product modification

050-0218-11

Type 575

T0520-11 (P-11 PHOSPHOR) CRT REPLACEMENT

For Tektronix® Type 575 Transistor-Curve Tracers

Serial Numbers 101 - 1351

MASTER COPY

When replacing the CRT in the above listed instruments, it is necessary to change the Vertical Min Gain Adj potentiometer, R493, from 100k to 250k. This increases the adjustment range to compensate for differences in cathode ray tube deflection plate sensitivities.

NOTE: If the serial number of your instrument is above those listed, or if this kit or 050-0218-00 has been installed, disregard the instructions as PN's 154-0103-00 and 311-0032-00 are direct replacements.

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8-4-76

Supersedes: 050-0218-00

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PARTS INCLUDED IN PARTS REPLACEMENT KIT

Ckt. No.	Quantity	Part Number	Description
V859	1 ea	154-0103-00	Tube, vacuum, CRT
R493	1 ea	311-0032-00	Potentiometer, comp. 250k Type J

WARNING

High vacuum cathode ray tubes are dangerous to handle. To prevent personal injury from flying glass in case of tube breakage, wear a face mask or safety goggles, and gloves.

Handle the CRT with extreme care. Do not strike or scratch it. Never subject it to more than moderate force or pressure when removing or installing.

Always store spare CRT's in original protective cartons. Save cartons to dispose of used CRT's.

INSTRUCTIONS

BE SURE TO DISCONNECT THE INSTRUMENT FROM ITS POWER SOURCE & THAT THE HI VOLTAGE POWER SUPPLY IS COMPLETELY DISCHARGED BEFORE REPLACING THE CRT!

( ) 1. Remove the left and right hand cabinet sides.

Replace CRT as follows:

( ) 2. Disconnect the leads (five) from the neck of the CRT and disconnect the socket from the base of the CRT.

( ) 3. Remove the graticule cover and the graticule. Loosen the clamp at the base of the CRT and slide the CRT out of the front panel.

( ) 4. Install the new CRT by performing steps 2 and 3 in reverse.

( ) 5. Replace the Min Gain Adj potentiometer R493 (100k) with the 250k potentiometer from the kit.

( ) Add the following to your Manual Parts List:

R493	311-0032-00	250k 2W comp variable
V859	154-0103-00	CRT, P-11 Phosphor