

CONTROL CIRCUIT CHANGES (12 CONDUCTOR CABLE)

Height Control Changes

Remove the wire going to pin 3 of the height control and splice this wire to the green wire from the cable. Solder the white wire of the cable to pin 3 of the height control. Solder the red wire of the cable to pin 2 of the control. For assistance in making these changes refer to control diagram A on the bottom of this sheet.

Linearity Control Changes

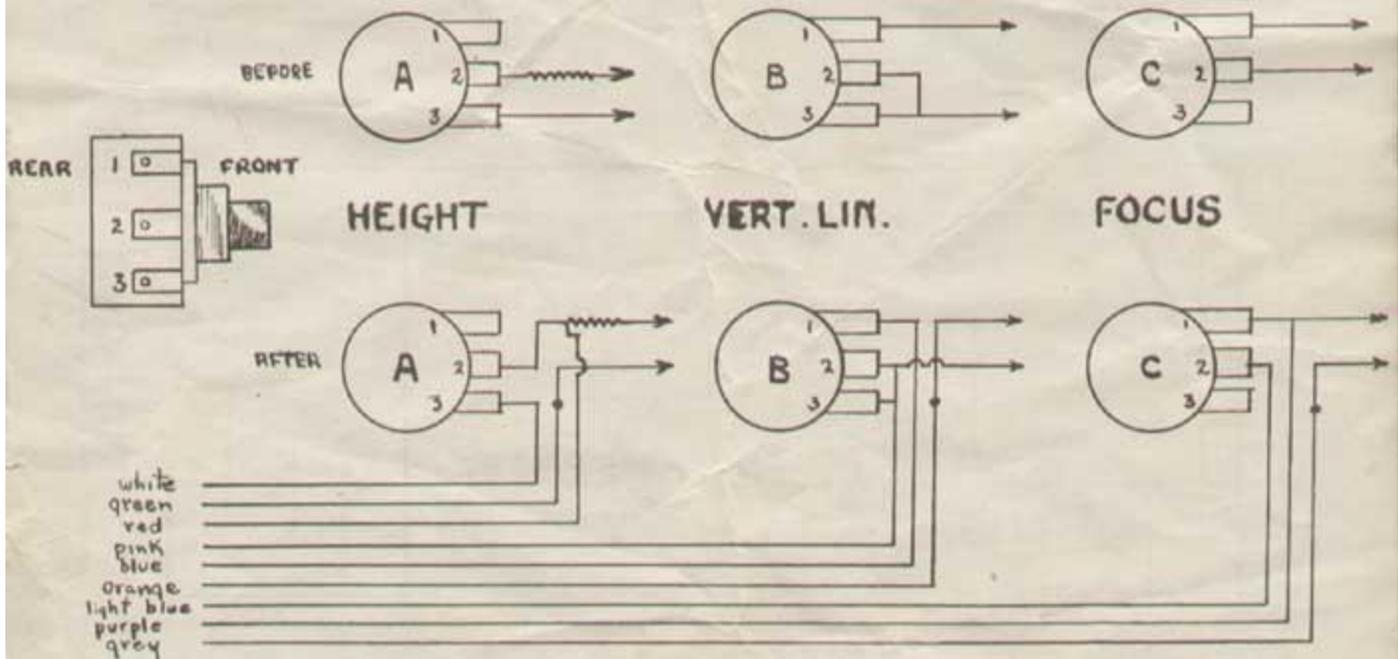
Remove wire from pin 1 of the linearity control and splice it to the orange wire of the cable. Solder the blue wire to pin 1 of the control. Solder the pink wire of the cable to pin 3 of the control. See control diagram B of assistance.

Focus Control Changes

Remove connection from pin 2 of the control and splice it to the grey wire of the cable. Solder the light ~~brown~~^{blue} wire of the cable to pin 2 of the control. Solder the purple wire of the cable to pin 1 of the control. See diagram C for assistance in following these instructions.

DO NOT CLIP THE THREE REMAINING LEADS AS THEY WILL BE USED IN THE CONNECTION OF THE ADAPTER.

NOTE: ALL CONTROLS VIEWED FROM REAR



ALIGNMENT INSTRUCTIONS

MODEL X-202 - - COLOR ADAPTER

FOR SETS USING SYNCROGUIDE HORIZONTAL OSCILLATOR AND BLOCKING OSCILLATOR VERTICAL

1. Turn on set to a black and white program, and switch to black and white position.
2. Re-adjust syncroguide if necessary by tuning slug slightly counter clockwise to lock picture horizontally.
3. Adjust vertical hold if necessary. AFTER THE PICTURE IS LOCKED IN BLACK AND WHITE, THE CONTROLS SHOULD NOT BE TOUCHED WHILE ADJUSTING THE ADAPTER FOR COLOR RECEPTION. These adapters have been pre-tuned for color at the factory, however, wiring capacities may change the tuning slightly. If this has happened, the adapter should be adjusted in the following manner.

NOTE: THE ADAPTER CAN ONLY BE TUNED FOR COLOR WHEN A COLOR TRANSMISSION IS BEING RECEIVED.

1. Tune in a program which is being transmitted in color.
2. Switch the adapter to the color position.
3. Adjust the trimmer on the side of the adapter for vertical lock-in.
4. Remove the bottom plate of the adapter. Adjust the trimmer condenser with the colored dot for horizontal lock-in. This condenser determines the horizontal frequency and should be adjusted very slowly.
5. After the color pattern is received, replace the bottom plate.

The adapter changes are now complete and the TV set is ready to receive programs in black and white or color by merely turning the adapter switch to the proper position.