


HVP-20 ERROR CODE

Error Code	Cause of the Problem	Status and Measurement
ER0.1	1. Power module detected error. 2. Abnormal over current or voltage occurred..	Motor and machine will be shutting down. Please check the power module. Please check the power board over current circuitry.
ER0.4	1. When power on, detected high voltage 2. Connect the wrong voltage or supply power is too high. 3. Aluminum casing resistor for the brake circuit is defective or power board F1 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 LCD will display ER0.4 after 2 second of power ON. If continue supply the 380V power, the electrolytic capacitors (C8,C9,C70) of power board will burst open over a period of time and cause the fuses (F1,F2) of EMI board open circuit. Please check the power board. Please check the aluminum casing resistor and power board F1 fuse.
ER0.5	1. When power on, detected low voltage 2. Connect the wrong voltage or supply power is too low..	Motor and machine will be shutting down.. Please check the AC power. (Too low) Please check the power board.
ER0.7	1. Bad connection at the motor connector. 2. Synchronizer (sensor) signal error. 3. Machine locked or object stuck in the motor pulley. 4. 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	If parameter 【121.ANU】 is set ON, but auto needle up is malfunction when the power turned on.	Motor and machine will be shutting down. Please check synchronizer's up position's signal. Please check control box. Please check machine head to see if objects stuck in motor pulley, or pulley rotate not smoothly.
ER0.12	Power on, no synchronizer signal or not connected (valid for under table motor)	Automatic starts the clutch mode. If use direct-drive motor, please short the pin 4 and pin 5 of the CN18 on the main board. If use under table motor, please check the synchronizer. (also check the connection and model)
	Motor rotation icon in LED 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's safety switch