

4.3 Fatal Error Code

This section describes the fatal error code and the possible cause for this product.

Table 4-2. Fatal Error List

Error type	Error code	Error name	Possible cause	Suspect Parts
DC motor error (CR)	01H	PID excess load error	<ul style="list-style-type: none"> CR Encoder failure Motor driver failure Increase of CR load when printer is printing (CR shaft is damaged, CR shaft receiver is damaged, Grease is consumed, DR layshaft is deformed) Paper jam CR is collided to Front Tray Assy CR is collided to Upper Paper Guide Assy CR Motor failure 	<ul style="list-style-type: none"> CR Encoder CR FFC Main Board CR Shaft, CR Unit, Guide CR CR grease Remove Paper Jam Front Tray Assy Front Tray Sensor APG Assy Upper Paper Guide Assy CR Motor
	03H	PID reverse error	<ul style="list-style-type: none"> CR Scale stain CR Encoder failure Motor driver failure CR Belt failure CR Pulley failure 	<ul style="list-style-type: none"> CR Scale CR Encoder Assy CR FFC Main Board CR Belt CR Pulley
	05H	PID speed degradation error	<ul style="list-style-type: none"> CR Encoder failure Motor driver 	<ul style="list-style-type: none"> CR Encoder CR FFC Main Board CR Motor Paper Jam
DC motor error (PF)	F1H	PID excess load error	<ul style="list-style-type: none"> PF Encoder failure Motor driver failure Increase of PF load (CR Bush is worned, CR grease is consumed, PF Roller Center Support is deformed, CR is collided to Front Tray Assy) Paper jam PF Motor failure 	<ul style="list-style-type: none"> PF Encoder Main Board Check PF Belt tension CR Shaft grease Check PF Roller Shaft Center Support Position Adjustment PF Roller PF Encoder Paper Jam PF Motor Front Tray Assy Rear Guide Assy
	F3H	PID reverse error	<ul style="list-style-type: none"> PF Scale stain PF Encoder failure Motor driver failure PF Belt failure 	<ul style="list-style-type: none"> PF Scale PF Encoder PF Encoder FFC Main Board PF Belt
	F6H	Over current error	<ul style="list-style-type: none"> Connection failure of the PF Motor or the PF Encoder. PF irregular load PF Motor or PF Encoder failure. 	<ul style="list-style-type: none"> PF Encoder PF Motor

Table 4-2. Fatal Error List

Error type	Error code	Error name	Possible cause	Suspect Parts
Motor drive time error Motor drive time error	D1H	CR (PID) driving time error	• Firmware abnormal (sequence failure, bug)	• Firmware Update
	D3H	PF (PID) driving time error	• Firmware abnormal (sequence failure, bug)	• Firmware Update
	D5H	ASF driving time error		
	D6H	PUMP driving time error	• Increase of rotation load of Pump unit (deformation of gear, misarrangement of phase)	• Ink System
	D7H	APG driving time error	• Firmware abnormal (sequence failure, bug)	• Firmware Update
	D9H	Ink selector driving time error	• Increase of changing load of ink selector (deformation of gear)	• Ink Supply Unit
Command error	30H	EEPROM verify error (by command)	---	---
Printhead system error	40H	Transistor temperature error	• Main Board failure	• Main board
	41H	X-Hot detect error (pre printing)	• Printhead failure • Main Board failure	• Print Head • Print Head FFC • Main Board
	42H	X-Hot detect error (after flushing)		
	43H	Head temperature error		
Sequence error	50H	CR Home position error	• Paper jam • Foreign object • Deformation of the Main Frame • CR lock operation failure	• Ink System • Waste Ink Tube
	51H	Deadlock avoidance error		
	52H	Impossible contact detection error		
	53H	PF / ASF reset error	• detection operation of ASF phase failure	• ASF Assy • ASF Motor
	54H	LD Roller reset error		
	55H	Roll paper jam error	• Roll paper jam • Use non-supported media (PW detector cannot detect it) • Mistake of the paper feed method. • PW detector failure	• PW detector
Sensor error	60H	PW detector error	• PW detector failure	• PW detector
	61H	PW detector confusion error	• Detection operation of PW failure (detection reflection rate) (Printing to platen, ink mist attach to Front Paper Guide) • Paper jam	• Front Paper Guide Assy • PW detector • Remove Paper jam
	62H	CD tray detection error	• CD tray setting failure • CD tray failure • CD is not put on the tray • PW detector failure	• CD tray • PW detector
APG error	70H	APG assignment position driving error	• Detection operation of ASF phase failure • Deterioration of PF durability • PG Adjustment of right and left failure	• APG Assy • Bushing Cam PG • Bushing balancing adjustment part
	71H	APG reset error		
Ink device error	B0H-CFH	Ink device error	• Ink Cartridge failure • CSIC Terminal failure • CR Contact Module failure • Main Board failure	• Ink Cartridge • CSIC • CRCM • Main Board
Circuit error	80H	Circuit error (include FFC disconnection and fuse blowout)	• Main Board failure • FFC disconnection	• Main Board • FFC

Note "•": Not occurs except in manufacturing process.