

Supersedes:

None

## HP MODEL 1332A DISPLAY

Serial Prefix 1414A- or Below

POSSIBLE LACK OF SUFFICIENT RANGE OF  
INTENSITY LIMIT ADJUSTMENT IF CRT IS REPLACED

If the cathode ray tube, V1, is replaced in Model 1332A with serial prefixes as listed above, there is a possibility that the intensity limit adjustment A1R76 may not have sufficient range. Therefore, whenever a CRT is replaced in a Model 1332A with a serial prefix as listed above, the following modification must be made:

## Parts Required

<u>Quantity</u>	<u>Description</u>	<u>HP Part Number</u>
1	Diode: Zener 20.5 V $\pm$ 5%, 0.4 W	1902-0182

PROCEDURE

1. Remove high voltage section cover, exposing high-voltage power supply assembly A3.

WARNING

Shut off power before removing this cover. Voltages exposed thereby can result in injury or death.

2. Unsolder the cathode lead (striped end) only of A3CR3 from the circuit board.

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3. Solder the anode lead of a 20.5 V zener diode, HP Part No. 1902-0182, into the circuit board mounting pad thus vacated.
4. "Pigtail" the cathode lead of this added zener diode with the anode lead of A3CR3 and solder them together, being careful to apply no more heat than necessary.

This completes the modification. Following installation of the new CRT, be sure to readjust the intensity limit adjustment, A1R76, per the procedure outlined in paragraphs 5-89 through 5-91, page 5-16, of the Operating and Service Manual.

NOTE

One zener diode, HP Part No. 1902-0182, is provided with each 1332A replacement CRT.