



product modification

050-0876-10

M30179

Type See Below

T7630-1 (P-31 PHOSHPOR) CRT REPLACEMENT

For the following TEKTRONIX® Storage Oscilloscopes

Type 7623A/R Serial Numbers B130000 - B159999

T7630-1 (P-31 Phosphor) CRT PN 154-0723-00 and several components are necessary when replacing the CRT to assure that the adjustment range of the bistable operational amplifier is sufficient to compensate for the range of operating levels of CRT's.

NOTE: If the serial number of your instrument is above those listed, or if this kit or 040-0833-00 has been installed, disregard the instructions and use CRT PN 154-0723-00 as a direct replacement.

PARTS INCLUDED IN PARTS REPLACEMENT KIT

Ckt No.	Quantity	Part Number	Description
V1265	1 ea	154-0723-00	Tube, vacuum, T7630-1 CRT
Q1718	1 ea	151-0301-00	Transistor, Si, PNP 2N2907A
Q1708			
Q1711	4 ea	151-0624-00	Transistor, Si, NPN 2N5551
Q1723			
Q1828			
C1713	1 ea	281-0661-00	Capacitor, cer., .8pF 500V
R1705	1 ea	315-0113-00	Resistor, comp., 11k 1/4W 5%
R1701	1 ea	315-0912-00	Resistor, comp., 9.1k 1/4W 5%
R1687	1 ea	321-0339-00	Resistor, prec., 33.2k 1/8W 1%
R1654	1 ea	321-0416-00	Resistor, prec., 210k 1/8W 1%

INSTRUCTIONS

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

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.

- () 1. Remove the four protective cover mounting screws from the rear of the instrument and remove the cover.
- () 2. Remove the four Regulator and Fan-Motor assembly mounting screws and swing the assembly out to gain access to the CRT socket.
- () 3. Disconnect the socket from the CRT base connector.
- () 4. Loosen a screw on each side of the CRT base clamp until the spring tension is released. Press in on the screws to be sure that the clamp is loose.

