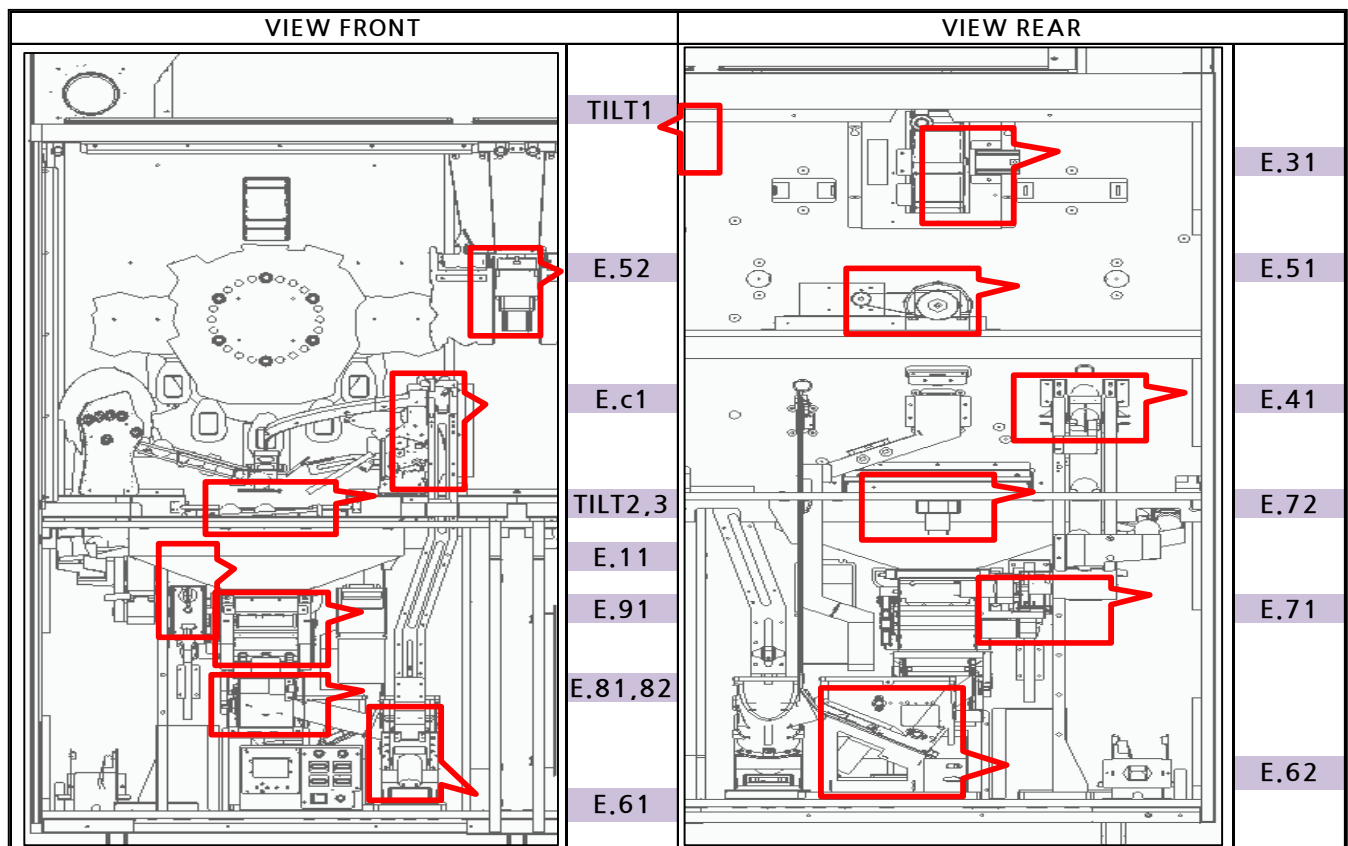


7 SOLUTION

1) ERROR CODES

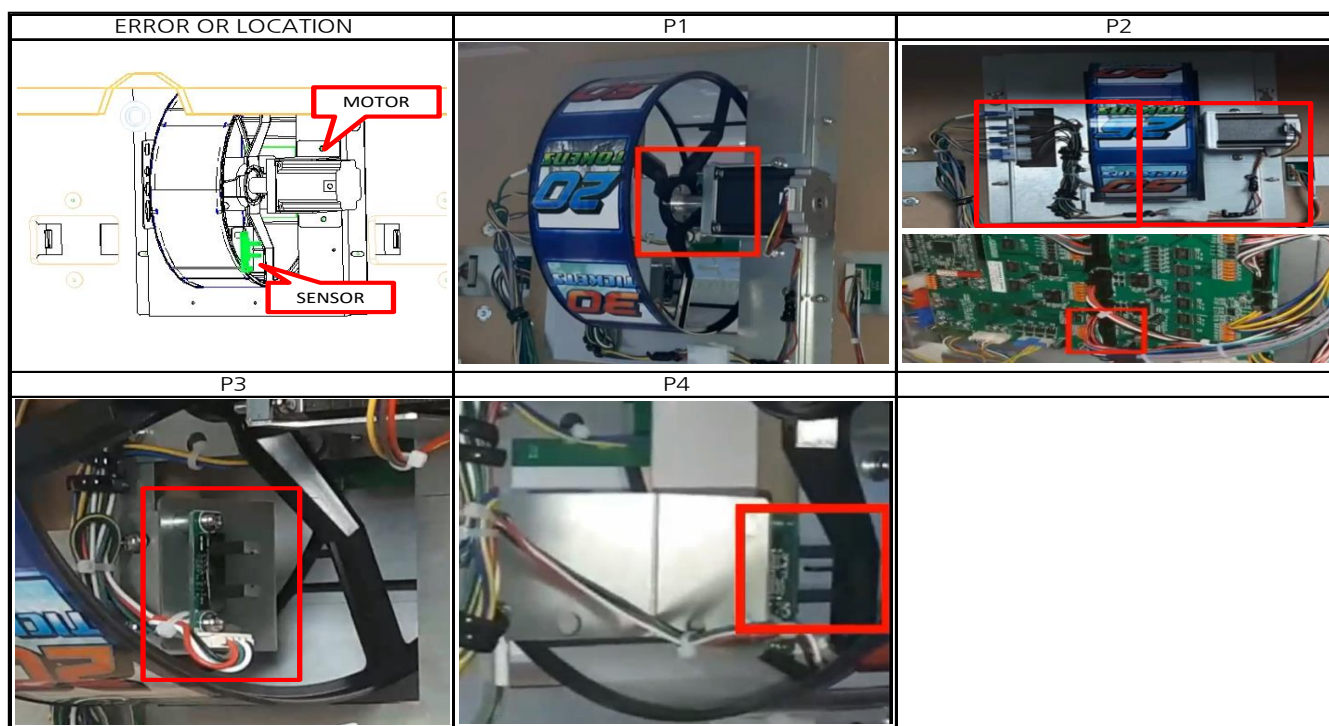
AVENGERS 2P

CODE	ERROR	NOTE
E.01	BACKUP MEMORY	Save data problem. Power off on
E.05	SETUP LCD ERROR	Setup lcd connection problem
E.11	COIN ERROR	Coin jam problem
E.31	REEL ERROR	Reel step motor defects
E.41	PUSHER ERROR	Pusher motor problem or pusher encoder problem
E.51	WHEEL ERROR	Wheel motor problem ,encoder problem
E.52	BIG WHEEL ERROR	Big wheel step motor problem or photo sensor defects
E.61	F_ELEVATOR HOPPER	Front elevator hopper or coin jam
E.62	R_ELEVATOR HOPPER	rear elevator hopper or coin jam
E.71	BALL SUPPLY	Problem of ball supply motor or photo sensor
E.72	BALL SUPPLY	limit switch defects
E.73	BALL IN SENSOR	Ball in sensor
E.81	TOKEN BRIDGE	motor problem , front encoder sensor
E.82	TOKEN BRIDGE	motor problem , rear encoder sensor
E.91	CONVEYER ERROR	(MEDAL ROLLER)Motor or encoder sensor problem
E.c1	CARD DISPENSER	Card empty ,card jam,card dispensor
	TOKEN SUCCESS SENSOR	Token success sensor
E.t1	TICKET ERROR	No tickets or ticket jam
TILT1	Upper backside	When shaking the machine but will be cleared after 15 seconds
TILT2	1P Button panel	
TILT3	2P Button panel	



2) TROUBLESHOOTING

1) REEL MOTOR ERROR [E.31], REEL SENSOR ERROR [E.31]



► SOLUTION : REEL MOTOR ERROR [E.31]

- 1 HOW TO TEST : TEST MODE → REEL TEST
- 2 Check connection of motor connector (P2)
- 3 Check assembly status of motor (P1)
- 4 Check connection of join connector and main pcb connector (P2)
- 5 Replace MOTOR
- 6 Replace MAIN PCB

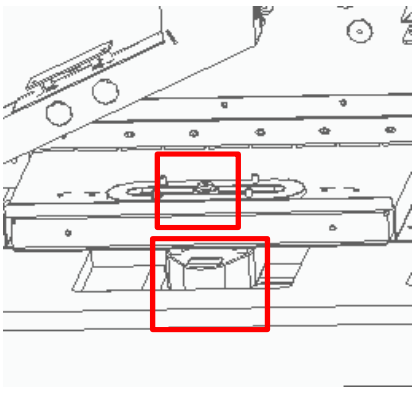
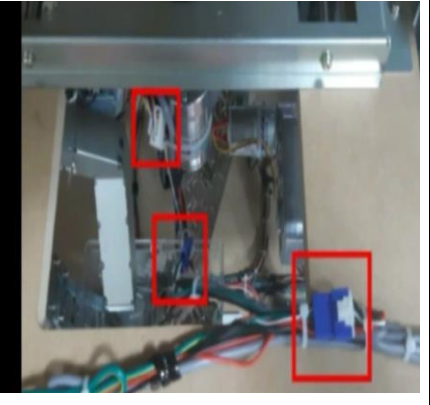
PART NAME	CODE	PART NAME	CODE
STEPPING MOTOR NO WIRE	MZZZ0MOT167	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION : REEL SENSOR ERROR [E.31]

- 1 HOW TO TEST : TEST MODE → REEL TEST
Setup pcb- Select button -Shooting button-Sensor status check
(PLAY FND : Detected Sensor : " 1 " / Non-Detected sensor : " 0 ")
- 2 Check connection of sensor connector (P2,P3)
- 3 Check assembly status of sensor , Check position of sensor bracket (Center) (P4)
- 4 Check the dc voltage (SENSOR PCB)
: PIN 1 : over 4.5V , PIN 2 : below 0.5V , PIN 4 : GND ,
PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
- 5 Replace SENSOR PCB
- 6 Check the dc voltage (MAIN PCB / CN8) :A/B PIN 11 : Over 4.5V , PIN 12 : Below 0.1V , PIN 15 : GND
- 7 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	ACIR0PCB011	MAIN PCB ASS'Y	AAV20PCB001

2) PUSHER MOTOR ERROR [E.41], PUSHER SENSOR ERROR [E.41]

ERROR OR LOCATION	P1	P2
		
P3	P4	
		

► SOLUTION : PUSHER MOTOR ERROR [E.41]

- 1 HOW TO TEST TEST MODE → PUSHER MOTOR TEST → SELECT BUTTON → SHOOTING button
- 2 Check if tokens, cards, balls, side token are jamming the pusher plate (P1)
- 3 Check connection of motor connector , Check assembly status of motor (P2,P3)
- 4 Check the dc voltage (MAIN PCB / CN8)
: A/B PIN 1 : Over 11V , PIN 2 : GND ,
- 5 Replace MOTOR
- 6 Replace MAIN PCB

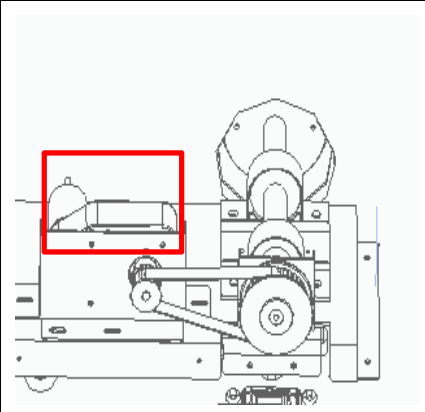
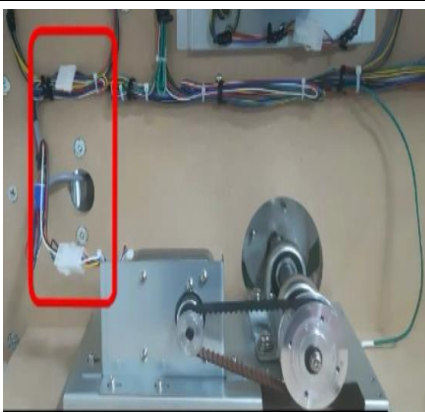
PART NAME	CODE	PART NAME	CODE
MOTOR_BLDC	MZZZ0MOT152	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION -PUSHER SENSOR ERROR [E.41]

- 1 HOW TO TEST TEST MODE → PUSHER MOTOR TEST → SELECT BUTTON → SHOOTING button
PLAY FND : Sensor operation status / Detected Sensor : " 1 " / Non-Detected sensor : " 0 "
- 1 Check if tokens, cards, balls, side token are jamming the pusher plate (P1)
- 2 Check connection of sensor connector , Check assembly status of sensor (P4)
- 3 Check the dc voltage (SENSOR PCB)
: PIN 1 : over 4.5V , PIN 2 : below 0.1V , PIN 4 : GND ,
PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
- 4 Replace SENSOR PCB
- 5 Check the dc voltage (MAIN PCB / CN8) : A/B PIN 3 : Over 4.5V , PIN 4 : Below 0.1V , PIN 6 : GND
- 6 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	AZZZ0PCB103	MAIN PCB ASS'Y	AAV20PCB001

3) TARGET WHEEL MOTOR & SENSOR ERROR [E.51]

ERROR OR LOCATION	P1	P2
		

► SOLUTION

※ 1 HOW TO TEST MODE → WHEEL MOTOR TEST

SELECT button - SHOOTING button -Sensor operation status : First digit of the PLAY FND

Detected Sensor : " 1 " / Non-Detected sensor : " 0 "

2 Check connection of motor connector (P1)

3 Check assembly status of belt and motor (P2)

4 Check the dc voltage (MAIN PCB / CN12,13)

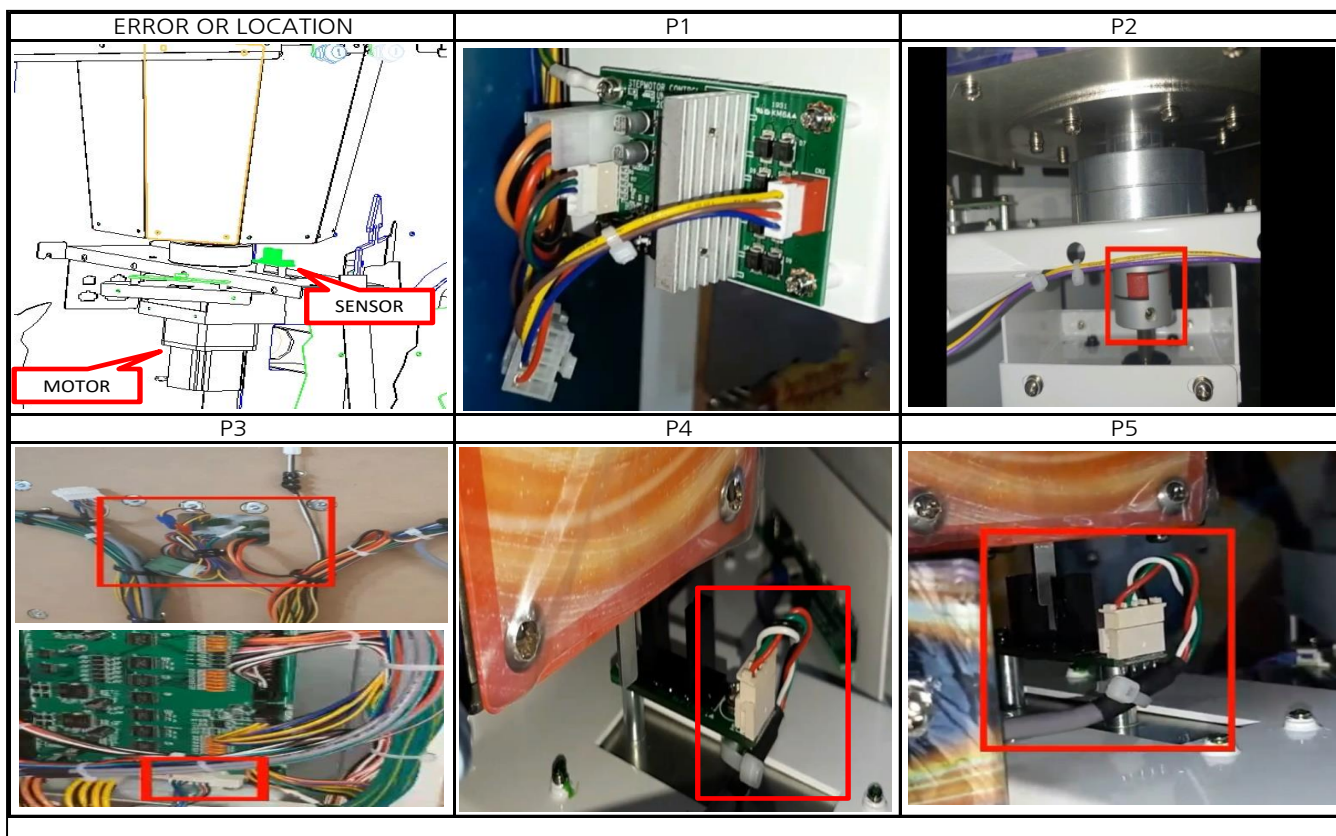
: PIN 1 : Over 11V , PIN 2 : GND ,

5 Replace MOTOR (The sensor is in the motor,if the sensor is Not detected,replace the motor)

6 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
MOTOR_BLDC	MZZZ0MOT160	MAIN PCB ASS'Y	AAV20PCB001

4) BIG WHEEL MOTOR ERROR [E.52],BIG WHEEL SENSOR ERROR [E.52]



► SOLUTION : BIG WHEEL MOTOR ERROR [E.52]

- 1 HOW TO TEST : TEST MODE → BIG WHEEL TEST→ SELECT Button → SHOOTING button
- 2 Check connection of motor connector (P1)
- 3 Check assembly status of motor (P2)
- 4 Check connection of join connector and motor connector (CN25) (P3)
- 5 Check DIP SWITCH setting status of step motor control pcb : 1,2,3,5,6 → ON / 4 → OFF
- 6 Replace MOTOR
- 7 Replace STEPPING MOTOR DRIVER PCB ASS'Y
- 8 Replace MAIN PCB

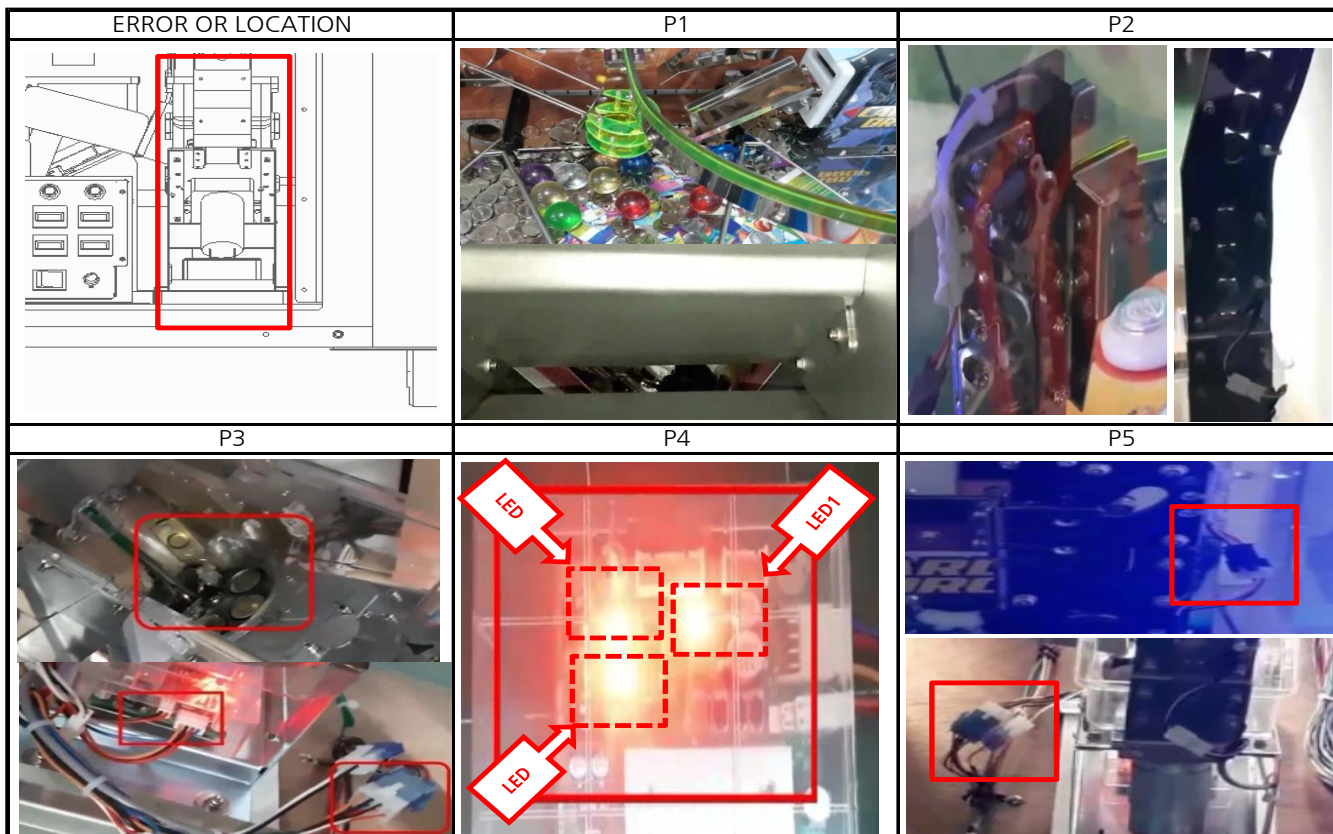
PART NAME	CODE	PART NAME	CODE
STEPPING MOTOR NO WIRE	MZZZ0MOT166	MAIN PCB ASS'Y	AAV20PCB001
STEPPING MOTOR DRIVER PCB ASS'Y	ASBS0PCB001		

► SOLUTION : BIG WHEEL SENSOR ERROR [E.52]

- ※ 1 HOW TO TEST MODE → BIG WHEEL TEST→ SELECT button →SHOOTING button
 PLAY FND : Sensor operation status / Detected Sensor : flicker " 0 " / Non-Detected sensor : " 1 "
- 2 Check connection of sensor connector (P4)
 - 3 Check assembly status of sensor , Check position of sensor bracket (Center) (P5)
 - 4 Check the dc voltage (SENSOR PCB)
 : PIN 1 : over 4.5V , PIN 2 : below 0.1V , PIN 4 : GND ,
 PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
 - 5 Replace SENSOR PCB
 - 6 Check the dc voltage (MAIN PCB / CN25) : PIN 6 : Over 4.5V , PIN 7 : Below 0.1V , PIN 5 : GND
 - 7 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	AZZZ0PCB103	MAIN PCB ASS'Y	AAV20PCB001

5) FRONT HOPPER MOTOR ERROR [E.61], FRONT HOPPER SENSOR ERROR [E.61]



► SOLUTION : FRONT HOPPER MOTOR ERROR [E.61]

- ※ 1 HOW TO TEST : TEST MODE → FRONT HOPPER TEST → SELECT button → SHOOTING button
- 2 Check the jamming location Token Bridge, Pusher Plate and Conveyor (P1)
 - 3 Foreign objects inside the HOPPER, Check jamming hopper disk, Check jamming hopper rail (P2)
 - 4 Check the disk rotation direction, Check connection of motor connector (P3)
 - 5 Check the operation of HOPPER PCB internal LED1 (lights up during operation), LED2 (flashes when 5V input), LED3 (flashes when 24V is input) (P4)
 - 6 Check the dc voltage (HOPPER PCB / JP2) : PIN 1 : Over 23V , PIN 2 : GND
 - 7 Replace HOPPER PCB
 - 8 Check the dc voltage (MAIN PCB / CN5): A/B PIN 1 : Over 23V , PIN 2 : Over 4.5V , PIN 3 : GND
 - 9 Replace MAIN PCB

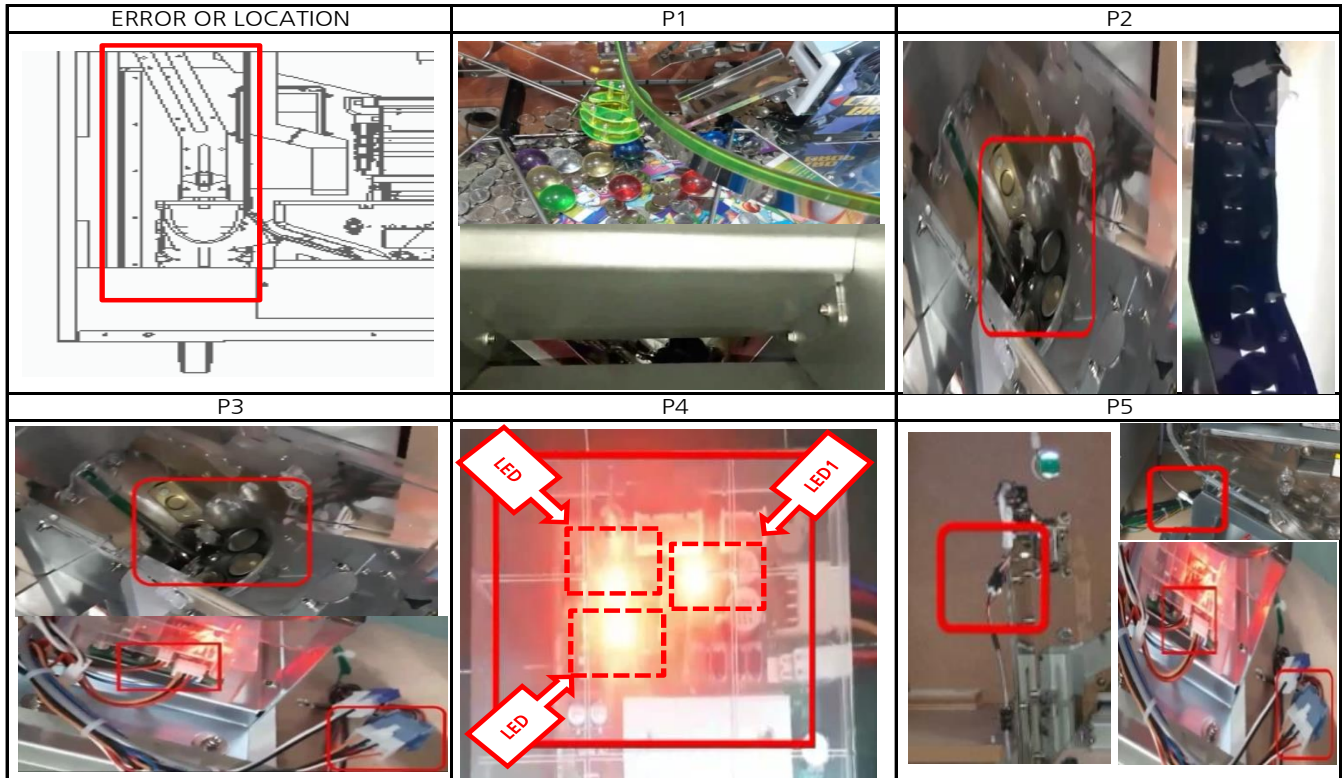
PART NAME	CODE	PART NAME	CODE
ELEVATOR HOPPER PCB ASS'Y	AZZZ0PCB143	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION : FRONT HOPPER SENSOR ERROR [E.61]

- 1 HOW TO TEST : TEST MODE → FRONT HOPPER TEST → SELECT button → SHOOTING button
- ※ CHECK LIST
- 1 Check the jamming location Token Bridge, Pusher Plate and Conveyor (P1)
 - 2 Check the jamming launch part exit (P2)
 - 3 Check the jamming hopper rail (P2)
 - 4 Check connection of sensor connector (P5)
 - 5 Check the foreign substances in the sensor part and the assembly status of the launch part (P4)
 - 6 Check the dc voltage (SENSOR ASS'Y)
: PIN 1 : over 4.5V , PIN 3 : GND ,
PIN 2 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
 - 7 Replace SENSOR PCB
 - 8 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
ELEVATOR SENSOR ASS'Y	AZZZ0PCB173	MAIN PCB ASS'Y	AAV20PCB001

6) REAR HOPPER MOTOR ERROR [E.62]



► SOLUTION : REAR HOPPER MOTOR ERROR [E.62]

- 1 HOW TO TEST TEST MODE → REAR HOPPER TEST→ SELECT button→SHOOTING button
- 2 Check the jamming location Token Bridge, Pusher Plate and Conveyor (P1)
- 3 Foreign objects inside the HOPPER,Check jamming hopper disk,Check jamming hopper rail (P2)
- 4 Check the disk rotation direction, Check connection of motor connector (P3)
- 5 Check the operation of HOPPER PCB internal LED1 (lights up during operation), LED2 (flashes when 5V input), LED3 (flashes when 24V is input) (P4)
- 5 Check the dc voltage (HOPPER PCB / JP2) : PIN 1 : Over 23V , PIN 2 : GND
- 6 Replace HOPPER PCB
- 7 Check the dc voltage (MAIN PCB / CN5) : A/B PIN 11 : Over 23V , PIN 12 : Over 4.5V , PIN 13 : GND
- 8 Replace MAIN PCB

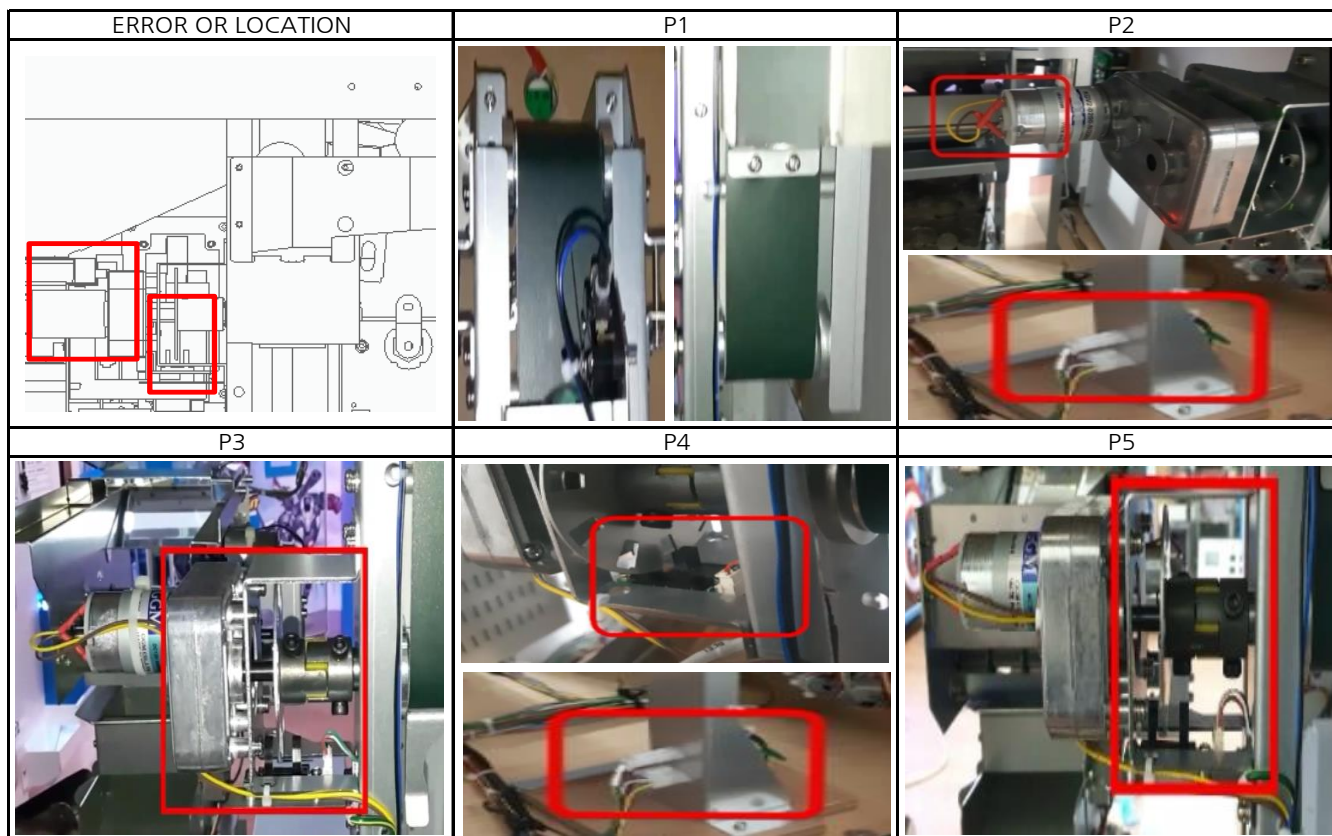
PART NAME	CODE	PART NAME	CODE
ELEVATOR HOPPER PCB ASS'Y	AZZZ0PCB143	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION : REAR HOPPER SENSOR ERROR [E.62]

- 1 HOW TO TEST TEST MODE → REAR HOPPER TEST→ SELECT button→SHOOTING button
PLAY FND 3rd digit confirms quantity change (reduced sequentially when sensor is detected)
- 2 Check the jamming location Token Bridge, Pusher Plate and Conveyor (P1)
- 3 Check the jamming launch part exit (P2) Check the jamming hopper rail (P2)
- 4 Check connection of sensor connector (P5)
- 5 Check the foreign substances in the sensor part and the assembly status of the launch part (P4)
- 6 Check the dc voltage (SENSOR ASS'Y) : PIN 1 : over 4.5V , PIN 3 : GND ,
PIN 2 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
- 7 Replace SENSOR PCB
- 8 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
ELEVATOR SENSOR ASS'Y	AZZZ0PCB173	MAIN PCB ASS'Y	AAV20PCB001

7) BALL SUPPLY MOTOR ERROR [E.71],BALL SUPPLY SENSOR ERROR [E.71]



► SOLUTION :BALL SUPPLY MOTOR ERROR [E.71]

- 1 HOW TO TEST :TEST MODE → BALL SUPPLY TEST → SELECT button → SHOOTING button
- 2 Check the jamming ball supply rail ,Check for BKT jams during belt drive (P1)
- 3 Check connection of motor connector (P2)
- 4 Check assembly status of motor (P3)
- 5 Check the dc voltage (MAIN PCB / CN7) : A/B PIN 1 : Over 11V , PIN 2 : GND
- 6 Replace MOTOR
- 7 Replace MAIN PCB

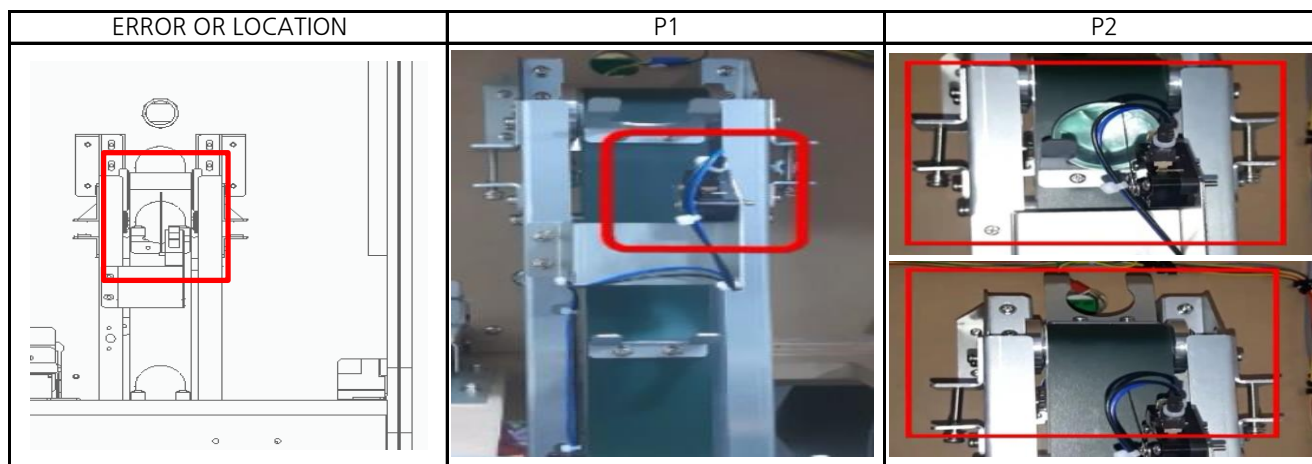
PART NAME	CODE	PART NAME	CODE
MOTOR	MZZZ0MOT161	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION : BALL SUPPLY SENSOR ERROR [E.71]

- 1 HOW TO TEST :TEST MODE → BALL SUPPLY TEST → SELECT button → SHOOTING button
: Second digit of the PLAY FND - Detected Sensor : flicker " 1 " / Non-Detected sensor : " 0 "
- 2 Check connection of sensor connector (P4)
- 3 Check assembly status of sensor , Check position of sensor bracket (Center) (P5)
- 4 Check the dc voltage (SENSOR PCB) : PIN 1 : over 4.5V , PIN 2 : below 0.1V , PIN 4 : GND ,
PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
- 5 Replace SENSOR PCB
- 6 Check the dc voltage (MAIN PCB / CN7) : A/B PIN 3 : Over 4.5V , PIN 4 : Below 0.1V , PIN 6 : GND
- 7 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	AZZZ0PCB103	MAIN PCB ASS'Y	AAV20PCB001

8) BALL SUPPLY SWITCH ERROR [E.72]

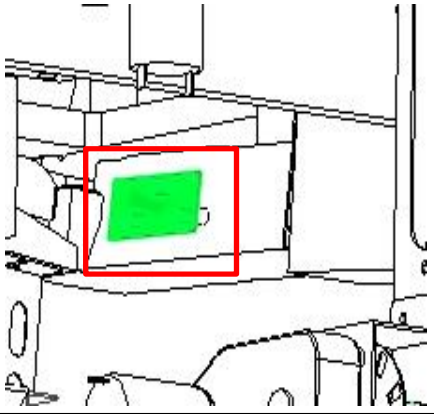


► SOLUTION

- 1 HOW TO TEST :TEST MODE → BALL SUPPLY TEST →SELECT button→ SHOOTING button
PLAY FND first digit : Sensor operation status / Detected Switch : " 0 " / Non-Detected switch : " 1 "
- 2 Check connection of switch connector and pin connector (P1), SWITCH external status check (P1)
- 3 When SWITCH is recognized, it checks whether it was pressed normally,
and returns to its original state if not recognized. (P2)
- 4 Check the dc voltage (SWITCH)
: NO PIN : over 4.5V (ball is not mounting) / Below 0.1V (ball is mounting) , COM PIN : GND
- 5 Replace SWITCH PCB
- 6 Check the dc voltage (MAIN PCB / CN7)
: A/B PIN 7 : over 4.5V / PIN 9 : GND
- 7 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
MICRO SWITCH	MELEOMIC002	MAIN PCB ASS'Y	AAV20PCB001

9) BALL IN SENSOR ERROR [E.73]

ERROR OR LOCATION	P1	P2
	 	
	MAIN JOIN	

► SOLUTION

1 HOW TO TEST :TEST MODE → INPUT TEST

Insert the ball into the inlet and check the sensor operation status at the Speaker sound

2 Check connection of sensor connector (P1)

3 Check assembly status of sensor (P2)

4 Check the dc voltage (SENSOR PCB) : PIN 1 : over 4.5V , PIN 4 : GND ,
PIN 2 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V

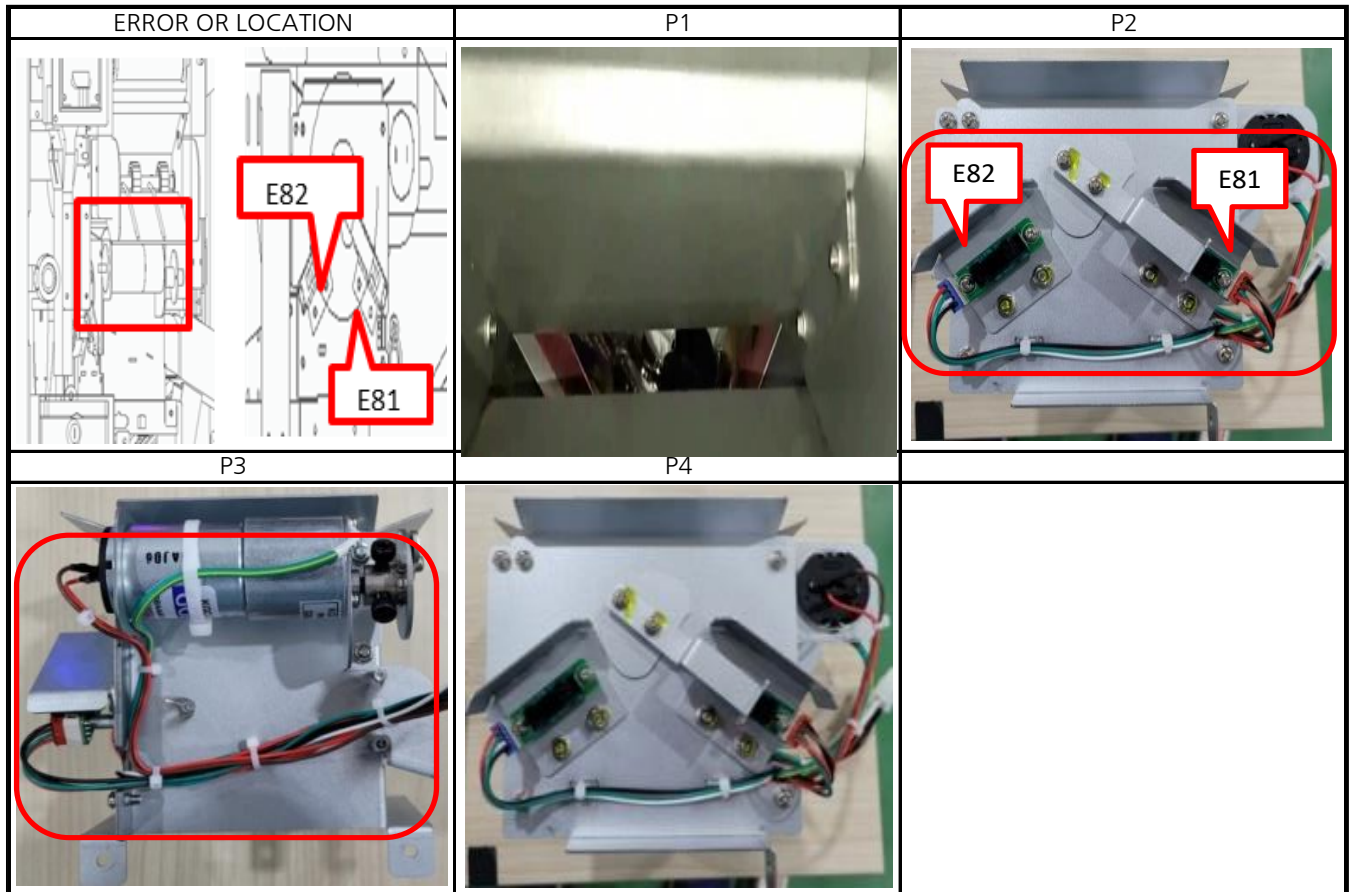
5 Replace SENSOR PCB

6 Check the dc voltage (MAIN PCB / CN7) : A/B PIN 17 : over 4.5V , PIN 18 : Below 0.1V , PIN 12 : GND

7 Replace MAIN PCB

PART NAME	CODE	PART NAME	CODE
CHUTE SENSOR PCB ASS'Y	ASAW0PCB001	MAIN PCB ASS'Y	AAV20PCB001

10) TOKEN BRIDGE MOTOR ERROR [E.81 & 82]



► SOLUTION : TOKEN BRIDGE MOTOR ERROR [E.81 & 82]

- 1 HOW TO TEST TEST MODE → TOKEN BRIDGE TEST → SELECT button → SHOOTING button
- 2 Check internal JAM by foreign material, card, token (P1)
- 3 Check MOTOR connector connection status (P3)
- 4 Check assembly status (P3,P4)
- 5 voltage check (MAIN PCB / CN11) : A/B PIN 1 : 11V , PIN 2 : GND
- 6 MOTOR replacement
- 7 MAIN PCB replacement

PART NAME	CODE	PART NAME	CODE
MOTOR	MZZZ0MOT173	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION : TOKEN BRIDGE FRONT SENSOR ERROR [E.81]

- 1 HOW TO TEST : TEST MODE → TOKEN BRIDGE TEST
PLAY FND : sensor status check / Detected Sensor : " 1 " / Non-Detected sensor : " 0 "
- 2 Check internal JAM by foreign material, card, token (P1)
- 3 SENSOR PCB wiring connection and connector connection status check (P2)
- 4 Check the sensor assembly status (P4)
- 5 voltage check (SENSOR PCB) : PIN 1 : 4.5V, PIN 2 : 0.1V, PIN 4 : GND ,
PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
- 5 SENSOR PCB replacement
- 6 voltage check (MAIN PCB / CN7) : A PIN 23: Over 4.5V , PIN 24: Below 0.1V, PIN 27: GND
- 7 MAIN PCB replacement

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	ACIR0PCB011	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION : TOKEN BRIDGE REAR SENSOR ERROR [E.82]

1 HOW TO TEST : TEST MODE → TOKEN BRIDGE TEST

PLAY FND : sensor status check / Detected Sensor : " 1 " / Non-Detected sensor : " 0 "

2 Check internal JAM by foreign material, card, token (P1)

3 SENSOR PCB wiring connection and connector connection status check (P2)

4 Check the sensor assembly status (P4)

5 voltage check (SENSOR PCB) : PIN 1 : 4.5V, PIN 2 : 0.1V, PIN 4 : GND ,

PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V

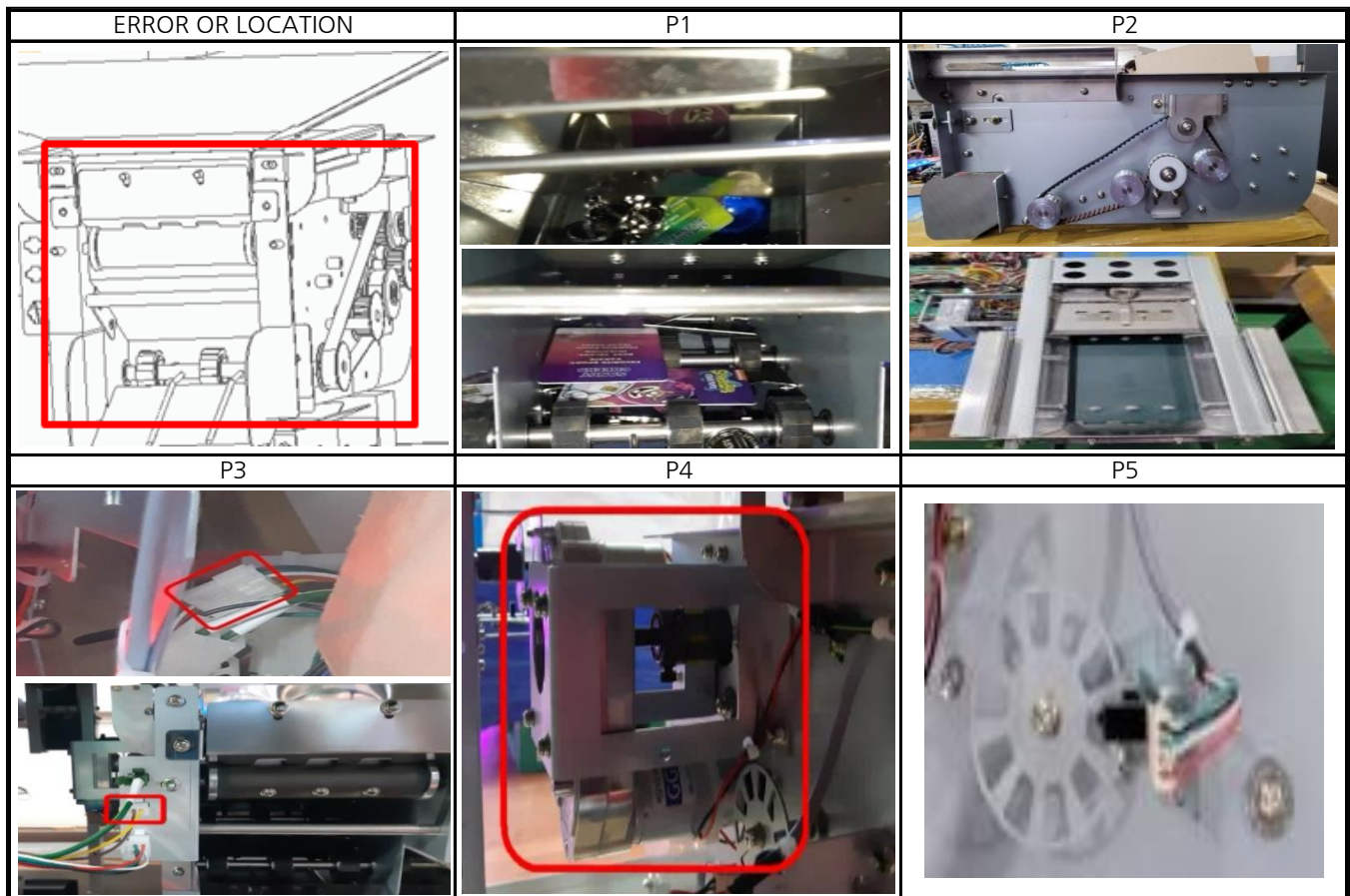
4 SENSOR PCB replacement

5 voltage check (MAIN PCB / CN7) : B PIN 23: Over 4.5V , PIN 24: Below 0.1V, PIN 27: GND

6 MAIN PCB replacement

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	ACIR0PCB011	MAIN PCB ASS'Y	AAV20PCB001

11) CONVEYER MOTOR ERROR [E.91],CONVEYER SENSOR ERROR [E.91]



► SOLUTION : CONVEYER MOTOR ERROR [E.91]

- 1 HOW TO TEST TEST MODE → CONVEYER TEST→ SELECT button→ SHOOTING button
- 2 Check internal JAM by TOKEN , CARD , BALL (P1)
- 3 TIMING BELT , MAIN BELT Check for abnormalities (P2)
- 4 Check MOTOR connector connection status (P3)
- 5 Check the assembly status of the equipment and check whether the parts are deformed (P4)
- 6 voltage check (MAIN PCB / CN11) : A/B PIN 1: Over 11V , PIN 2: GND
- 7 MOTOR replacement
- 8 MAIN PCB replacement

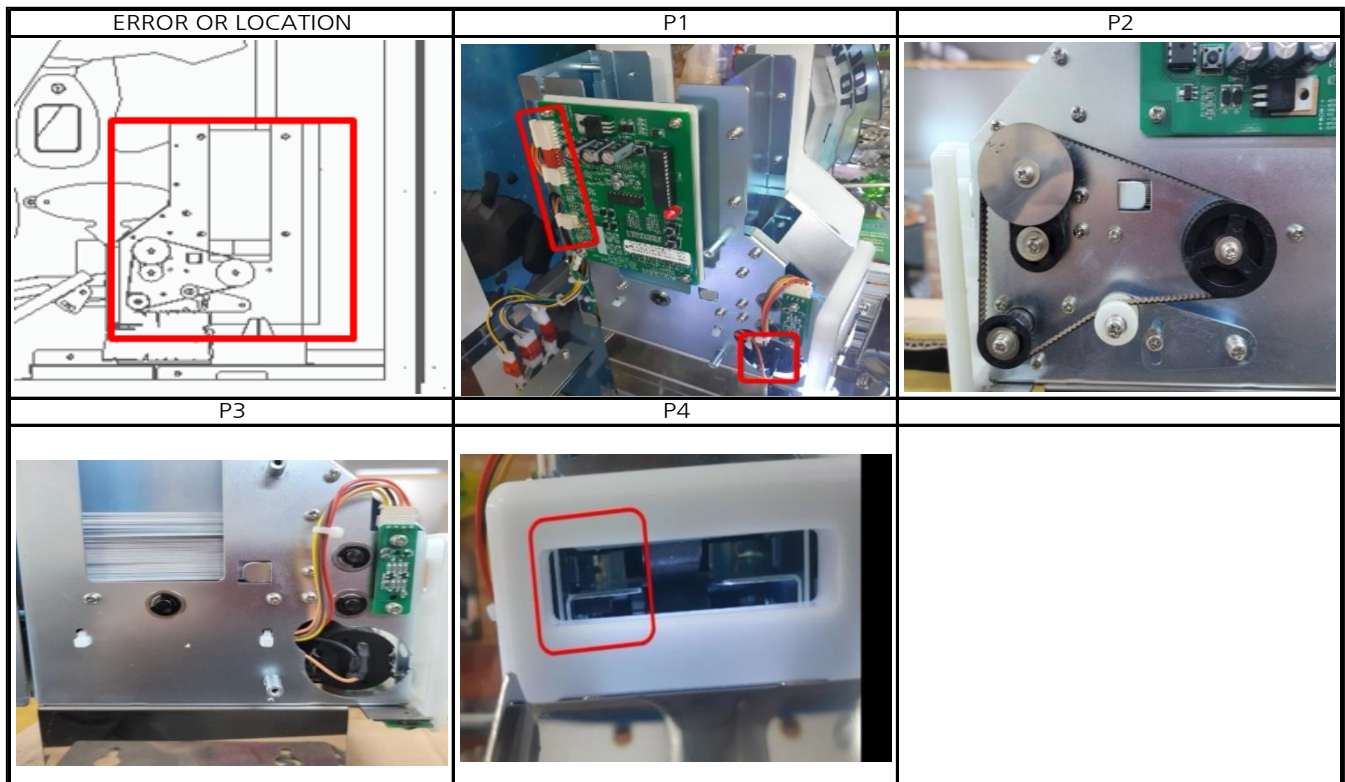
PART NAME	CODE	PART NAME	CODE
MOTOR	MZZZ0MOT168	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION :CONVEYER SENSOR ERROR [E.91]

- 1 HOW TO TEST MODE → CONVEYER TEST
- 2 Check the sensor status of PLAY FND:When detected: " 1 " / When not detected: " 0 "
- 3 Check internal JAM by TOKEN , CARD , BALL (P1)
- 4 SENSOR PCB wiring connection and connector connection status check (P3)
- 5 Check the sensor assembly status, check the sensor check bracket position (center) (P5)
- 6 voltage check (SENSOR PCB) : PIN 1: Over 4.5V, PIN 2: Below 0.1V, PIN 4: GND ,
PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
- 7 SENSOR PCB replacement
- 8 voltage check (MAIN PCB / CN6) : A/B PIN 14 : Over 4.5V, PIN 15 : below 0.1V, PIN 17 : GND
- 9 MAIN PCB replacement

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	AZZZ0PCB103	MAIN PCB ASS'Y	AAV20PCB001

12) CARD DISPENSER MOTOR ERROR [E.c1],CARD DISPENSER SENSOR ERROR [E.c1]



► SOLUTION : CARD DISPENSER MOTOR ERROR [E.c1]

- 1 HOW TO TEST TEST MODE → CARD DISPEN TEST → SELECT button →SHOOTING button
- 2 Check MOTOR connector connection status (P3)
- 3 Check assembly status (P2,P3)
- 4 Check operation status (P 2)
- 5 voltage check (CARD DISPENSER PCB / CN7) : PIN 5 : 11V 이상 , PIN 2 : GND
- 6 voltage check (CARD DISPENSER PCB / CN1) : PIN 1 : GND , PIN 3 : 11V 이상
- 7 MOTOR replacement
- 8 voltage check (MAIN PCB / CN9) : A/B PIN 1,2 : Over 11V , PIN 5,6 : GND
- 9 MAIN PCB replacement

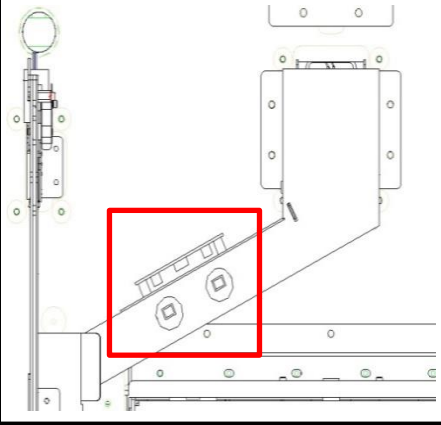
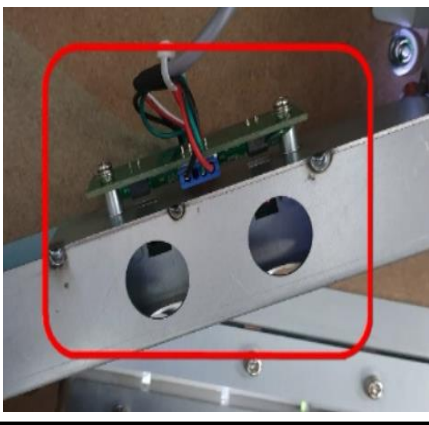
PART NAME	CODE	PART NAME	CODE
MOTOR	MZZZ0MOT089	MAIN PCB ASS'Y	AAV20PCB001

► SOLUTION : CARD DISPENSER SENSOR ERROR [E.c1]

- 1 HOW TO TEST TEST MODE → CARD DISPEN TEST → SELECT button →SHOOTING button
Check the sensor status of PLAY FND:When detected: " 0 " / When not detected: " 1 "
- 2 SENSOR PCB wiring connection and connector connection status check (P1)
- 3 Check the sensor assembly status and check the sensor bracket hole and sensor position(P3,P4)
- 4 voltage check (SENSOR PCB) : PIN 1: Over 4.5V , PIN 2: Below 0.1V, PIN 4: GND ,
PIN 3 : Detected Sensor over 4.5V / Non-detected sensor below 0.1V
- 5 SENSOR REPLACEMENT
- 6 voltage check(CARD DISPENSER PCB/CN5) : PIN 1: Over 4.5V, PIN 2: Below 0.1V, PIN 3: GND
- 7 CARD DISPENSER PCB replacement
- 8 voltage check (MAIN PCB / CN9) : A/B PIN 1,2 : Over 11V , PIN 5,6 : GND
- 9 MAIN PCB replacement

PART NAME	CODE	PART NAME	CODE
PHOTO INT-1 PCB ASS'Y	AZZZ0PCB103	MAIN PCB ASS'Y	AAV20PCB001

13) TOKEN SUCCESS SENSOR ERROR

ERROR OR LOCATION	CHECK 1	CHECK 2
		

► SOLUTION

※ 1 HOW TO TEST TEST MODE → INPUT TEST

TICKET FND 2ND,3RD DIGIT : sensor operation status / detected: " 0 " / When not detected: " _ "

- 2 Check if sunlight penetrates into the sensor area (P1)
- 3 SENSOR PCB wiring connection and connector connection status check (P2)
- 4 Check the sensor assembly status, check the presence of foreign substances inside (P1)
- 5 voltage check (SENSOR PCB) : PIN 1: Over 4.5V , PIN 3: Below 0.1V, PIN 4: GND ,
PIN 2 : Detected Sensor below 0.1V / Non-detected sensor over 4.5V
- 6 SENSOR PCB replacement
- 7 voltage check (MAIN PCB / CN12,13) : 1P CN12 / 2P CN13 (PIN 8: Over 4.5V, PIN 12: GND)
- 8 MAIN PCB replacement

PART NAME	CODE	PART NAME	CODE
CHUTE SENSOR PCB ASS'Y	ASAW0PCB001	MAIN PCB ASS'Y	AAV20PCB001