

9. Lamp Error detection

1. Function

This LCD color TV set incorporates a Lamp error detection feature that automatically turns off the power for safety under abnormal lamp or lamp circuit conditions. If by any chance anything is wrong with the lamp or lamp circuit or if the lamp error detection feature is activated for some reason, the following will result.

- 1) The power is interrupted in about 500ms after it is turned on.
(A central icon on the front of the TV flash on and off.: ON for 400ms and OFF for 1600ms.)
- 2) If the above phenomenon 1) occurs 5 times, it becomes impossible to turn on the power.
(A central icon keep flashing on/off.)

2. Measures

- 1) Set the lamp error detection to OFF

Enter the adjustment process mode, referring to "4. Entering and exiting the adjustment process mode".

The adjustment process mode can ignore "5 times count", so If the above phenomenon 1) occurs 1~4 times, the lamp will go out.

If Lamp Error detection pin [4pin of PD: P9602/19pin of IC2001] is "High" by a trouble with the lamp and lamp circuit, it can boot-up by the adjustment process mode.

Please execute "**Lamp Error detection off-mode**".

While holding down the "VOL (-)" and "CH (∧)" keys on the set at once, touch the power supply key on the set.

After a central icon flash off, separate the fingers from key on the set.

Then, you can check the operation to see if the lamp and lamp circuit are in trouble.

If you fail boot-up, retry the procedure.

- 2) Resetting the lamp error count

After the lamp and lamp circuit are improved from a trouble, reset the lamp error count.

(Because the power cannot be turned on, if a lamp error is detected 5 consecutive times.)

- a) Enter the adjustment process mode, referring to "4. Entering and exiting the adjustment process mode".
- b) Using the cursor (▲/▼) key, move to the cursor to [LAMP ERROR RESET], Line 8 on adjustment process mode service page 2/24.
- c) With the cursor (◀/▶) keys, select the [LAMP ERROR RESET] value.
Finally press the cursor (OK), the count is reset.
Check LAMP ERROR Count on adjustment process mode Page 2/24.

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INDUSTRY INIT	Enter	
INDUSTRY INIT (-Publicl)	OFF	
PUBLIC MODE	OFF	
Center Acutime	—	
RESET	OFF	
Backlight Acutime	—	
RESET	OFF	
LAMP ERROR RESET	OFF	← Resetting to "0"
ADJ PARAM SET	Enter	
VIC XPOS	0	
VIC YPOS	0	
VIC SIGNAL TYPE	MAIN	
VIC READ	OFF	