

# Trouble shooting for JV33 and CJV30 (TPC)

~Electrical issue~

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Mimaki USA Tech center: Tomo Harada

## 1. Introduction

In case of JV33, CJV30 (includes TPC) field trouble, there are some electrical problem that Print head or PCB would be broken.

This procedure explains what's going on totally and collects all procedures that were released before.

## 2. List of the errors

The errors below will happen when Print head or PCB were broken.

- A. Head (1 or some lows) fires all nozzles or it doesn't fire at all.
- B. Error 200 [HEAD MEMORY]
- C. Error 07 [HEAD or VOLTAGE]
- D. Machine doesn't turn ON at all.
- E. Error 50 [MEDIA DETECT or MEDIA POSITION] (Only JV33)
- F. Error 205 [47V HEAD VOLTAGE] (Only CJV30 and TPC)

## 3. Procedure to refer

	Cause	Improvement
A	HDC-FFC was broken	Look at <b>D900675</b> JV33 Procedures of fixing FFC Object <b>JV33-130: G0704001~G0805345</b> <b>JV33-160: G1704001~G1805329</b> CJV30: Already improved for all machines
B	Head FFC has misconnection or bad connection	Look at <b>D900674 section 8</b> Look at <b>[Trouble shooting for JV33] section 1</b>
C	Head voltage has a noise when Power OFF Power ON/OFF sequence bug	Improved by FW Ver.1.80 or later (JV33) FW Ver.1.00 or later (CJV30)
D	Static damage	Guide to customer Remove the media gentry when media jammed Touch metal parts to remove static before touch slider
E	Head replacement when machine still has remaining voltage	Wait over than 15 minutes after Main switch off before head replacement Look at <b>D900674 section 3 (JV33)</b> Look at <b>[Service document] section 2.1.2</b>