

IV. Trouble Shooting

1. No screen

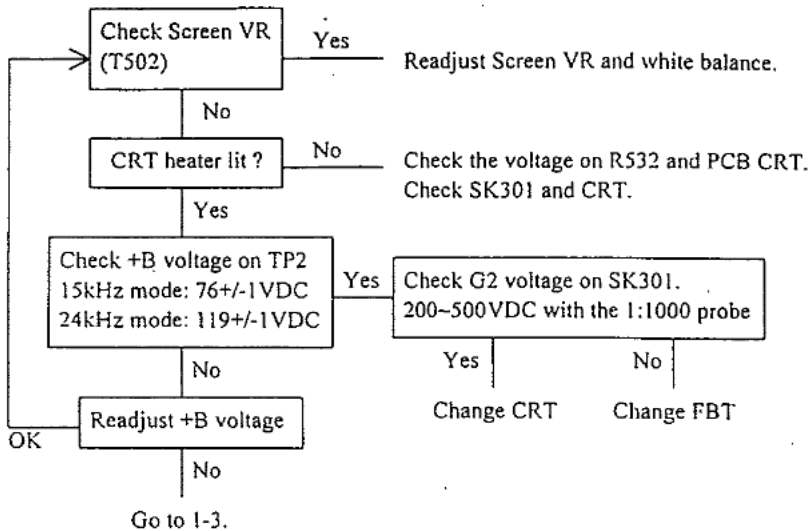
1-1. Fuse blown

Trouble in the Primary circuit.

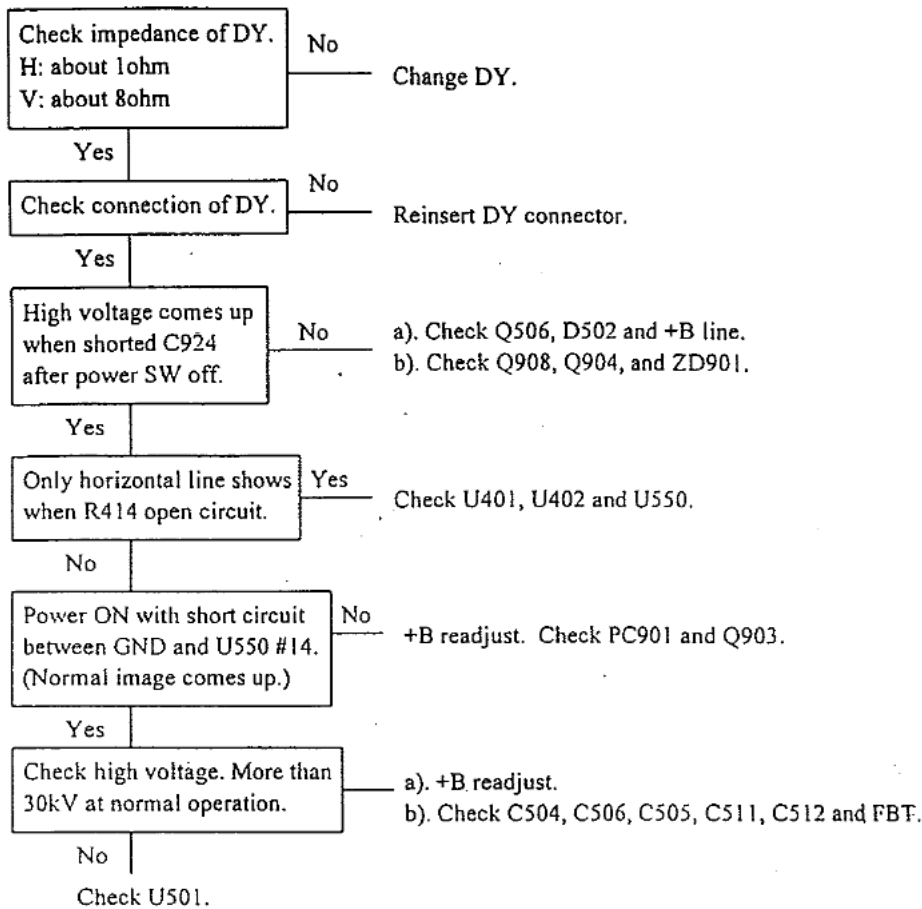
Check Q901, T901, BD901, D901, C911, PTH901.

Recheck the input voltage when turning the power switch ON. (Voltage should be 108~132VAC.)

1-2. High voltage comes up but no raster image

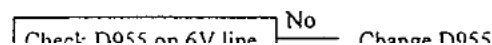


1-3. High voltage comes shortly.

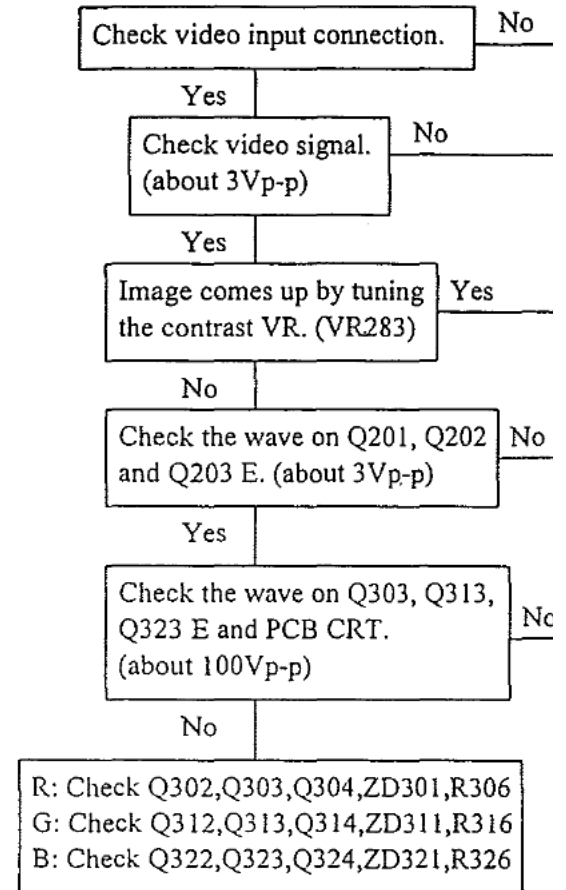


1-4. No high voltage but noise sounds.

* Discharge C924 before turning the power SW ON again.

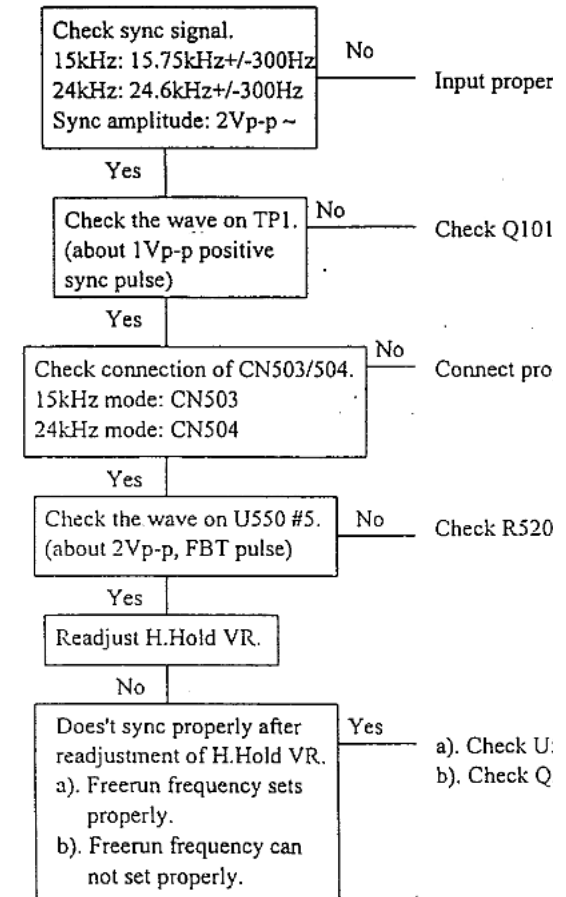


2. Raster lit but no images (or particular color dots)

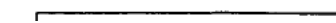


3. Doesn't sync properly.

3-1. Horizontal sync



3-2. Vertical sync



Check D755 on V line.

Change D755.

Yes

Check 12V line impedance.
(about 220ohm between
12V line and GND)

No

Change failure parts.

Yes

Check U550, Q501, Q502
and Q507.

Check sync signal.

fV: 55~65Hz

Sync signal amplitude:

H/V compo. --- 2Vp-p~

Sepa. --- 3Vp-p~

No

Input I

Yes

Check the wave on U550 #21.
(V.Sync wave comes up.)

No

Check

Yes

Check U550 and C452.