



product modification

050-0419-00
M13921

Types 5T1, 5T1A,
3T77, 3T77A

TUNNEL DIODE REPLACEMENT

For the following TEKTRONIX® Type Sampling Sweep Units:

| | |
|------------|--------------------------|
| Type 5T1 | All Serial Numbers |
| Type 5T1A | All Serial Numbers |
| Type 3T77 | All Serial Numbers |
| Type 3T77A | Serial Numbers 4000-5649 |

Tunnel Diode 152-0381-00, with axial leads, replaces Tunnel Diode 152-0074-00, a ribbon lead diode, which is no longer available. To install the axial lead diode, it will be necessary to remove the diode clip, in those applications where it is used, and solder the leads of the new diode directly to the circuit board.

NOTE: If the serial number of your instrument is above those listed, or if this kit has been installed, disregard the instructions as PN 152-0381-00 is a direct replacement.

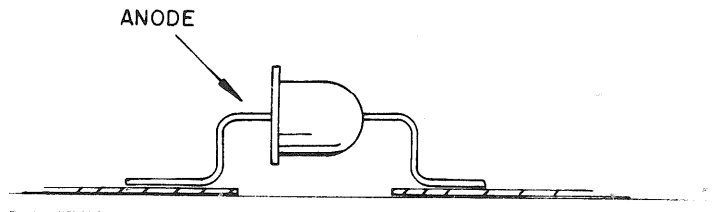
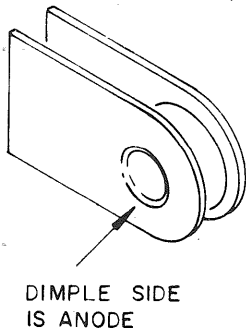
##Indicates change since last publication.

PARTS INCLUDED IN PARTS REPLACEMENT KIT:

| Quantity | Part Number | Description |
|----------|-------------|--------------------------------|
| 1 ea | 152-0381-00 | Diode, Tunnel, 5mA, axial lead |

INSTRUCTIONS

- ## () Remove the diode* (noting how it is mounted) and the clip (if one is used) from the instrument, and solder in the new diode as shown in the drawing below.



THIS COMPLETES THE INSTALLATION.

- () For future reference, correct the Electrical Parts List in your Instruction Manual.

*Instrument Type -- 5T1/A D255 or D325
3T77/A D74

JT:1s