JV5/JV33/CJV30 Main PCB replacement guideline

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1. Introduction

Main PCB replacement regularly requires downloading backed-up parameter file to make it as same condition as before replacement. However, parameter backing-up is unable sometimes due to not powering up.

The brand new main PCBs come with initialized parameter setting that will cause strange phenomenon.

So there will be some settings need to be performed at replacement.

The document explains necessary settings for main PCB replacement.

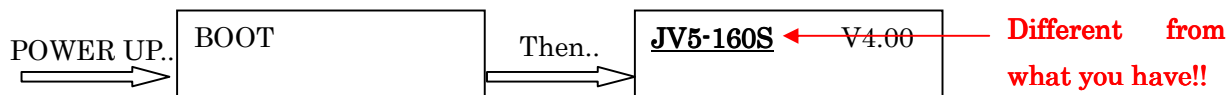## 2. Example of phenomenon occur at Main PCB replacement

The following phenomenon may occur at Main PCB replacement without downloading backed-up parameter.

    A. Equipment displays different equipment name or size other than what you have

    B. Equipment displays language other than English

    C. Equipment becomes stand-by without initializing process

    D. Warning/Error display relating ink system

    E. There are noises or vibrations occurring on X and/or Y axis and/or error messages relating X/Y axis occur immediately after these noises or vibrations

    F. Capping/Wiper position off or Cleaning function failure

    G. Any other adjustment problems

    H. Any other print setting differences such as heater temp., overprint and so on

Please read from next section to clear up the phenomenon above.

3. Procedure to clear up

A. Equipment displays different equipment name or size other that what you have

POWER UP.. → | BOOT | Then.. → | **JV5-160S** ← V4.00 → **Different   from what you have!!**

The parameters below must be set as the equipment type and size that you have.

JV5 series	SYSTEM No.42 [ModelDS]	SYSTEM No.44 [MECAsiz]
JV5-130S	0	0
JV5-160S	0	1
JV5-320S	0	3
JV5-320DS	1	3
Default	**0**	**0**

JV33 series	SYSTEM No.44 [MECAsiz]
JV33-130	1
JV33-160	2
JV33-260	4
Default	**0**

CJV30/TPC	SYSTEM No.40 [ModelTA]	SYSTEM No.44 [MECAsiz]
CJV30-60	0	1
CJV30-100	0	2
CJV30-130	0	3
CJV30-160	0	4
TPC-1000	1	2
Default	**0**	**1**

*1 Reboot machine with main power switch after setting parameters

*2 Do not combine values other than above

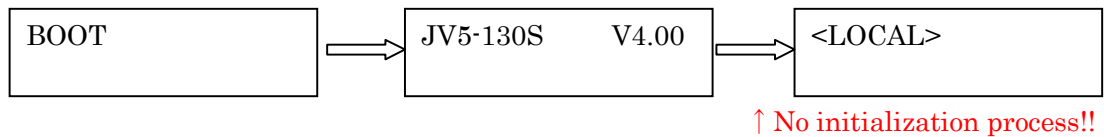**B. Equipment displays language other than English**

オマチクダサイ	Can't read!!	<ローカル>

1. Change parameter below

JV5 series	SYSTEM PARAMETER No.46 [SUPPORT] → 3
JV33 series	SYSTEM PARAMETER No.46 [SUPPORT] → 3
CJV30/TPC	SYSTEM PARAMETER No.46 [SUPPORT] → 3

2. Select [FUNCTION] - [DISPLAY] - [ENGLISH] and hit [ENTER]

3. Change parameter above back to original value

C. Equipment becomes stand-by without initializing process

BOOT	⟹	JV5-130S V4.00	⟹	<LOCAL>

↑ No initialization process!!

Change parameter below

JV5 series	SYSTEM PARAMETER No.45 [HASH] → 0
JV33 series	SYSTEM PARAMETER No.45 [HASH] → 0
CJV30/TPC	SYSTEM PARAMETER No.45 [HASH] → 0

D. Warning/Error display relating ink system

<LOCAL>
CARTRIDGE MCYK

Cartridge error even inks are in…

Because default parameters have information of [ES3 ink 4 color mode], parameter change is required in case of other ink types and/or color settings are in.

1. Change parameter below

JV5 series	RUNNING PARAMETER No.121 [FILUP] → 0
	CUSTOME PARAMETER No.95 [INKspec] → －1
JV33 series	RUNNING PARAMETER No.121 [FILUP] → 0
	CUSTOME PARAMETER No.95 [INKspec] → －1
	CUSTOME PARAMETER No.96 [INKSET] → －1
CJV30/TPC	RUNNING PARAMETER No.121 [FILUP] → 0
	CUSTOME PARAMETER No.95 [INKspec] → －1
	CUSTOME PARAMETER No.96 [INKSET] → －1

2. Proceed ink fill up sequence as machine installation.

   *If you don't want to waste inks, open cover sensor while ink fill up and change parameter below.

JV5 series	RUNNING PARAMETER No.121 [FILUP] → 3
JV33 series	RUNNING PARAMETER No.121 [FILUP] → 1
CJV30/TPC	RUNNING PARAMETER No.121 [FILUP] → 1

*Do not perform the process above on original machine installation.

E. There are noises or vibrations occurring on X and/or Y axis and/or error messages relating X/Y axis occur immediately after these noises or vibrations

1. In case of noises or vibrations occurring, proceed [FUNCTION]－[#ADJUST]－[MOTOR CURRENT]

2. In case of error messages are occurring, change parameter below
   Then proceed [FUNCTION]－[#ADJUST]－[MOTOR CURRENT]

JV5 series	MAINTE PARAMETER No.61 [PRMsw] → 1 MAINTE PARAMETER No.62 [DEBsw] → 3 ADJUST PARAMETER No.0 [MTRCURX] → 1 4 0 ADJUST PARAMETER No.1 [MTRCURY] → 1 4 0
JV33 series	MAINTE PARAMETER No.61 [PRMsw] → 1 MAINTE PARAMETER No.62 [DEBsw] → 3 ADJUST PARAMETER No.0 [MTRCURX] → 1 3 0 ADJUST PARAMETER No.1 [MTRCURY] → 1 3 0
CJV30/TPC	MAINTE PARAMETER No.61 [PRMsw] → 1 MAINTE PARAMETER No.62 [DEBsw] → 3 ADJUST PARAMETER No.0 [MTRCURX] → 1 3 0 ADJUST PARAMETER No.1 [MTRCURY] → 1 3 0

F. Capping/Wiper position off or Cleaning function failure
Proceed [FUNCTION]－[#ADJUST]－[CAPPING]

G. Any other adjustment problems
[FUNCTION] － [#ADJUST] and proceed whatever adjustment relating to your problems

H. Any other print setting differences such as heater temp., overprint and so on

[FUNCTION]－[SETUP]   for JV5/JV33/CJV30
[FUNCTION]－[MACHINE SETUP]   for JV5/JV33/CJV30
       －[MACHINE SETUP 2]   for JV33
       －[COMMON SETUP]   for CJV30