TELEVISION SERVICE TIPS

IMPORTANT INFORMATION FOR YOUR SERVICE DEPARTMENT

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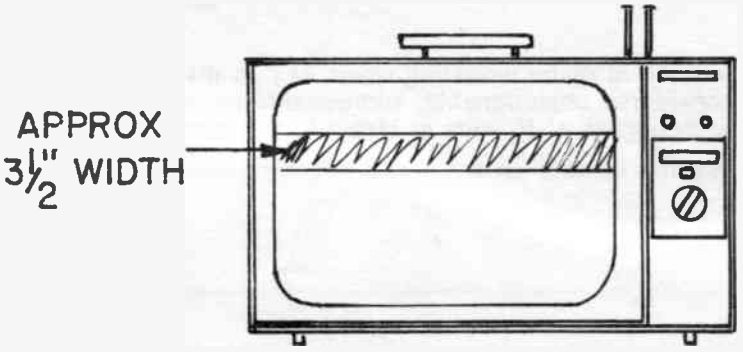
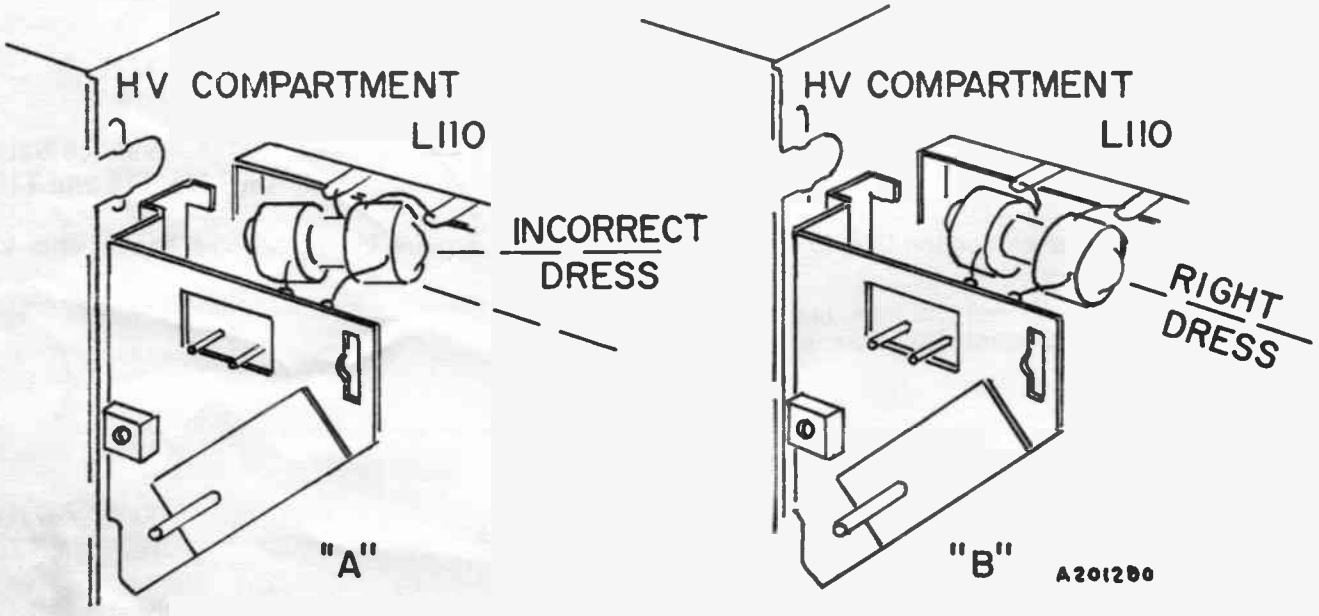
KCS 158 CHASSIS—APPARENT "HUM BAR"

SERVICE DATA
1967 NO. T14



Recent field reports mention an apparent "hum bar" on some KCS 158 chassis. Investigation reveals that L110 positioning can be critical with respect to the yoke position. Where this "hum bar" is evident L110 should be re-dressed as illustrated in "B."



FIRST EDITION—FIRST PRINTING

PRINTED IN USA

CTC 22 Chassis
Weak Vertical and Horizontal Sync

Service Data
1967 No. T11

Reports from the field mention weak vertical and horizontal sync on some CTC 22 chassis.

The following symptom is evident when this occurs.

Brightness control acts as a sync gain control.
At high brightness settings, sync does stabilize.
At reduced brightness setting sync becomes very unstable.

This condition as been traced to an open C105A B+ filter.

also on CTC 20C — 1000Ω resistor in cathode circuit (6BK4) open-causes vertical roll — on vary of brightness.

CTC 21, CTC 28 and CTC 35 Chassis
UHF Channel Tuning

Service Data
1966 No. T17, 1967 No. T16, T20

Field reports mention a condition of raster wrinkling when AFT is **disabled** and the receiver is "fine-tuned" close to sound. If this is considered objectionable, additional filtering of the AFT 5 volt reference source can be obtained by adding a 3μf capacitor at 15 volts or larger to this circuit.

This capacitor can be physically located on the tuner AFT terminal board. Connect from red lead in AFT shielded cable to ground.

CTC 28 CHASSIS
Text Correction

Service Data
1967 No. T16

Text on page 4 incorrectly states that the Video Peaking control is on the chassis rear apron and is electrically in the cathode of the video output tube. Also, under chassis component location guide on page 9 shows the control to be on the rear apron.

The Video peaking control is located on the front auxiliary control panel and is electrically in the grid circuit of the 2nd Video amplifier.

CTC 27 and CTC 31 Chassis
Kinescope Bias Adjustment

Service Data
1967 No. T15 and T19

Wiring changes in later production CTC 27 and CTC 31 instruments require kinescope bias adjustments to read as follows:

Kinescope Bias Control CW max. bias (Early production).
Kinescope Bias Control CCW max. bias (Late production).

CTC 35 Chassis
Drawing Correction

Service Data
1967 No. T20

The chassis layout guide on Page 8 should show the Video Peaking control beside the Color Killer control on the rear apron.