



Error Codes for Current Model Toyostoves

WARNING

Rural Energy Enterprises, Inc. does not accept liability for the improper use of this information. Installation, service, and maintenance of heating equipment should be performed by a qualified technician. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, personal injury, or loss of life.

Applies to Toyostove Laser 300, 530, 560, 730

E-0

Power failure (low voltage or unstable frequency) not power went out. The unit should restart after a power outage. Power is either too high or too low. Are the Hertz correct? Use a quality multi-meter that has the capability of testing frequency (Hz).

E-2

No flame detected. Like an EE-2 error. Look at fuel distribution, tank height, fullness, flame sensor, ignitor, fuel nozzle, fuel pump.

E-6

Loss of flame two times after pre-heat. E-6 is like the EE-6 error code, loss of flame two times in a row after preheating. The code does not indicate a tripped high limit. Check for issues in the fuel distribution line, (kinked or frozen fuel lines, fuel filter plugged, inlet screen, needle seat in the sump, pump).

E-8

Combustion blower issue. E-8 Motor stuck, burnt out, disconnected revolution sensor, corrosion on the bottom of the revolution sensor wire connections, MCB.

E-12

Tripped high limit. E-12 Tripped high limit. Over firing, plugged or dirty filter or fan surround, grime on the cutting edge of the fan blade. Check for operation issues with the circulation blower motor (bearings, windings, power from the main circuit board).

E-13

Burner thermistor is not reading the proper resistance. E-13 Disconnected burner thermistor wire, burner thermistor wire broken, faulty thermistor, MCB, too cold outside, bad flue.

E-22

Ignition failure three times in a row and unit is in a hard lockout. E-22 Hard lock-out. E-2, three times in a row, unplug for 30 minutes and refer to E-2.

E-23

Primary flame rod. E-23 Primary flame rod is dirty, sooted, disconnected.