

System Fault Codes

PDJ

7-Mar-2019

| <u>Fault Number</u> | <u>LED Blink Codes</u> | <u>Fault Description</u> |
|---------------------|--|--|
| Error Code 1.1 | 1 red flashes with yellow - 1 red flash without yellow | Restart failure |
| Error Code 2.1 | 2 red flashes with yellow - 1 red flash without yellow | Battery start current high |
| Error Code 3.1 | 3 red flashes with yellow - 1 red flash without yellow | Engine stoped unexpectedly, Out of gas |
| Error Code 3.2 | 3 red flashes with yellow - 2 red flash without yellow | Engine over speed |
| Error Code 4.1 | 4 red flashes with yellow - 1 red flash without yellow | Battery voltage low |
| Error Code 4.2 | 4 red flashes with yellow - 2 red flash without yellow | Battery voltage high |
| Error Code 5.1 | 5 red flashes with yellow - 1 red flash without yellow | Battery temperature low |
| Error Code 5.2 | 5 red flashes with yellow - 2 red flash without yellow | Battery temperature high |
| Error Code 5.3 | 5 red flashes with yellow - 3 red flash without yellow | Battery thermistor shorted |
| Error Code 5.4 | 5 red flashes with yellow - 4 red flash without yellow | Battery thermistor open |
| Error Code 6.1 | 6 red flashes with yellow - 1 red flash without yellow | Tilt sensor 1 fault |
| Error Code 6.2 | 6 red flashes with yellow - 2 red flash without yellow | Tilt sensor 2 fault |
| Error Code 7.1 | 7 red flashes with yellow - 1 red flash without yellow | Flow sensor LED voltage low |
| Error Code 7.2 | 7 red flashes with yellow - 2 red flash without yellow | Flow sensor LED voltage high |
| Error Code 7.3 | 7 red flashes with yellow - 3 red flash without yellow | Flow sensor LED current low |
| Error Code 7.4 | 7 red flashes with yellow - 4 red flash without yellow | Flow sensor LED current high |
| Error Code 8.1 | 8 red flashes with yellow - 1 red flash without yellow | Reference voltage |
| Error Code 8.2 | 8 red flashes with yellow - 2 red flash without yellow | Power supply voltage |
| Error Code 8.3 | 8 red flashes with yellow - 3 red flash without yellow | Stepper supply voltage |
| Error Code 8.4 | 8 red flashes with yellow - 4 red flash without yellow | PCB temperature low |
| Error Code 8.5 | 8 red flashes with yellow - 5red flash without yellow | PCB temperature high |
| Error Code 8.6 | 8 red flashes with yellow - 6 red flash without yellow | Firmware checksum |
| Error Code 8.7 | 8 red flashes with yellow - 7 red flash without yellow | EEPROM checksum fault |