

Test 05		Sound	Display the current sound effect volume and sound number; Up and down keys to switch the sound number; Confirm key to switch sound effect volume and background volume;
Test 06		Ticket out	Display the number of tickets to be drawn; Press the up key to increase the ticket value; Press the down button to modify the value of each increase of the ticket is 1, 5, 10, 100;
Test 07		Ball out	Display the ball-out state and the signal of the ball-out switch; Press the up button to release balls;
Test 08		Party Time light	Display the number of Party Time lights; Press the up and down keys to modify the number of Party Time lights;
Test 09		JP light	Display the number of JP lamps; Press the up and down keys to modify the number of JP lamps;
Test 10		Spinning wheel	Display the status of sensor of the spinning wheel and the info of grids;

#### Error code

Error code	Problem	Trouble shooting
E020	Ball detection failure	1. Check whether the ball-out motor operates or not during the single test; if not, check the following: *. Whether the wiring between the main board and the motor is normal; *. Whether the motor is normal; 2. Detect whether the ball-out sensor is normal, if not, replace the sensor.
E021	Spinning Wheel detection failure	1. Check whether the Spinning Wheel motor operates; if not, check the following: *. Whether the driver board is normal; *. Whether the connection between the motherboard and the driver is normal; 2. Whether sensor of the Spinning Wheel reset or the counting grids is normal; if not, replace the sensor.
E025	Ball launching sensor failure	*. Detect whether the ball-out exit is blocked by ball; *. Detect whether the sensor is abnormal; *. Check whether the connection between the main board and the sensor is normal;
E027	Bridge detection failure	1. Check whether the Bridge motor operates; if not, check as follows: *. Whether the motor driver board is normal; *. Whether the connection between the motherboard and the driver is normal; 2. Detect whether the Bridge reset sensor and the counting grid sensor are normal, if not, the sensor needs to be replaced
E066	Solenoid Multi-ball Action is detected abnormal.	1. Open the rear door and pull the tail of the solenoid by hand to see if it moves smoothly. If it does not, loosen the anti slip nut at the tail till the solenoid moves smoothly. 2. Check whether the sensor of the solenoid is normal. If not, replace the sensor.
E082	Extension communication faulty	1. Check whether the connection between the extension and the host is normal; 2. Check whether the main extension number is set normally; 3. Check whether the main extension board is normal;

# Troubleshooting

Coin not responding.

- (1) Check whether the coin acceptor has power
- (2) Check wiring between coin acceptor and host (credit board)
- (3) Contact Sega support for further advice or check [segaarcade.com](http://segaarcade.com) for tips

Button not responding.

- (1) Check whether the IO board is powered on
- (2) Check whether the serial port line is plugged in correctly and whether the wiring is OK.
- (3) Check whether the button/switch affected has good connection
- (4) Check if there is a logic or supply voltage across the switch
- (5) Contact Sega support for further advice or check [segaarcade.com](http://segaarcade.com) for tips

No sound

- (1) Check whether the power amplifier has power
- (2) Check whether the audio plug of the host is connected securely.
- (3) The above two points have been eliminated but the problem remains, please replace the motherboard, or contact Sega

No display

- (1) Check whether the LCD is in good condition and the wiring is securely connected.
- (2) If it is eliminated but the problem persists, please replace the motherboard.

Centre wheel not turning.

- (1) The centre wheel is controlled by the P1 left side main board. Ensure that the left side "Machine ID is set to #1
- (2) Swap the two main boards over and set the ID's the #1 & #2 respectively and power on and test again.
- (3) Check if the LED is ON on the motor drive board which denotes the main board has sent the ON signal to the drive board
- (4) Check the motor is receiving power (12vdc)

Bridge Motor is turning back and forth.

- (1) Check the opto sensor is working. It has a 5vdc supply.
- (2) Check the signal is activating when blocked. (3vdc active low)

Bridge motor is turning in reverse.

- (1) Ensure that the left main board is set as machine ID #1 and the right side main board is set to Machine ID# 2