

hp MODEL 1750B DUAL TRACE AMPLIFIER
Serials Below 543-00616

Improved B Trigger Out
Parts Kit 01750-69501

Improved B Trigger Out

The following modification improves the dc stability of the B Trigger Out Amplifier. Over a period of time dc drift can cause the amplifier to go into saturation.

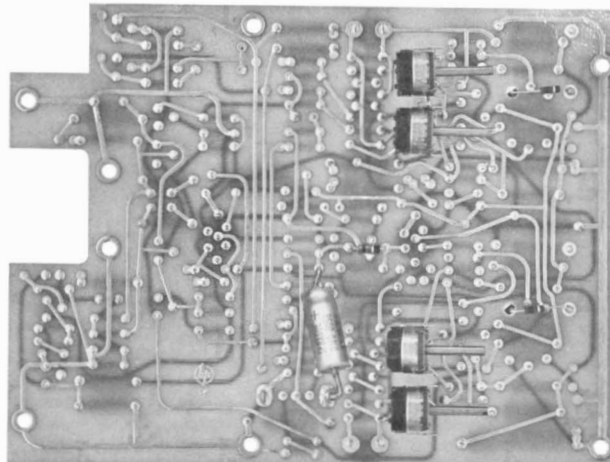
The bandwidth of the Trigger Amplifier after this modification is 5 cps to 2.5 Mc. Formerly it was dc to 2.5 Mc.

Components Included in Kit 01750-69501

Ref. Desig.	Qty		hp Part No.
R62	1	R: 1 megohm, 1/8w, 1%	0698-3129
R63	1	R: 27 ohms, 1/4w, 5%	0683-2705
R64	1	R: 150 ohms, 1/8w, 1%	0757-0284
R60	1	R: 7.5k ohms, 1/8w, 1%	0757-0440
R59	1	R: 511 ohms, 1/8w, 1%	0757-0416
C55	1	C: 50 μ f, 25vdcw	0180-0058
	1	Service Note	1750B-2

Modification Procedure

- a. Replace R62 (390K) with 1 megohm resistor.
- b. Replace R63 (33 ohms) with 27 ohm resistor.
- c. Replace R64 (300 ohms) with 150 ohm resistor.
- d. Remove CR51 (diode) and install R60 (7.5K ohm resistor).
- e. Connect a 511 ohm resistor (R59) between the base of Q11 and Pin 8 of V1 (cathode). See Figure 1.
- f. Connect a 50 μ f capacitor (C55) between the base of Q11 and ground. See Figure 1.
- g. Make the dc level adjustment (R65) as indicated in Section V of your hp Model 1750B Operating and Service Manual.
- h. Change the Schematic Diagram and Replaceable Parts List in your hp Model 1750B Operating and Service Manual to incorporate the above changes.



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