

PM3266

4. Z AMPLIFIER AND FOCUSING

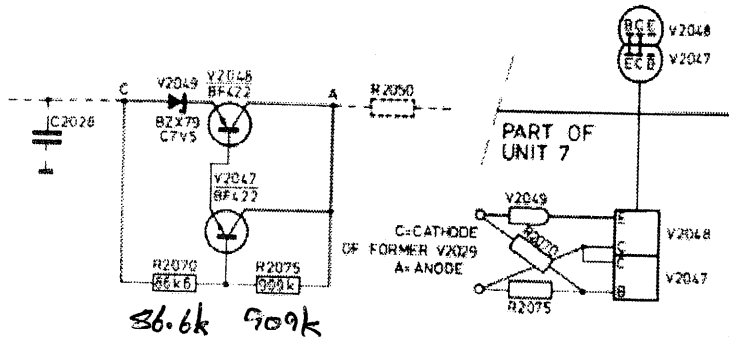
Neon 103 V 1mA

4.1. UNIT 7 (FOCUS UNIT) : /04 AFS.

V103R2

Replace neon stabilisation tube V 2029 by an electronic circuit consisting of 2 transistors V 2047, V 2048 (BF 422, 4822 130 44108), 1 zenerdiode BZX 79 C 7V5 (4822 130 30861) and 2 resistors 909 kohm (5322 116 54408) and 86,6 kohm (5322 116 54692).

For circuit diagram and lay-out of this circuit see figure below.



This modification is necessary because the neon stabilisation tube will soon not be available.
The modification can also be used in older instruments where V 2029 needs to be replaced.

for V86R2	100k and	825k	83V
V116R2	75k and	909k	116V