HVP-70 ERROR CODE

Error Code	Cause of the Problem	Status and Measurement
ER0. 4	1. When power on, detected high voltage 2. Connect the wrong voltage, too high. 3. Aluminum casing resistor for the brake circuit is defective or main board F2 fuse burst.	Motor and machine will be shutting down. 　Please check the AC power.　(Too high) 　**＊If control box is AC 220V system, don't use the AC 380V power voltage, otherwise the LED will display ER0. 4 after 2 second of power ON. If continue supply the 380V power, the electrolytic capacitors (C7,C8,C9) of main board will burst open over a period of time and cause the fuses (F3,F4) of power input open circuit.** 　Please check the main pc board. 　Please check the aluminum casing resistor and main board F2 fuse.
ER0. 5	1. When power on, current sensor detect low voltage 2. Connect the wrong voltage, too low..	Motor and machine will be shutting down.. 　Please check the AC power.　(Too low) 　Please check the main pc board.
ER0. 7	1. Bad connection at the motor connector. 2. Synchronizer (sensor) signal error. 3. Synchronizer is a single position type, and parameter set wrong type. 4. Machine locked or object stuck in the motor pulley. 5. Sewing material is too thick.	Motor and machine will be shutting down. 　Please check the motor or motor connectors' connection. 　Please check the Synchronizer (sensor) and its signal. 　Please check machine head to see if objects stuck in the motor pulley, or rotate not smoothly.
ER0. 8	Operation Box linked to CPU interface had communication error	Motor and machine will be shutting down. 　Please check the Operation Box.
ER0. 9	1. Machine solenoid shorted. 2. Main board's power transistor is faulty.	Motor still can run, but all output signals and Operation box's pattern sewing function will be invalid.. 　Please check machine's solenoids or the resistance value is 2 Ω less. 　Please check all the power transistors which related to solenoid.
ER0. 11	1. If parameter 【121.ANU】 is set ON, but Auto Needle Up is malfunction when the power turned on. 2. Machine locked or motor pulley have object stuck in it.	Motor still can run, but it automatic starts the clutch mode. All Constant-stitch sewing pattern and trimmer wiper function will be invalid. 　Please check Synchronizer's up position's signal. 　Please check main board's Synchronizer circuitry. 　Please check machine head to see if objects stuck in motor pulley, or rotate not smoothly.
⎡_⎤.	Motor rotation icon in LCD is halting and not moving. 1. Safety switch is either faulty or bad connection. (For interlock stitch or blind stitch machine). 2. Parameter 【075. SFM】 setting not match the machine head model.	Motor stops. 　Please check the safety switch. 　Please check parameter table on 【075. SFM】 setting, make sure it match machine head safety switch