

SHUTDOWN CIRCUIT

When the high voltage rises, there are simultaneous voltage increases developed at terminal 6 of the Horizontal Output Transformer (TT701) and applied to pin 5 of IC7701. If excessive high voltage is produced the increased voltage developed exceeds the rating of zener diode D7708 causing the Horizontal Oscillator to stop functioning and the high voltage system is the shut down.

VERTICAL SIZE ADJUSTMENT

Adjust the control (VR7702) so that the picture fills the picture opening from top to bottom and is proportionate to the width.

RF AGC ADJUSTMENT

The RF AGC control (VR7401), is adjusted at the factory and rarely required re-adjustment unless the received picture exhibits too much snow or the receiver lacks sensitivity. Home adjustment can be made by tuning in a weak snowy station and adjusting VR7401 for the least amount of snow.

For a more accurate adjustment use the following procedure.

1. Receive the signal of test pattern (60dB).
2. Adjust AGC pin of TV tuner to 6.5V with VR7401.

FOCUS ADJUSTMENT

Adjust focus control, on the flyback transformer, for maximum overall definition and fine detail with Brightness and Contrast controls set at normal viewing levels.

SUB H-HOLD AND H-HOLD ADJUSTMENT

1. Receive the snowy station (free-run).
2. Connect frequency counter to CRT heater.
3. Rotate H-Hold control fully counter-clockwise.
4. Adjust VR77C4 to obtain 14200Hz.
5. Receive the signal of test pattern.
6. Adjust H-Hold control (VR7703) to obtain 15630Hz reading.