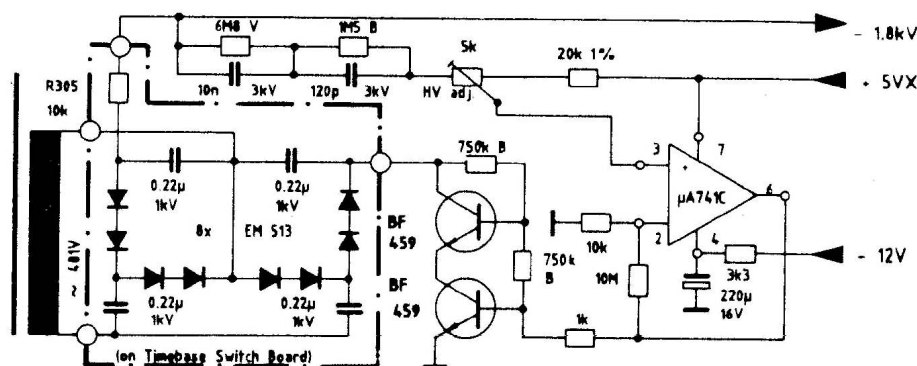


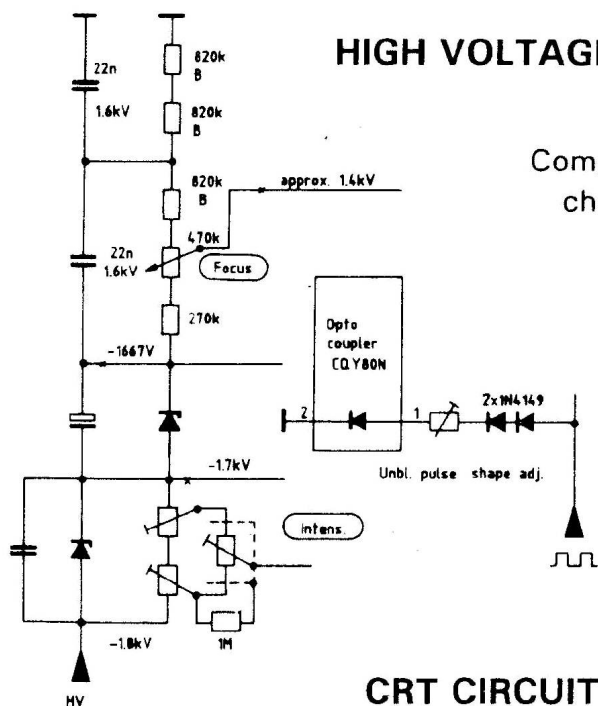
# MANUAL CHANGE INFORMATION HM307-4 (30.10.81)

For better display brightness, the type of the CRT (now **C 312 P1**) and the level of the high voltage (now — **1700V** on the CRT's cathode) have been changed. To obtain this improvement some other correctional measures are necessary, as specified below.



## HIGH VOLTAGE GENERATION AND REGULATION

Components without value data are not changed (see HM307-3 diagrams).



### CRT CIRCUIT (partially)

# CHANGE

Diagram: **Y-FINAL AMPLIFIER**

R192 (1k2 is dropped)

C145 (110pF is dropped)

Diagram: **TIMEBASE SWITCH UNIT**

Diagram: **Y-PREAMPLIFIER**

R037 (680 $\Omega$  is dropped)

## DESCRIPTION

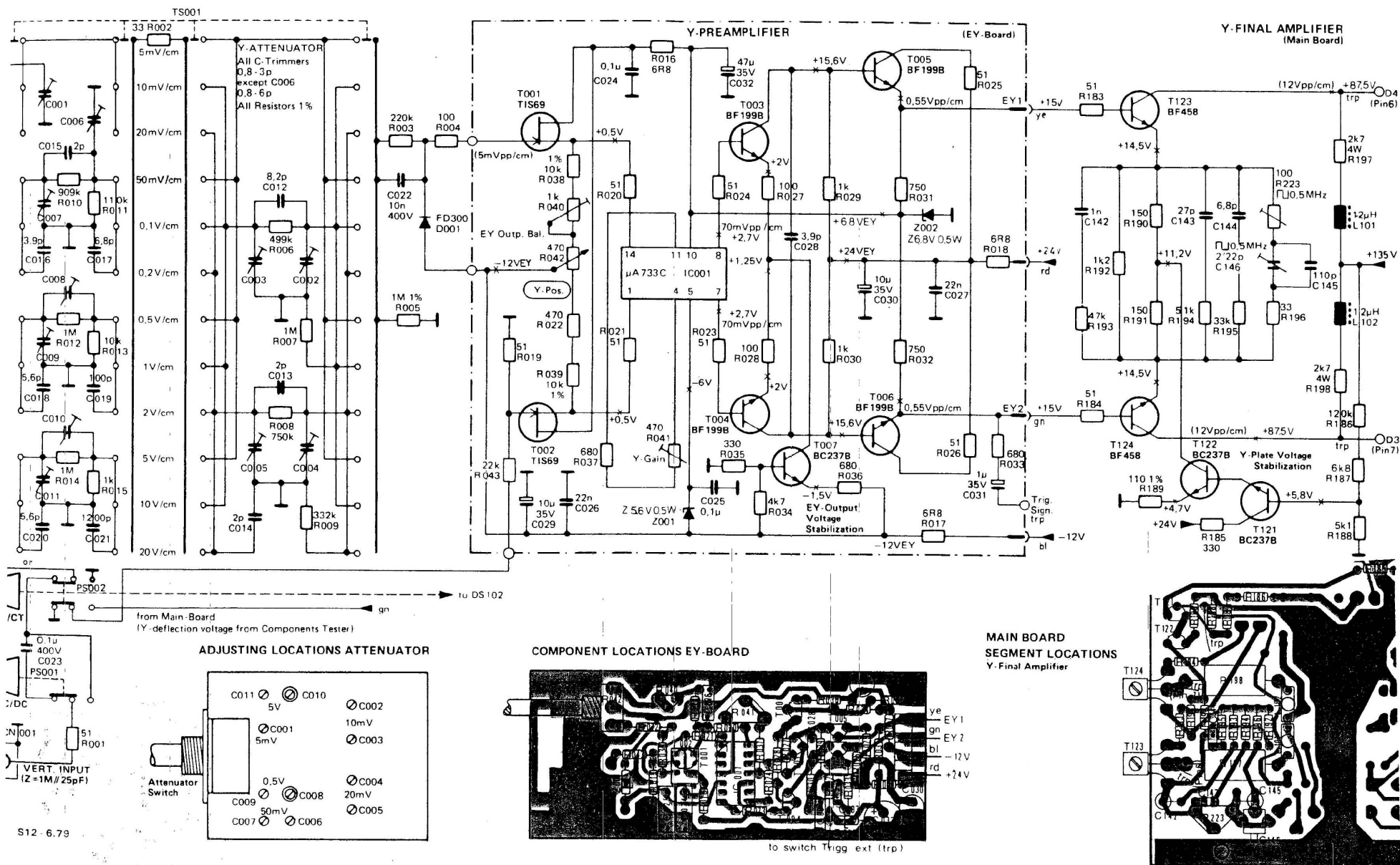
**R192: 1k5 (new)**

**C145: 68pF (new)**

**2 Diodes 1N4149** in series between + 24VX and T-Variable (rd). Anode to + 24VX, cathode to T-Variable (rd). Now C128 0.1 $\mu$ F from T-Variable (rd) to base T106.

K2 307-3

# Y-INPUT, ATTENUATOR, Y-PREAMPLIFIER, TRIGGER PICK-OFF AND Y-FINAL AMPLIFIER UNIT



(Main Board; T-Board)

