

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:*Service Procedure for Panel, Board
and Software Change / Upgrade*

<u>Version</u>	<u>Date</u>	<u>Subject</u>
1	2021.06	1st issue

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Revision of Information:

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GR1VH CHASSIS
AG, AQ, AS, AT Segment
APH/APHB, AR/ARB, AX/AXB Segment

GN6VH CHASSIS
NX2 Segment

SONY[®]

9-888-903-01

TABLE OF CONTENTS

<u>Section Title</u>	<u>Page</u>
Section 1 NOTES	
1-1. Replacing Service Parts	3
1-2. USB Memory Format	3
1-3. USB Update file Preparation	4
Section 2 APH/APHB, AX/AXB, AR/ARB, AG, AQ, NX2 segment (LCD Model)	
2-1. Service Procedure for B-board Replacement	5
2-2. Service Procedure for T-Con Replacement	6
2-3. Service Procedure for Panel Replacement	7
Section 3 AT, AS segment (OLED Model)	
3-1. Service Procedure for B-board Replacement	8
3-2. Service Procedure for Panel Replacement	9

Section 1 NOTES

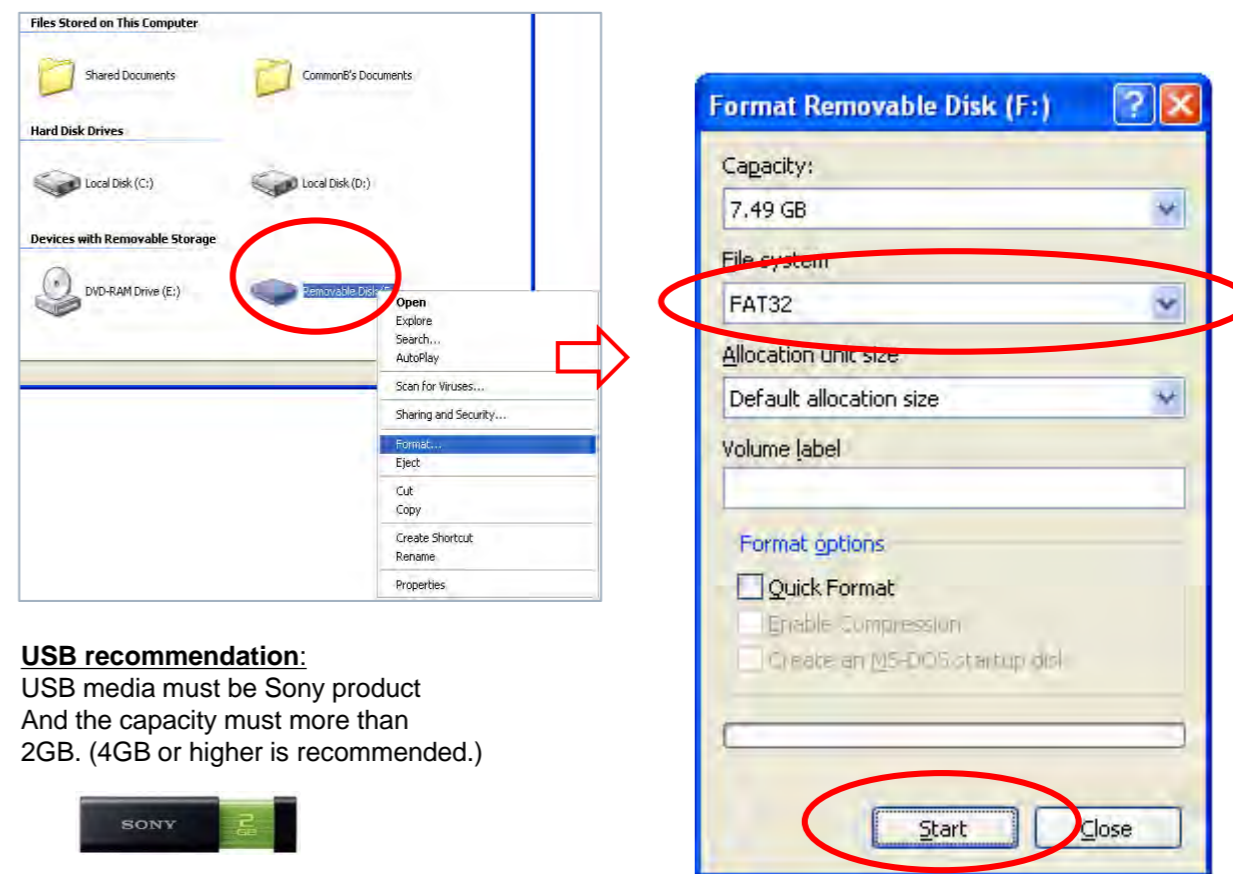
1-1. Replacing Service Parts for GR1VH Series

1. After replacing the B** board, Panel, or T-Con you need to upgrade Software by using the USB memory. (Upgrade Software even if replacing the Panel only.)
2. Before upgrading Software, be sure to disconnect all cables.
3. After upgrading the version, you need to confirm the NVM Version, Model Name, Software version and Serial Number from the Service menu. (Incorrect settings affect the set's capabilities.)
4. When upgrading Software, be sure to download the most recent version. (If the version of Software already on the repair board is newer than the version of Software for upgrade, Software is not upgraded.)

Remark : List of (B Board); please refer to each segment Service Manual for details.**

1-2. USB Memory Format.

1. There is no special restriction on USB memory. If you connect the USB memory to the computer and it is recognized, you can use it.
2. The USB memory should be formatted in FAT32.



USB recommendation:

USB media must be Sony product
And the capacity must more than
2GB. (4GB or higher is recommended.)

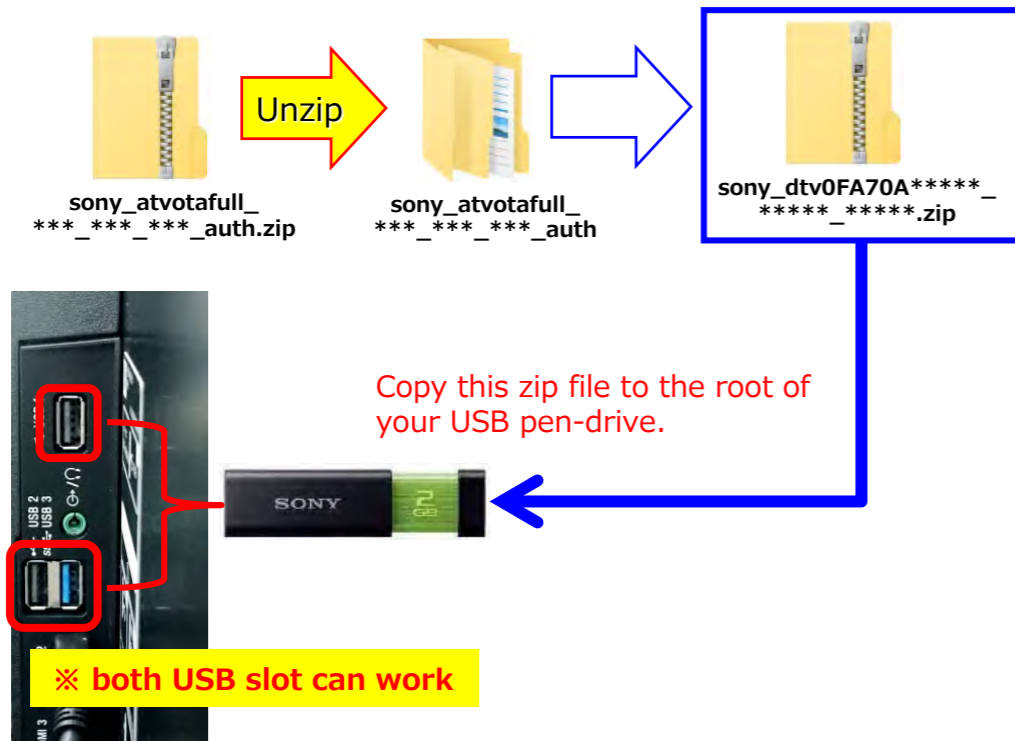


USB Format

1-3. USB Update file Preparation

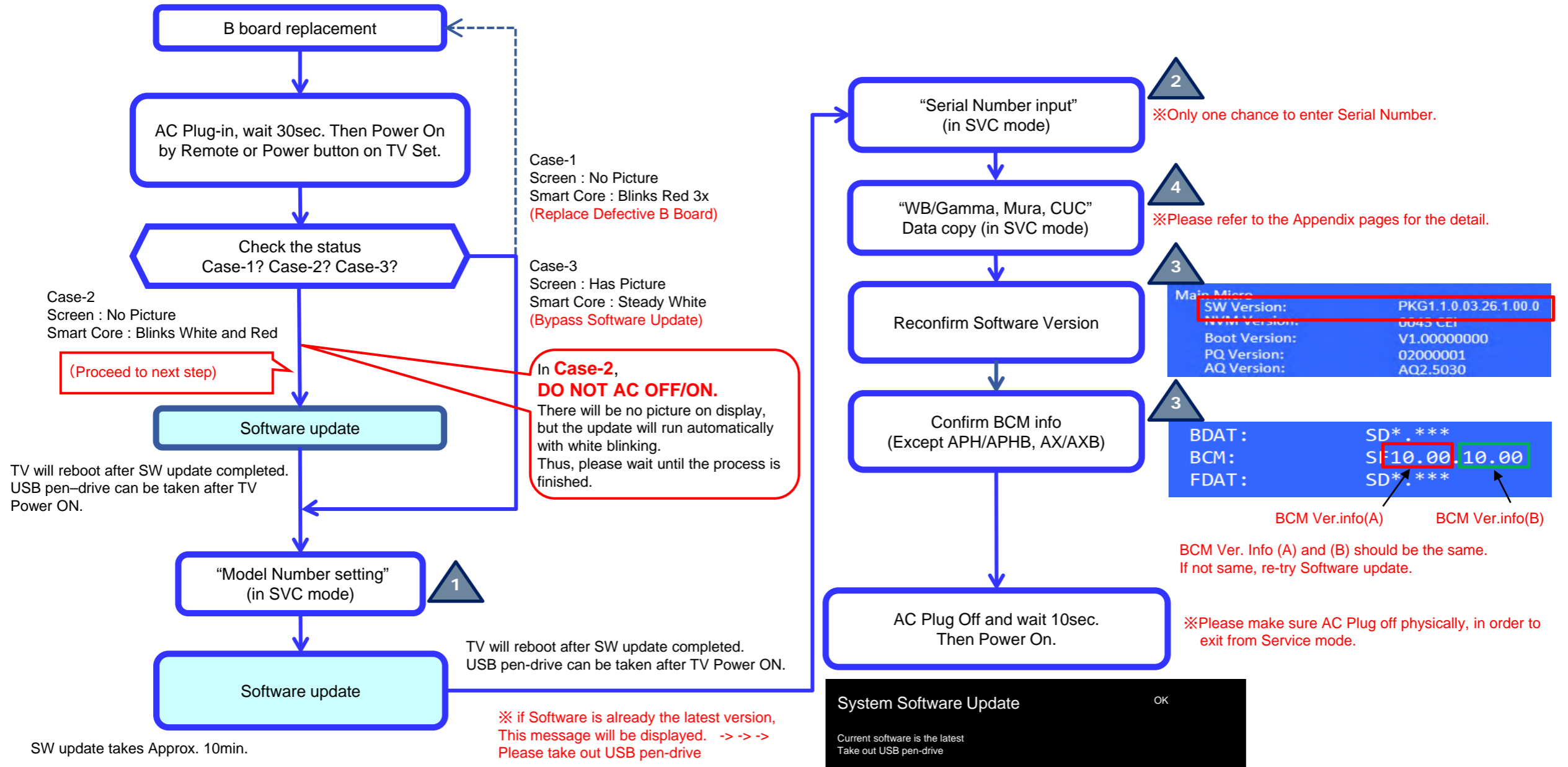
【Procedure】

1. Obtain correct and the latest SW PKG. (atvota file)
2. Unzip atvota file. ([sony_atvotafull_20xx_zzzzzzzzzz_yyy_auth.zip](#))
note: file name may differ depending on destination
3. After unzip, a folder of [sony_atvotafull_20xx_zzzzzzzzzz_yyy_auth](#) will be created
This folder consists of [sony_dtvxxxxxxxxxxxx_xxxxxxxxx_xxxxxxxxxxxxxx.zip](#)
4. Copy this zip file to the root of your USB pen-drive.



Section 2 APH/APHB, AX/AXB, AR/ARB, AG, AQ, NX2 segment (LCD Model)

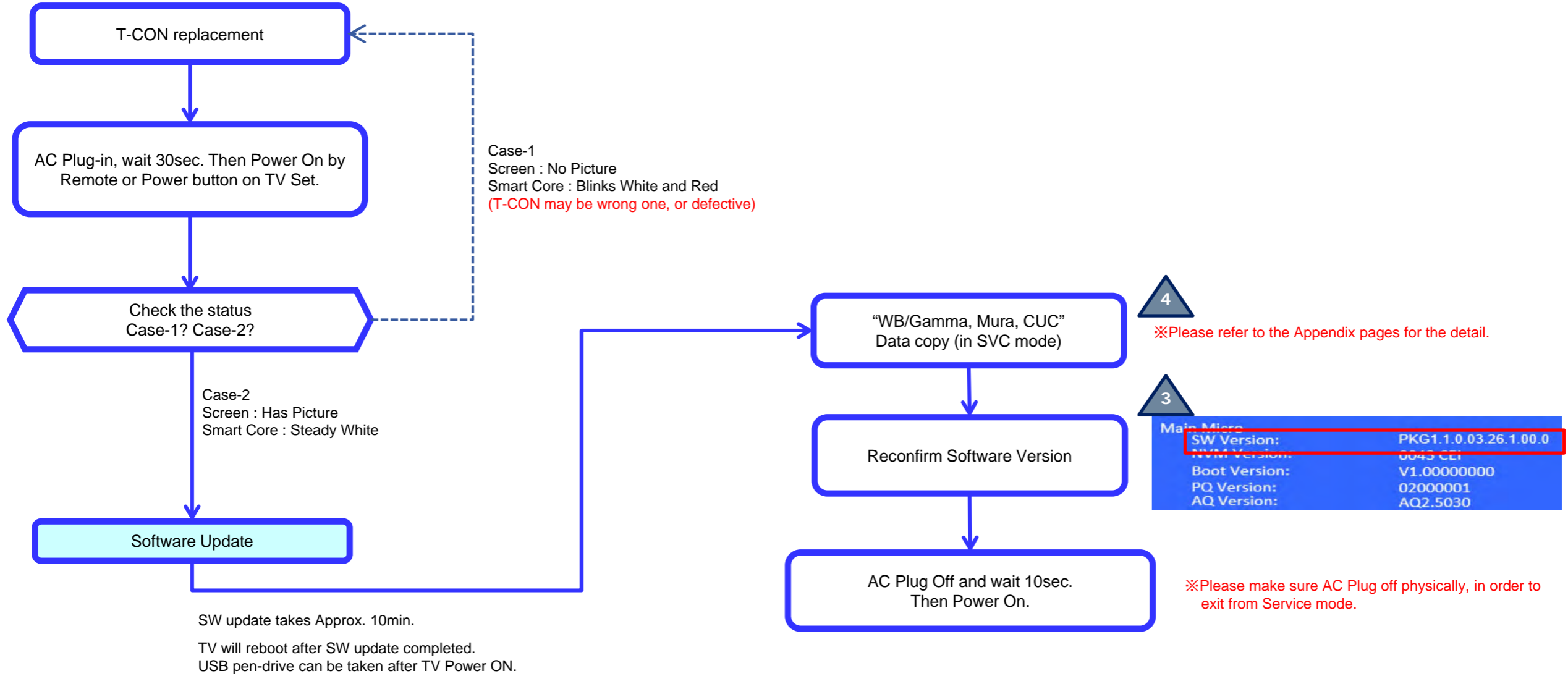
2-1. Service Procedure for B-board Replacement



SW update takes Approx. 10min.

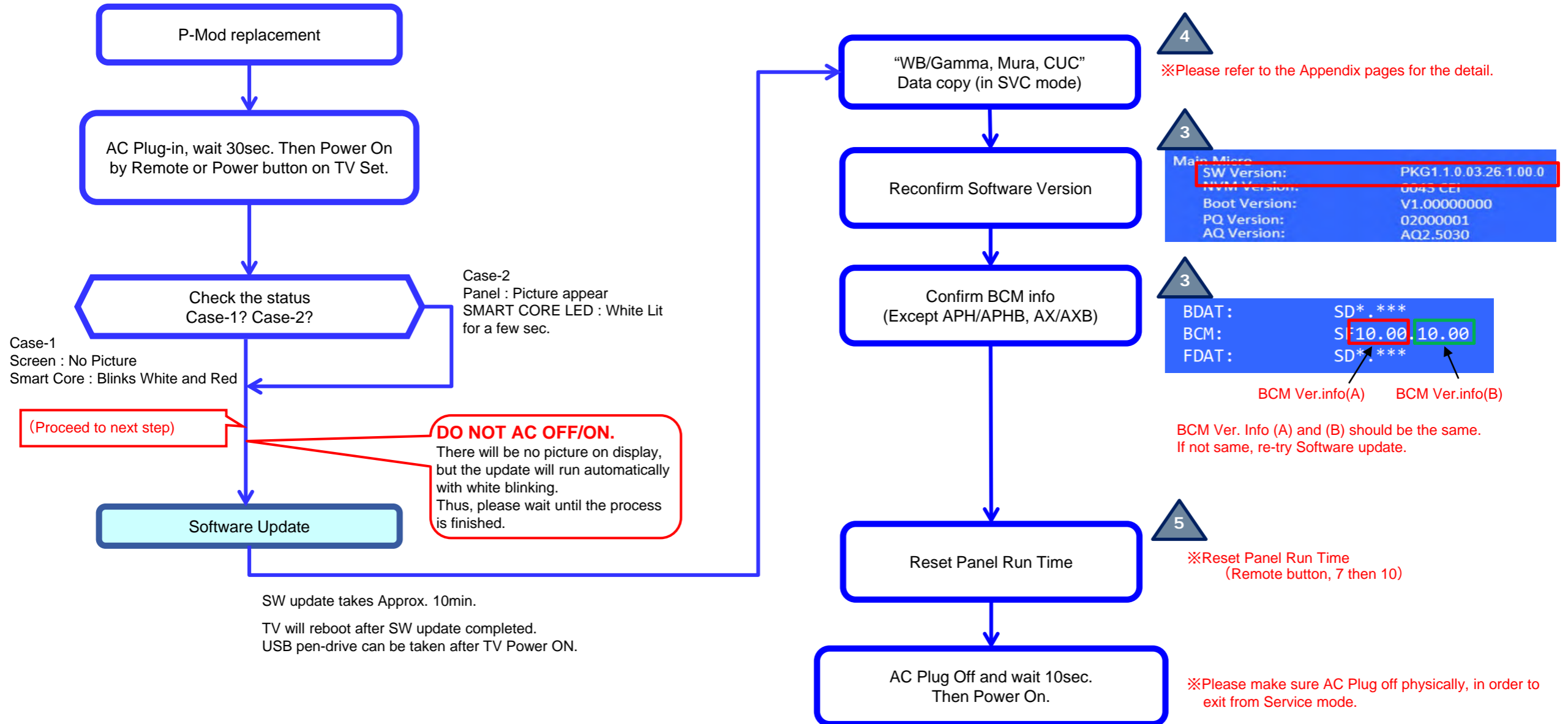
Section 2 APH/APHB, AX/AXB, AR/ARB, AG, AQ, NX2 segment (LCD Model)

2-2. Service Procedure for T-con Replacement



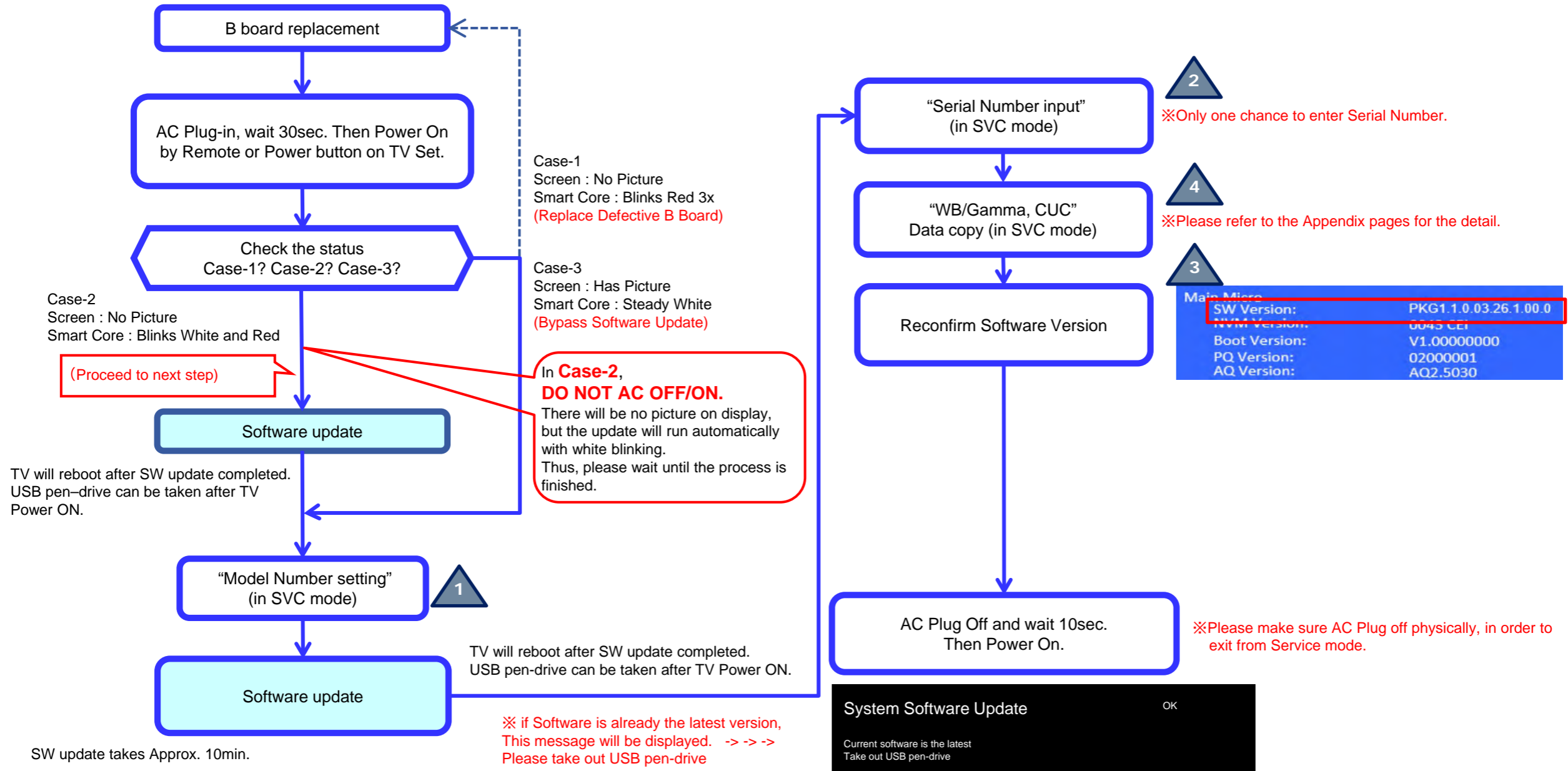
Section 2 APH/APHB, AX/AXB, AR/ARB, AG, AQ, NX2 segment (LCD Model)

2-3. Service Procedure for Panel Replacement



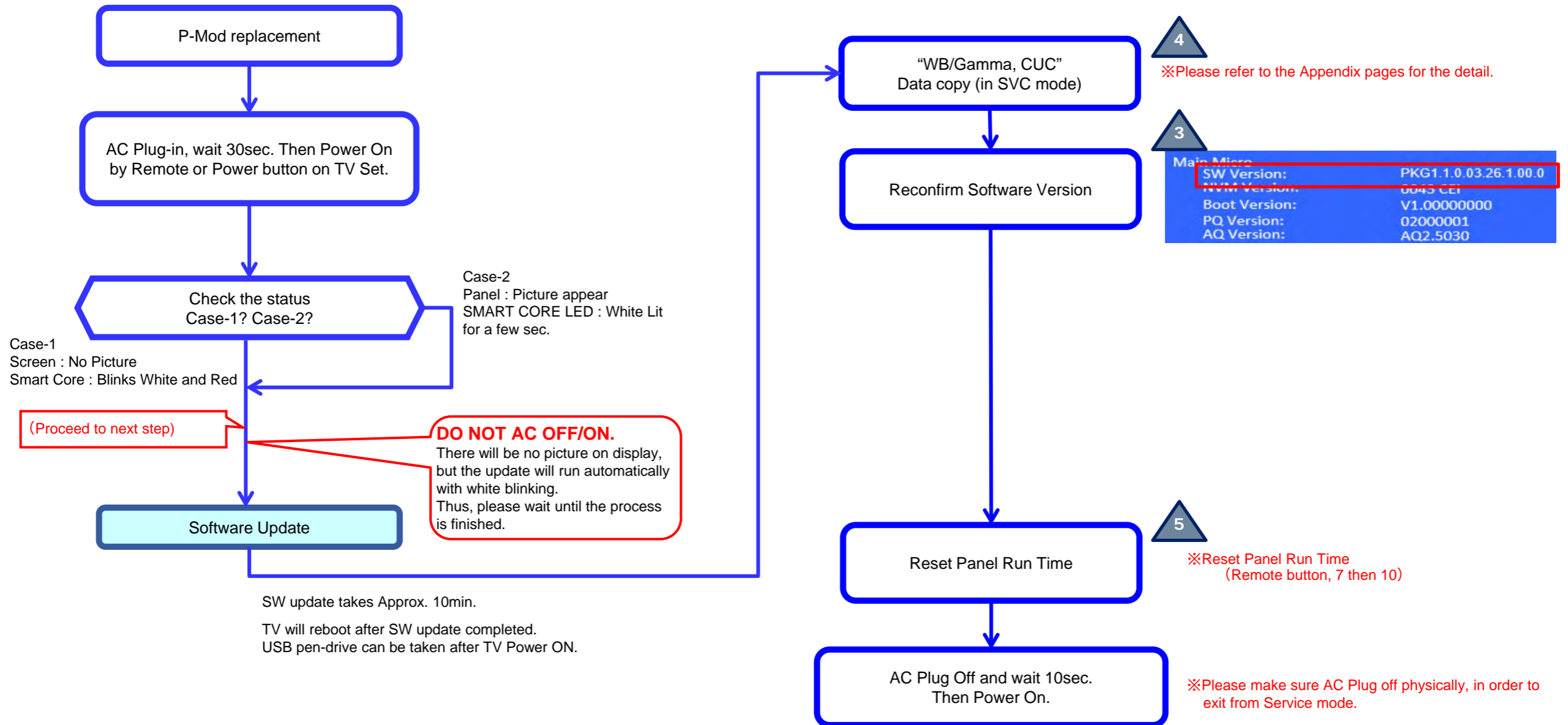
Section 3 AS, AT segment (OLED Model)

3-1. Service Procedure for B-board Replacement

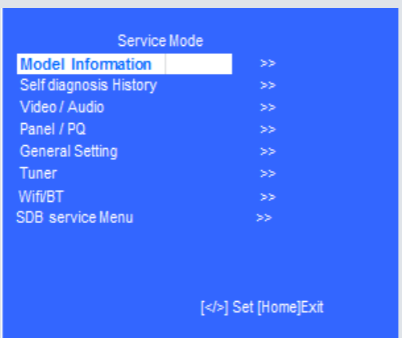
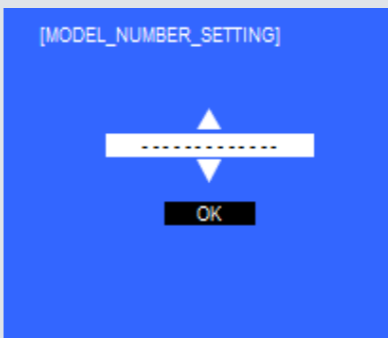
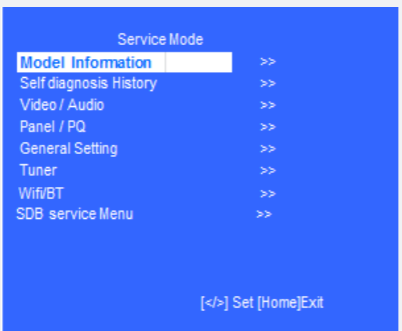
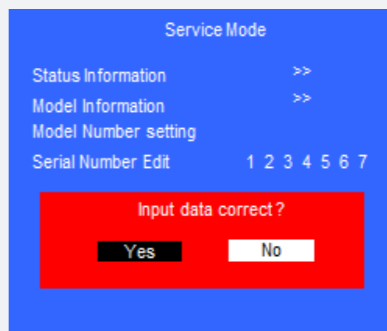
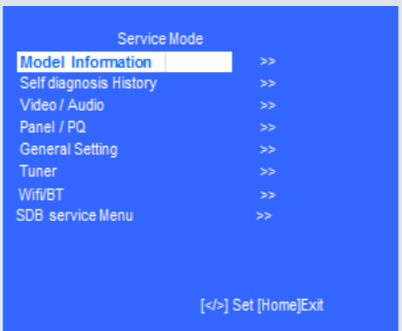


Section 3 AS, AT segment (OLED Model)

3-2. Service Procedure for Panel Replacement



Appendix

Point	Details/Remarks/Notes			
<p style="text-align: center;">1</p> <p style="text-align: center;">Model Number Setting</p>				
<p style="text-align: center;">2</p> <p style="text-align: center;">Serial Number Edit</p>				
<p style="color: red;">Input change is only 1 time in initial blank status(All "Null"). Be careful not to make a mistake !</p>				
<p style="text-align: center;">3</p> <p style="text-align: center;">Software version, BCM check</p>				

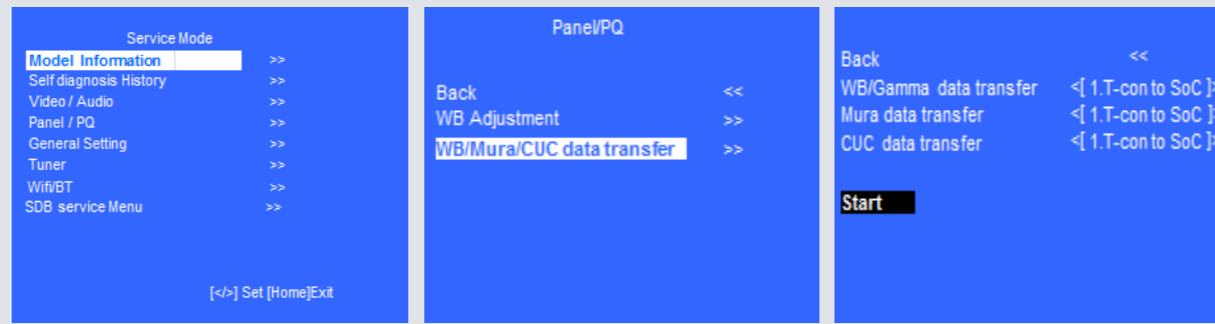
Appendix

Point

Details/Remarks/Notes

4

WB/Gamma, Mura, CUC data transfer



Press Left/Right arrow key to choose <0. SoC to T-con> or <1. T-con to SoC>.

Don't forget to press <Enter> key. Even if you don't change the setting, it must be required to press <Enter> key at each item.

After above operation step, press Up/Down arrow key to choose "Start", and press <Enter> key.

Wait 15sec and more to finish data transfer.

LCD model (Except APHB32)

	B-board replace	T-con replace	Panel replace
WB/Gamma	1.T-con to SoC	0.SoC to T-con	0.SoC to T-con
Mura	1.T-con to SoC	0.SoC to T-con	1.T-con to SoC
CUC	1.T-con to SoC	0.SoC to T-con	1.T-con to SoC

LCD model (APHB32)

	B-board replace	T-con replace	Panel replace
WB/Gamma	1.T-con to SoC	N/A	1.T-con to SoC
Mura	N/A	N/A	N/A
CUC	N/A	N/A	N/A

OLED model (AS)

	B-board replace	T-con replace	Panel replace
WB/Gamma	1.T-con to SoC	N/A	0.SoC to T-con
Mura	N/A	N/A	N/A
CUC	1.T-con to SoC	N/A	1.T-con to SoC

OLED model (AT)

	B-board replace	T-con replace	Panel replace
WB/Gamma	1.T-con to SoC	N/A	0.SoC to T-con
Mura	N/A	N/A	N/A
CUC	N/A	N/A	1.T-con to SoC (55"/65")

5

Reset Panel Operation Time



Sony EMCS (Malaysia) Sdn. Bhd.
HES-M

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English
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