

SONY Service Procedure Panel Board and Software Change



SONY Service Procedure Panel Board and Software Change User Guide

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SONY Service Procedure Panel Board and Software Change



Product Information

- **Specifications:**

- **Model:** Sony GR1VH and GN6VH Chassis
- **Version:** 1
- **Date:** 2021.06
- **Subject:** 1st issue

Product Usage Instructions

- **Section 1:** Replacing Service Parts for GR1VH Series

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

- **Section 2:** USB Memory Format

- There is no special restriction on USB memory. If the USB memory is recognized when connected to a computer, it can be used. The USB memory should be formatted in FAT32.
- **USB Recommendation:** USB media must be a Sony product and have a capacity of more than 2GB (4GB or higher recommended).

- **Section 3:** USB Update File Preparation

- **Procedure:**
- Obtain the correct and latest SW PKG (atvota file).
- Unzip atvota file (e.g., sony_atvotafull_20xx_zzzzzzzzzz_yyy_auth.zip).
- After unzipping, a folder of sony_atvotafull_20xx_zzzzzzzzzz_yyy_auth will be created. This folder contains sony_dtvxxxxxxxxxxxx_xxxxxxxxxxxxxxxxxxxxxx.zip.
- Copy this zip file to the root of your USB pen drive.

FAQs

- **Q: What should I do if the software upgrade does not work?**

- **A:** If the software upgrade does not work, ensure that you have followed all steps correctly and that you are using the correct software version for your device. If issues persist, contact customer support for further assistance.

Service Procedure for Panel

Service Procedure for Panel, Board and Software Change / Upgrade

- **Version /Date /Subject**

- 1 /2021. 06 /1st issue

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Revision of Information:

- This information may be changed or updated at any time without any prior notice.
- Please confirm that this information is up-to-date before using it.

INFORMATION

NOTES

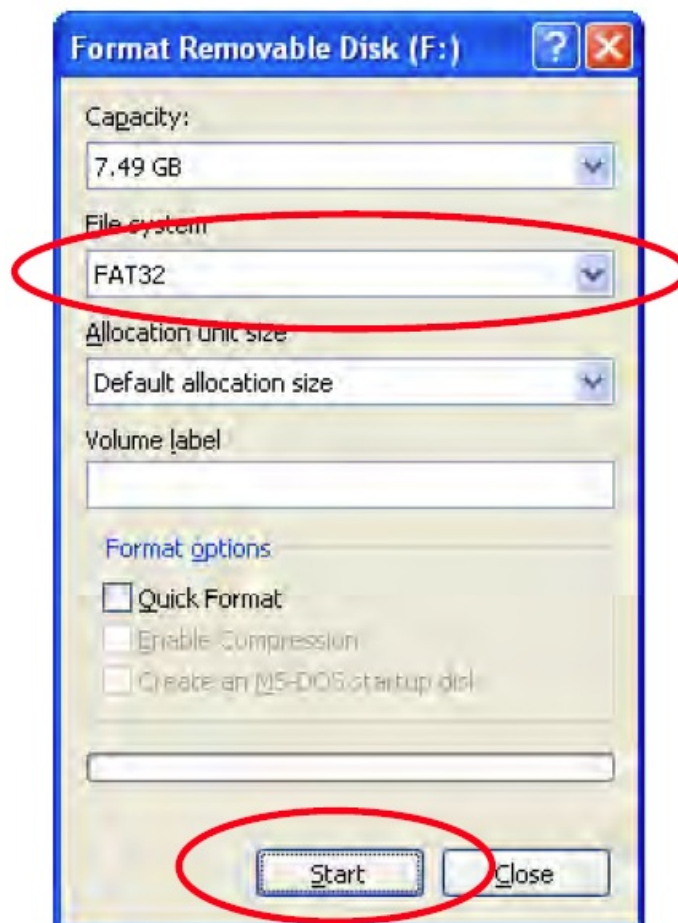
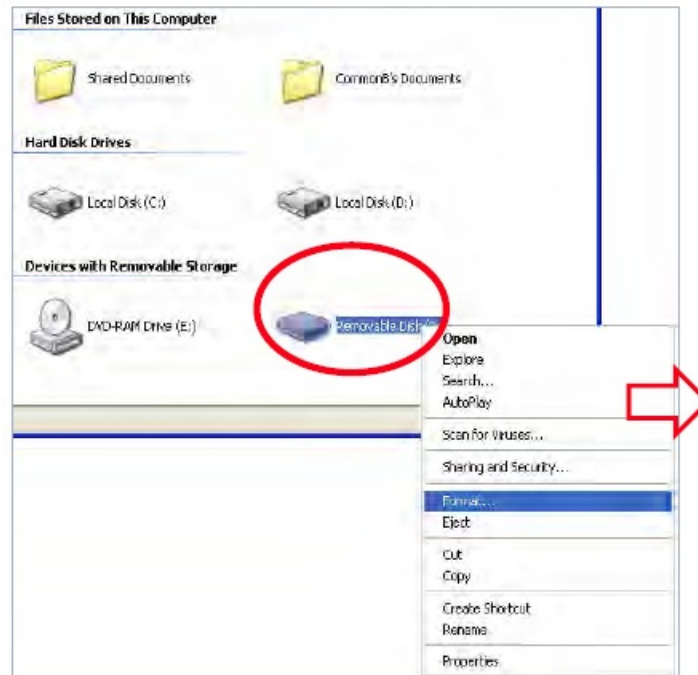
Replacing Service Parts for GR1VH Series

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 the 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.

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 Format

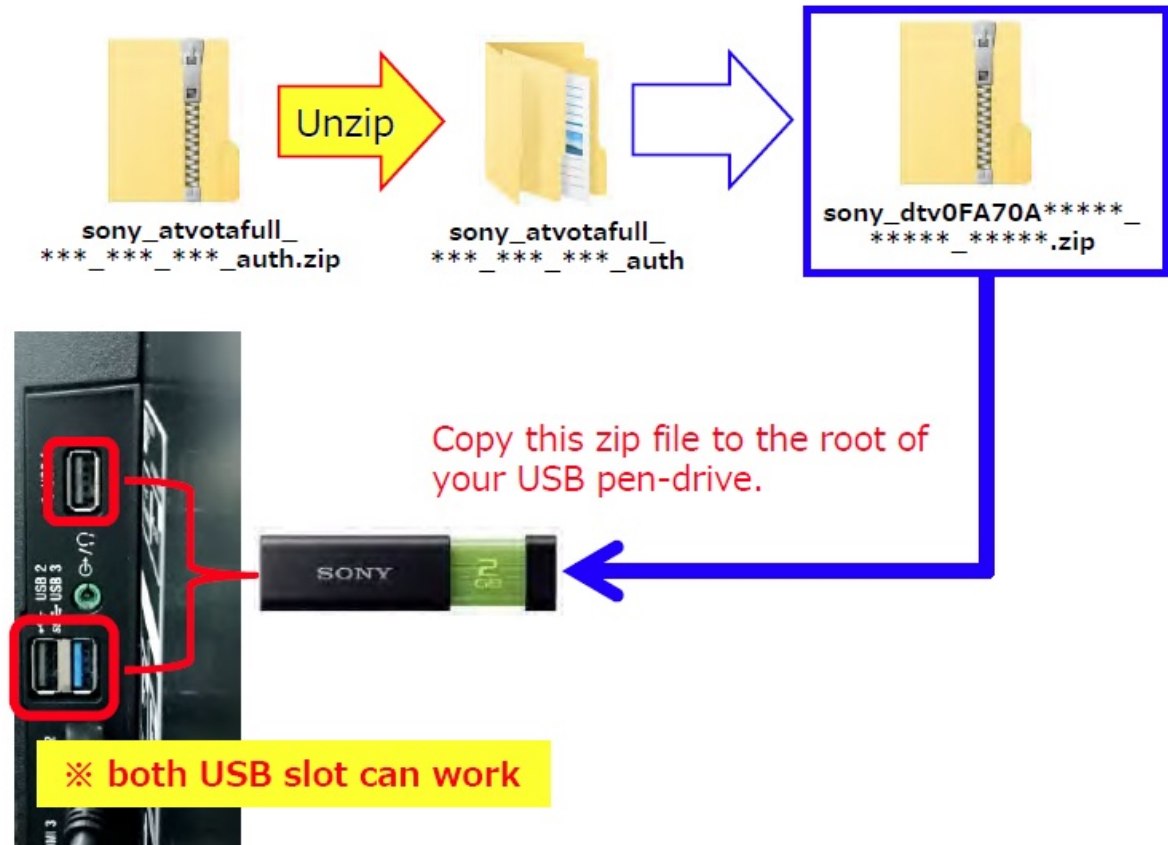
3. USB recommendation:

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



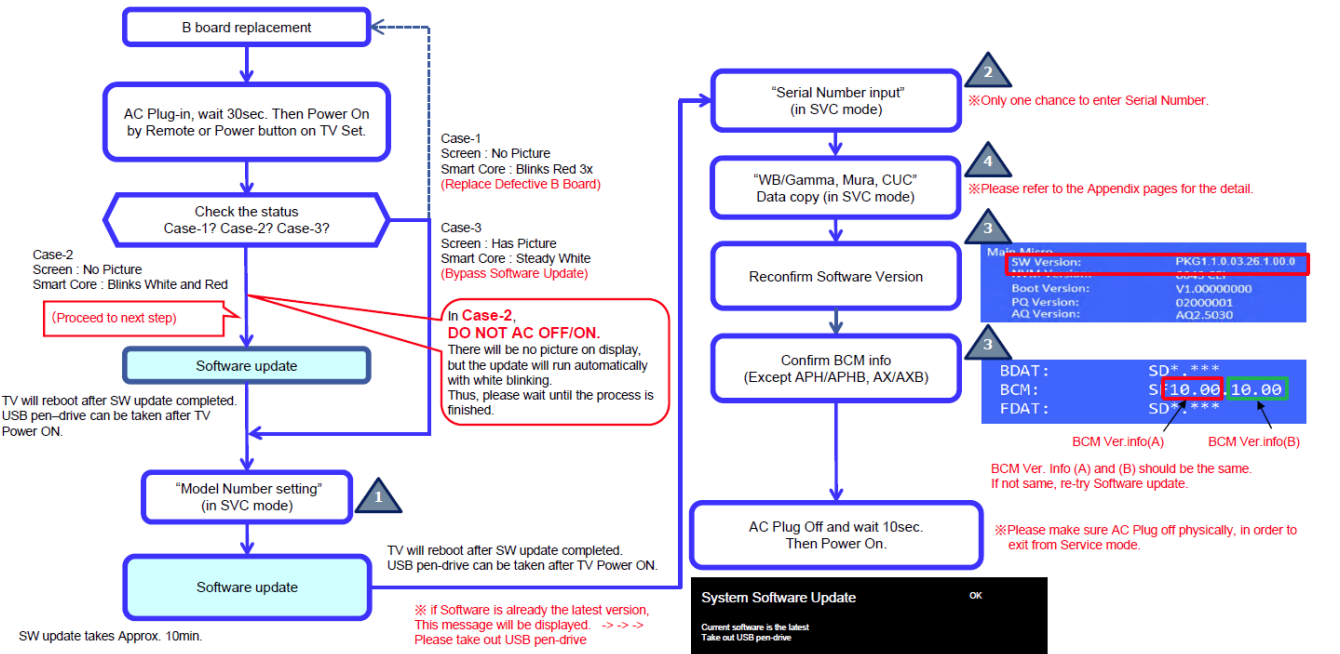
USB Update file Preparation Procedure

1. Obtain the correct and the latest SW PKG. (atvotafile)
2. Unzip atvotafile. (sony_atvotafull_20xx_zzzzzzzzzz_yyy_auth.zip)
 - **Note:** file name may differ depending on the destination
3. After unzipping, a folder of sony_atvotafull_20xx_zzzzzzzzzz_yyy_auth will be created This folder consists of sony_dtvxxxxxxxxxxxx_xxxxxxxxxxxxxxxxxxxxxx.zip
4. Copy this zip file to the root of your USB pen drive.

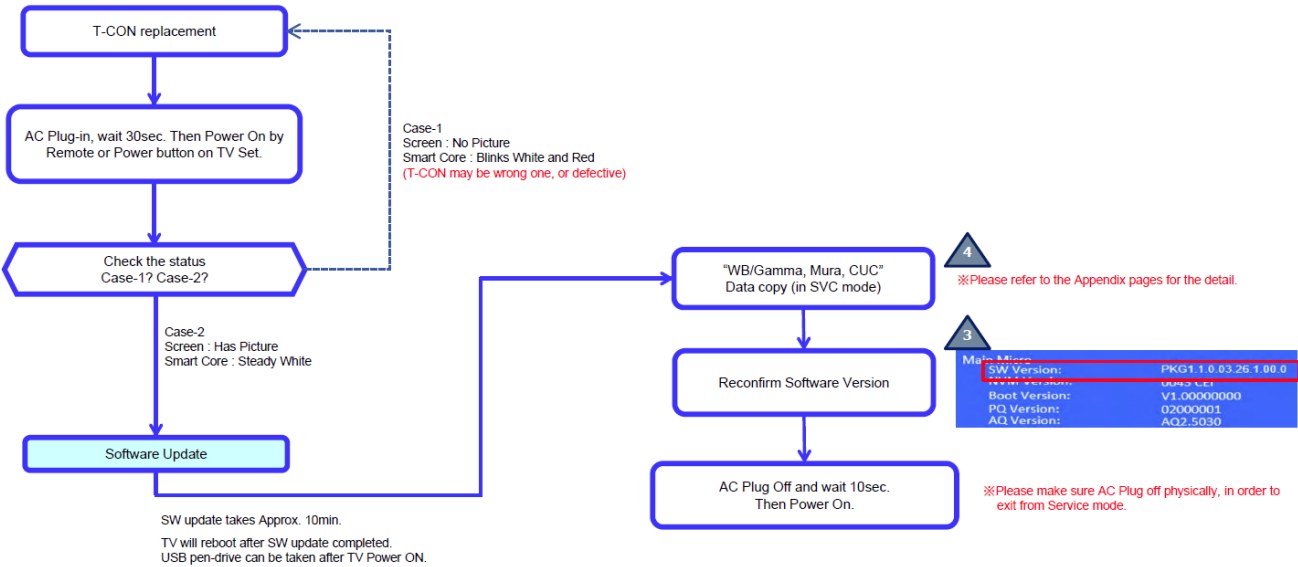


LCD Model

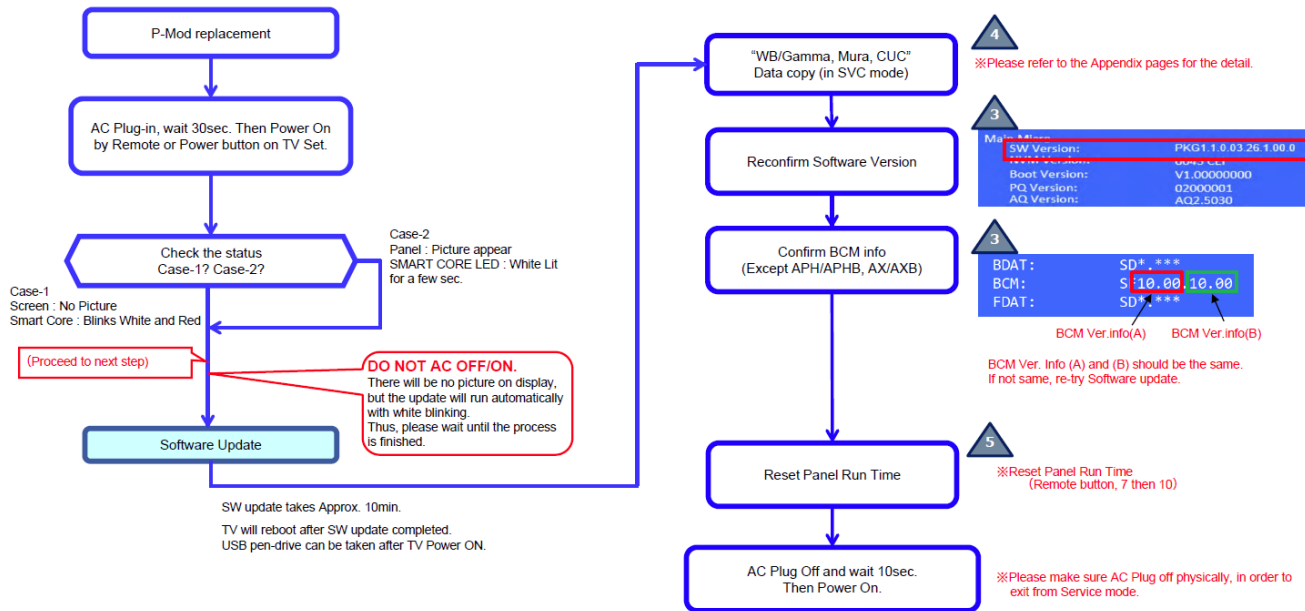
APH/APHB, AX/AXB, AR/ARB, AG, AQ, NX2 segment (LCD Model) Service Procedure for B-board Replacement



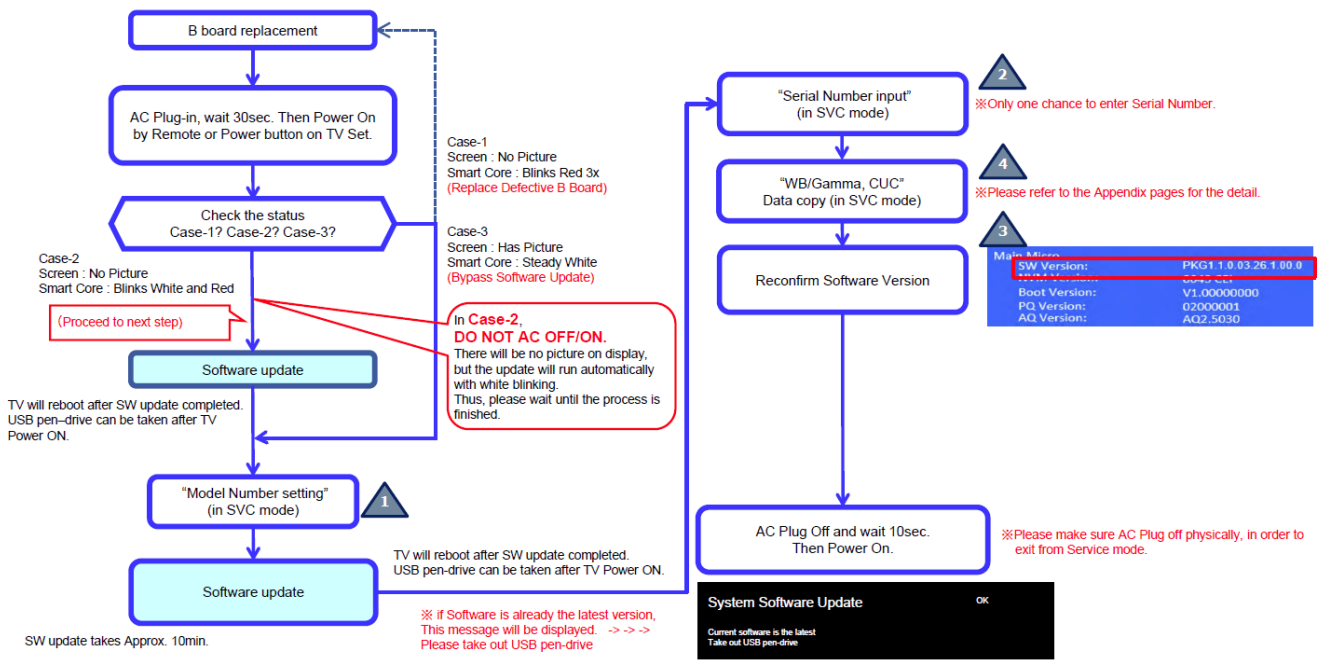
Service Procedure for T-con Replacement



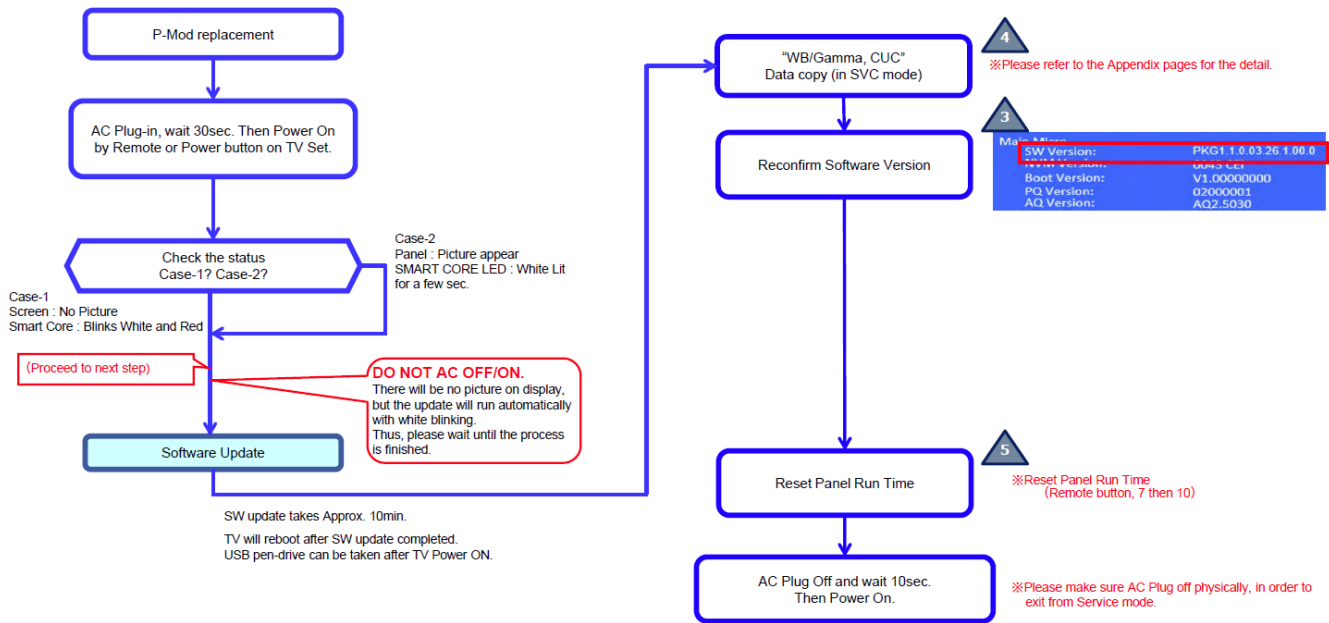
Service Procedure for Panel Replacement



AS, AT segment (OLED Model) Service Procedure for B-board Replacement



Service Procedure for Panel Replacement



Appendix

Point	Details/Remarks/Notes			
1 Model Number Setting				
2 Serial Number Edit				
Input change is only 1 time in initial blank status(All "Null"). Be careful not to make a mistake !				
3 Software version, BCM check				

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)				LCD model (APHB32)				OLED model (AS)				OLED model (AT)			
	B-board replace	T-con replace	Panel replace		B-board replace	T-con replace	Panel replace		B-board replace	T-con replace	Panel replace		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	WB/Gamma	1.T-con to SoC	N/A	1.T-con to SoC	WB/Gamma	1.T-con to SoC	N/A	0.SoC to T-con	WB/Gamma	1.T-con to SoC	N/A	0.SoC to T-con
Mura	1.T-con to SoC	0.SoC to T-con	1.T-con to SoC	Mura	N/A	N/A	N/A	Mura	N/A	N/A	N/A	Mura	N/A	N/A	N/A
CUC	1.T-con to SoC	0.SoC to T-con	1.T-con to SoC	CUC	N/A	N/A	N/A	CUC	1.T-con to SoC	N/A	1.T-con to SoC	CUC	N/A	N/A	1.T-con to SoC (55"/65")

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Reset Panel Operation Time

- Sony EMCS (Malaysia) Sdn. Bhd. HES-M
- GR1VH CHASSIS
- AG, AQ, AS, AT Segment
- APH/APHB, AR/ARB, AX/AXB Segment
- GN6VH CHASSIS
- NX2 Segment
- 2021/09/17 23:25:00 (GMT+09:00)

Documents / Resources

	SONY Service Procedure Panel Board and Software Change [pdf] User Guide Service Procedure Panel Board and Software Change, Procedure Panel Board and Software C hange, Board and Software Change, Software Change, Change
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References

-  [Sony Group Portal - Home](#)
-  [The domain name ver.info is for sale | Dan.com](#)
- [User Manual](#)