

Phillips Magnavox 60" PTV Model #: 60P8341 Chassis #:

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Hello:

I have a Phillips Magnavox 60" PTV Model #: 60P8341 Chassis #: PTV915 in my shop that runs perfectly for about 30 minutes than shuts down. When it shuts down, the front panel LED blinks 2 times then off, 2 times then off, etc.

When I enter the service menu, I find that error code 30 has been stored.

According to my Philips data, error code 30 is a "CSP i2c error"

I previously was getting error codes 7 "BC loop not stabilized", 33 "CSP dac i2c error", and 2 "Vertical protection". After resoldering some connections on the main board, changing a zener diode and electrolytic cap on the SSB board, and resetting the value of "Option Byte 2" (Which I found to have a value of 12 instead of the Philips data specified value of 181 or 183), I no longer get error codes 7, 33, and 2. I only get error code 30.

What is a "CSP i2c error" (Error code 30) and what might cause it?

Also, what can you tell me about error codes 7, 33, and 2?

What is the purpose of "Option Byte 2" and why would it's value have been 12 instead of the normal 181 or 183?

Any help would be greatly appreciated.

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