

Self Diagnosis Error Codes

Before you send or bring the camera to us for a repair: Your camcorder has a self-diagnosis display function. This condition displays your camcorder's condition as a five digit code (combination of letters, numbers and figures) on the LCD screen display windows or on the view finder. If the five digit code is displayed. Check the error code chart, the last two digits indicated by □□ will differ depending on the state of your camcorder. If you are experiencing following error codes on your **Sony** camera or deck, most likely your camera or deck hardware has failed and needs an immediate attention. Call chat or email us to find a quick resolutions.

- 02-020 Optical block assembly (OP0) (referred to as OP hereafter) is recording at maximum laser output. Perform the pickup lens cleaning. Perform the pickup lens cleaning.
- 02-F2E OP laser is determined to be deteriorated in the laser deterioration assessment for OP (OP0).
- 02-F37 No movement is detected in the ND filter initial operation check of OP (OP0).
- 02-X25 OP (OP0) laser output error is detected.
- 02-X26 OP (OP0) laser output coefficient cannot be adjusted.
- 02-X27 OP (OP0) laser current is abnormal (zero or excessive).
- 02-X28 OP laser output is stopped judging that no cartridge is inserted.
- 02-X37 OP (OP0) ND filter setting cannot be changed.
- 03-060 OP (OP0) tracking servo is frequently down.
- 03-X54 No signal from disc required for OP (OP0) focus servo can be detected.
- 03-X57 No control current is detected in OP (OP0) focus servo.
- 03-X58 Excessive control current is detected in OP(OP0) focus servo.
- 03-X67 No control current is detected in OP (OP0) tracking servo.
- 03-X68 Excessive control current is detected in OP (OP0) tracking servo.
- 04-X7C OP (OP0) cannot move to disc's innermost circumference.
- 04-X7D OP (OP0) cannot move to disc's outermost circumference.
- 06-049 OP (OP0) SA actuator cannot move to the target position.
- 06-E41 OP (OP0) SA actuator home position cannot be detected during startup adjustment.
- 06-F41 OP (OP0) SA actuator home position cannot be detected during power-on initialization.
- 08-091 Spindle motor does not rotate after the predetermined time has passed (or no FG signal is detected).
- 08-095 Spindle motor cannot be stopped (or abnormal FG signal is detected).
- 08-292 Spindle motor rotation is detected during vertical move of loading.
- 08-992 Spindle motor rotation is detected during vertical move of unloading.
- 20-018 An abnormal current of the loading motor is detected.
- 20-111 Horizontal move of loading did not end within the predetermined time.
- 20-117 Displacement of cartridge is detected in the loader during horizontal move of loading.

- 20-118 An abnormal current of the loading motor is detected during horizontal move of loading.
 - 20-211 Vertical move of loading did not end within the predetermined time.
 - 20-213 Cartridge cannot be detected after loading.
 - 20-217 Displacement of cartridge is detected in the loader during vertical move of loading.
 - 20-218 An abnormal current of the loading motor is detected during vertical move of loading.
 - 20-811 Ejection operation did not end within the predetermined time.
 - 20-818 An abnormal current of the loading motor is detected during the ejection operation.
 - 20-911 Unchucking operation did not end within the predetermined time.
 - 20-918 An abnormal current of the loading motor is detected during the unchecking operation.
 - 34-500 Loader position sensor (SE-852 board) is detects abnormal code.
 - 34-509 Sensor hole (SE-850/851 board) is detects abnormal code.
 - 35-500 (Not displayed)X O Abnormality of acceleration sensor is detected.
 - 37-500 High TEMP! X O Optical block assembly (OP0) temperature sensor detects abnormal status.
 - 3C-500 HUMID! X O Dew condensation is detected.
 - 50-010 (Not displayed)X O BCA area data cannot be read.
 - 50-011 (Not displayed)X O BCA area data is invalid.
 - 51-020 DI read err X O PIC area data cannot be read.
 - 51-021 DI read err X O PIC area data is invalid.
 - 52-X0B Read err X O Address cannot be read from disc in optical block assembly (OP0).
 - 60-E00 (Not displayed)X O Optical block assembly (OP0) cannot seek to target position during startup.
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- 6F-E00 DRV ADJ err X O Optical block assembly (OP0) startup adjustment cannot be completed.
 - 91-125 System control CPU detects interruption in communication with key control CPU (KY: U1/KY-624 board).
 - 91-130 System control CPU detects flash memory (IC2905, IC2906/HPR-23 board) error.
 - 91-13B System control CPU detects an error in hours meter area (EEPROM:IC2701/HPR-23 board).
 - 91-13C System control CPU detects an error in adjustment data area (EEPROM:IC2701/HPR-23 board).
 - 91-13D System control CPU detects an error in hours meter area (EEPROM:IC2907/HPR-23 board).
 - 91-155 Communication between system control CPU and optical drive (DR-601 board) is interrupted.
 - 91-165 System control CPU detects interruption in communication with camera control CPU (IC209/AT-177 board) (System control CPU detects).
 - 91-185 System control CPU detects interruption in communication with IC for driving color LCD (IC1/PD-118 board) (System control CPU detects).
 - 91-1C1 System control CPU detects software option's installation key error.
 - 91-215 Key control CPU (KY: U1/KY-624 board) detects interruption in communication with system control CPU.

- 91-239 Key control CPU (FP: IC921/FP-157 board) detects EEPROM (IC913/FP- 157 board) error.
- 91-23E Key control CPU (FP: IC921/FP-157 board) detects color LCD EEPROM (IC3/PD-118 board) error.
- 91-275 Key control CPU (FP: IC921/FP-157 board) detects I2C I/O (IC202/CNB- 25 board) error.
- 91-285 Key control CPU (FP: IC921/FP-157 board) detects interruption in communication with color LCD EEPROM (IC1/PD-118 board) error (Key control detects).
- 91-2B5 Key control CPU (FP: IC921/FP-157 board) detects Real time Clock (IC908/FP-157 board) error.
- 91-430 CPU (NET-4 board) detects flash memory (IC907,IC908/NET-4 board) error.
- 91-551 Optical drive's system control CPU (DRV: IC600/DR-601 board) detects firmware error. Perform the firmware update.
- 91-595 Optical drive's system control CPU (DRV: IC600/DR-601 board) detects interruption in communication with SV DSP (IC400/DR-601 board) on the OP0 side.
- 91-596 Optical drive's system control CPU (DRV: IC600/DR-601 board) detects no reply from SV DSP (DRV: IC400/DR-601 board) on the OP0 side during communication with SV DSP.
- 92-101 System control CPU detects REF FOE error.
- 92-102 System control CPU detects REC FOE error.
- 95-101 Communication error between system control CPU and PCI bridge (IC801/HPR-23 board) is detected.
- 95-102 Communication error between system control CPU and i.LINK (IC1201/HPR-23 board) is detected.
- 95-103 Communication error between system control CPU and composite decoder (IC100/IV-59 board) is detected.
- 95-104 Communication error between system control CPU and MPEG IMX encoder (IC1600/DVP-45 board) is detected.
- 95-107 System control CPU detects an error in the MPEG encode device (TORINO: IC201, 401, 601 / ENC-107 board).
- 95-108 MMPEG encode device (TORINO: IC201 / ENC-107 board) has an error.
- 95-109 System control CPU detects an error in the MPEG decode device (TORINO: IC801, 1001 / ENC-107 board).
- 95-10A MMPEG decode device (TORINO: IC201 / HPR-23 board) has an error.
- 95-10C System control CPU detects signal processing device LVIS (IC501/HPR-23 board) error.
- 95-10F SSystem control CPU detects PROXY decoder (IC501/HPR-23 board) error.
- 95-110 System control CPU detects PROXY encoder (IC501/HPR-23 board) error.
- 95-111 SSystem control CPU detects PB DSP0 (IC1801/HPR-23 board) error.
- 95-113 System control CPU detects REC DSP0 (IC1701/HPR-23 board) error.
- 95-116 SSystem control CPU detects LRZ DSP0 (IC2001/HPR-23 board) error.
- 95-503 Optical drive's BDC (IC300/DR-601 board) error is detected during initial check.
- 95-507 AAdjustment data cannot be read from EEPROM in OP (OP0).
- 95-508 Hours meter data cannot be read from EEPROM in OP (OP0).
- 95-509 AAdjustment data cannot be read from optical drive's EEPROM (IC4/SE-850 board).
- 95-50A Hours meter data cannot be read from optical drive's EEPROM (IC4/SE-850 board).

- 95-50C Optical drive's SYS PE (IC700/DR-601 board) configuration error is detected.
- 95-50F Cannot access SDRAM (IC300/DR-601 board) for Optical driver's BDC (IC300/DR-606 board).
- 95-513 Optical drive's (OP0) BDC (IC300/DR-601 board) cannot set the SDRAM mode.
- 95-51C Optical drive's (OP0) BDC (IC300/DR-601 board) cannot reset free-run by SYS PE (IC700/DR-606 board).
- 95-52C Auto setting by SYS PE (IC700/DR-601 board) is disabled with power control of optical drive's (OP0) BDC (IC300/DR-601 board).