



EZ Manual CT4xx

- ▶ DC Power Voltage Checks
- ▶ I-Mark and Gap Sensor Adjustment
- ▶ Dip Switch Setting

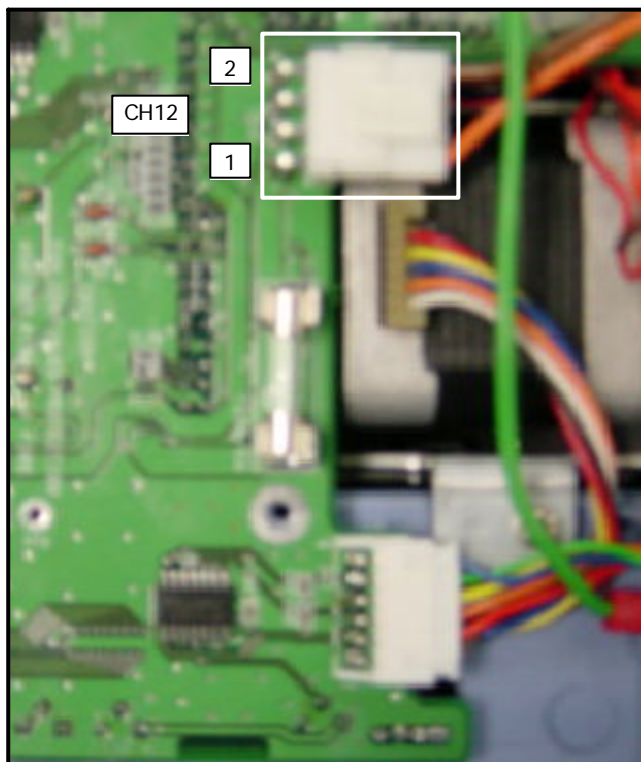


Ensure that the power of printer is turned OFF before starting checks.

STEPS

- 1 Turn on the printer.
- 2 Connect 3 Pin of CONT PCB CN 17 (GND) to Minus Pin of probe, and measure the voltage by connecting Plus Pin to what is to be measured (refer to the chart below).
- 3 Turn off the printer.

Voltage	Connect to SIG	Standard
+3.3	1 PIN (CN 16)	+3.2 to +3.4
+5.0	4 PIN (CN 17)	+4.8 to +5.2
+25	2 PIN (CN 16)	+24.0 to +25.0

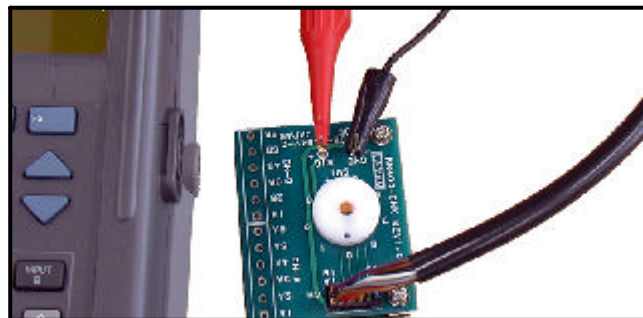
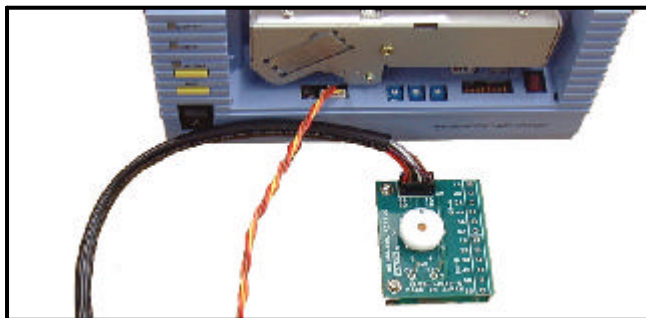
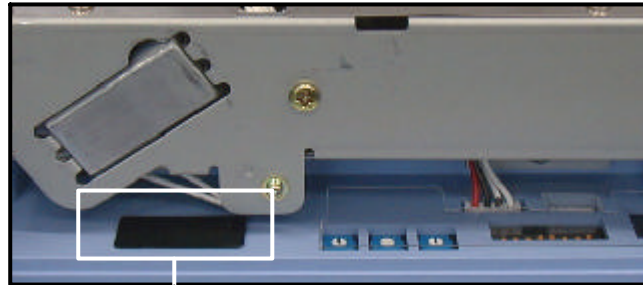


DC Power Voltage Checks

Ensure that printer is turned OFF before starting checks.

STEPS

- 1 Remove the front and back covers.
- 2 You can find the connector after removing the back cover. Then connect the adjustment JIG.
- 3 Connect the probe to the adjustment JIG after confirming the value using the chart below.
- 4 Turn on the power after setting the label.
- 5 Adjust the volume so that the value is within the standard specified by the chart below.
- 6 Turn OFF the power after the adjustment.



VR	Sensor	Standard	Place	JIG
VR2	I-Mark	Lo: +0.5V below Hi: Lo +1.0V above	CN17	4
VR3	Gap	Lo: +0.5V below Hi: Lo+ 1.0V above	CN17	3

I-Mark and Gap Sensor Adjustment

Dip Switch Setting

No.	Setting	Contents
1	Fig 1	Operation mode setting
2		
3		
4	ON OFF	Thermal Transfer Direct Thermal
5	ON OFF	Head Check Enabled Head Check Disabled
6	ON OFF *	VR1: Adjustment for print darkness VR1: Adjustment for print stop position Adjustment for print pitch
7	ON OFF	VR1 Hex dump Enabled Hex dump Disabled
8	ON OFF	Interface: IEEE1284 Interface: Optional interface board

Fig 1

DSW No.			Operation mode
1	2	3	
OFF	OFF	OFF	Continuous
ON	OFF	OFF	Tear off
OFF	ON	OFF	Cutter
ON	ON	OFF	Dispenser
OFF	OFF	ON	Linerless
ON	OFF	ON	Program download mode
OFF	ON	ON	Font download mode
ON	ON	ON	Reserved

* Adjustment for print stop position for PCB Rev. 1.3 and above (with VR4)
Adjustment for print pitch for PCB Rev. 1.2 and below (without VR4)