

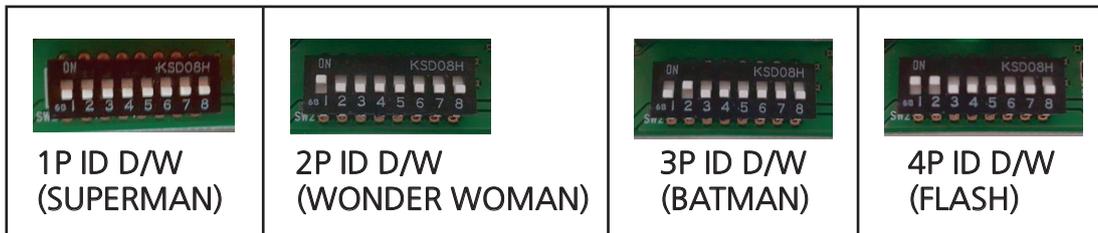
*** ANDAMIRO WARRANTS the parts from date of shipment as follows.**

- **One Year Limited Warranty : Electronic Boards**
- **6 Month Limited Warranty : Moving Parts**

[CAUTION]

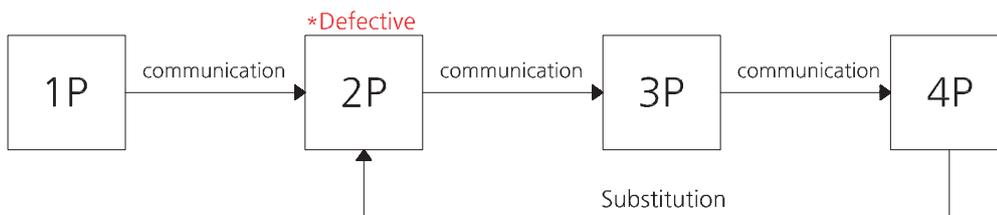
*** IN CASE OF MAIN PCB REPAIR FOR ALL KINDS OF THE TROUBLE SITUATIONS AS FOLLOW :**

- If the defect occurs among 1, 2, 3P's Main PCBs, replace main PCB of 4P as shown below in the following picture.
: Regard as 4P was defected P, connect 1, 2,3P to main PCB step by step then you can operate.
- Then, use each DIP S/W to adjust the setting as shown in the following picture.



[EX]

- For example, if the 2P main PCB was defected as indicated, replace 4P main PCB then change the setting as like 2P DIP S/W.



- Normal communication can be achieved only when each P's DIP S/W is changed.

CONTENTS

1. ERROR CODEP02
2. TROUBLESHOOTINGP04
3. TEST MODEP40
4. IN CASE OF INTERNAL DUST & STATIC ELECTRICITY OCCURRENCEP42
5. HOW TO ADJUST THE GAP OF CARD DISPENSERP43

[ERROR CODE]

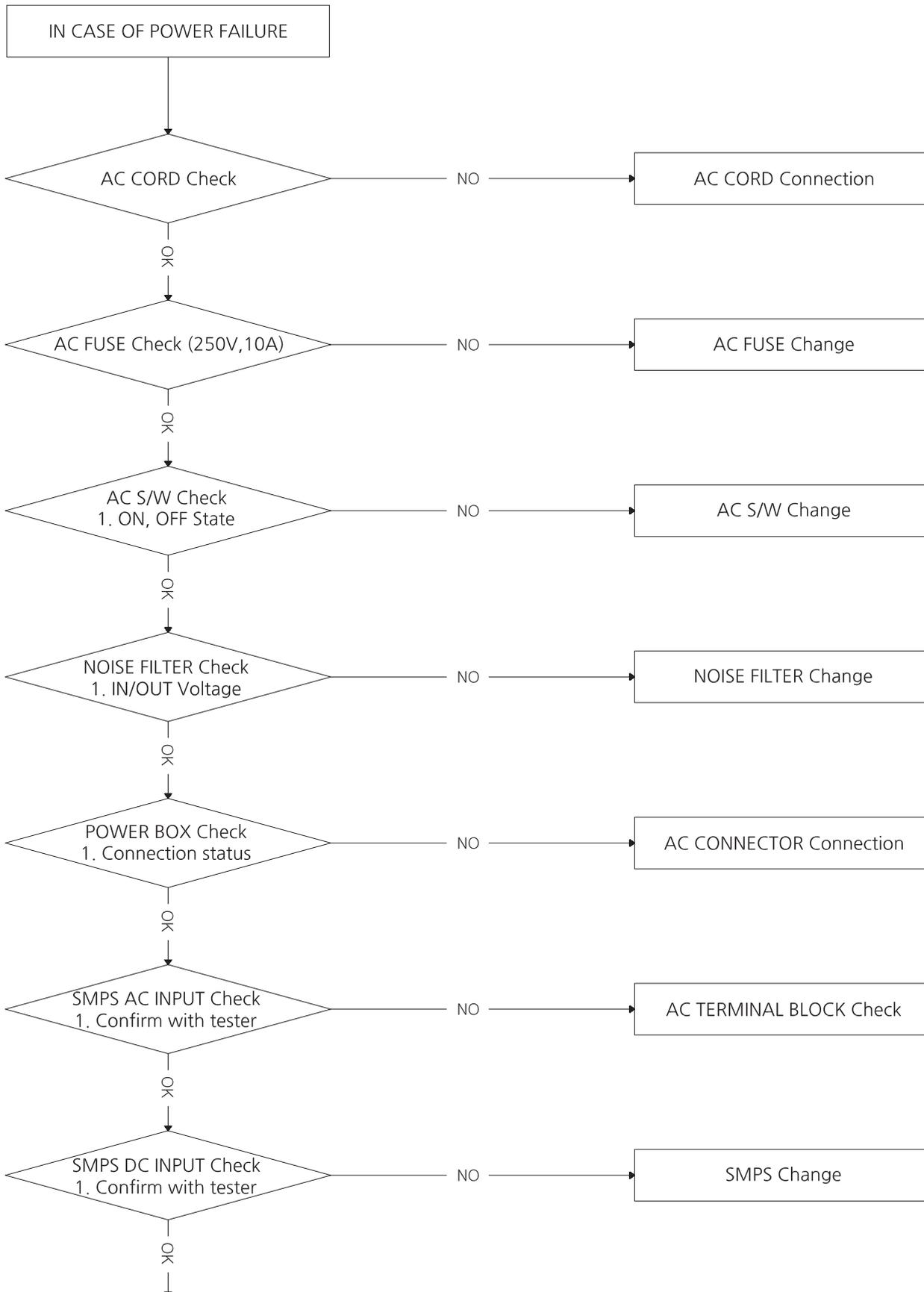
CODE (TOKENS FND)	CONTENTS	ERROR DESCRIPTION (REBOOTING AFTER TROBLE SHOOTING)
E.02	COIN ERRORP36	1. COIN JAM ('COIN JAM' Trouble shooting in the coin acceptor)
E.03	CIRCULATION ERRORP28	1. CIRCULATION MEDAL JAM INSIDE OR NO MEDAL (Remove the acrylic plate OR Pull down jammed medal using magnet outside of acrylic plate) 2. MALFUNCTION OF UPPER SENSOR (TEST MODE -> CIRCULATION TEST : Check Circulator's operation)
E.04	PUSHER ERRORP14	1. MALFUNCTION OF AC MOTOR OR SENSOR (TEST MODE -> PUSHER TEST : Check MOTOR's operation) 2. MEDAL JAM at the PUSHER's bottom part or either side of upper part.
E.05	COUNTER HOPPER ERRORP16	1. MALFUNCTION OF MOTOR OR SENSOR (TEST MODE -> COUNTER HOPPER TEST : Check operation) 2. CONVEYER Check operation (TEST MODE -> CONVEYER TEST Check operation)
E.06	ELEVATOR HOPPER ERRORP19	1. MALFUNCTION OF MOTOR OR SENSOR (TEST MODE -> ELEVATOR HOPPER TEST Check operation) 2. NO MEDAL IN THE ELEVAOTR HOPPER (Check MEDAL was dropped around.) 3. MEDAL JAM AT THE RAIL WHERE MEDAL WAS EMITTED (Remove MEDAL at the RAIL) 4. Check COUNTER HOPPER's operation (TEST MODE -> COUNTER HOPPER TEST : Check operation) 5. Check CONVEYER's operation (TEST MODE -> CONVEYER TEST : Check operation) 6. In case of MEDAL wasn't emitted even though there is MEDAL in the ELEVAOTR HOPPER (Tap the bucket lightly several times.)
E.07	CIRCULATION WIPER ERRORP23	1. MALFUNCTION OF MOTOR OR SENSOR (TEST MODE -> CIRCULATION TEST : Check operation)
E.08	CONVEYER ERRORP30	1. MALFUNCTION OF MOTOR OR SENSOR (TEST MODE -> CONVEYER TEST : Check operation) 2. MEDAL JAM at the bottom part or upper part. (TROBLE SHOOTING MEDAL JAM)

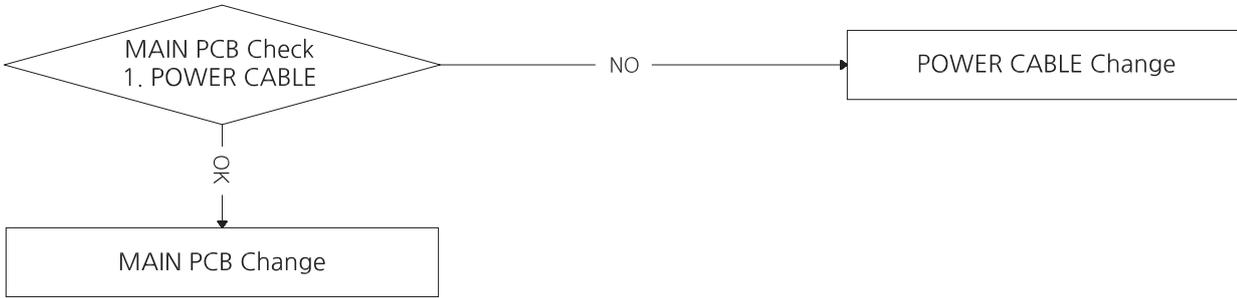
E.09	CIRCULATION ENCODER SENSOR ERRORP25	1. MALFUNCTION OF MOTOR OR ENCODER SENSOR (TEST MODE -> CIRCULATION TEST : Check operation) 2. Check the clearance of the acrylic panel. (Adjust to spin it by hand and the clearance is less than 2cm)
E.10	CIRCULATION MAGNETIC SENSOR PCB ERRORP27	1. MALFUNCTION OF SENSOR PCB in the bottom part of CIRCULATION (TEST MODE -> CIRCULATION TEST : Check operation)
E.11	CARD DISPENSER ERRORP33	1. CARD EMPTY 2. CARD JAM (CARDS need to be shuffled when it put and lay in the H frame.)
E.20	SETUP LCD ERRORP37	1. MALFUNCTION OF SETUP LCD (Check the connection of MAIN BOARD connector)
E.21	CONNECT ERRORP39	1. MALFUNCTION OF COMMUNICATION CONNECTION (Check the DIP-SWITCH ID of MAIN BOARD or connector line.)
E.22	PROGRAM VERSION ERROR	1. MISMATCH ON EACH MAIN BOARD OF PROGRAM VERSION
E.23	BACKUP SETUP DATA ERROR	1. SETUP STORAGE DATA ERROR (Rebooting the Machine. Then Clear error. CPU PCB needs to be changed if it occurs continuously.)
E.24	BACKUP GAME DATA ERROR	1. SETUP STORAGE DATA ERROR (Rebooting the Machine. Then Clear error. CPU PCB needs to be changed if it occurs continuously.)
TILT ERROR	DISPLAY BONUS FND	It occurs machine was shaken. It automatically recovers after 15 seconds.

[TROUBLESHOOTING]

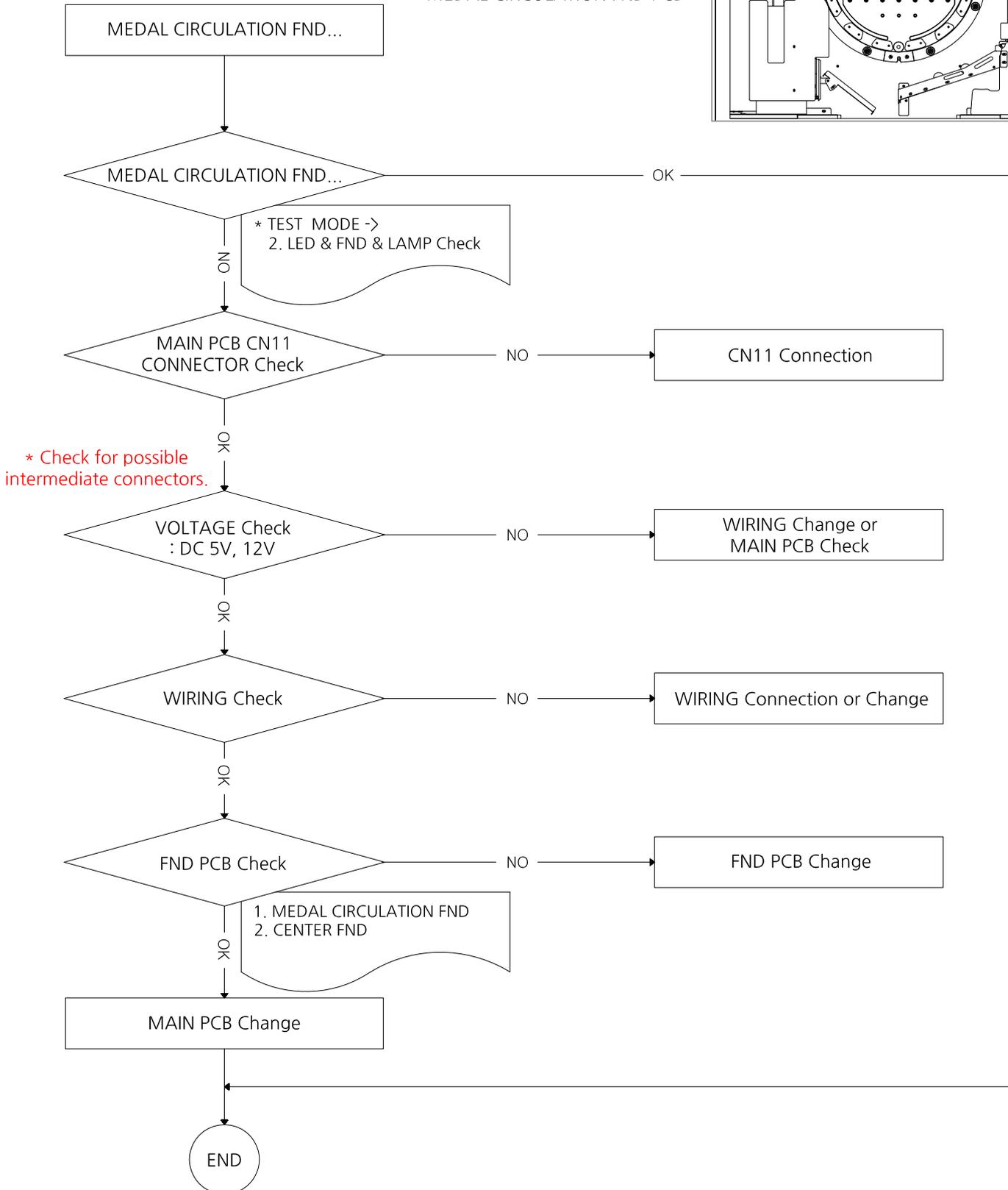
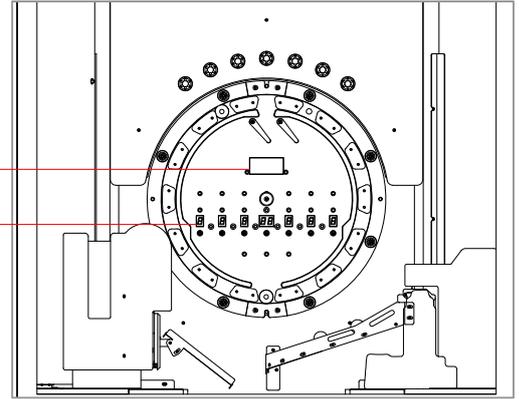
*Common: Check the input voltage, check wiring

1. IN CASE OF POWER FAILURE

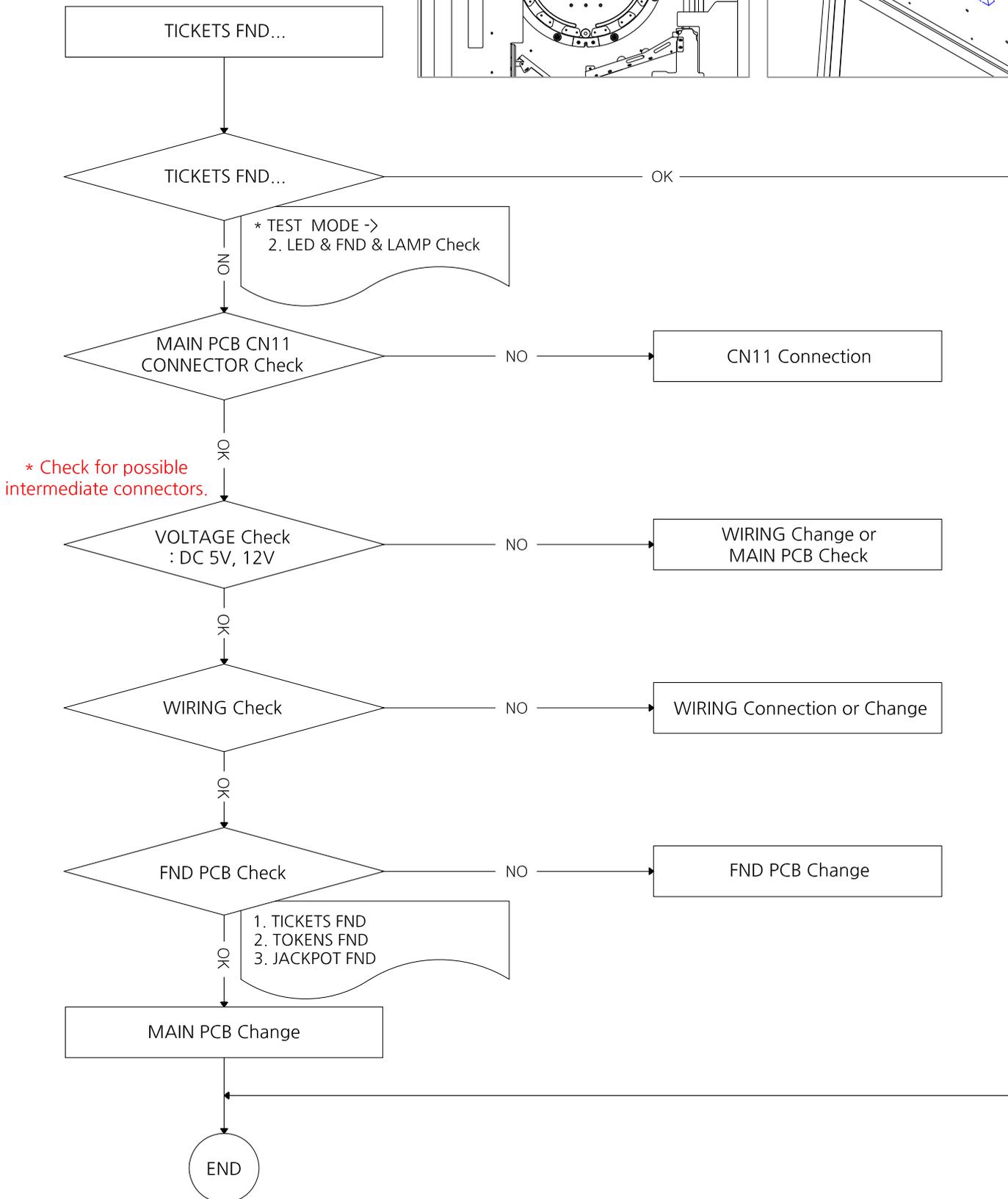
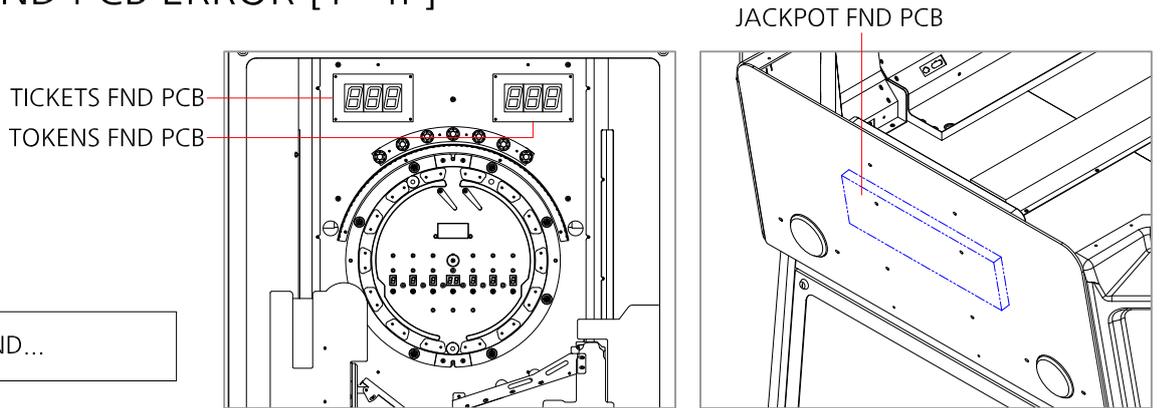




2. MEDAL CIRCULATION FND, CENTER FND PCB ERROR [1~4P]

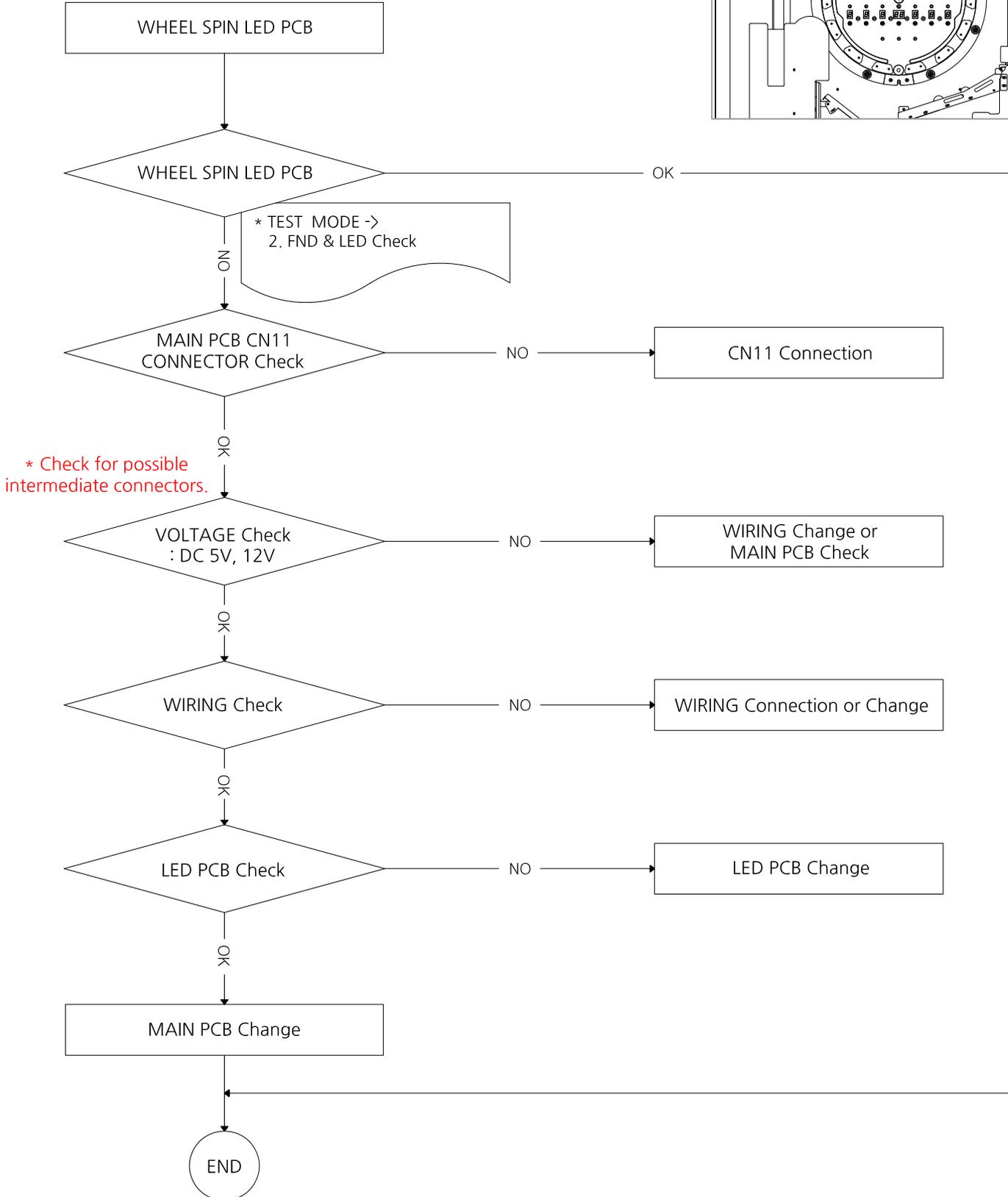
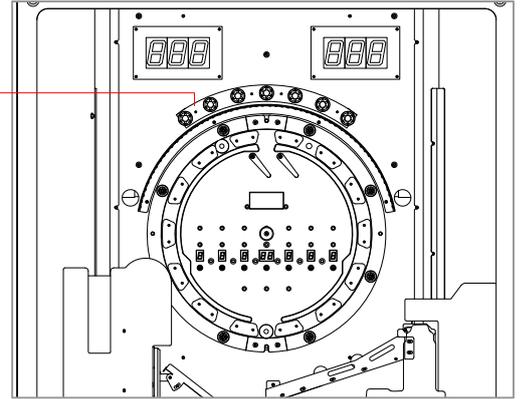


3. TICKETS, TOKENS, JACKPOT FND PCB ERROR [1~4P]

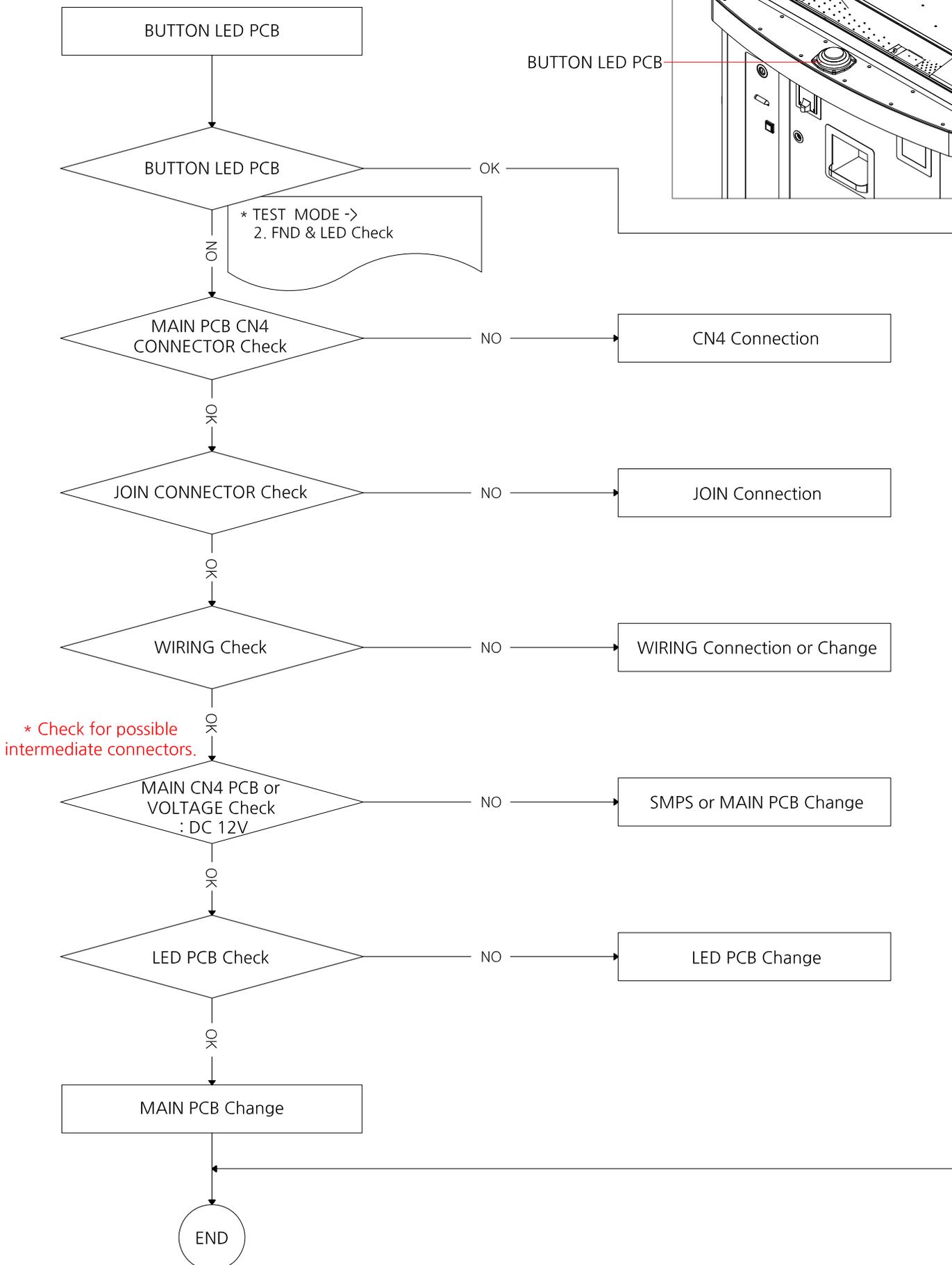


4. WHEEL SPIN LED PCB ERROR [1~4P]

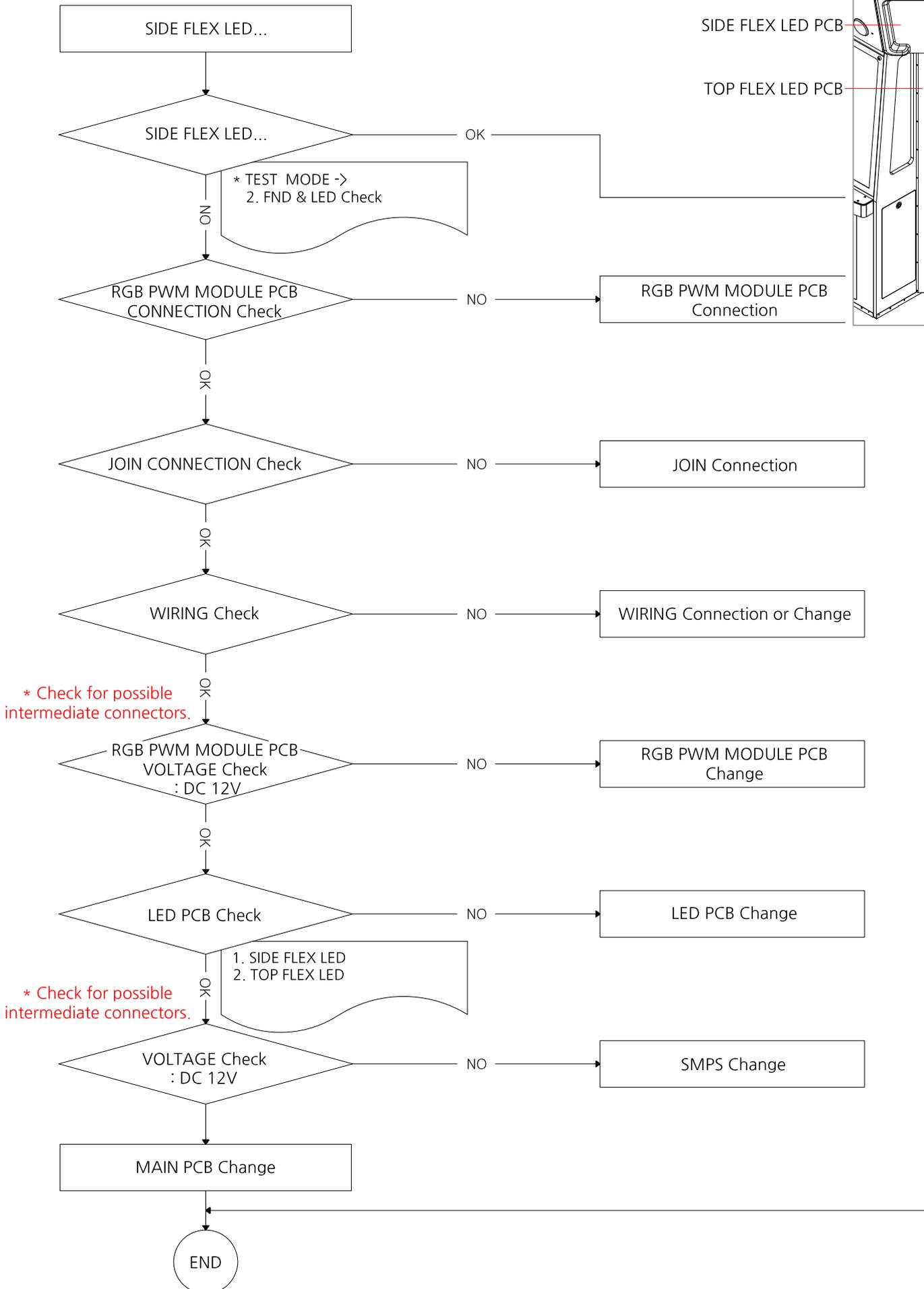
WHEEL SPIN LED PCB



5. BUTTON LED PCB ERROR [1~4P]



6. SIDE FLEX LED, TOP FLEX LED PCB ERROR [1~4P]



7. ARC FLEX LED, DOOR LED, TABLE LED, TOP LED ERROR [1~4P]

ARC FLEX LED

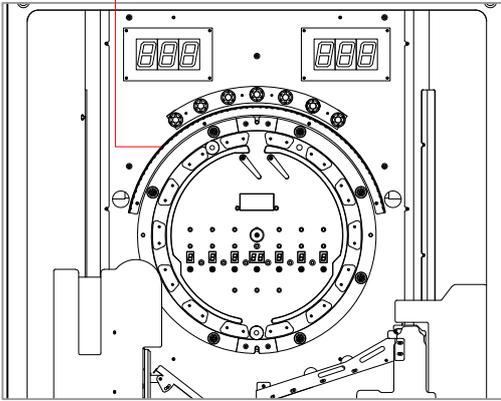
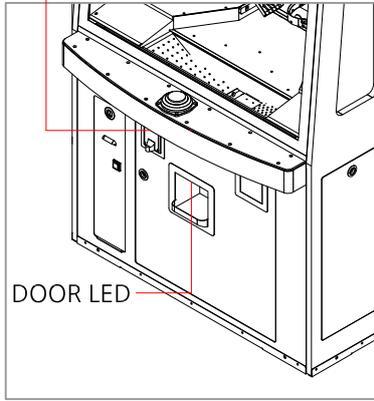
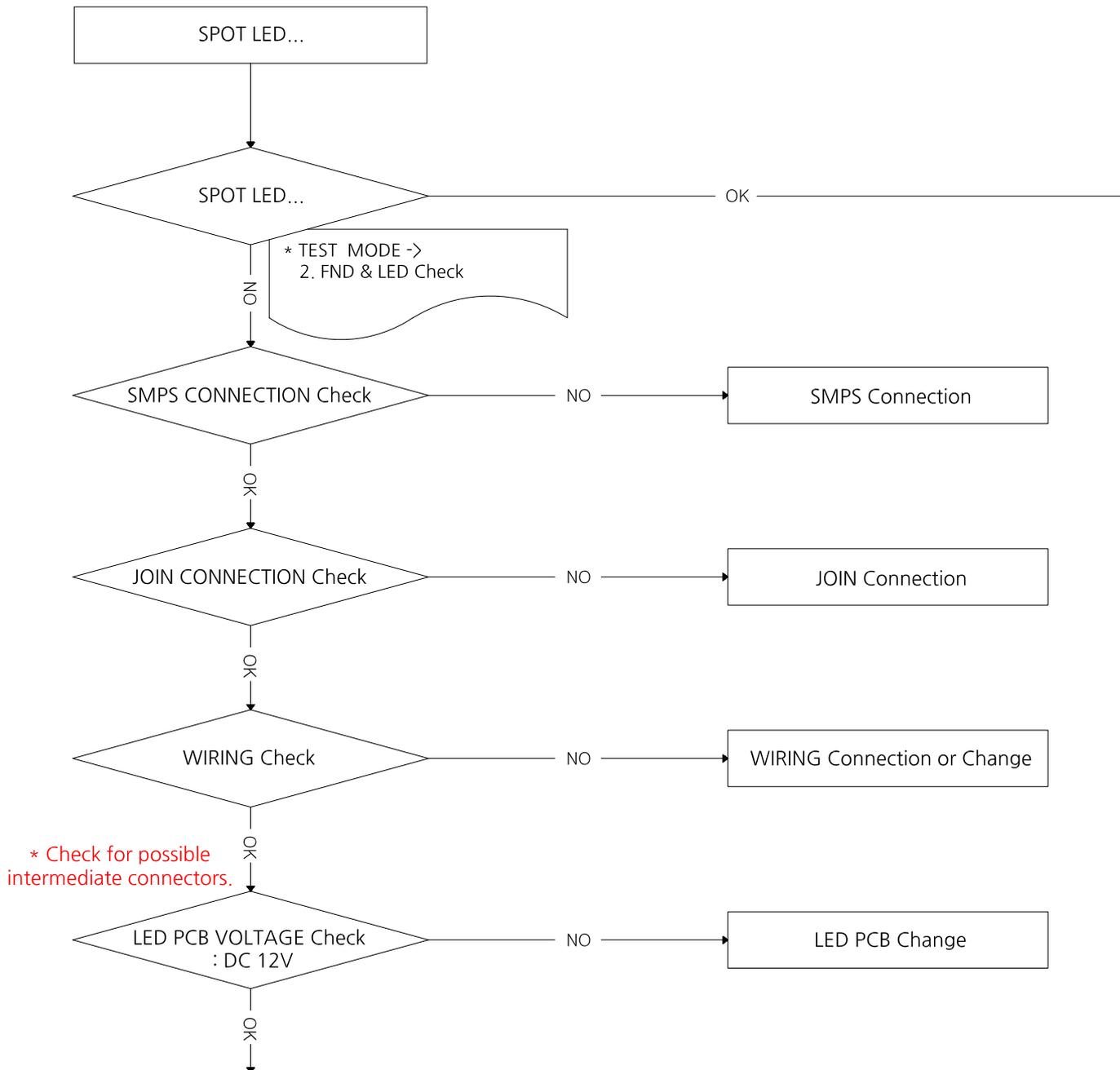
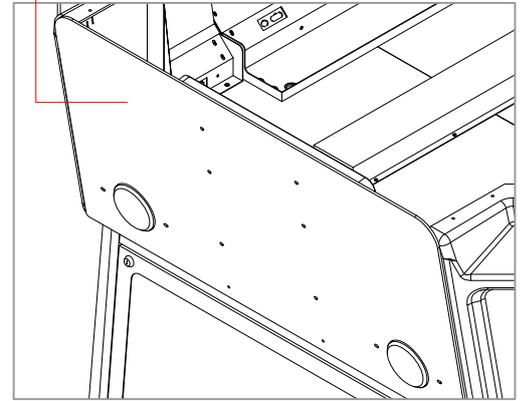


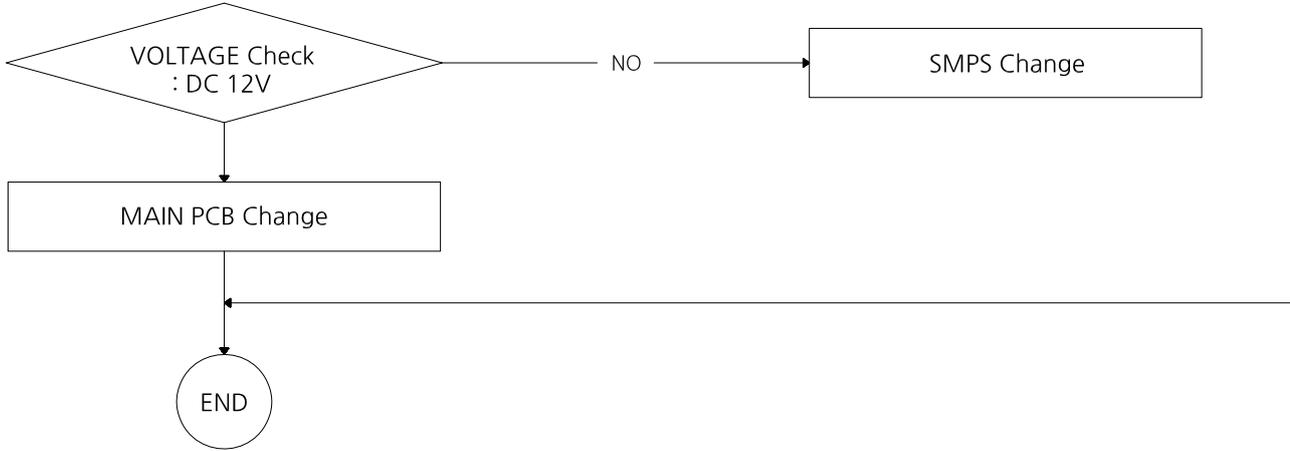
TABLE LED



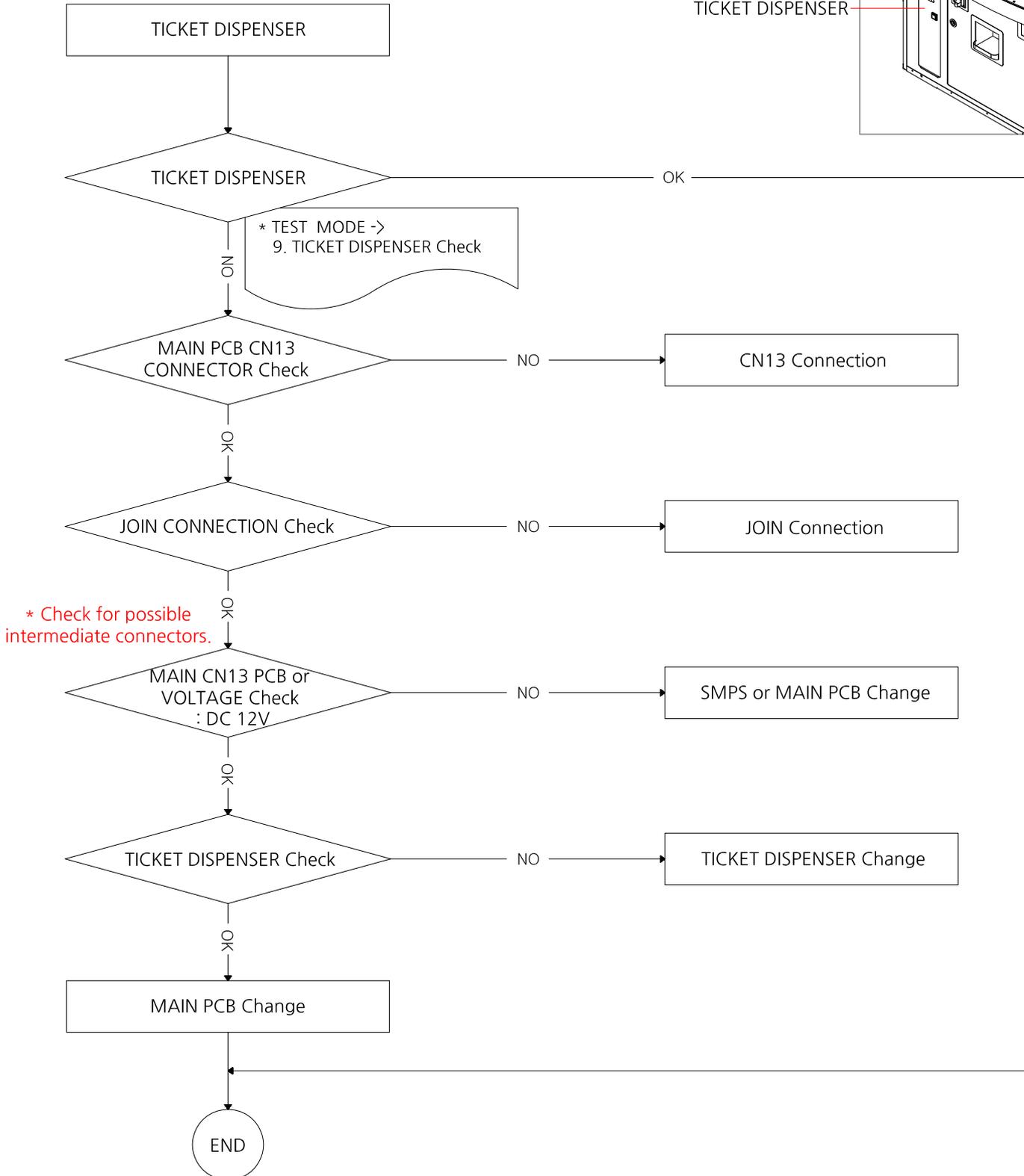
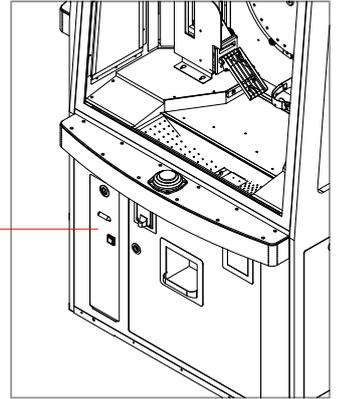
TOP LED



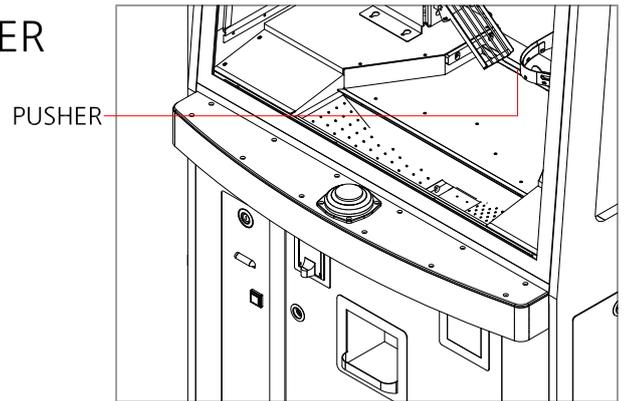
* Check for possible intermediate connectors.



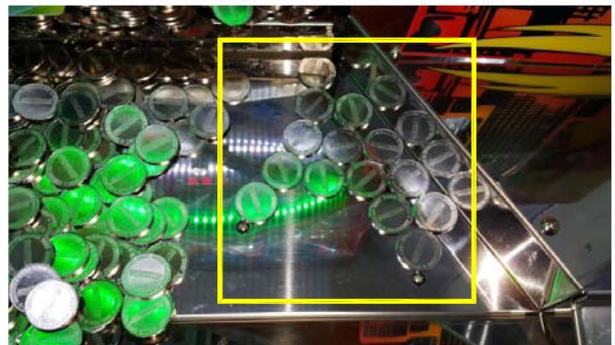
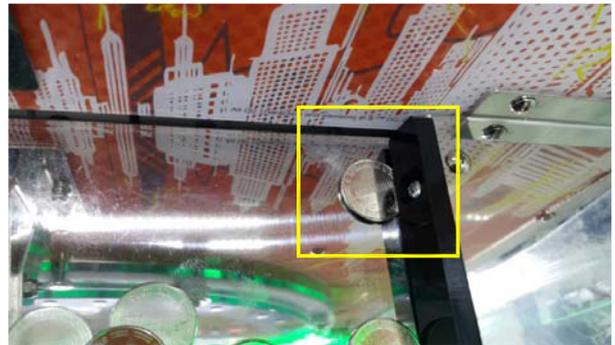
8. TICKET DISPENSER ERROR [1~4P]



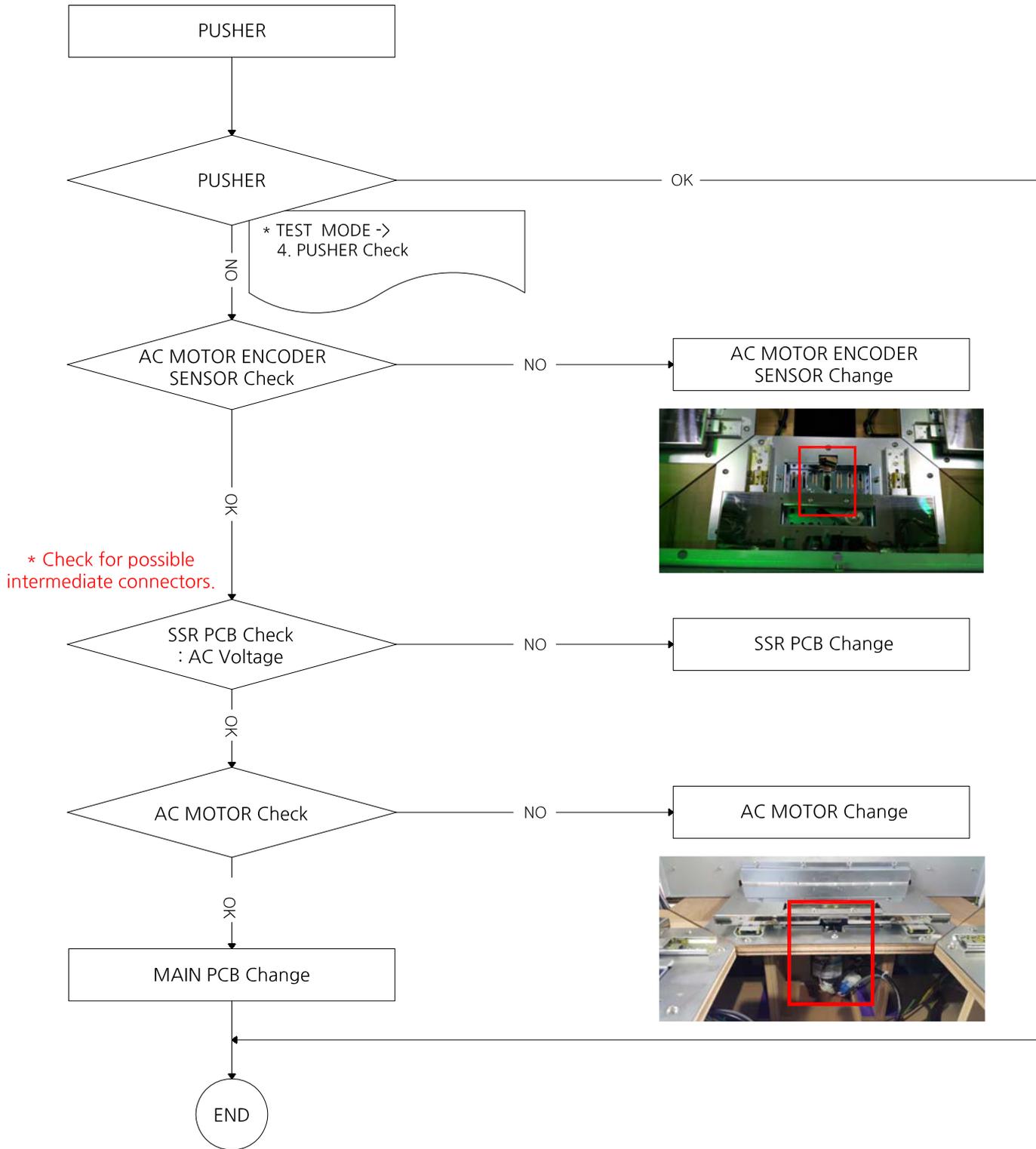
9. IN CASE OF MALFUNCTION OF PUSHER [1~4P] - ERROR 04



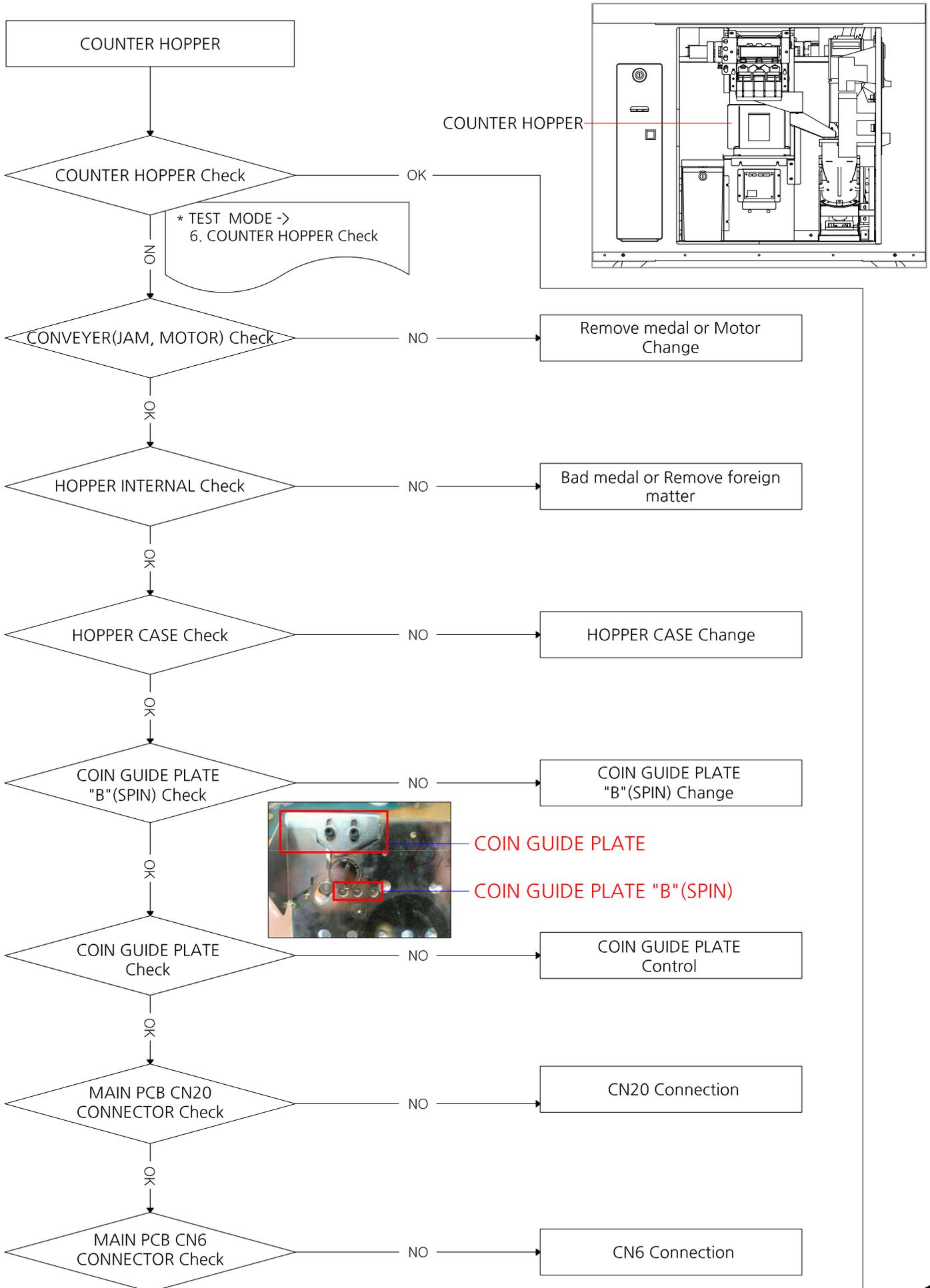
* CAUSE - COIN REMOVAL

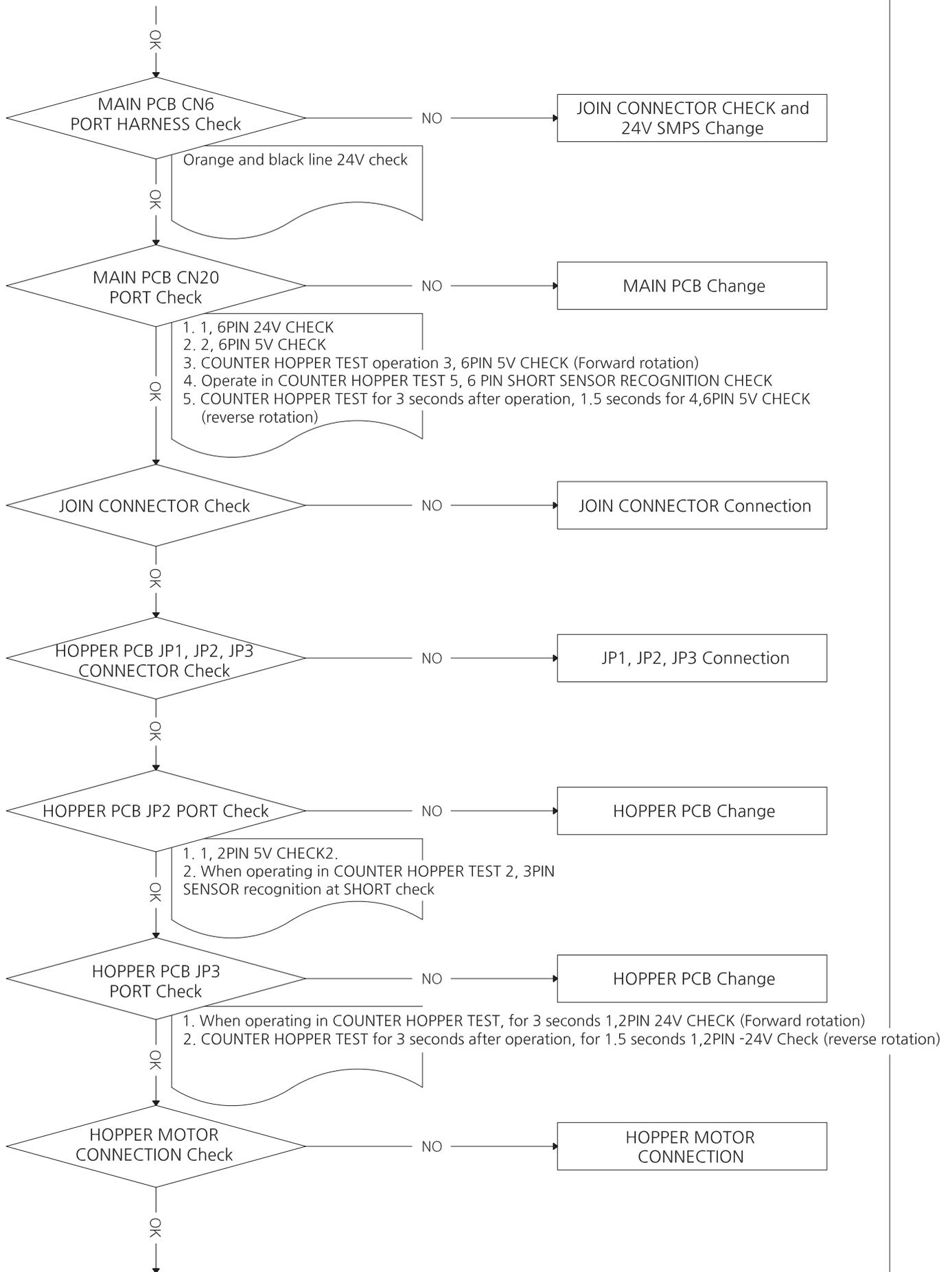


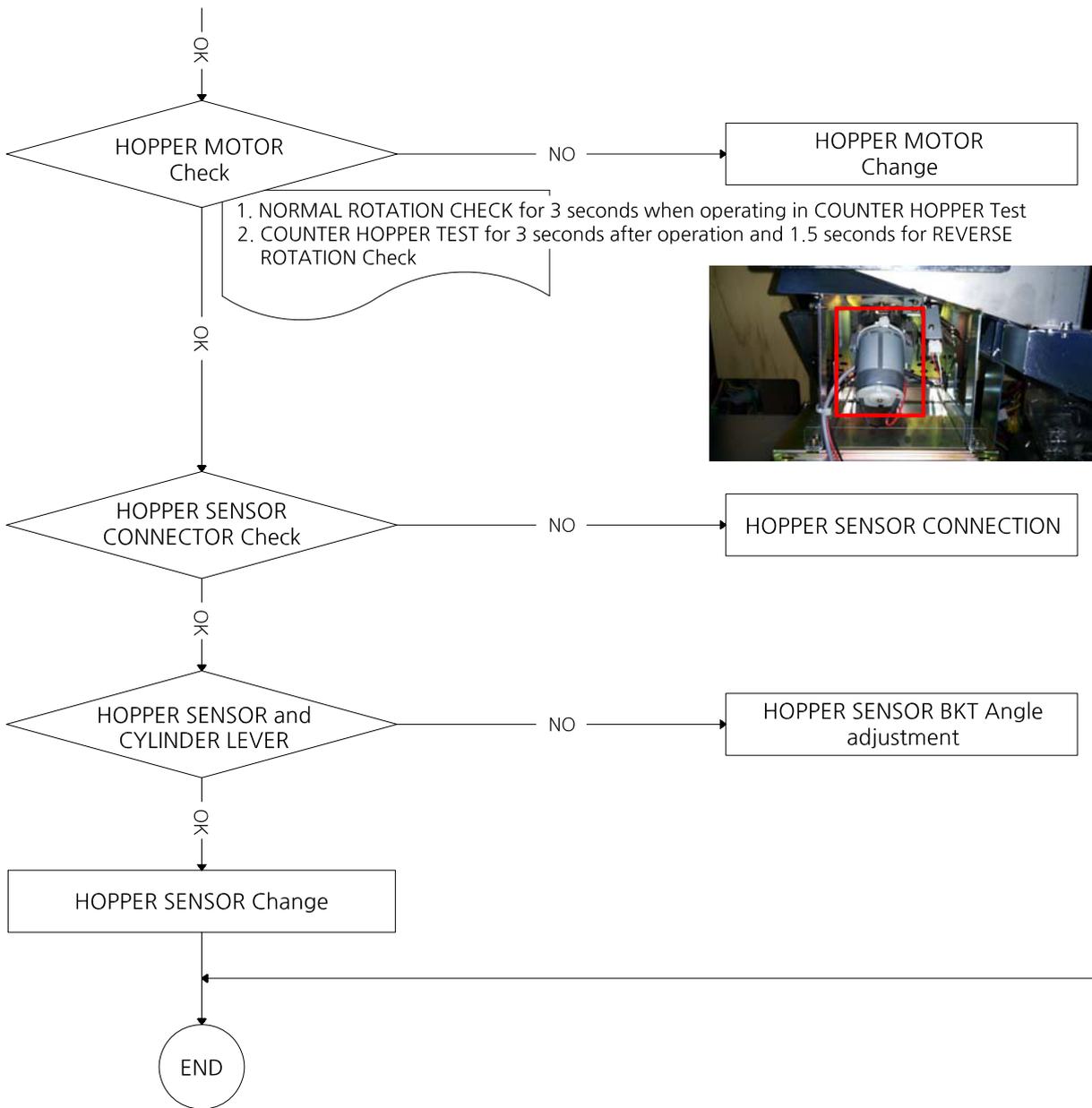
* If the error can not be cleared by resetting, unfold a coin of the screw of the PUSHER Plate and press the reset button.



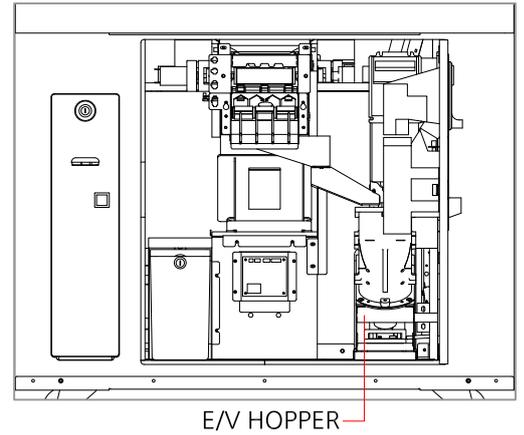
10. COUNTER HOPPER ERROR [1~4P] - ERROR 05



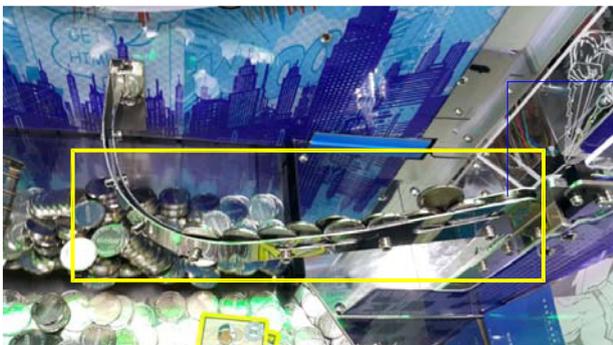




11. ELEVATOR HOPPER ERROR [1~4P] - ERROR 06



* CAUSE - COIN REMOVAL



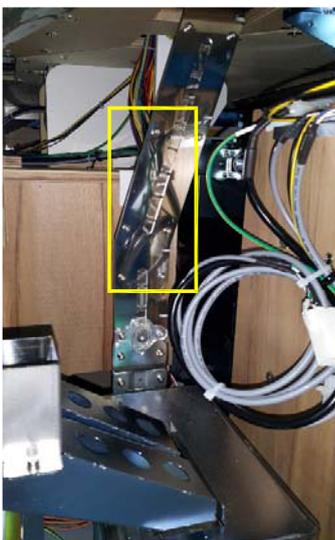
BONUS RAIL

: IF YOU BONUS RAIL IS FULL OF COINS,
REMOVE IT AND START OPERATION.

* CAUSE - LACK OF COIN or COIN JAM

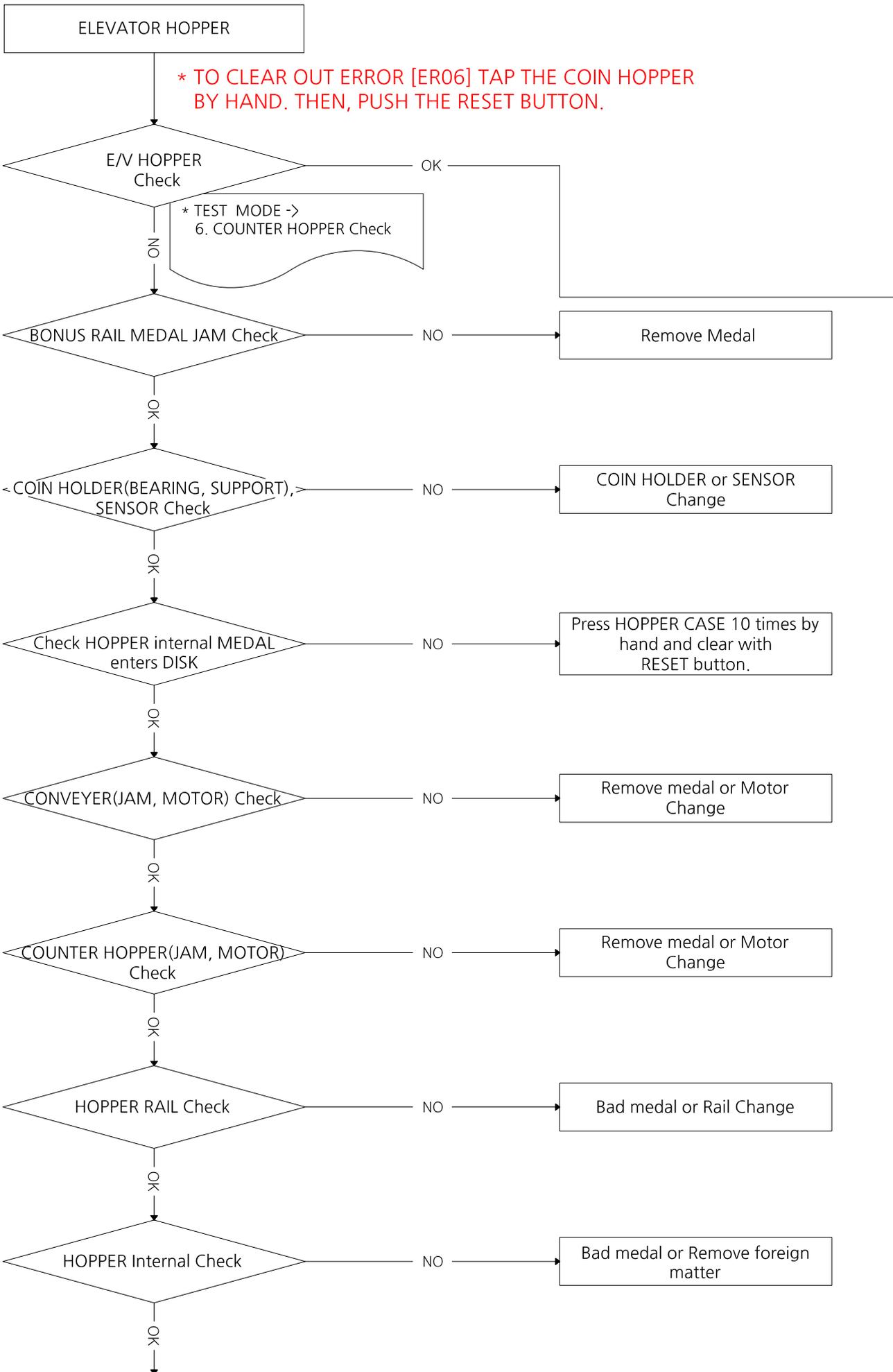


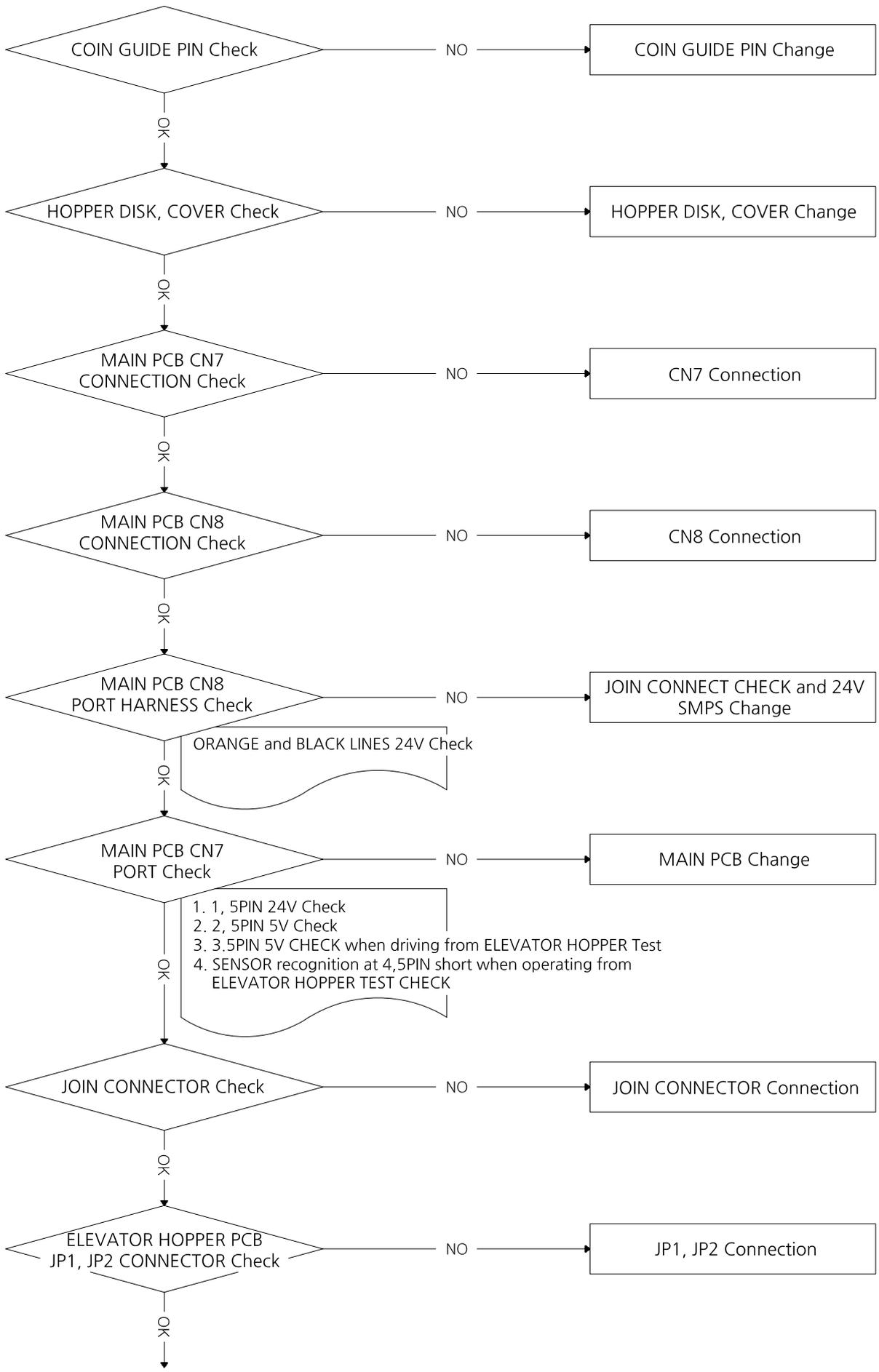
* CAUSE - ELEVATOR RAIL COIN JAM

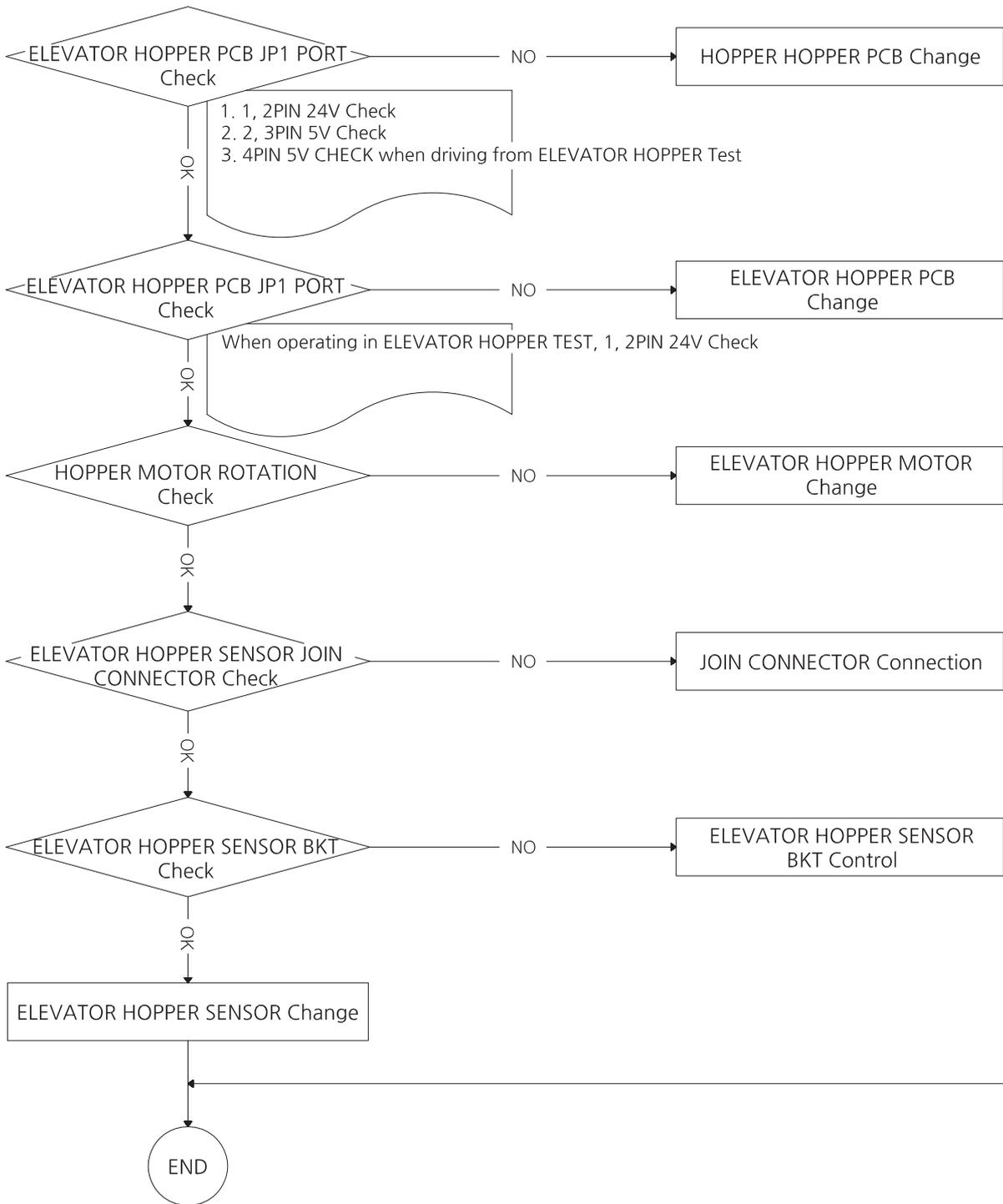


* CAUSE - COIN OUT SENSOR



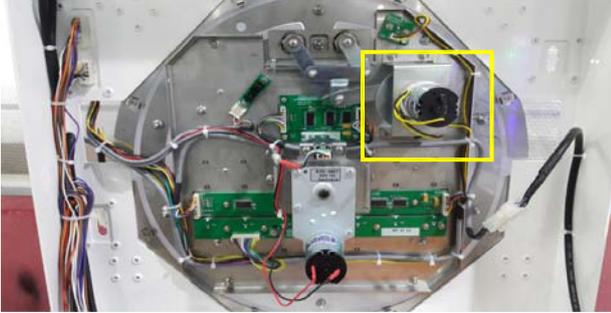




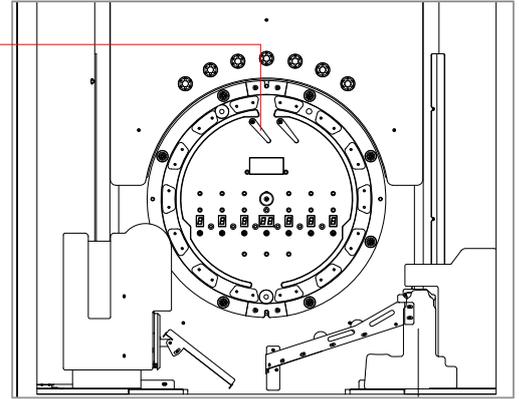


12. CIRCULATION WIPER ERROR [1~4P] - ERROR 07

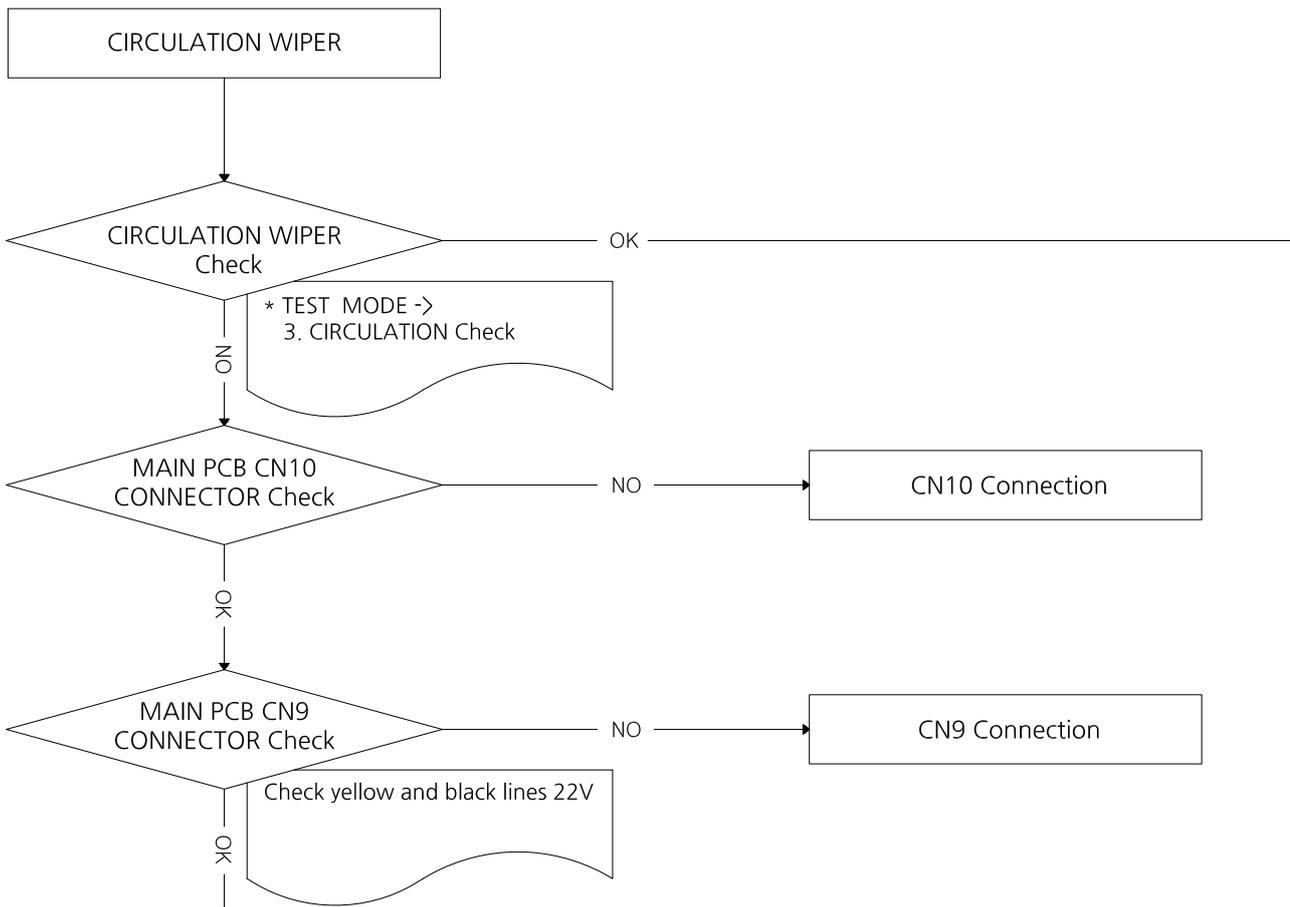
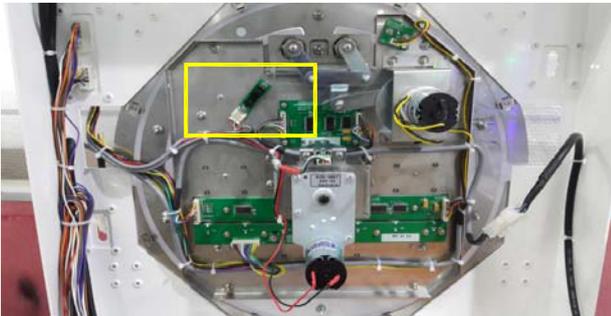
* CAUSE - CIRCULATION WIPER MOTOR

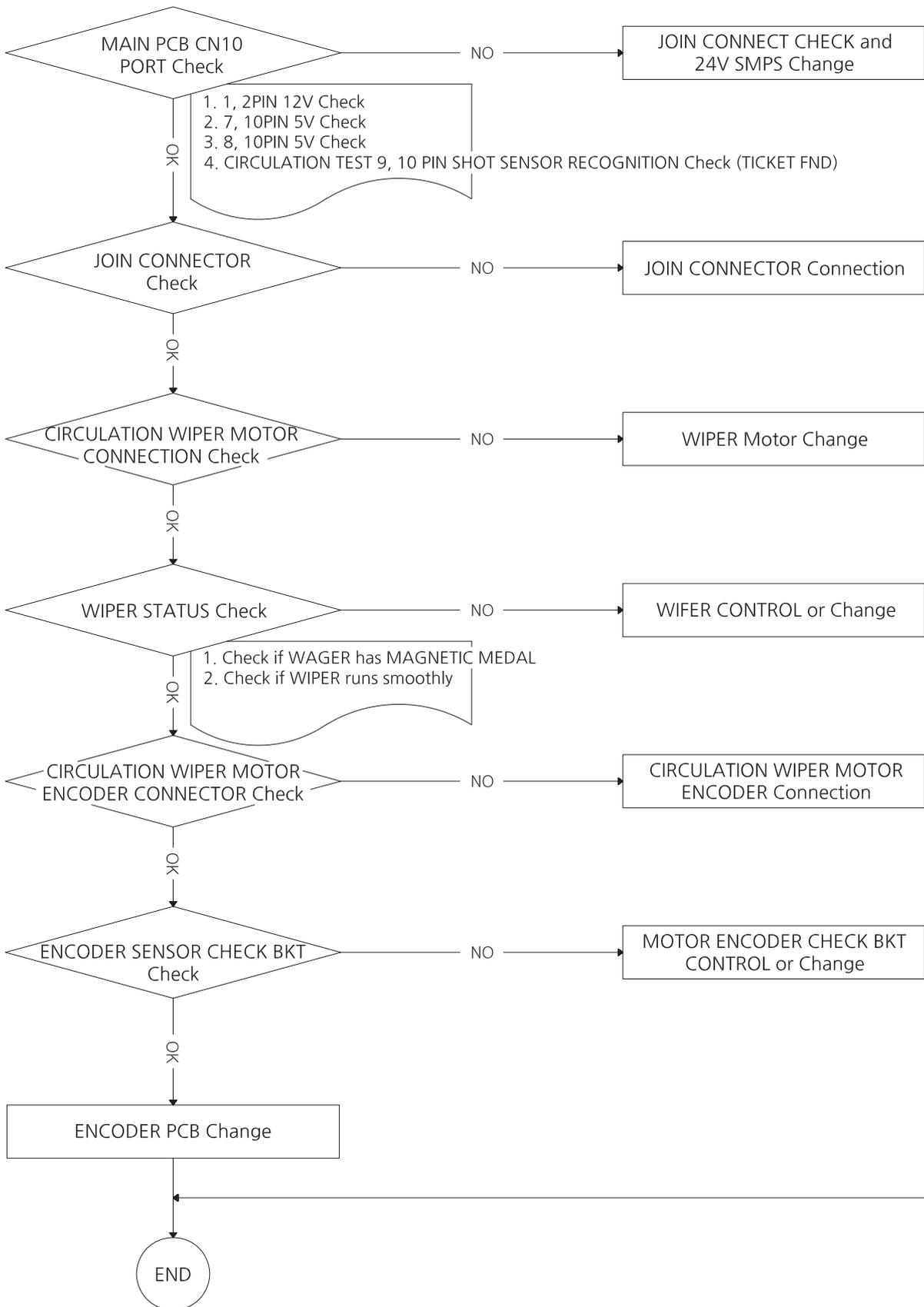


CIRCULATION WIPER



* CAUSE - CIRCULATION WIPER SNEOSR



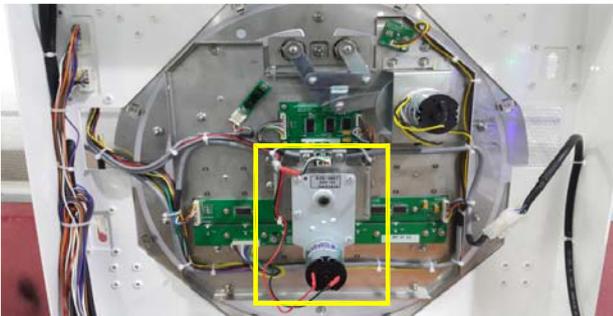


13. CIRCULATION ENCODER SENSOR ERROR [1~4P] - ERROR 09

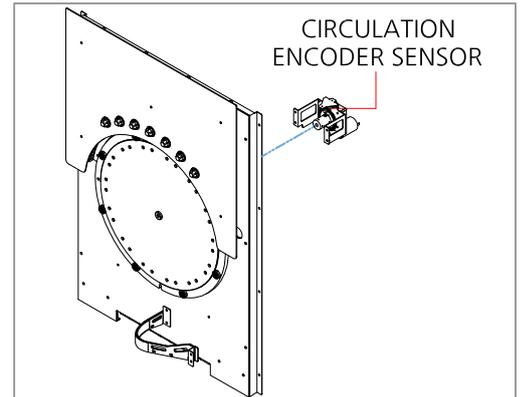
* CAUSE - COIN JAM

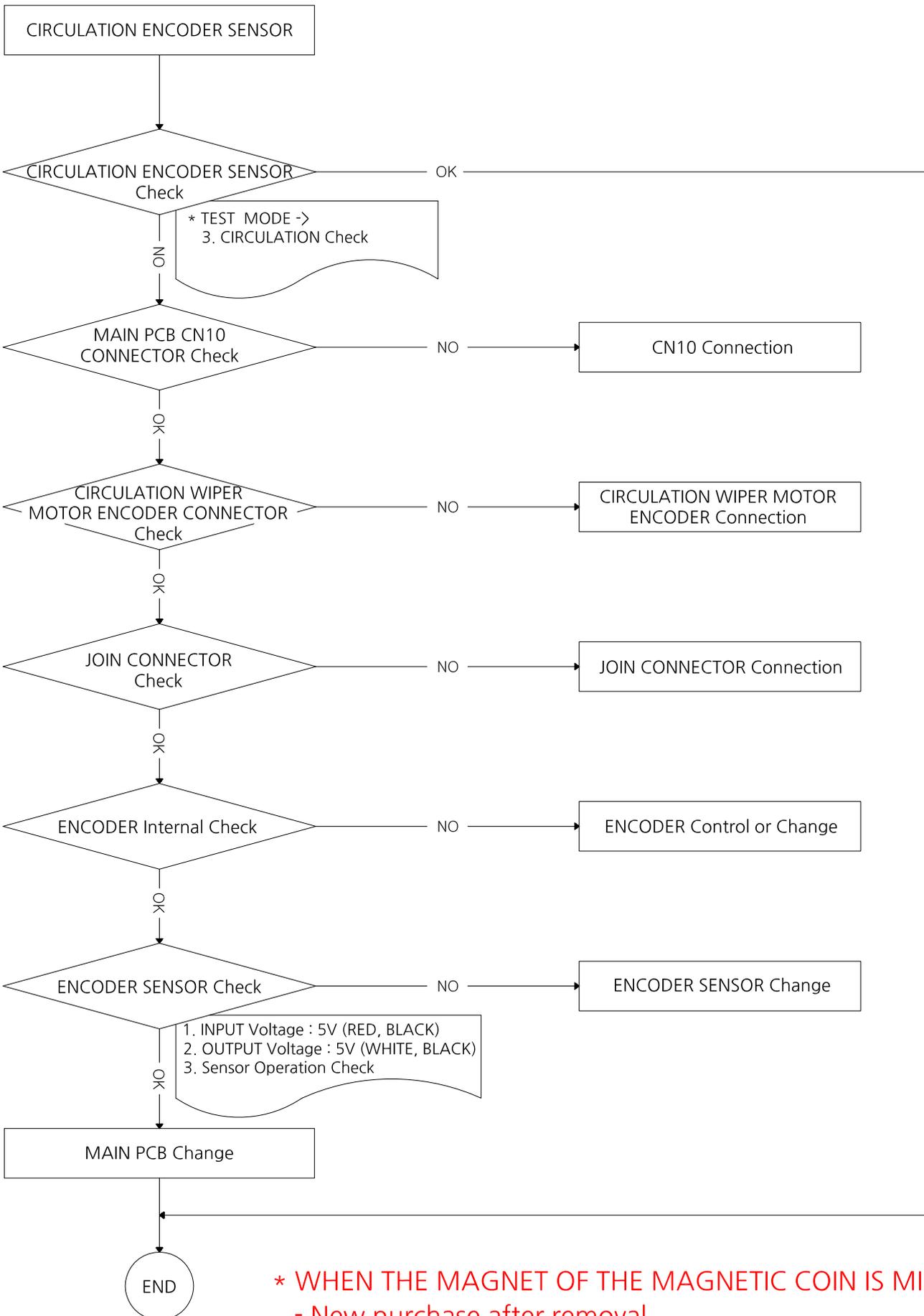


* CAUSE - CIRCULATION MOTOR



* CAUSE - CIRCULATION SENSOR

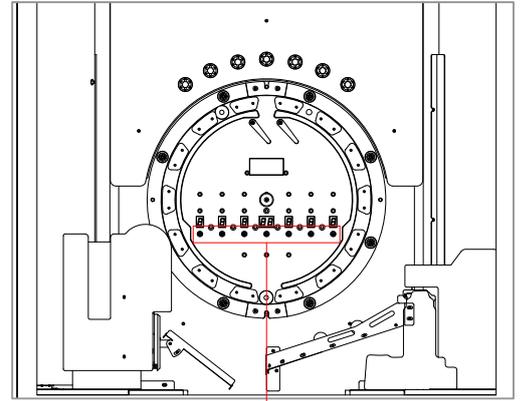
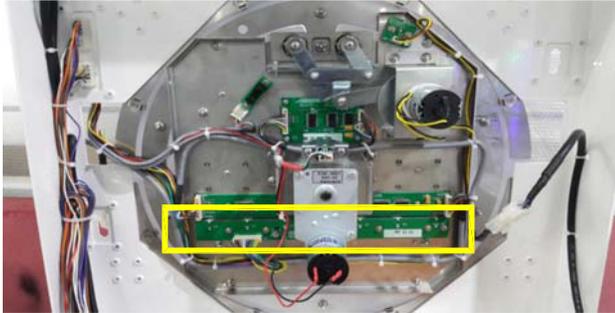




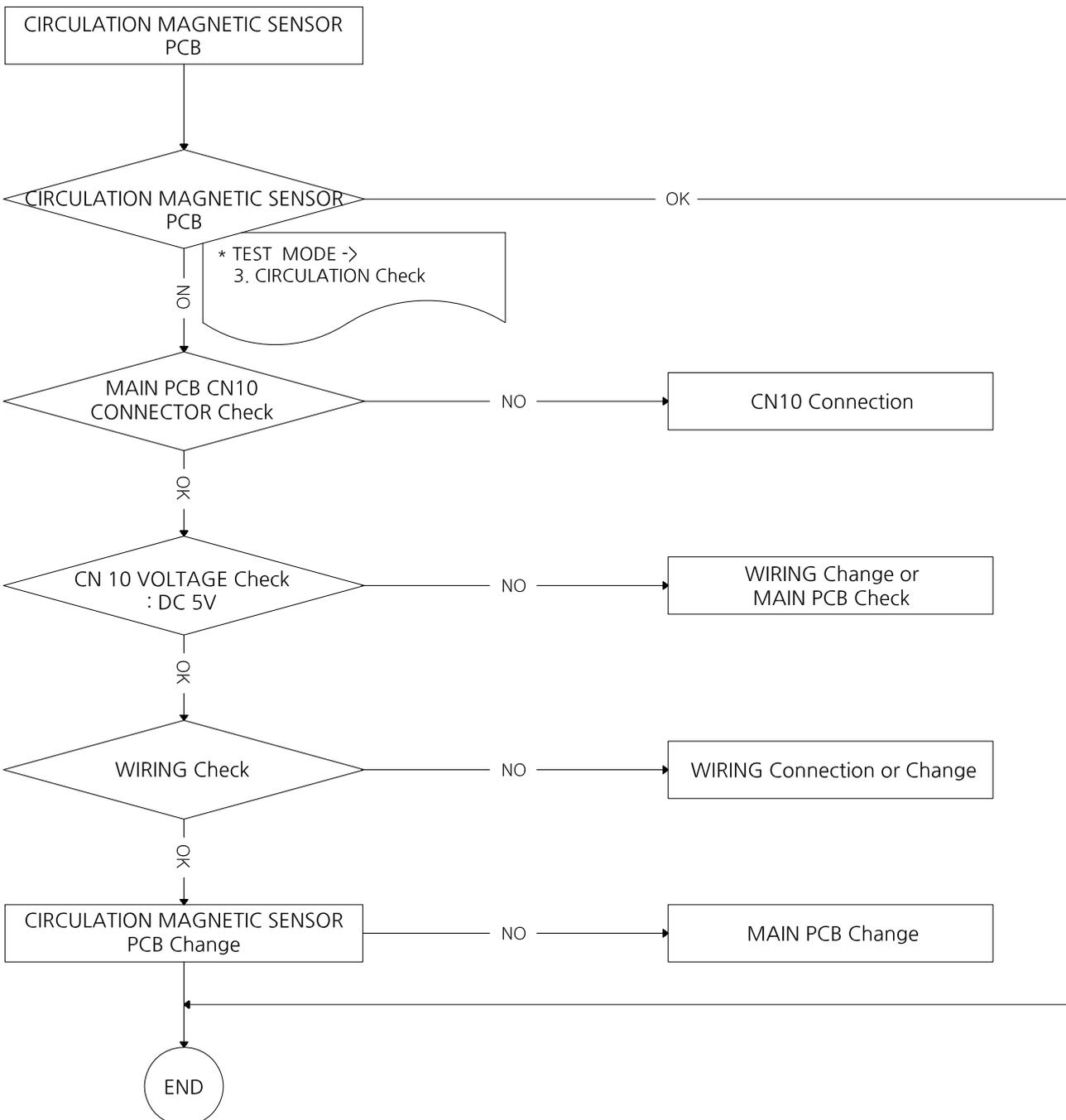
14. CIRCULATION MAGNETIC SENSOR PCB ERROR [1~4P] - ERROR 10

(MEDAL CIRCULATION CHECK-A PCB ASS'Y)

* CAUSE - MAGNETIC SENSOR PCB



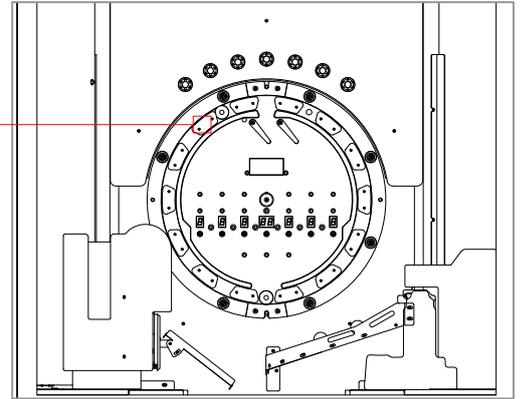
CIRCULATION MEDAL CHECK AREA [A]



15. CIRCULATION ERROR [1~4P] - ERROR 03

(MEDAL CIRCULATION CHECK-B PCB ASS'Y)

CIRCULATION MEDAL CHECK AREA [B]



* CAUSE - MEDAL 8ea JAM



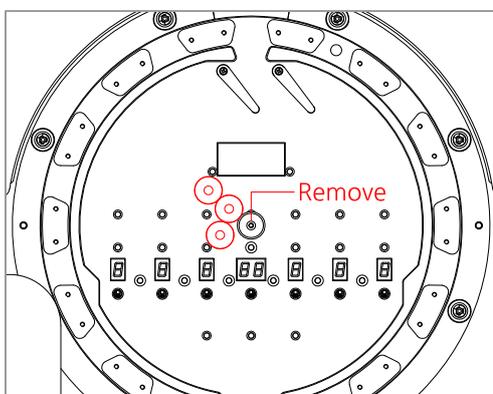
- Disable using magnet
- Tap and release
- Move down

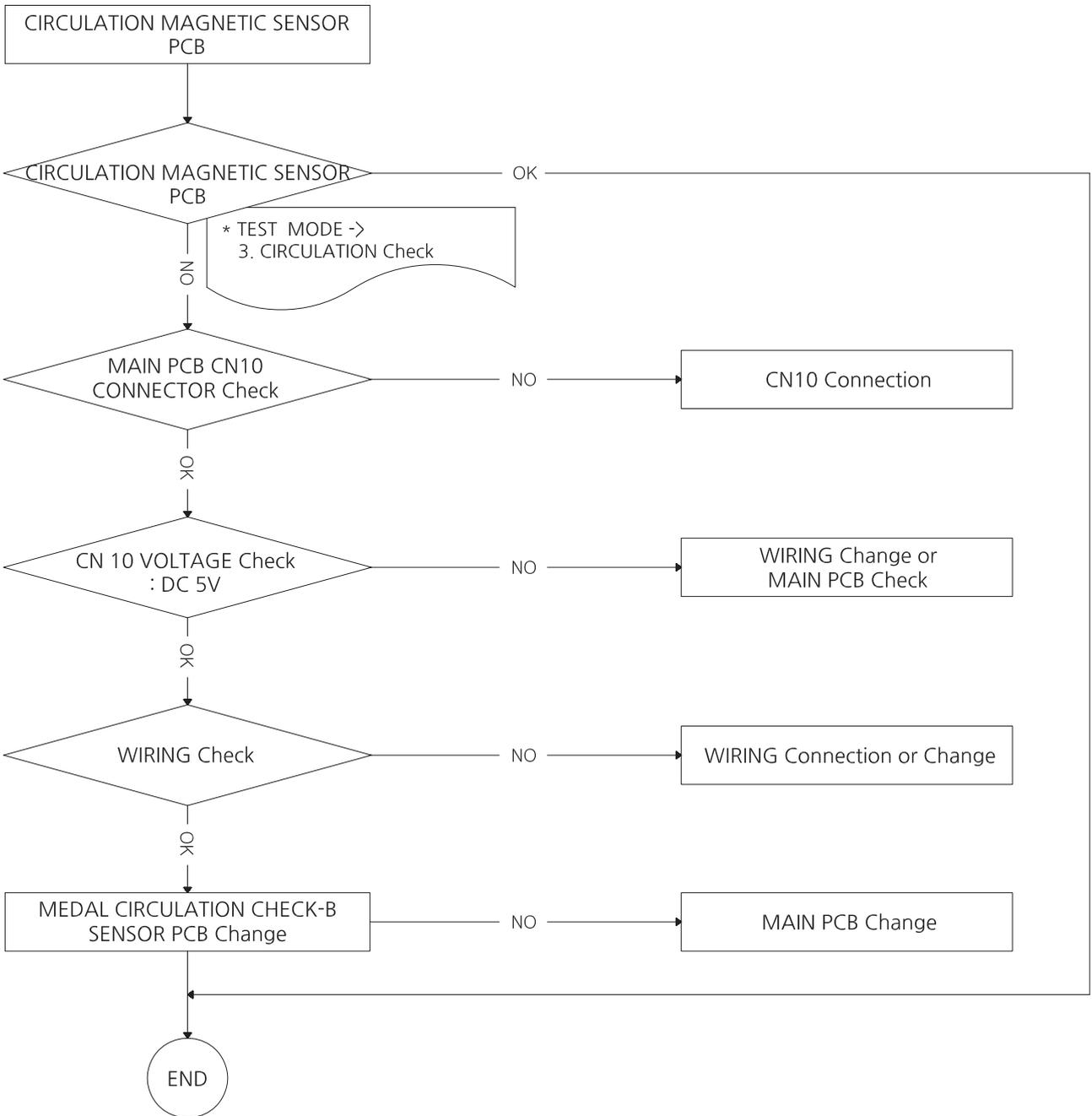
* CAUSE - CIRCULATION SENSOR



* IF THE COIN IS PARTIALLY CAUGHT

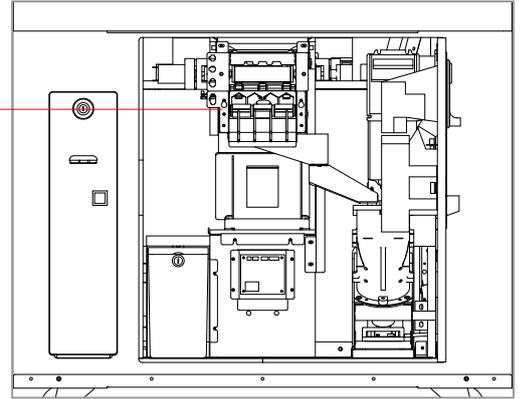
- Remove the RING GUIDE by tapping it after removing it





16. CONVEYER ERROR [1~4P] - ERROR 08

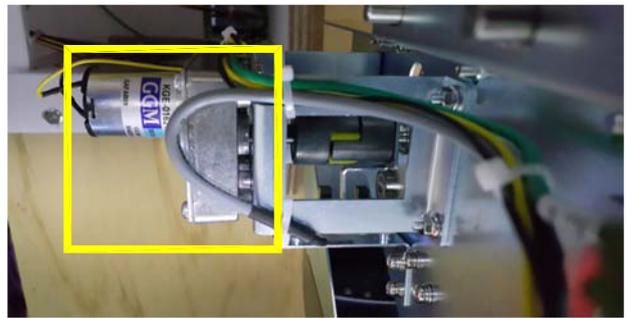
CONVEYOR



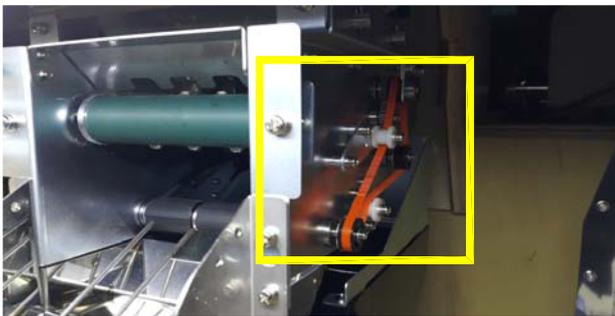
* CAUSE - COIN JAM



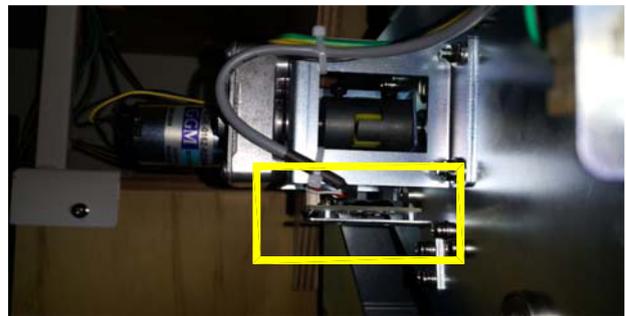
* CAUSE - CONVEYER MOTOR



* CAUSE - CONVEYER BELT

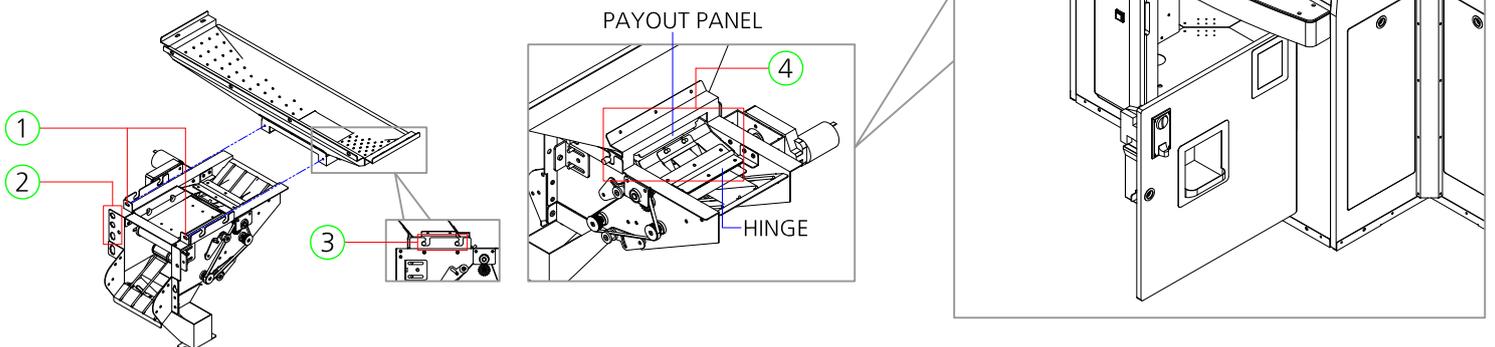


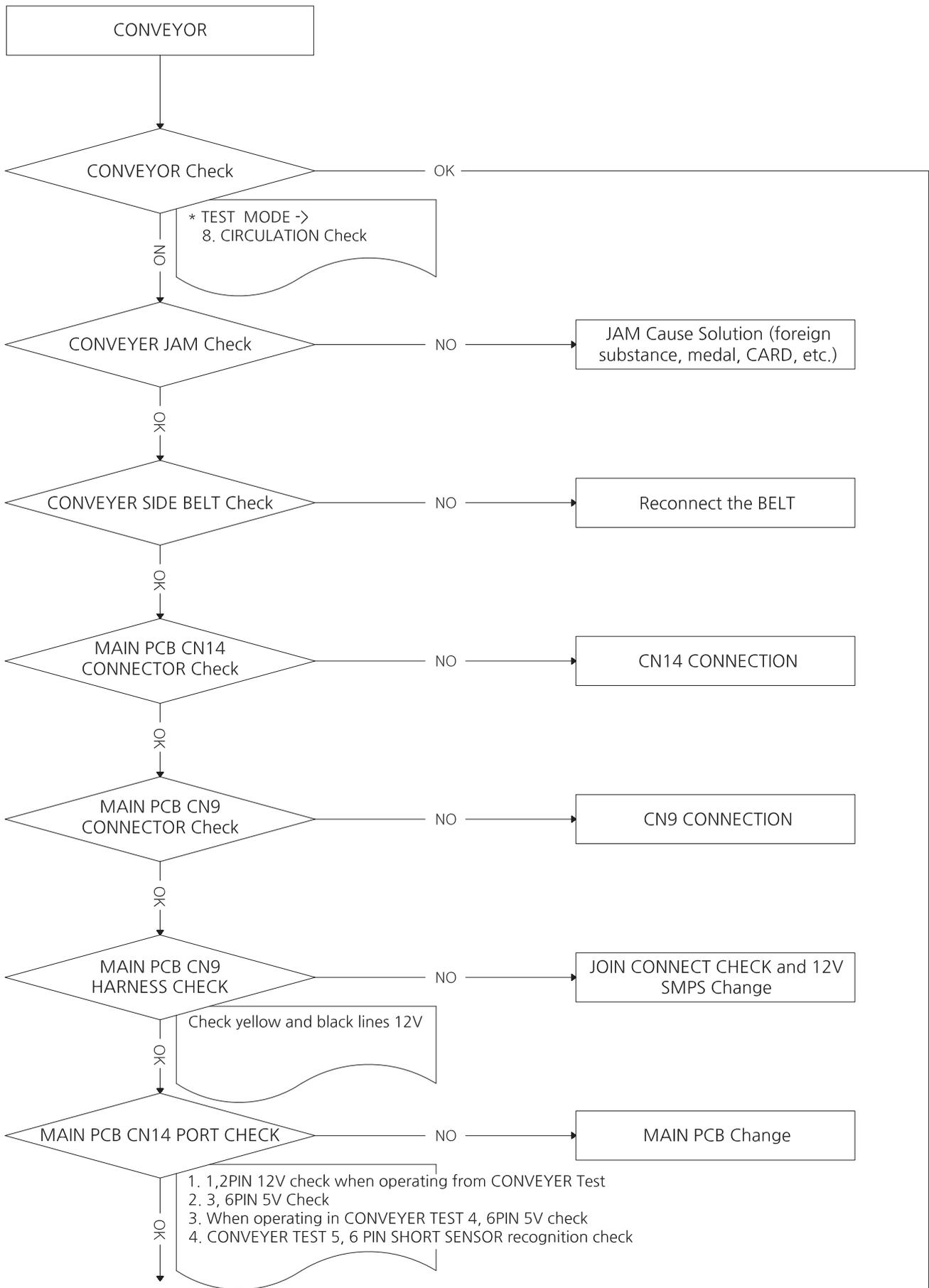
* CAUSE - CONVEYER SENSOR

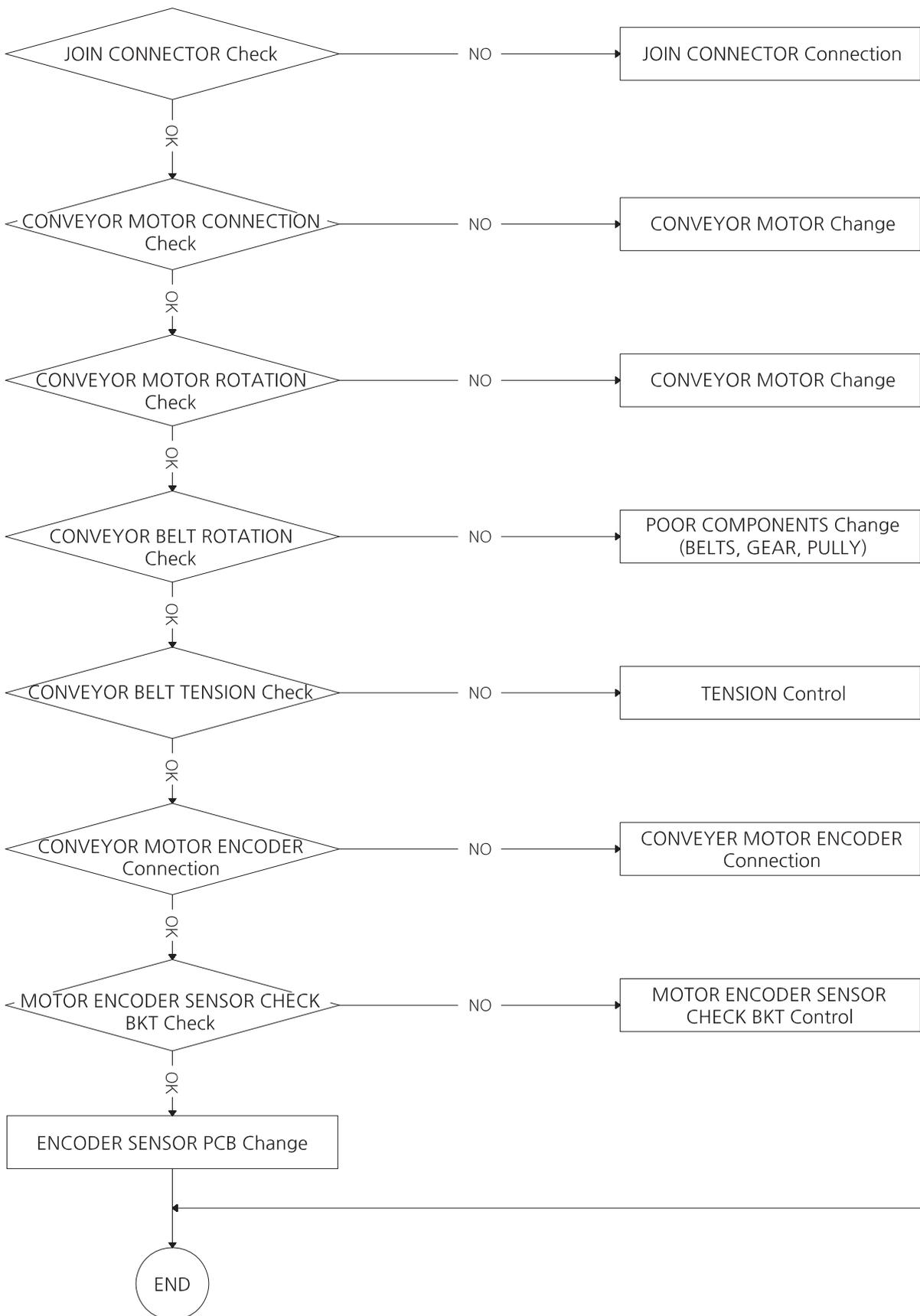


* HOW TO DISASSEMBLE CONVEYOR

- ① Removing screw 2EA
 - ② Separation of wiring 3EA
 - ③ Pull out the conveyor from the side 4EA shaft
 - ④ Assemble hinge to top of PAYOUT PANEL when reassembling.
- Reassemble them in reverse order





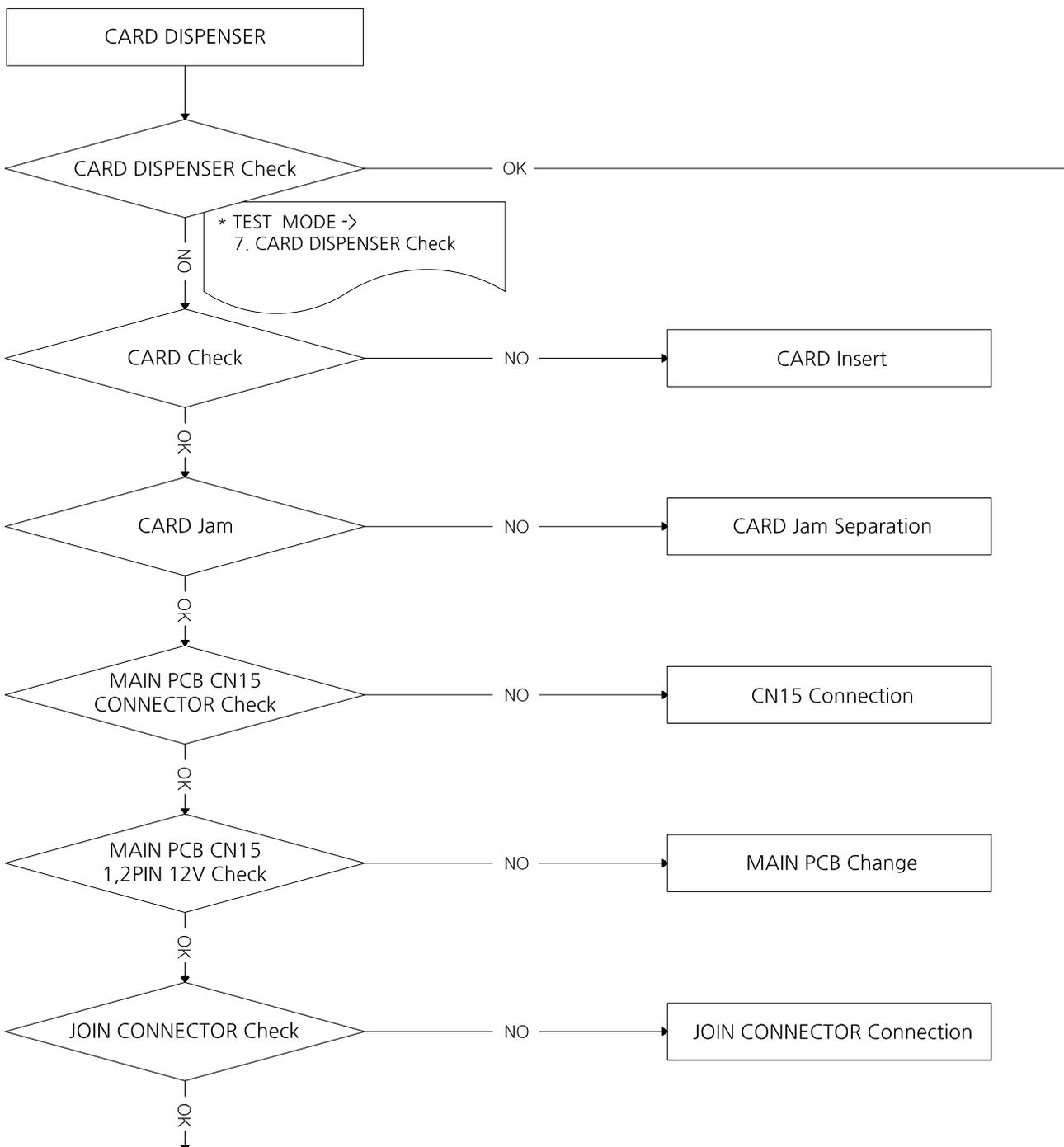
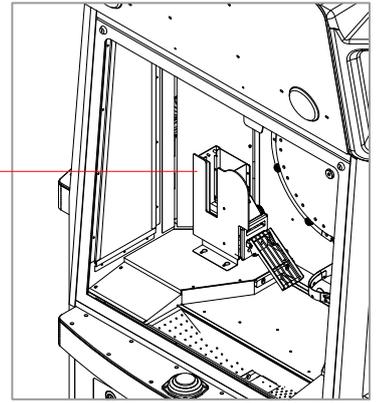


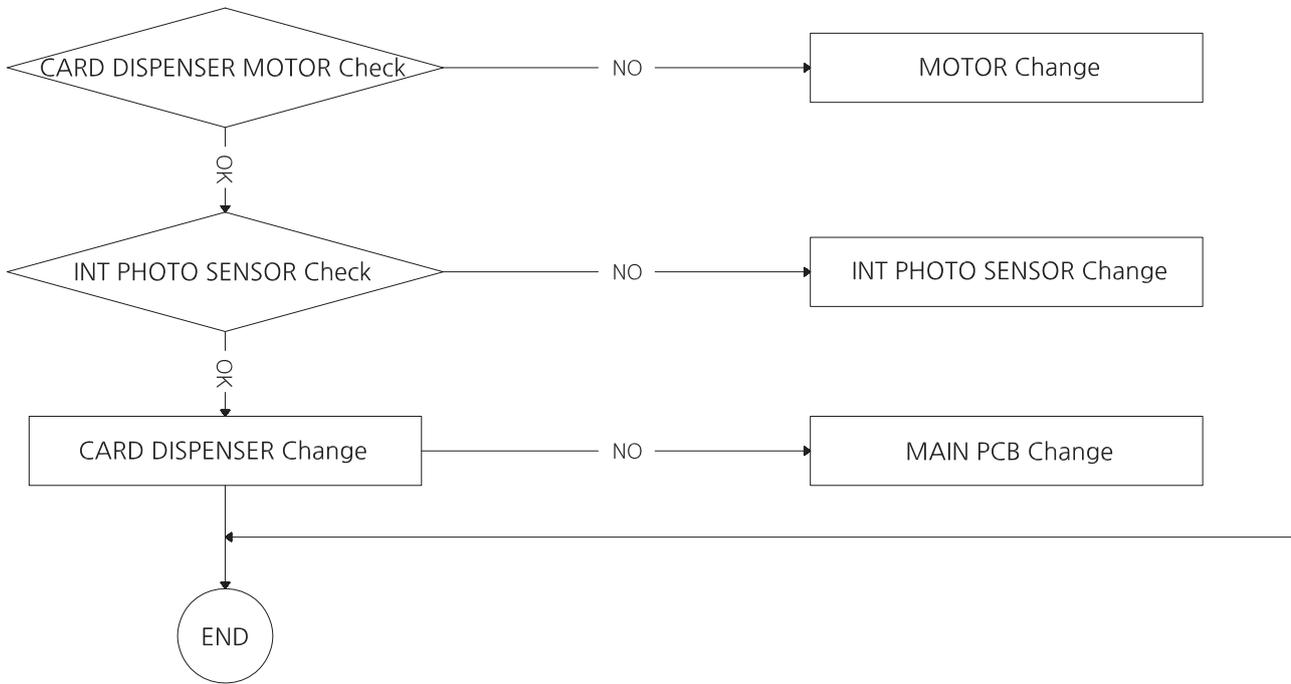
17. CARD DISPENSER ERROR [1~4P] - ERROR 11

* CAUSE - CARD JAM or EMPTY

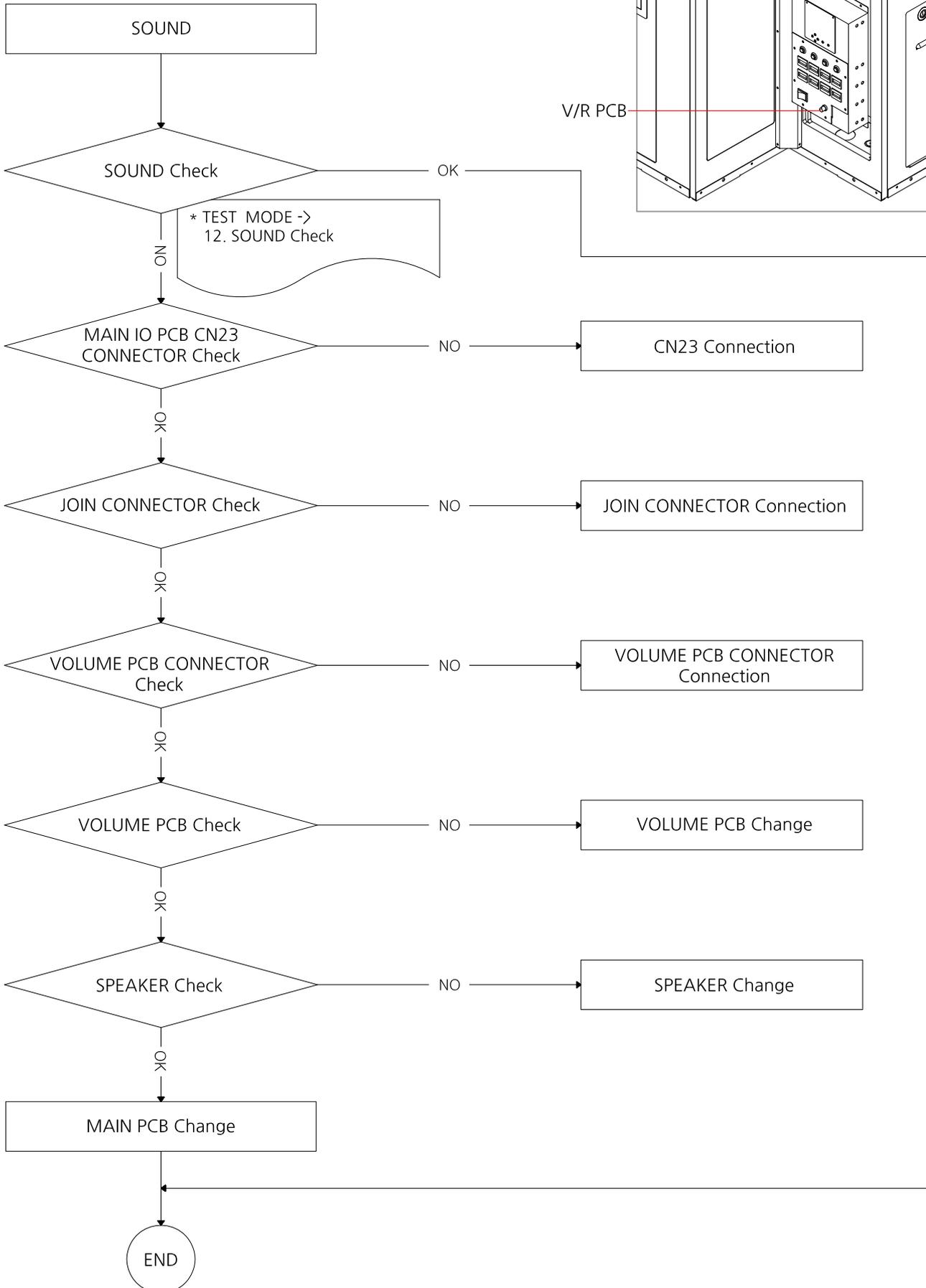


CARD DISPENSER

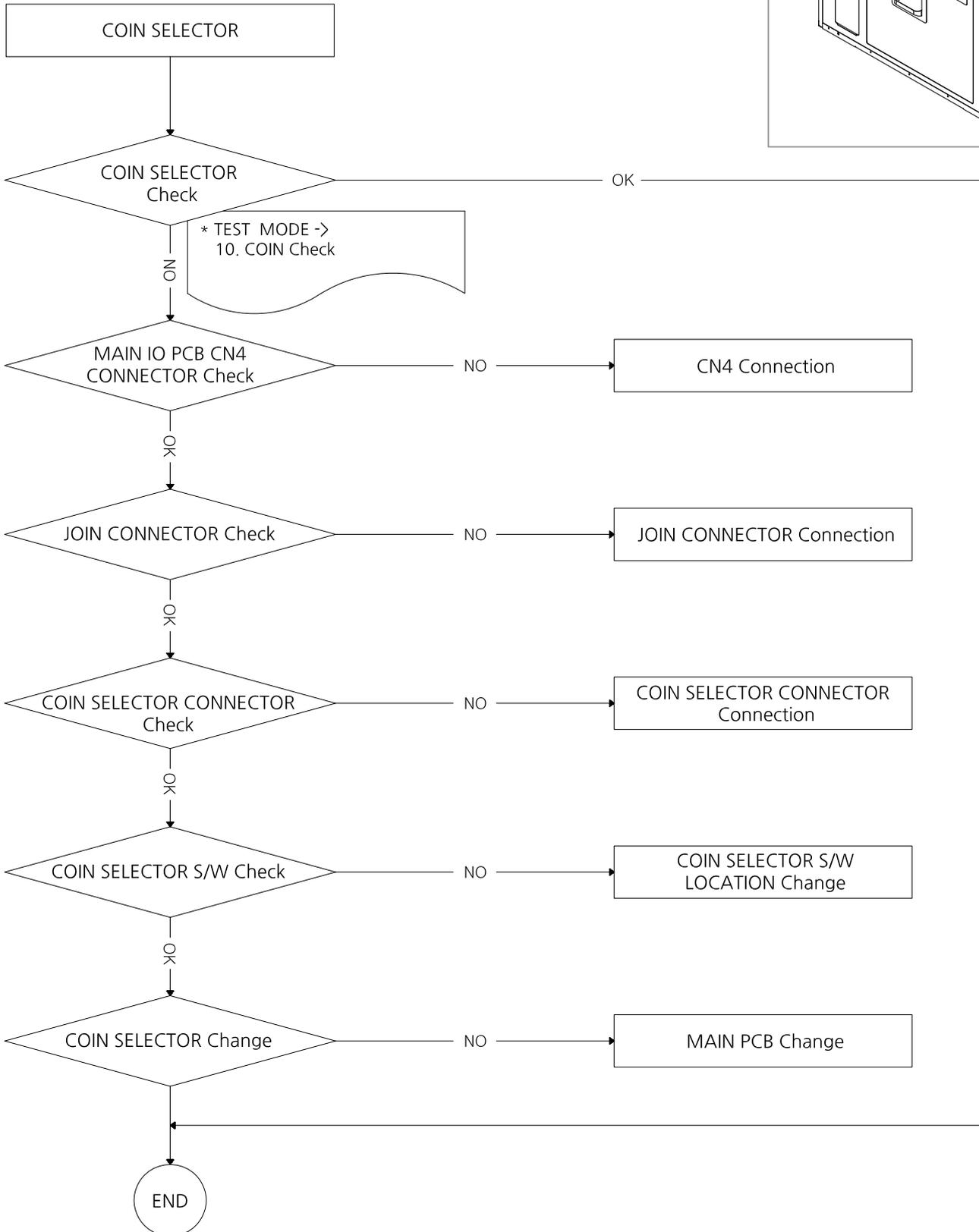
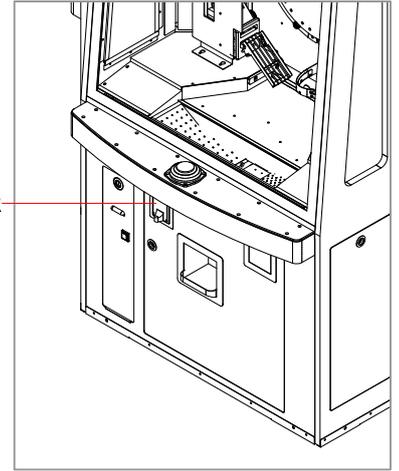




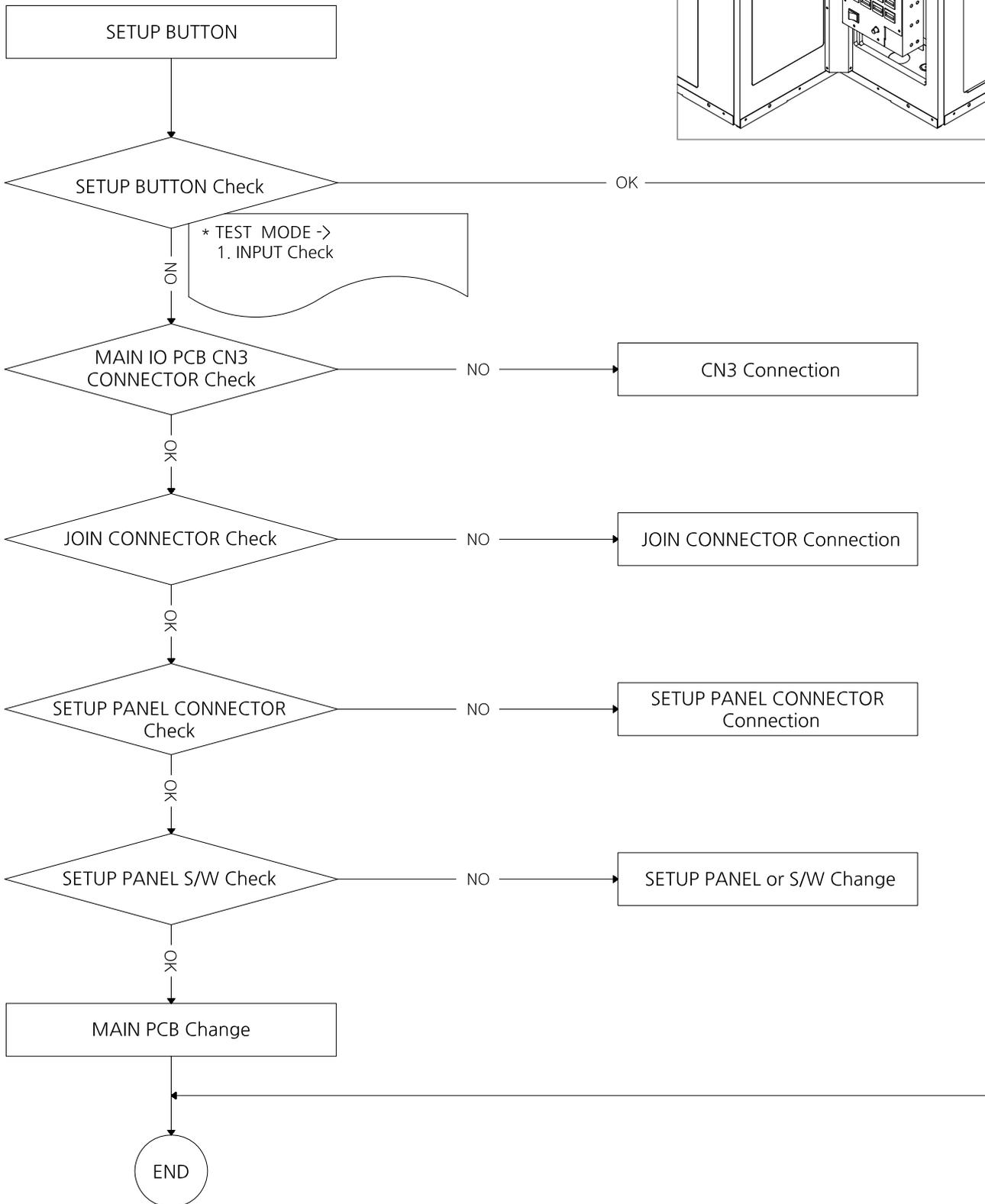
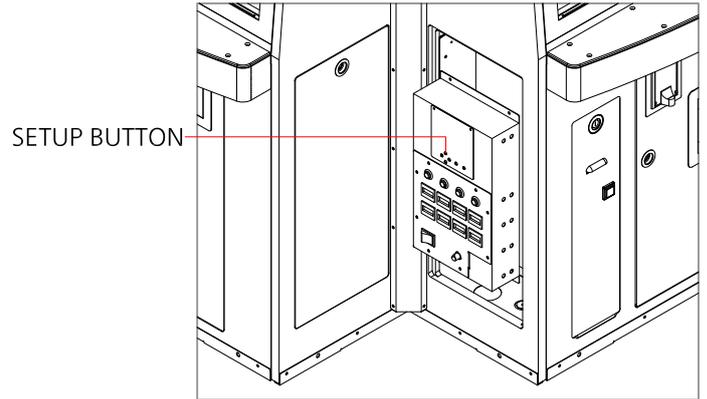
8. SOUND ERROR [1~4P]



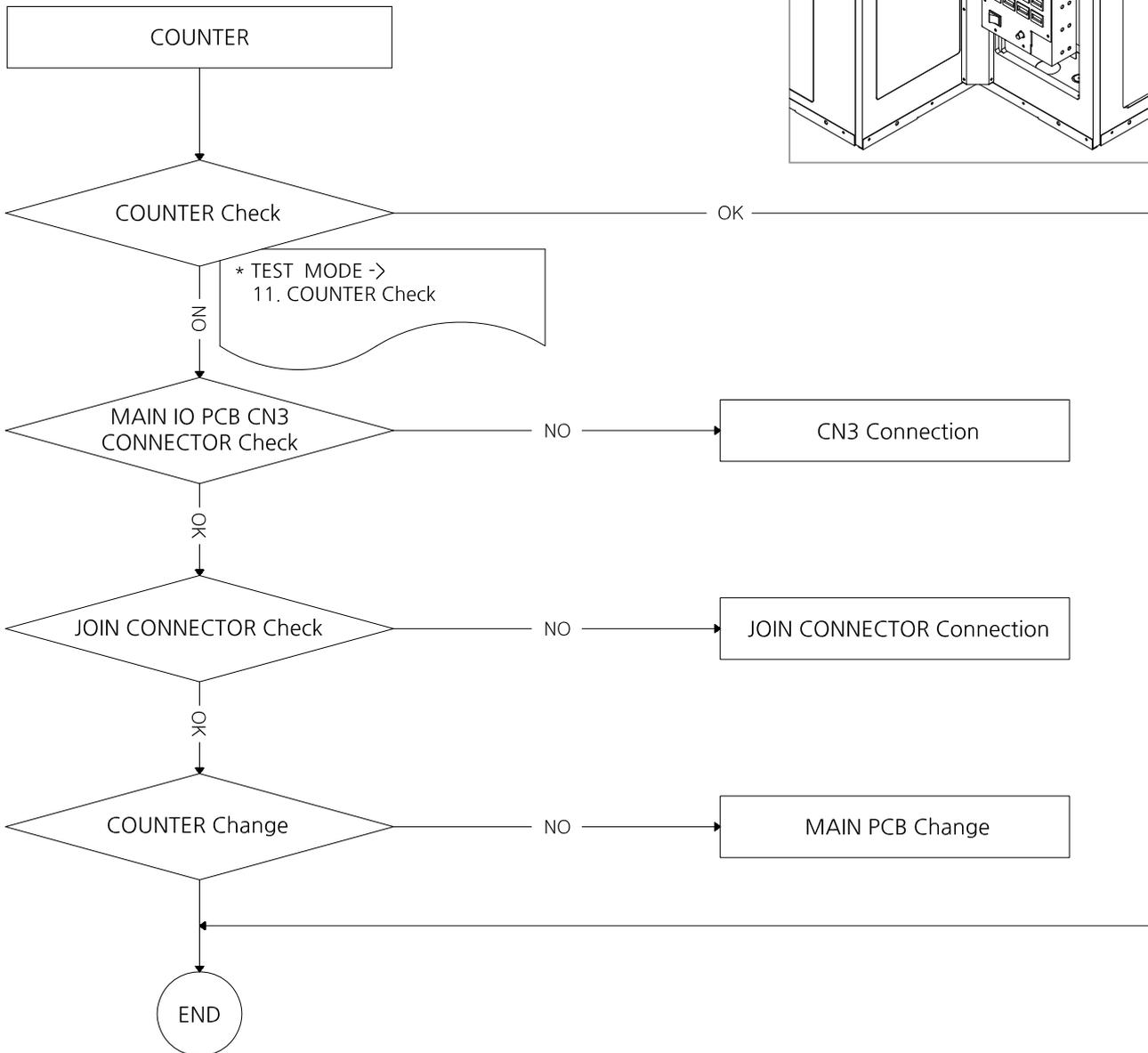
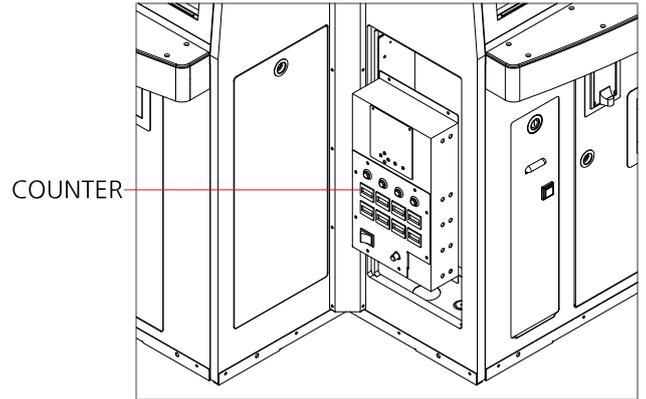
19. COIN SELECTOR ERROR [1~4P] - ERROR 02



20. SETUP BUTTON ERROR

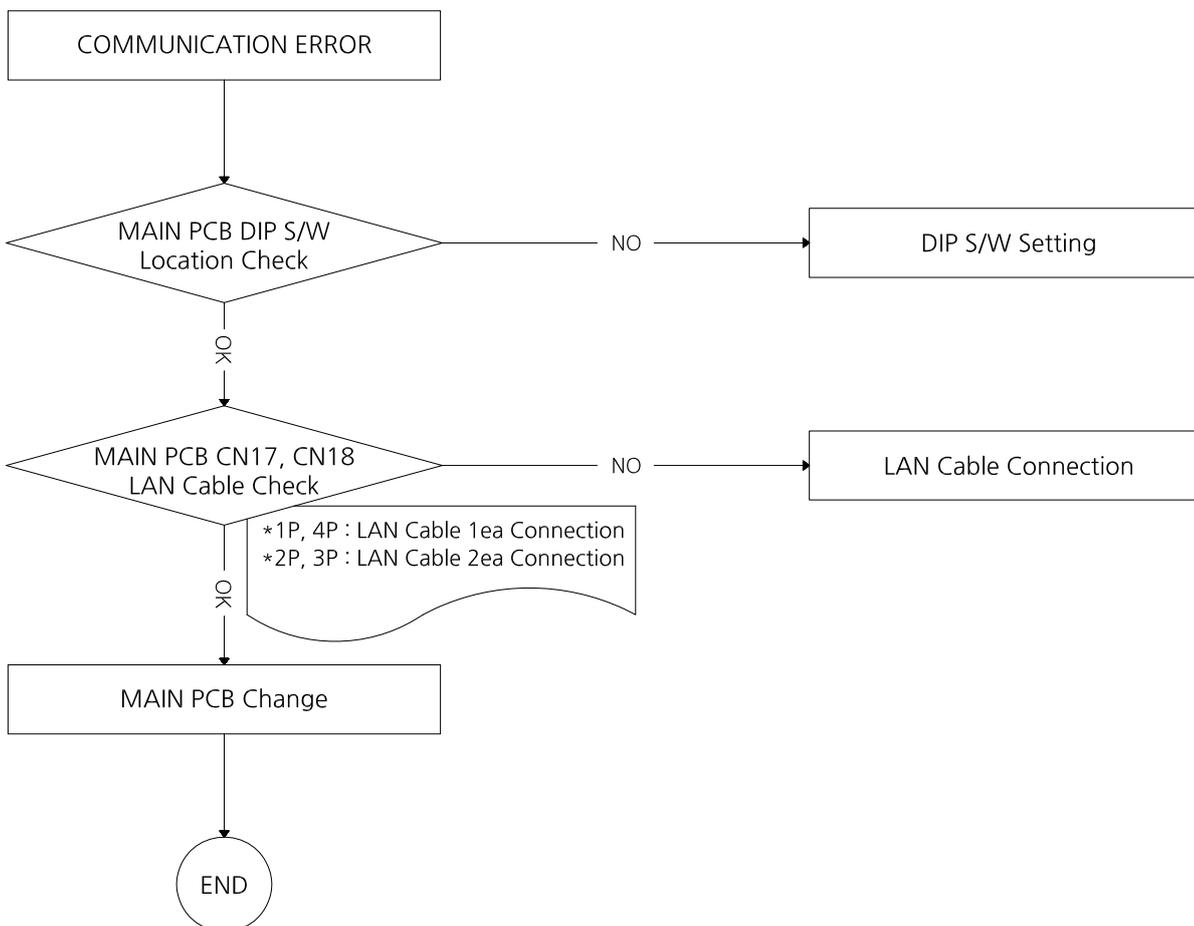


21. COUNTER ERROR [1~4P]



22. COMMUNICATION ERROR [1~4P] - ERROR 21

* CAUSE - COMMUNUCATION ERROR WITH MAIN PCB

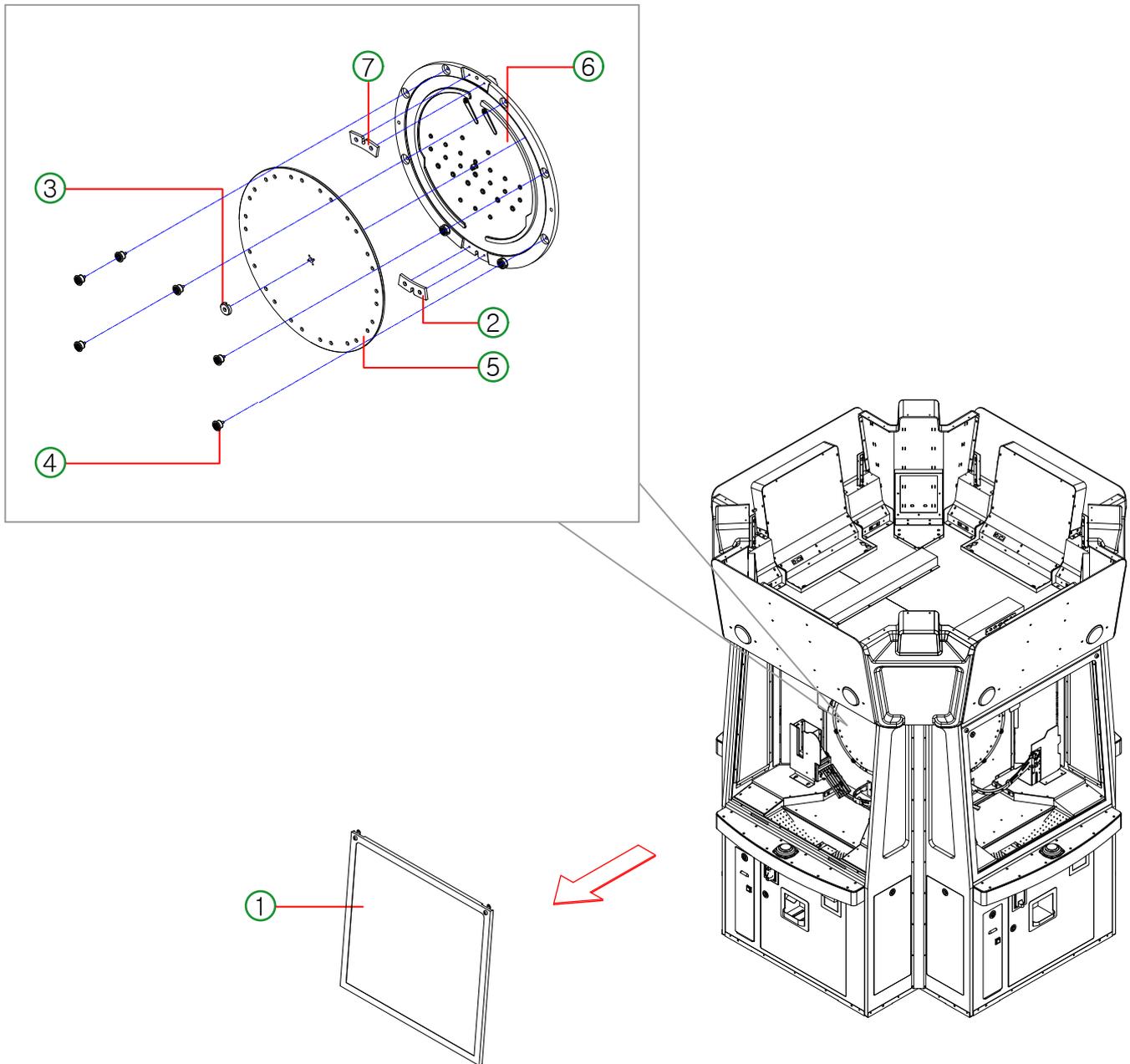


[TEST MODE]

● TEST MODE		
LCD DISPLAY	STATUS	DESCRIPTION
INPUT TEST	(REFER TO THE TABLE BELOW)	TEST INPUT SIGNAL
LED&FND&LAMP	OFF/ON/STEP	TEST THE STATUS OF LED&FND&LAMP OFF : TOTAL OFF ON : TOTAL ON STEP : ACT ACCORDING TO THE SPECIFIED SEQUENCE ON/OFF : ON AND OFF OPERATE CONSTANTLY
CIRCULATION 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF 1P+2P+3P+4P TEST VIEW EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST CIRCULATION AND WIPER TICKET FND : DISPLAY THE STATUS OF WIPER SENSOR PLAYS FND : DISPLAY THE STATUS OF UPPER TOKEN SENSOR IN CIRCULATION TARGETFND : DISPLAY THE STATUS OF EACH ZONE SENSOR IN CIRCULATION 1P+2P+3P+4P : ALL PLAYER ACTIONS TEST VIEW : DISPLAYS THE NUMBER OF TIMES EACH SENSOR HAS ENTERED
PUSHER 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF 1P+2P+3P+4P EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST PUSHER MOTOR MOVEMENT TICKET FND : DISPLAY THE STATUS OF PUSHER MOTOR 1P+2P+3P+4P : ALL PLAYER ACTIONS
ELEVATORHOPPER 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST THE MOVEMENT OF ELEVATORHOPPER AFTER DISPENSING 3 TOKENS, STOP AUTOMATICALLY TICKET FND : DISPLAY THE STATUS OF SENSOR PLAY FND : THE NO. OF DISPENSED TOKENS
COUNTER HOPPER 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST THE MOVEMENT OF COUNTER HOPPER AFTER DISPENSING 3 TOKENS, STOP AUTOMATICALLY TICKET FND : DISPLAY THE STATUS OF SENSOR PLAY FND : THE NO. OF DISPENSED TOKEN

CARD DISPENSER 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST THE MOVEMENT OF CARD DISPENSER ON TESTING, THIS DISPENSES A CARD AND STOPS AUTOMATICALLY TICKET FND : DISPLAYS THE STATUS OF SENSOR
CONVEYER 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF 1P+2P+3P+4P EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST THE MOVEMENT OF CONVEYER TICKET FND : DISPLAYS THE STATUS OF SENSOR
TICKET 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST THE MOVEMENT OF TICKET DISPENSER ON TESTING, THIS DISPENSES 3 TICKETS AND STOPS AUTOMATICALLY TICKET FND : THE NO. OF DISPENSED TICKETS
COIN 1 PLAYER OFF 2 PLAYER OFF 3 PLAYER OFF 4 PLAYER OFF EXIT	OFF/ON (DISPLAY OF OPERATION STAUS)	TEST OF COIN SELECTOR ON TESTING, CHECK POWER-ON/OFF OF COIN SELECTOR TICKET FND : THE NO. OF INSERTED COINS
COUNTER 1 PLAYER 0 0 2 PLAYER 0 0 3 PLAYER 0 0 4 PLAYER 0 0 EXIT	DISPLAY COUNTER SIGNAL	TEST COUNTER LEFT BUTTON : INCREASES 1 ON COIN COUNTER RIGHT BUTTON : INCREASES 1 ON TICKET COUNTER
SOUND	(REFER TO THE TABLE BELOW)	SOUND TEST
EXIT	EXIT TO PREVIOUS MENU	

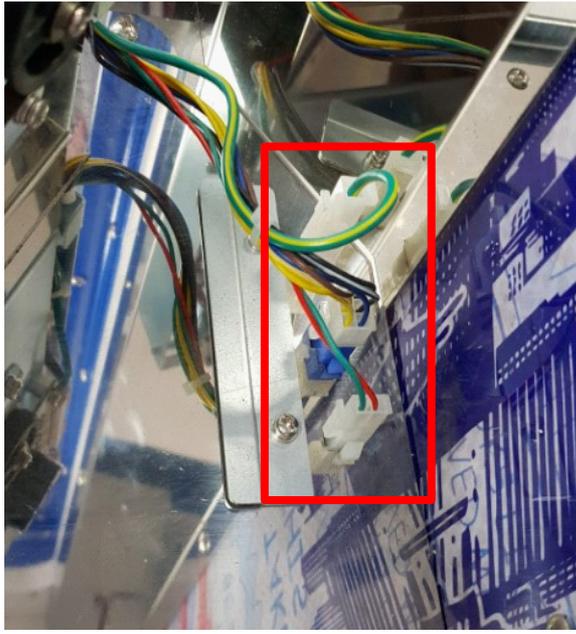
IN CASE OF INTERNAL DUST & STATIC ELECTRICITY OCCURRENCE



- Use the key to open the ① front door.
- Remove the ② MEDAL INLET GUIDE BLOCK (3pcs) and remove the magnetic coin (8EA).
- Use the wrench to release the ④ BEARING ASS'Y (6pcs) and ③ RING GUIDE workpiece (1pcs) as indicated picturepicture.
- Then, wipe inside of plate with the electrostatic accumulator with a soft cloth.
(MAGNETIC COIN & ⑤⑥ FRONT, REAR ACRYLIC)
- Remove the ⑦ MEDAL INLET GUIDE BLOCK (3pcs) and supply the magnetic coin (8EA).
- After cleaning, assemble in reverse order of disassembly.

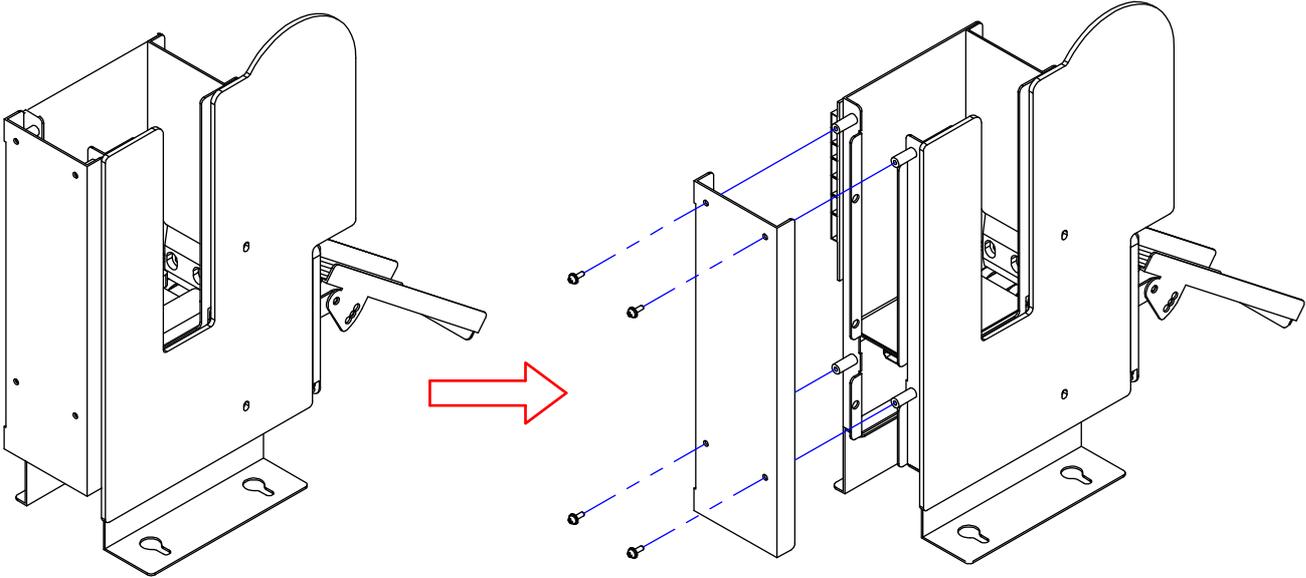
HOW TO ADJUST THE GAP OF CARD DISPENSER

1



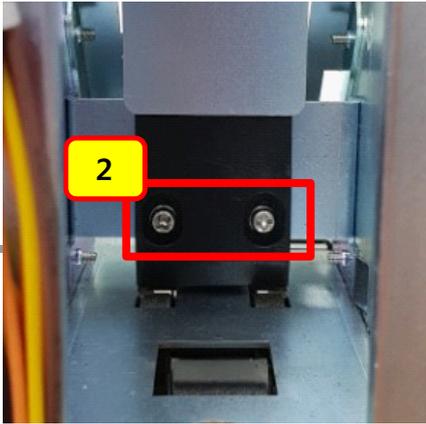
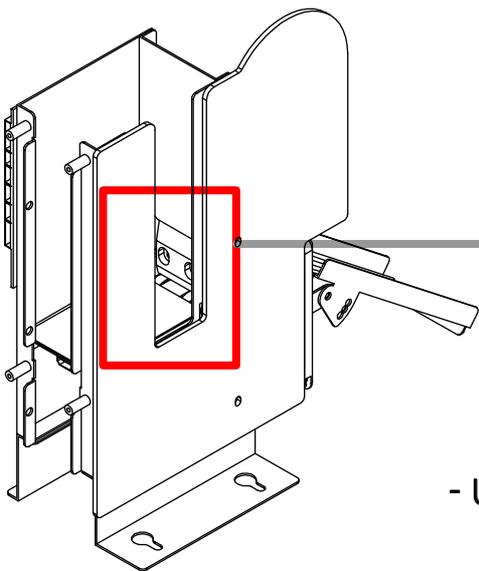
- After removing bolt 2ea of No.1, pull the card dispenser forward and detach the connector behind.

2



- Detach the metal part of back side of card dispenser as a picture. [Bolt 4ea]

3



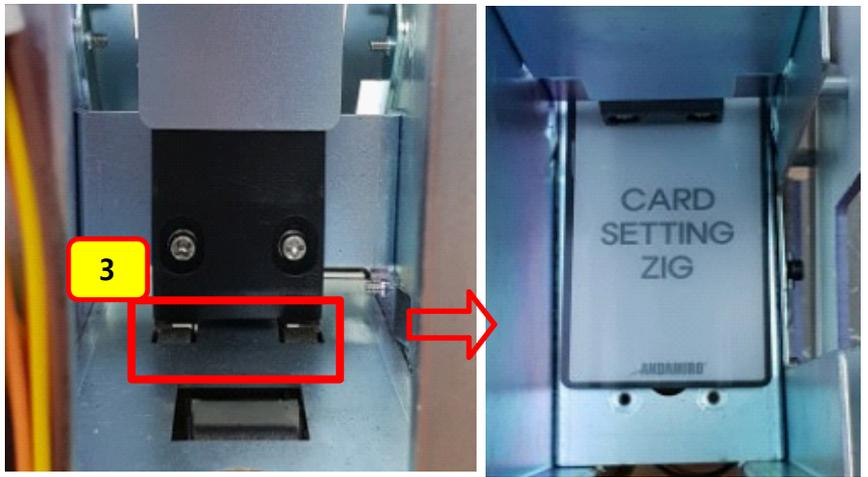
- Unlock little bit of fix bolt 2ea at No.2.

4



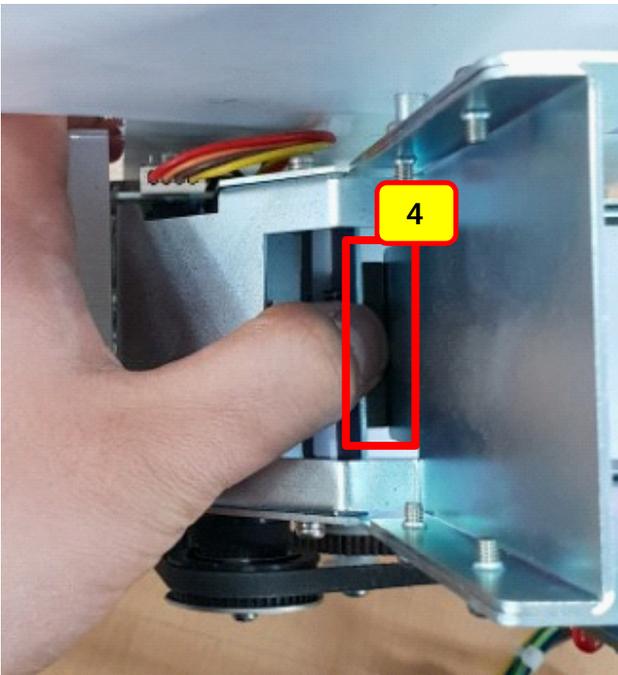
- Prepare CARD SETTING JIG as a picture.

5

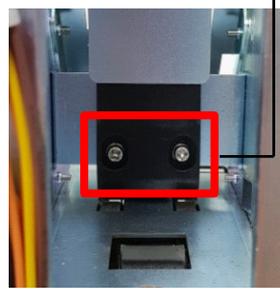


- Insert the taped card at No.3. (lower side of black acrylic)

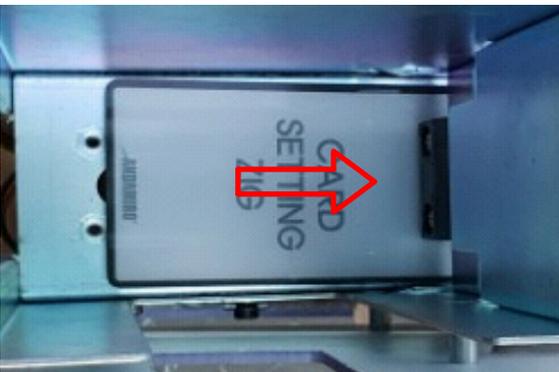
6



- Lock the bolt section 3 pressing upper side of black acrylic between the gaps of No.4 while the card is located.



7



- Check if it is tight when you try to insert the CARD SETTING JIG again as left picture. If it is easy to insert or impossible to insert, go back to section 3 and work again.

- Gap between the arrows of left picture. (No.3 of section 5)
Allowable value: 1.1~1.3 mm
Thickness of normal card: 0.8 mm

8

- After processing until section 7, run operation test. TEST MODE -> CARD DISPENSER TEST