Accessing the Diagnostics Menu

Describes how to access the diagnostics screen in the laser cutter to diagnose problems with any of the external switches.

	File: TempFile Speed: 33m/3.0 WaxPow: 99.00
	X: 227.8 mm Y: 163.7 mm
	Esc
	Idla 00.00.00 Count: 1.V. 0.0mm V. 0.0mm Lap.0FF
L	Origin Frame
Reset	Pulse Speed Min- Max- File Start- Power Power File Pause

INTRODUCTION

The diagnostic screen is helpful for diagnosing problems with switches and other inputs to the laser cutter.

Step 1 — Access the menu



Press the Z/U key to access the menu.

Step 2 — Select Diagnoses+



- Press the *Down* button until *Dianoses+* is highlighed.
- Press the Enter key.

Step 3 — Diagnostic Panel

XLimit+	XLimit-	File: Speed:	3333 101mm/s
YLimit+	YLimit-	MaxPow:	34.0%
ZLimit+	ZLimit-	X:	80.7 nm
ULimit+	ULimit-	Y: Z:	80.7 mm . 3000.0 mm
Water prot1			
Water prot2			
Open prot].		,
	Read para		
Idle 00.00.00 Cou	nt: 1 X: 0.0mm	Y: 0.0m	n Lan OFF

- The Diagnosis panel shows the status of all the inputs to the machine.
- *i* If the machine is ready to go, no lights should be lit.
 - Limits; The limit switches X, Y, Z of the machine.
- Water Prot1: When lit, the water flow switch doesn't show flowing water.
- **Open prot:** When lit, the lid switch of the machine shows that the lid is OPEN.

Step 4 — Exiting the panel



Press *Esc* to exit the diagnostics menu.