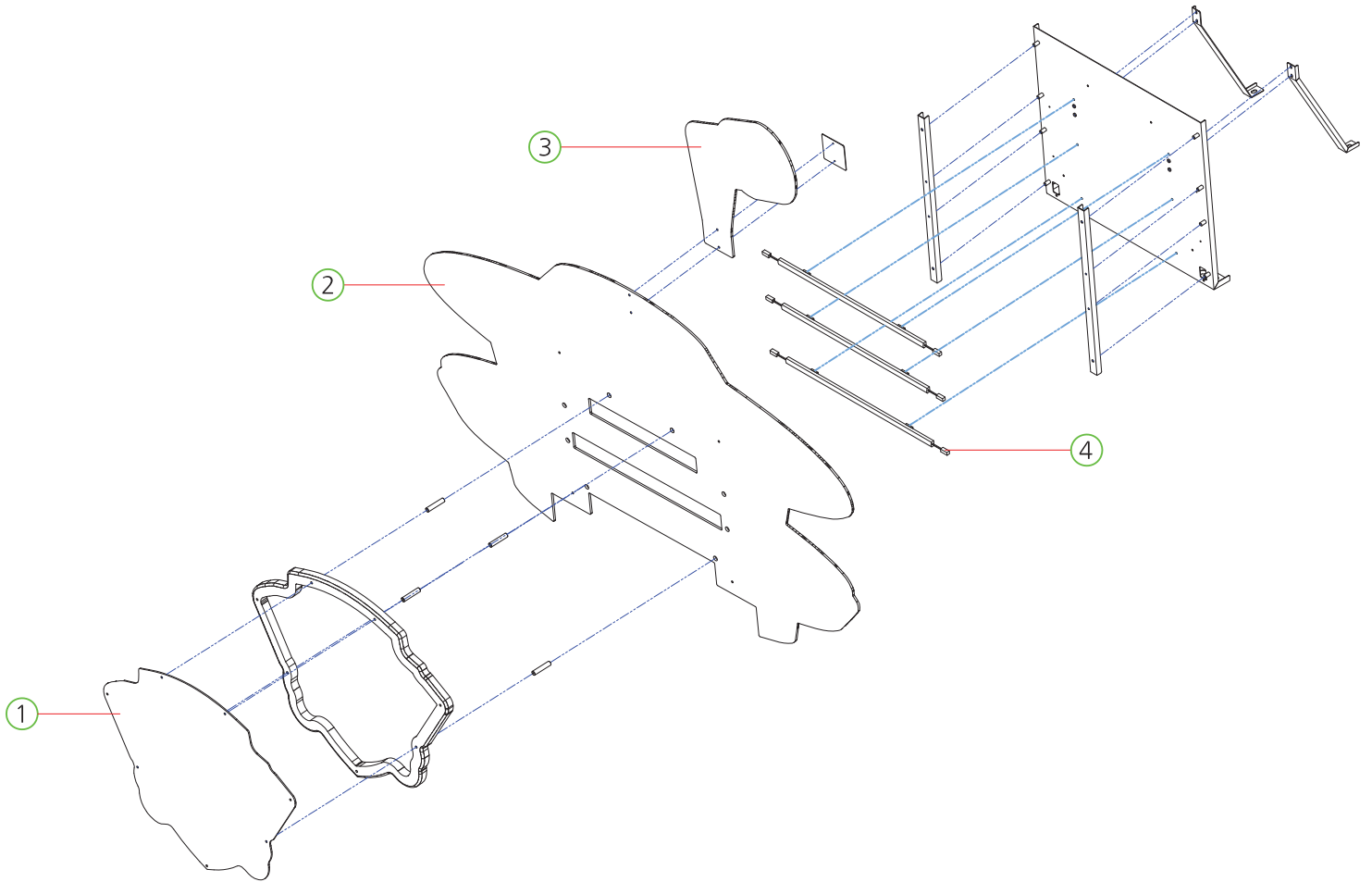
6. 套件清单

6-1. MAIN CABINET PART



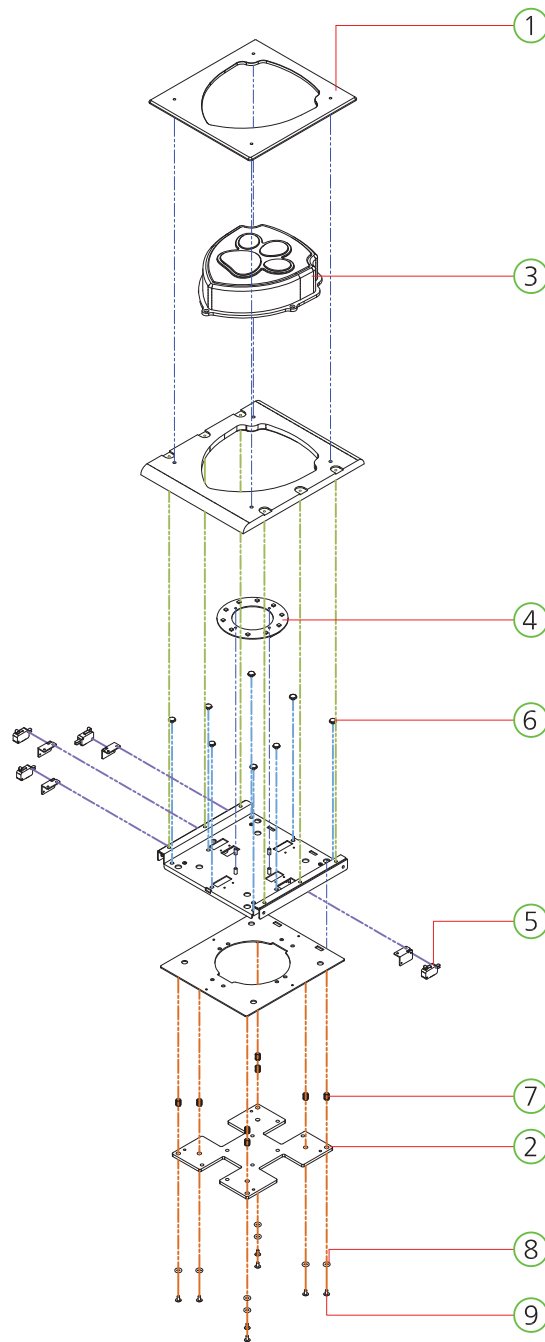
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	MAIN CABINET	-	1	-
2	BILLBOARD PART	-	1	-
3	BUTTON PART	-	1	-
4	WHEEL PART	-	1	-
5	POWER PART	-	1	-
6	FRONT DOOR PART	-	1	-
7	TICKET DISPENSER PART	-	1	-
8	CREDIT FND PART	-	1	-
9	MAIN BOARD PART	-	1	-
10	SETUP PANEL PART	-	1	-
11	AC INPUT PART	-	1	-
12	BONUS FND COVER ACRYL	ACRYL-5.0t	1	-
13	SIDE POP FOMAX-L	FORMAX-5.0t	1	-
14	SIDE POP FOMAX-R	FORMAX-5.0t	1	-
15	SPEAKER COVER ACRYL-L	ACRYL-5.0t	1	-
16	SPEAKER COVER ACRYL-R	ACRYL-5.0t	1	-
17	LED CONTROL PCB ASS'Y	-	1	-
18	BONUS FND ASS'Y	-	1	-
19	SPEAKER	-	2	-

6-2. BILLBOARD PART



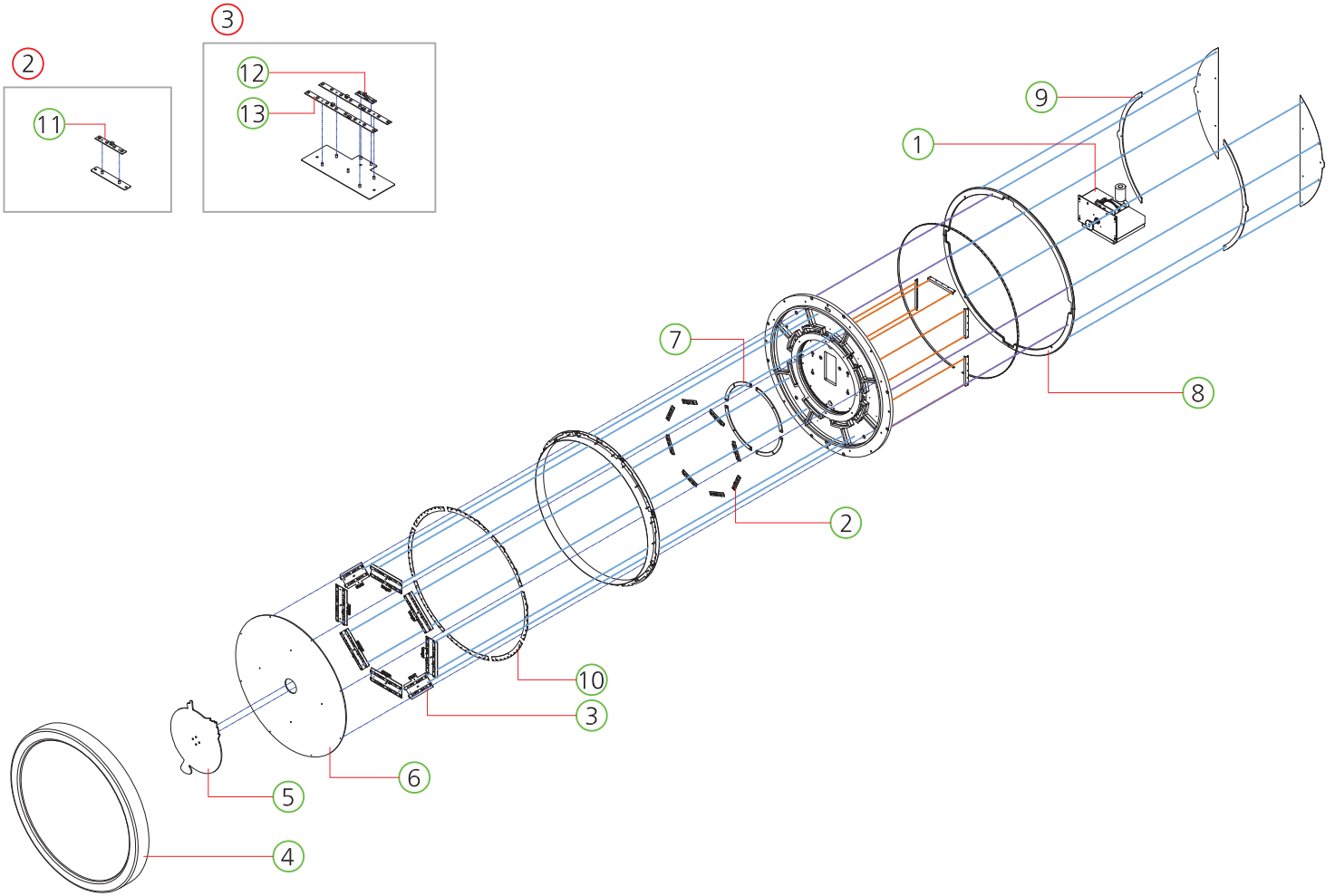
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	BILLBOARD PAW ACRYL	ACRYL-3.0t	1	-
2	TOWER POP FOMAX	FOMAX-5.0t	1	-
3	PERISCOPE POP FORMAX	FOMAX-5.0t	1	-
4	LED BAR PCB ASSY	460mm	3	-

6-3. BUTTON PART



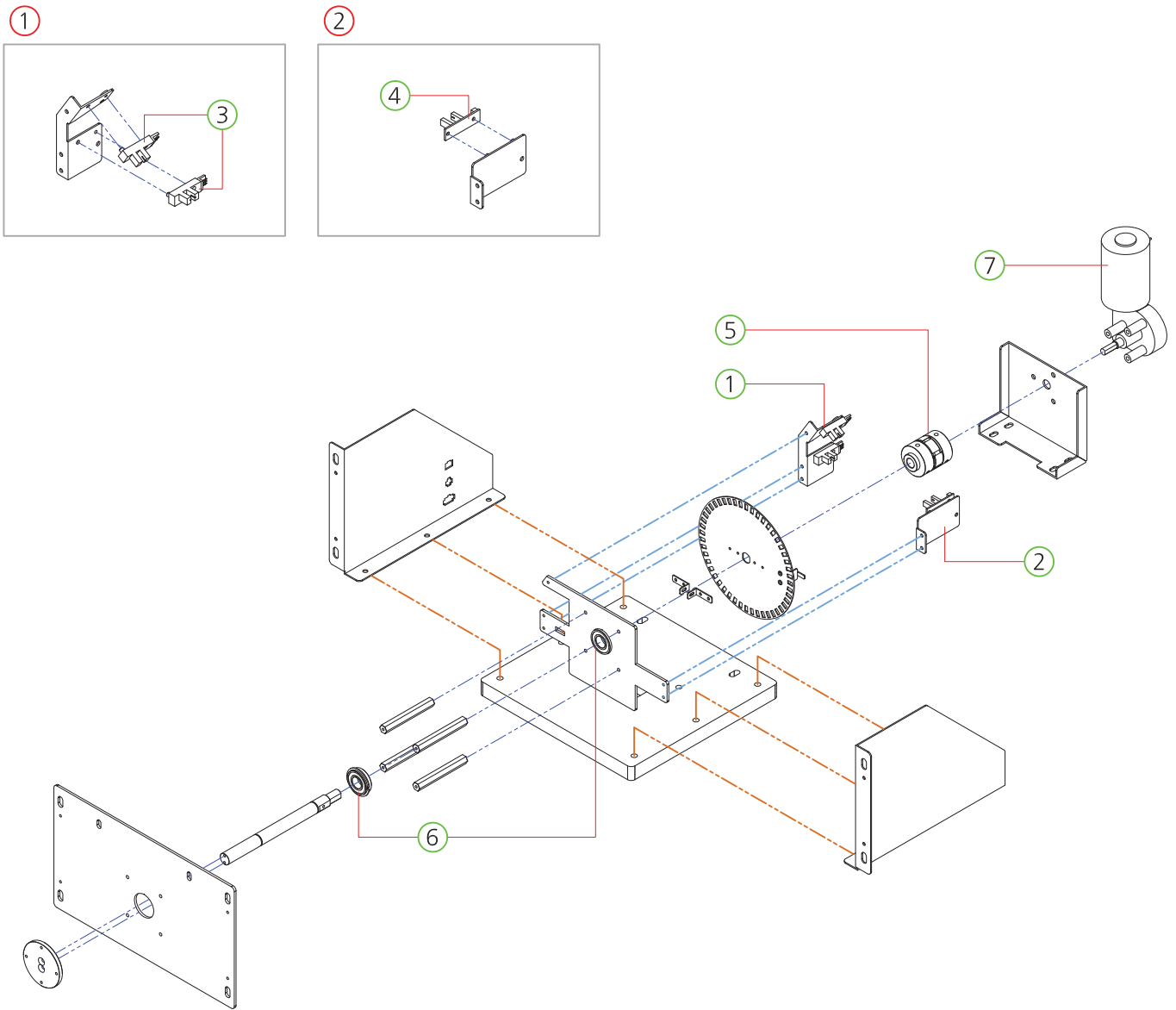
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	BUTTON COVER ACRYL	ACRYL-5.0t	1	-
2	BUTTON SUPPORT ACRYL	ACRYL-5.0t	1	-
3	BUTTON COVER	PC-5.0t	1	-
4	DOMO CENTER LED PCB ASS'Y	-	1	-
5	MICRO SWITCH	GSMV1651A2	4	-
6	PLUG CUSHION RUBBER	[KD-96R-9] 6mm	8	-
7	BUTTON SPRING	-	8	MPAW0SPR001
8	O-RING	-	8	-
9	BOLT	M4x8L	8	-

6-4. WHEEL PART



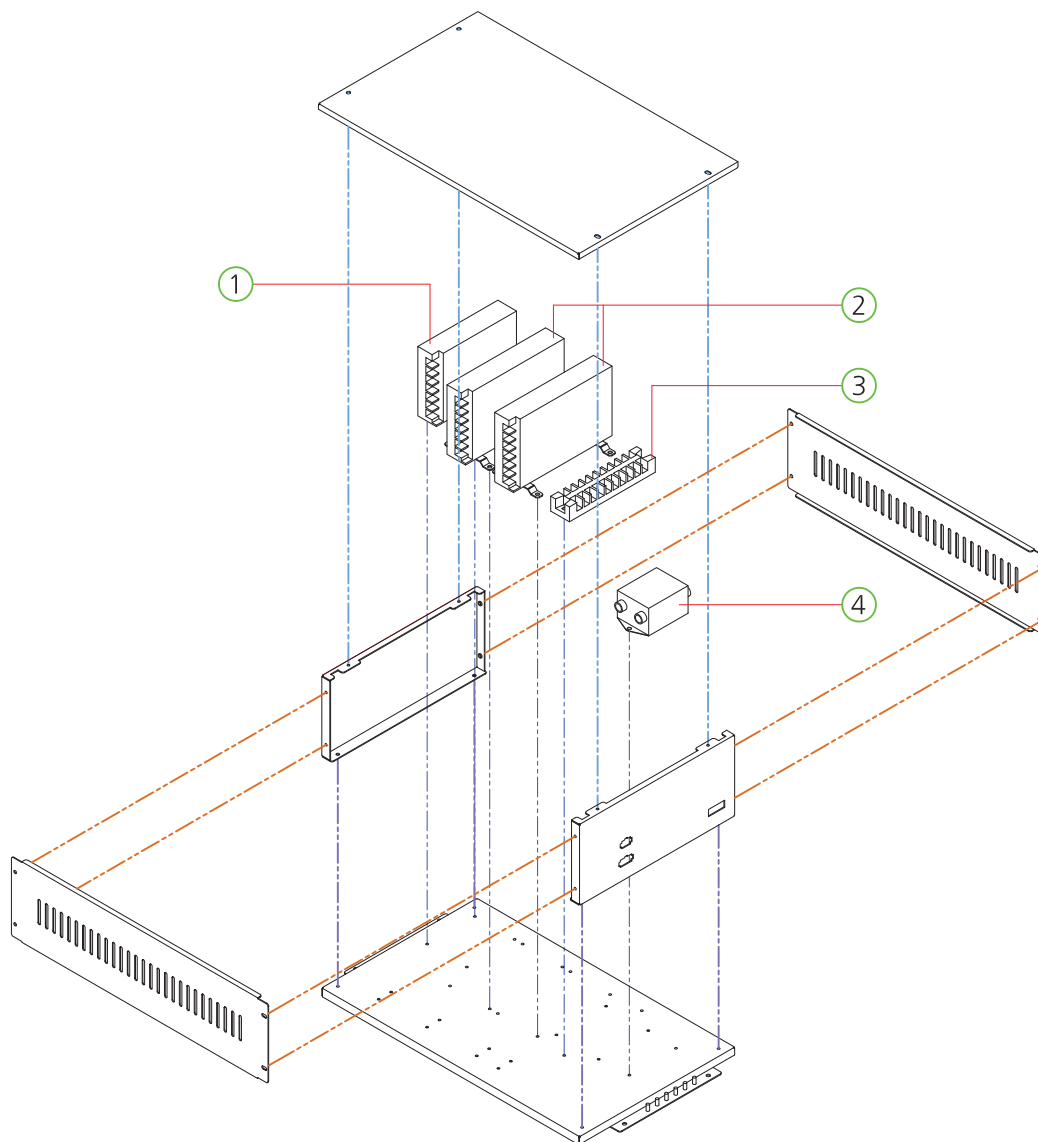
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	WHEEL DEVICE ASS'Y	-	1	-
2	WHEEL 4P LED PCB ASS'Y	-	8	-
3	WHEEL 8P LED PCB ASS'Y	-	16	-
4	OUTSIDE WHEEL COVER	PET-5.0t	1	-
5	WHEEL INNER PAW ACRYL	ACRYL-5.0t	1	-
6	WHEEL SCORE BOARD ACRYL	ACRYL-5.0t	1	-
7	WHEEL INNER FLEXIBLE LED PCB FIX ACRYL	ACRYL-5.0t	4	-
8	WHEEL OUTSIDE FRONT ACRYL	ACRYL-10.0t	4	-
9	WHEEL OUTSIDE REAR ACRYL	ACRYL-5.0t	2	-
10	WHEEL INNER OUTSIDE LED PCB ASS'Y	-	8	-
11	WHEEL LED PCB ASS'Y-4P	-	8	-
12	WHEEL LED PCB ASS'Y-3P	-	8	-
13	WHEEL LED PCB ASS'Y-8P	-	16	-

6-5. WHEEL DEVICE PART



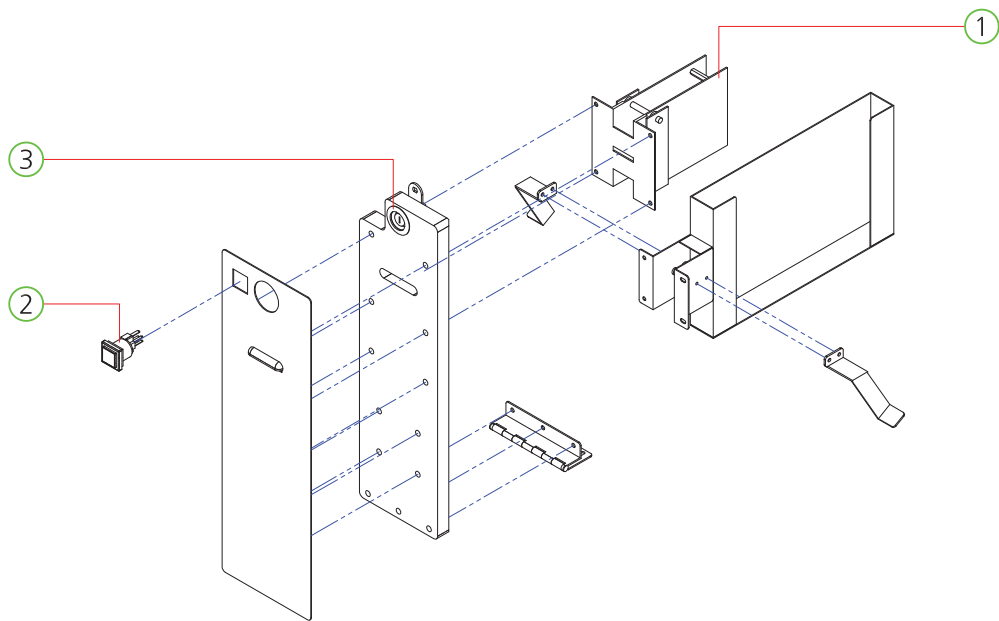
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	WHEEL POSITION SENSOR FIX BKT ASS'Y	-	1	-
2	WHEEL START POINT SENSOR FIX BKT ASS'Y	-	1	-
3	PHOTO SENSOR	LG217-L3	2	MELE0PHO007
4	PHOTO INT1 PCB ASS'Y	ANGLE TYPE	1	AZZZ0PCB103
5	COUPLING	SJCA-40-GR	1	MPAW0PRO002
6	BEARING	-	1	-
7	MOTOR	HM37-SA1274A-SØ99	1	MZZZ0MOT113

6-6. POWER PART



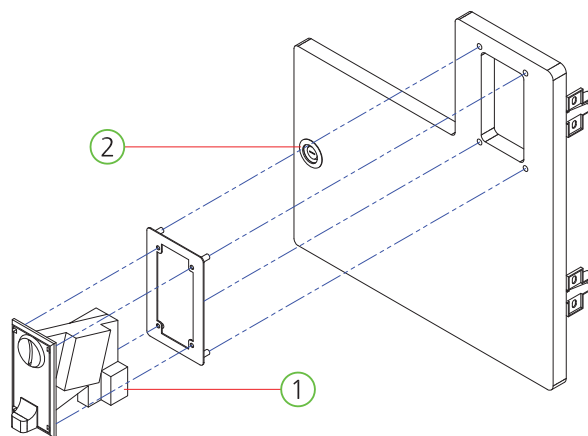
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	SMPS	-	1	-
2	SMPS	-	2	-
3	TERMINAL BLOCK	-	1	-
4	NOISE FILTER	-	1	-

6-7. TICKET DISPENSER PART



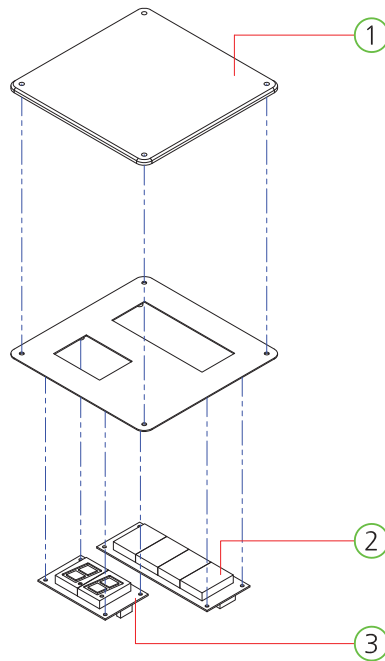
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	TICKET DISPENSER	-	1	-
2	TICKET BUTTON SWITCH	-	1	-
3	KEY ASS'Y	-	1	-

6-8. FRONT DOOT PART



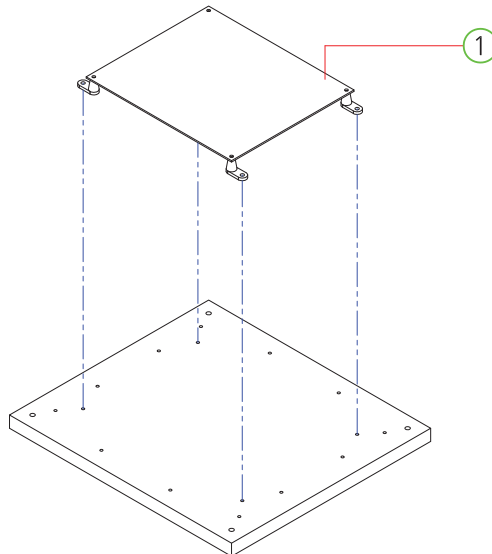
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	COIN SELECTOR	-	1	-
1	KEY ASS'Y	-	1	-

6-9. CREDIT FND PART



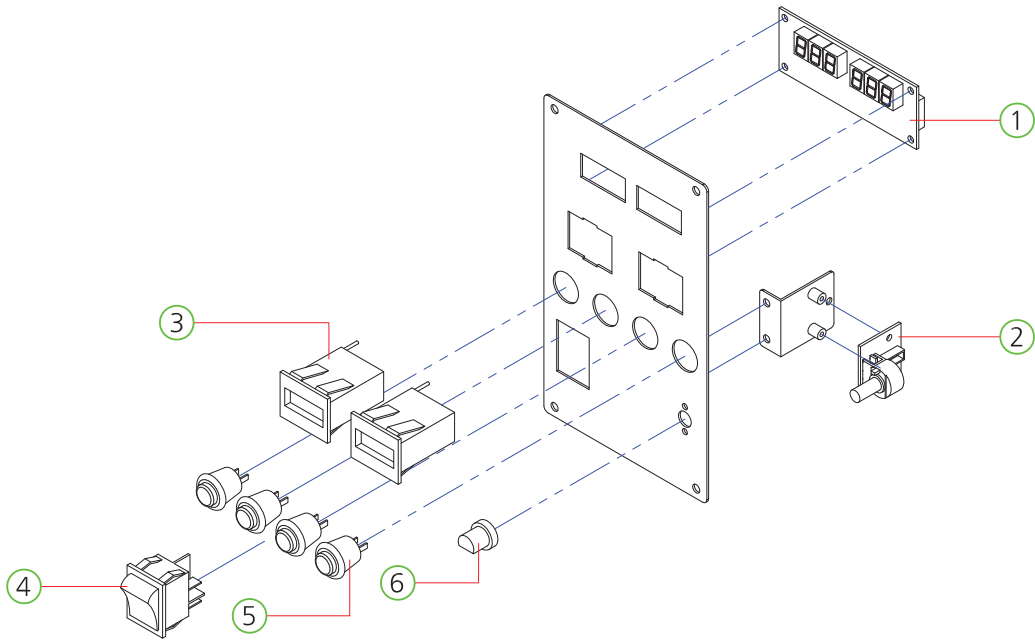
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	CREDIT FND COVER ACRYL	-	1	-
2	FND PCB ASS'Y	-	1	-
3	CREDIT FND PCB ASS'Y	-	1	-

6-10. MAIN BOARD PART



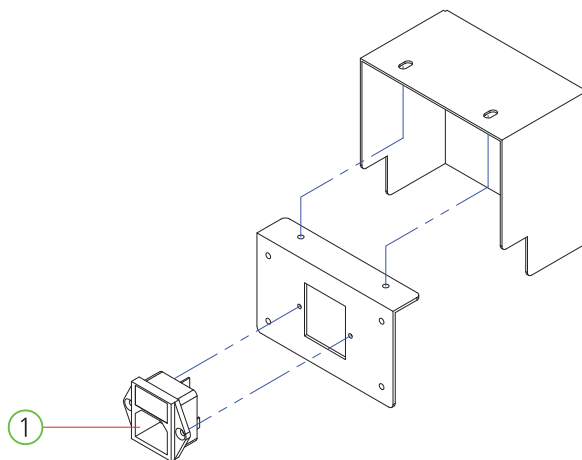
NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	MAIN BOARD PCB ASS'Y	-	1	-

6-11. SETUP PANEL PART

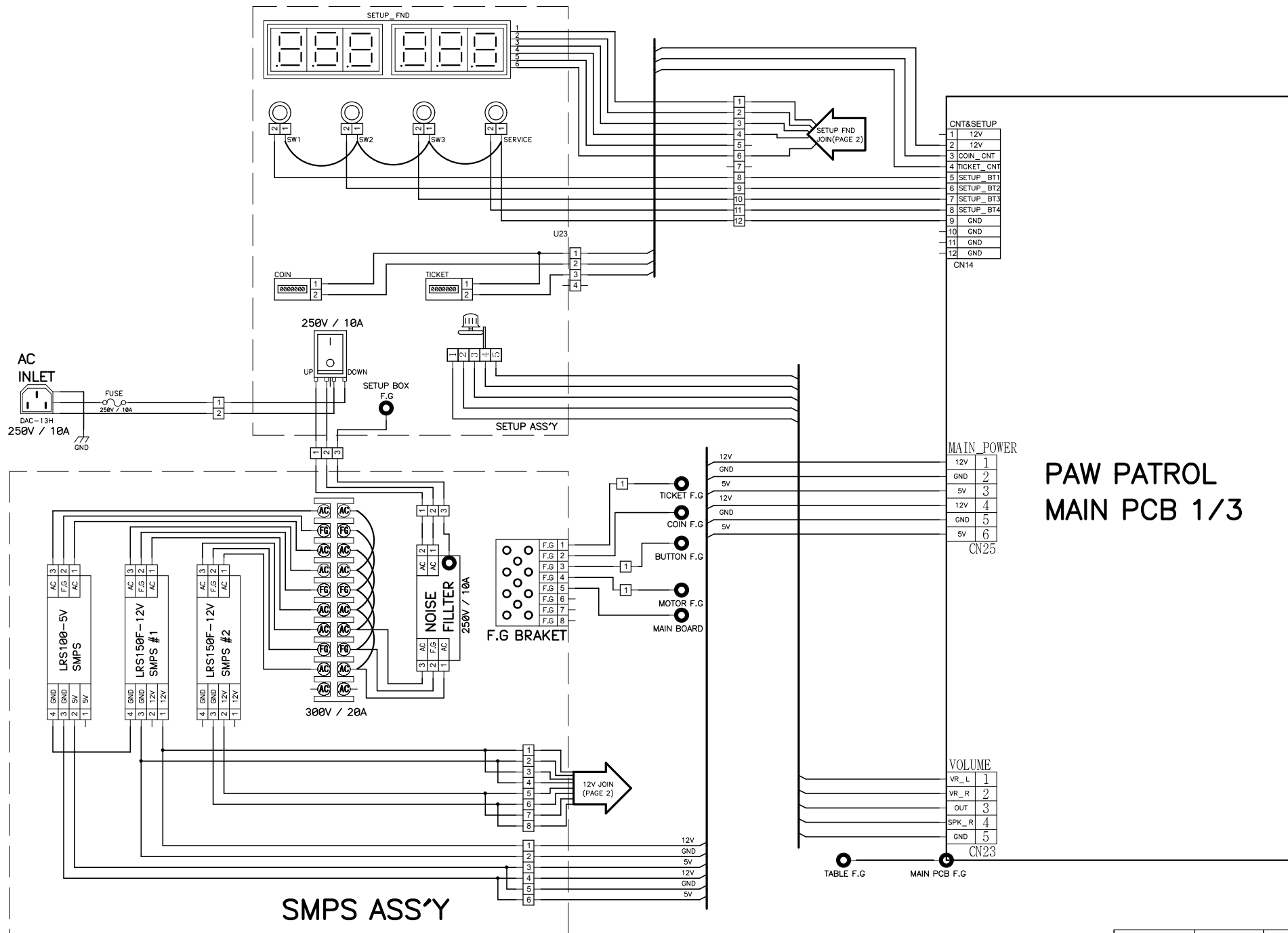


NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	SETUP FND PCB ASS'Y	-	1	-
2	VOLUME PCB ASS'Y	-	1	-
3	COUNTER	-	2	-
4	ROCKER SWITCH	-	1	-
5	PUSH BUTTON SWITCH	-	4	-
6	VOLUME KNOB	-	1	-

6-12. AC INPUT PART



NO.	PART NAME	SPEC.	QUANTITY	CODE NO.
1	AC INPUT	-	1	-

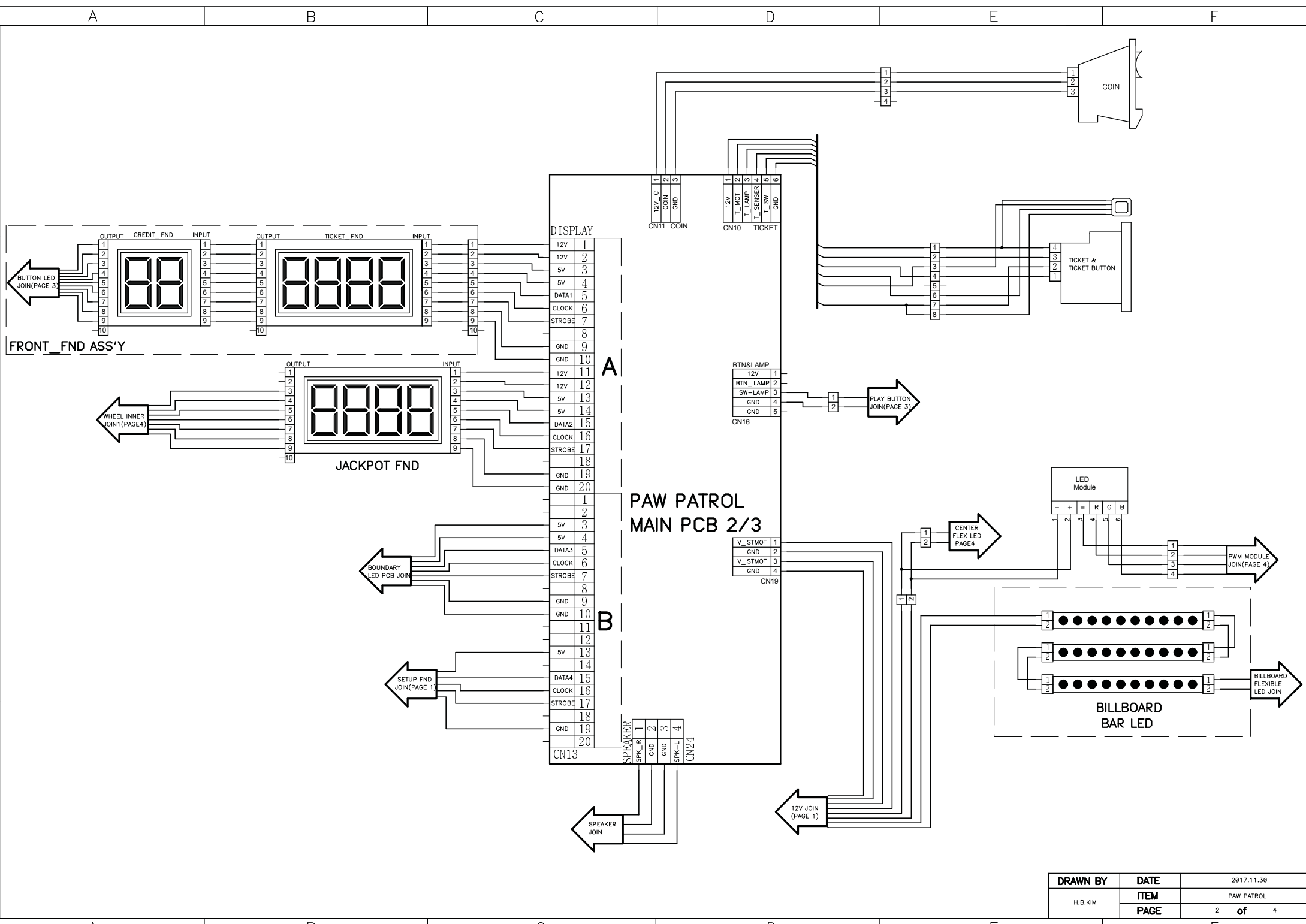


CNT&SETUP	
1	12V
2	12V
3	COIN_CNT
4	TICKET_CNT
5	SETUP_BT1
6	SETUP_BT2
7	SETUP_BT3
8	SETUP_BT4
9	GND
10	GND
11	GND
12	GND

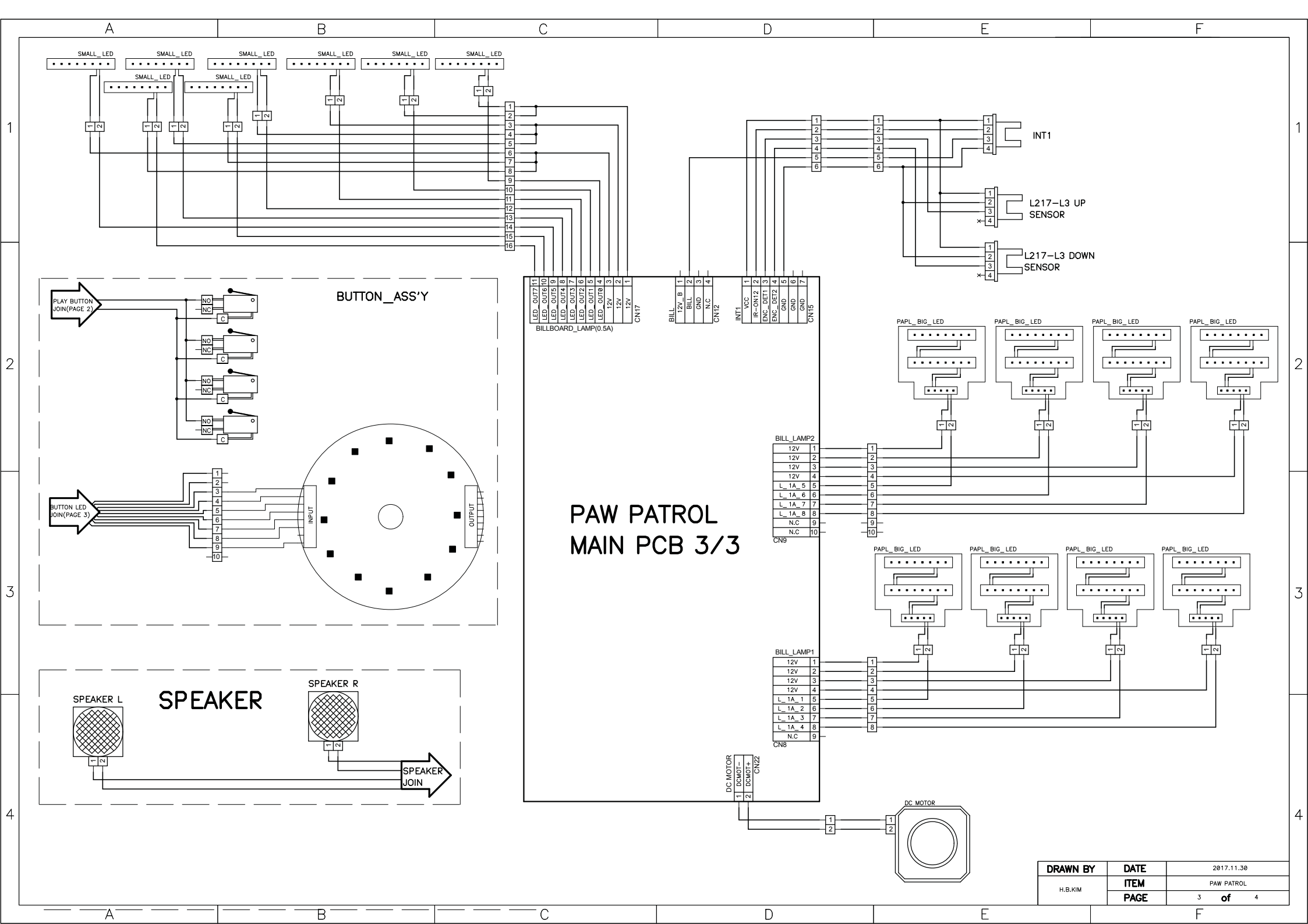
MAIN POWER	
12V	1
GND	2
5V	3
12V	4
GND	5
5V	6

VOLUME	
VR_L	1
VR_R	2
OUT	3
SPK_R	4
GND	5

PAW PATROL MAIN PCB 1/3

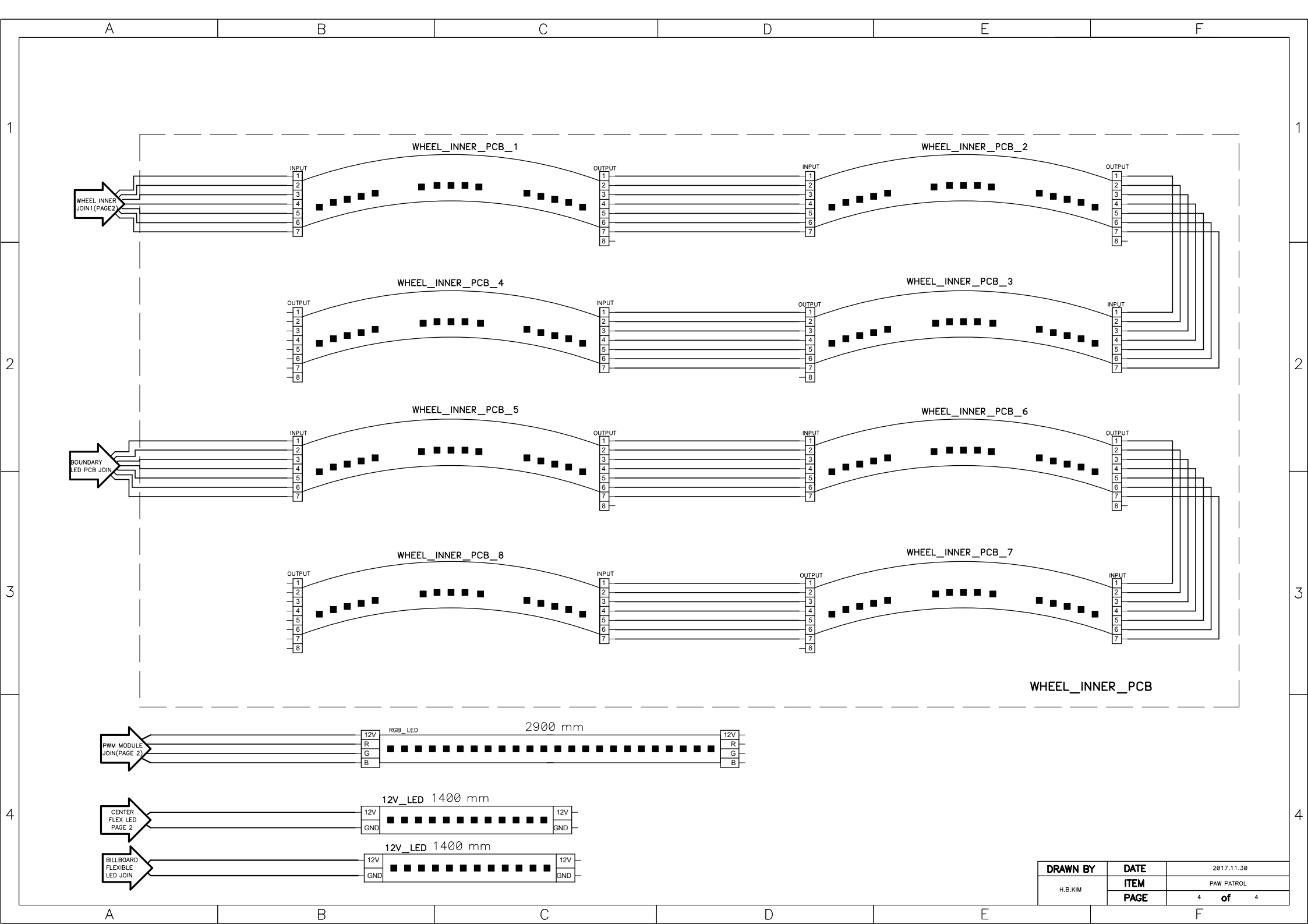


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**PAW PATROL
MAIN PCB 3/3**

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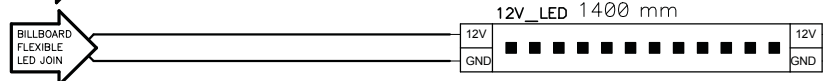
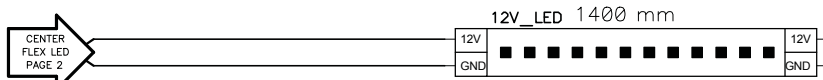
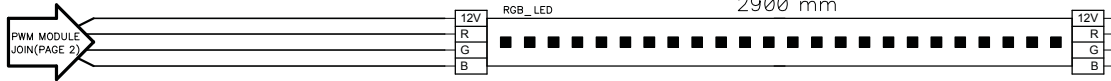
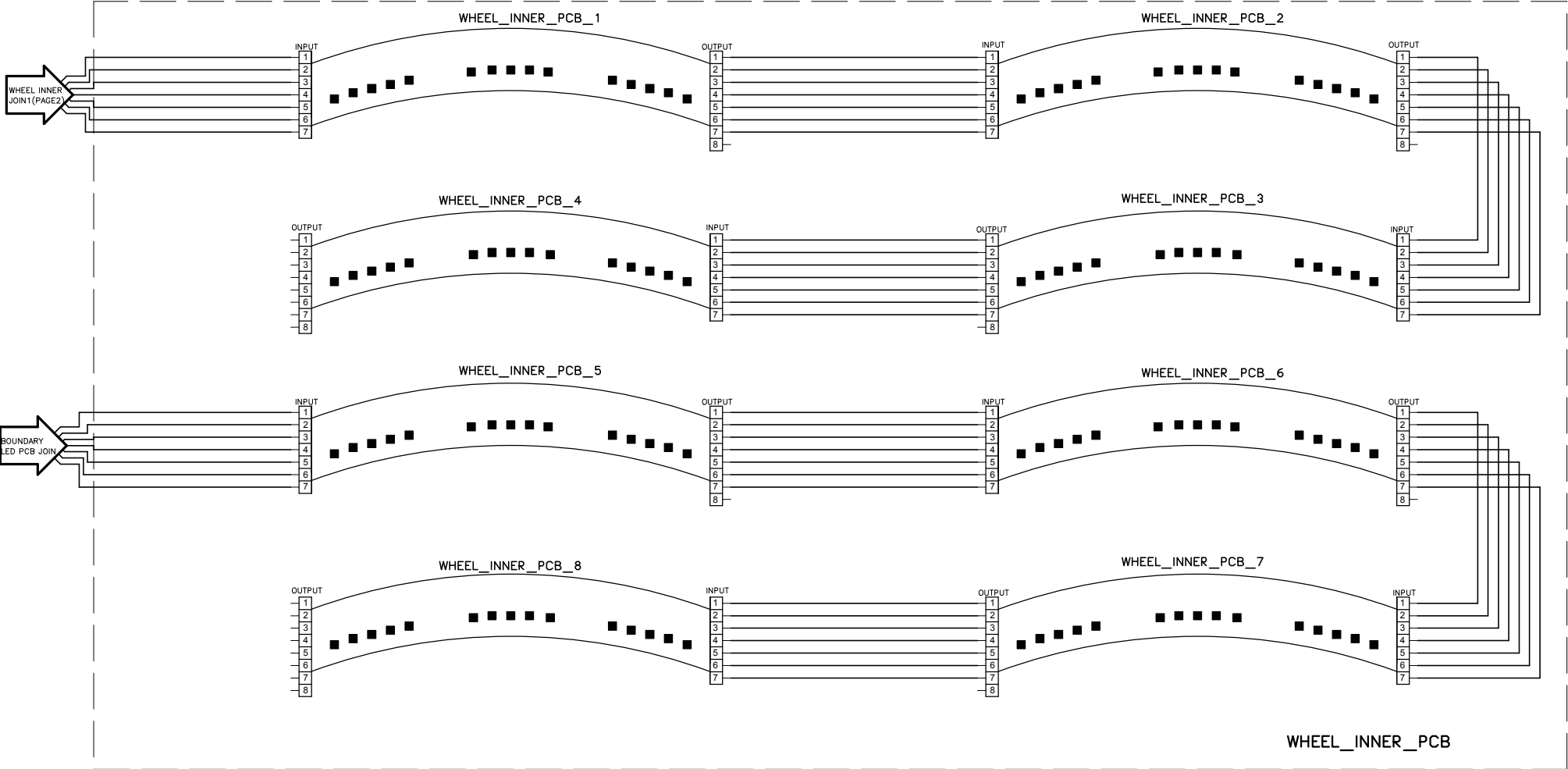
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