

SECTION 9 DIAGRAMS

The following symbols are used on the diagrams:



Screwdriver adjustment



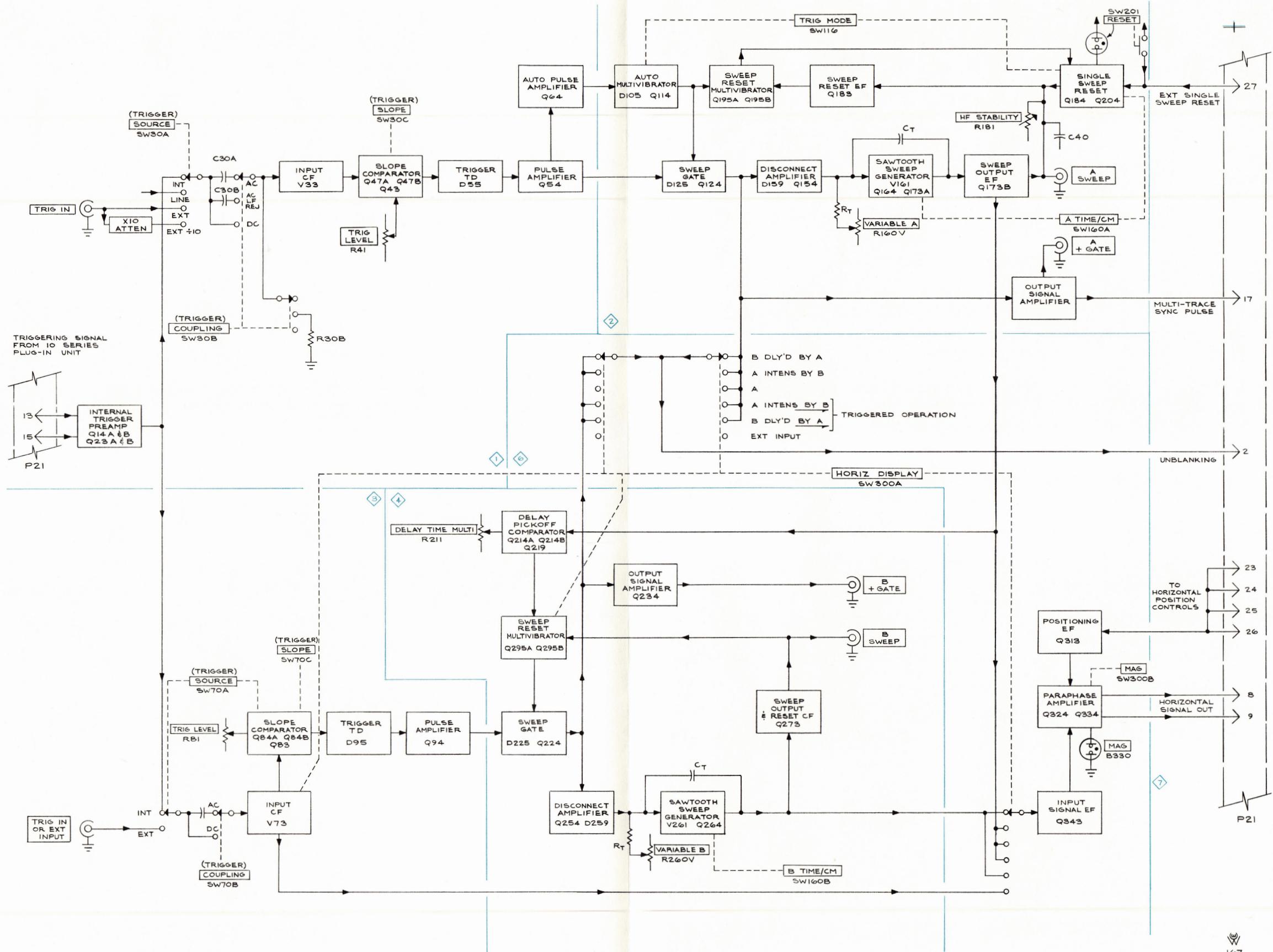
Front-, side- or rear-panel control
or connector



Clockwise control rotation in direc-
tion of arrow



Refer to indicated diagram



TYPE 11B2A PLUG-IN

BLOCK DIAGRAM

VOLTAGE AND WAVEFORM TEST CONDITIONS

Typical voltage measurements and waveform photographs were obtained under the following conditions unless noted otherwise on the individual diagrams:

Test Oscilloscope (with 10X Probe)

Frequency response	DC to 10 MHz
Deflection factor (with 10X probe)	0.1 to 50 volts/division
Input impedance (with 10X probe)	10 Megohms, 7.5 pico-farads
Probe ground	Type 11B2A chassis ground
Trigger Source	External from Type 11B2A A +Gate output connector of time-base unit to indicate true time relationship between signals
Recommended type (as used for waveforms on diagrams)	Type 545B with Type 1A1 plug-in unit

Voltmeter

Type	Nulling-type VTVM
Input impedance	10 megohms
Range	0 to 500 volts
Reference voltage	Type 11B2A chassis ground
Recommended type	Fluke Model 825A

Type 11B2A Conditions

Line voltage of indicator oscilloscope	115 volts
Signal applied	Five-volt calibrator signal from indicator oscilloscope for waveforms only
Trace position	Centered
Control settings	As follows except as noted otherwise on individual diagrams:
TRIG MODE	NORM
A SLOPE	+

A TRIG LEVEL	Midrange
A HF STABILITY	Midrange
A COUPLING	AC
A SOURCE	INT
B COUPLING	AC
B SOURCE	INT
B TRIG LEVEL	Midrange
B SLOPE	+
HORIZ DISPLAY	A INTEN BY B (triggered)
MAG	OFF
A TIME/CM	1 mSEC
B TIME/CM	5 μSEC
A VARIABLE (A TIME/CM)	CALIB
B VARIABLE (B TIME/CM)	CALIB
DELAY TIME MULT	1.00

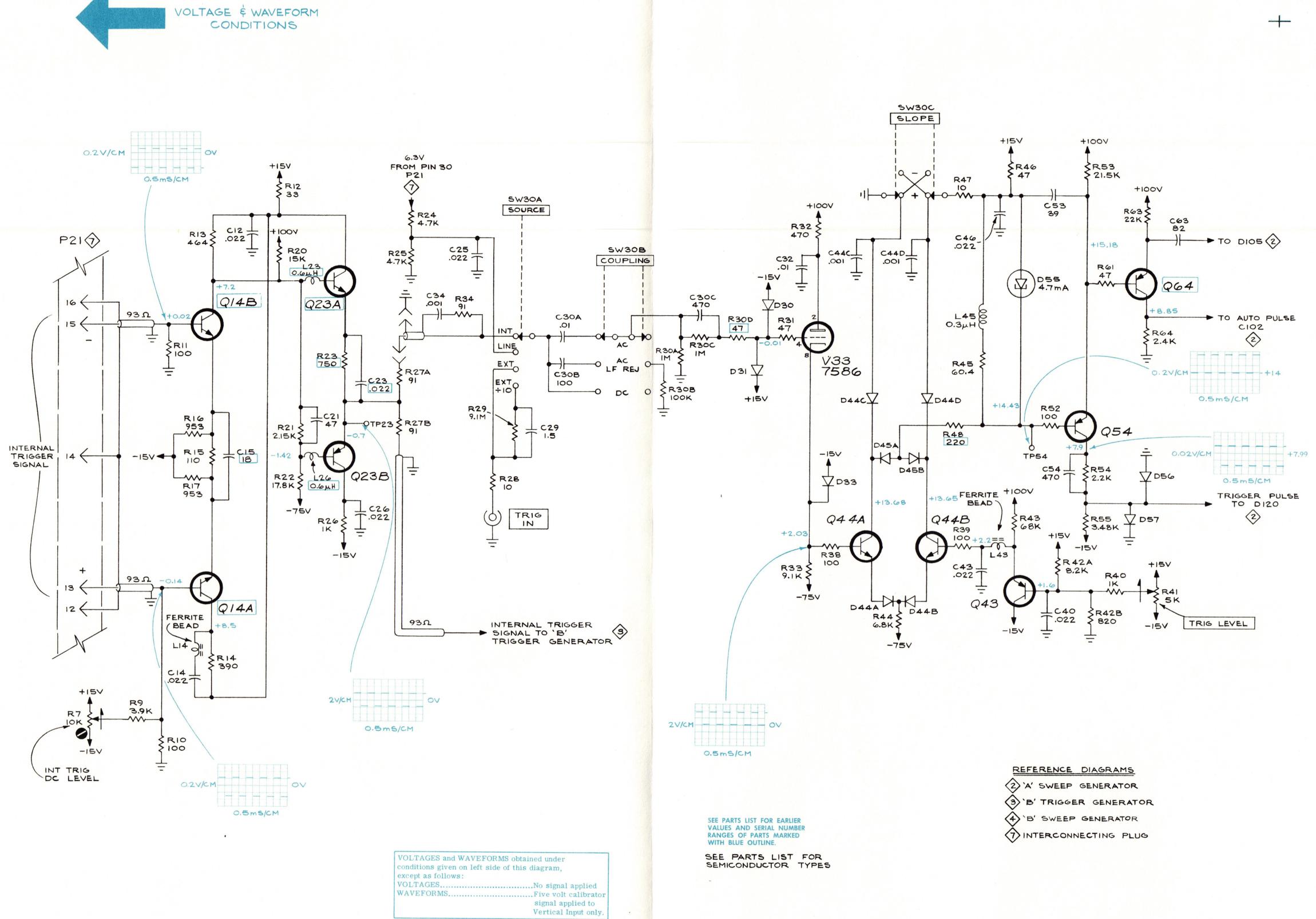
10-Series Plug-In (Both channels if applicable)

Input Coupling	DC
Volts/Cm	1
Variable	Cal
Position	Adjust for centered display
Invert	Pushed in
Trigger	Norm
Mode	Ch 1

Indicator Oscilloscope Conditions

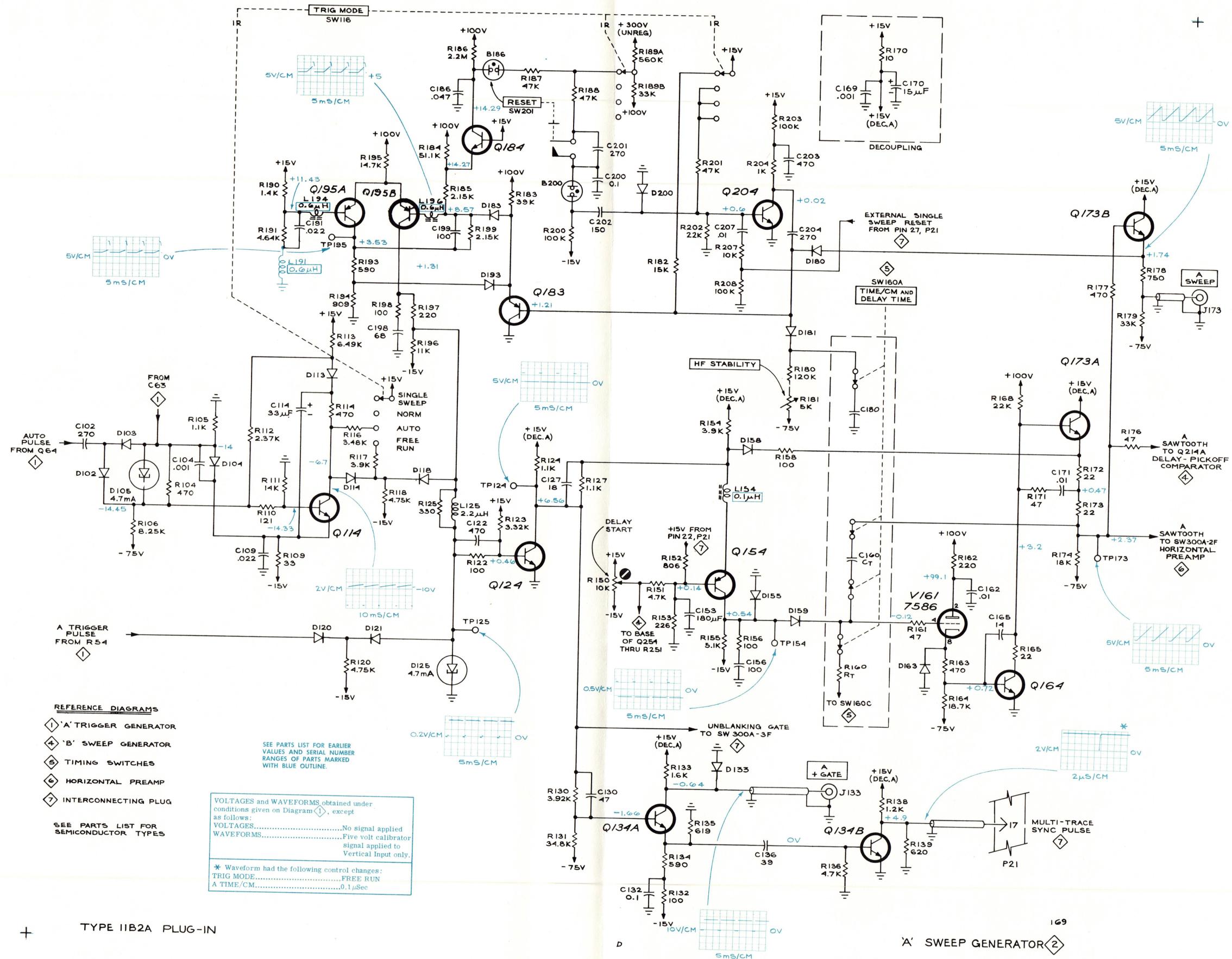
Intensity	Visible display
Focus	Adjust for optimum display
Astigmatism	Adjust for optimum display
Scale Illum	As desired
Calibrator	5 volts
Position (horizontal)	Midrange
Fine	Midrange

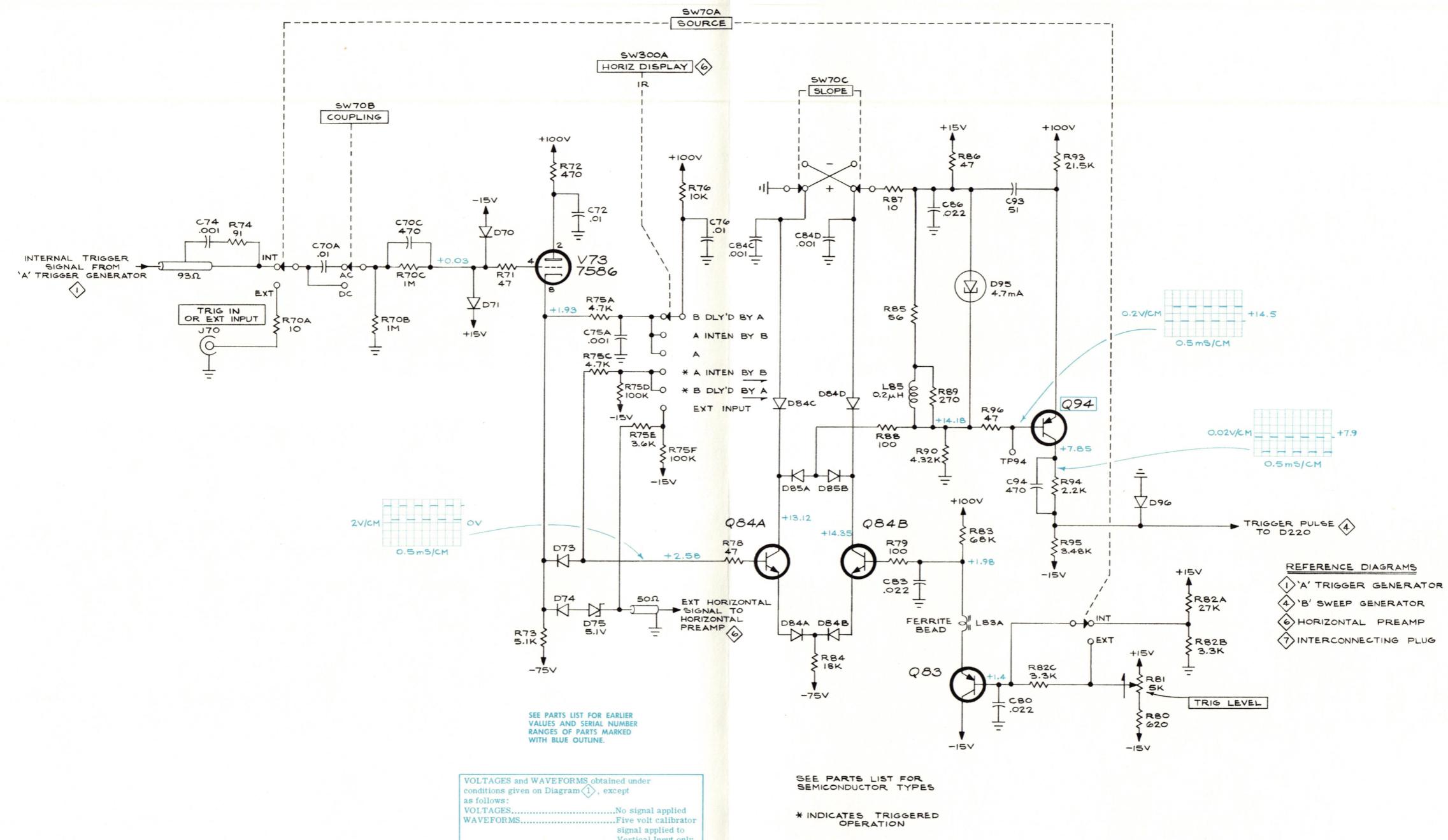
Voltages given on the diagrams are in volts. Waveforms shown are actual waveform photographs taken with a Tektronix Oscilloscope Camera System and Projected Graticule. Voltages and waveforms on the diagrams (shown in blue) are not absolute and may vary between instruments because of differing component tolerances, internal calibration, front-panel control settings, meter loading or meter accuracy.



TYPE 11B2A PLUG-IN

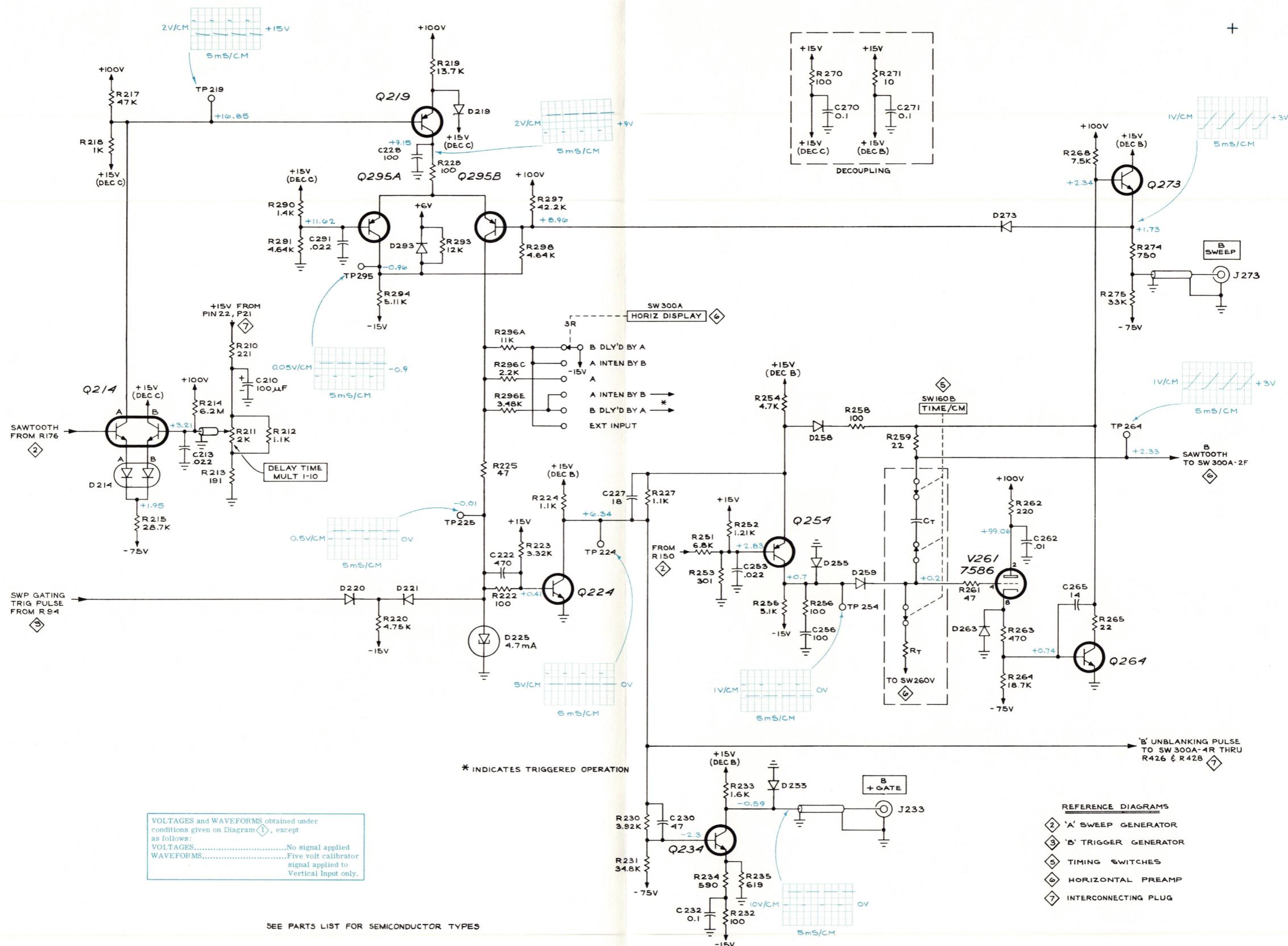
'A' TRIGGER GENERATOR (1)





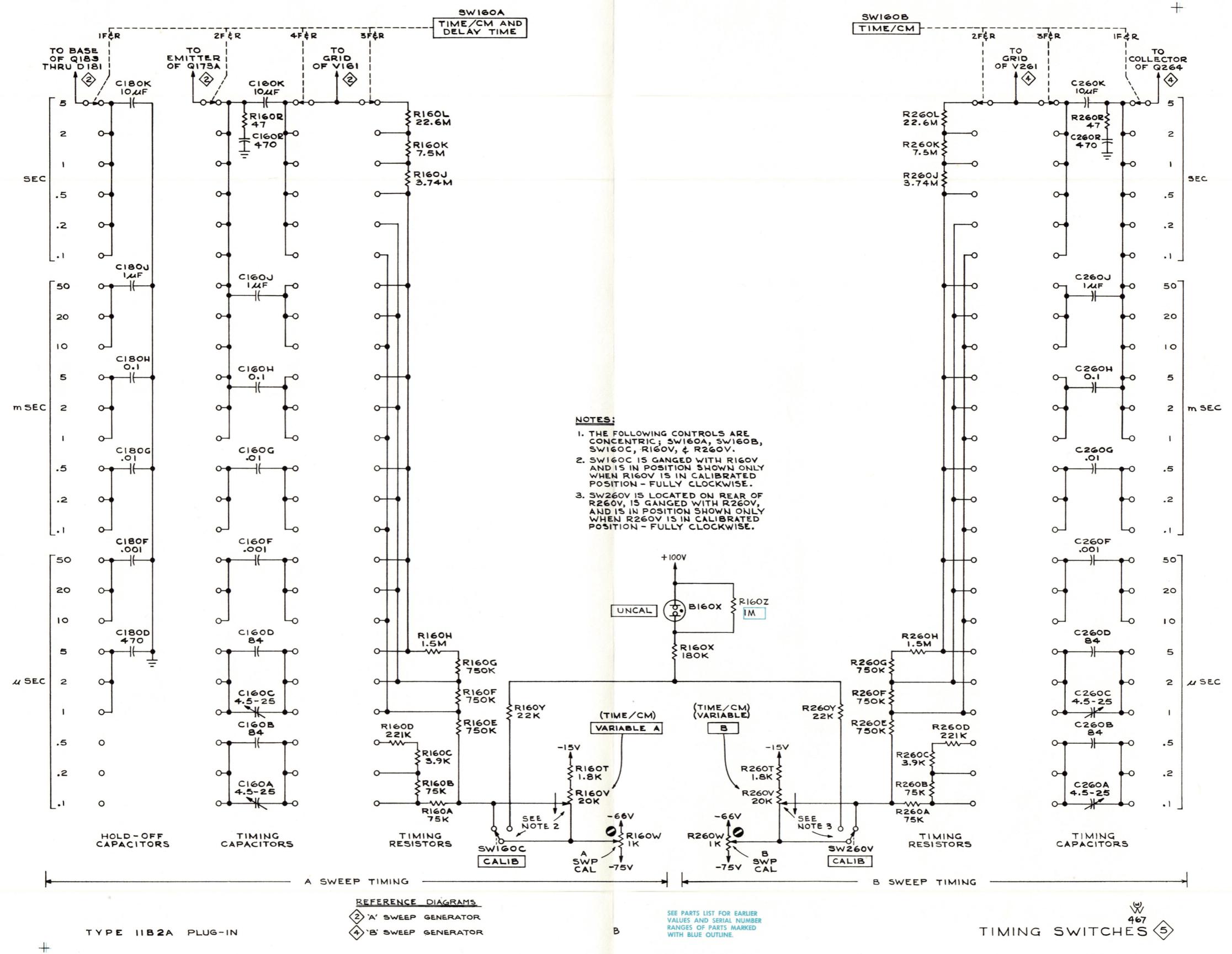
TYPE 11B2A PLUG-IN

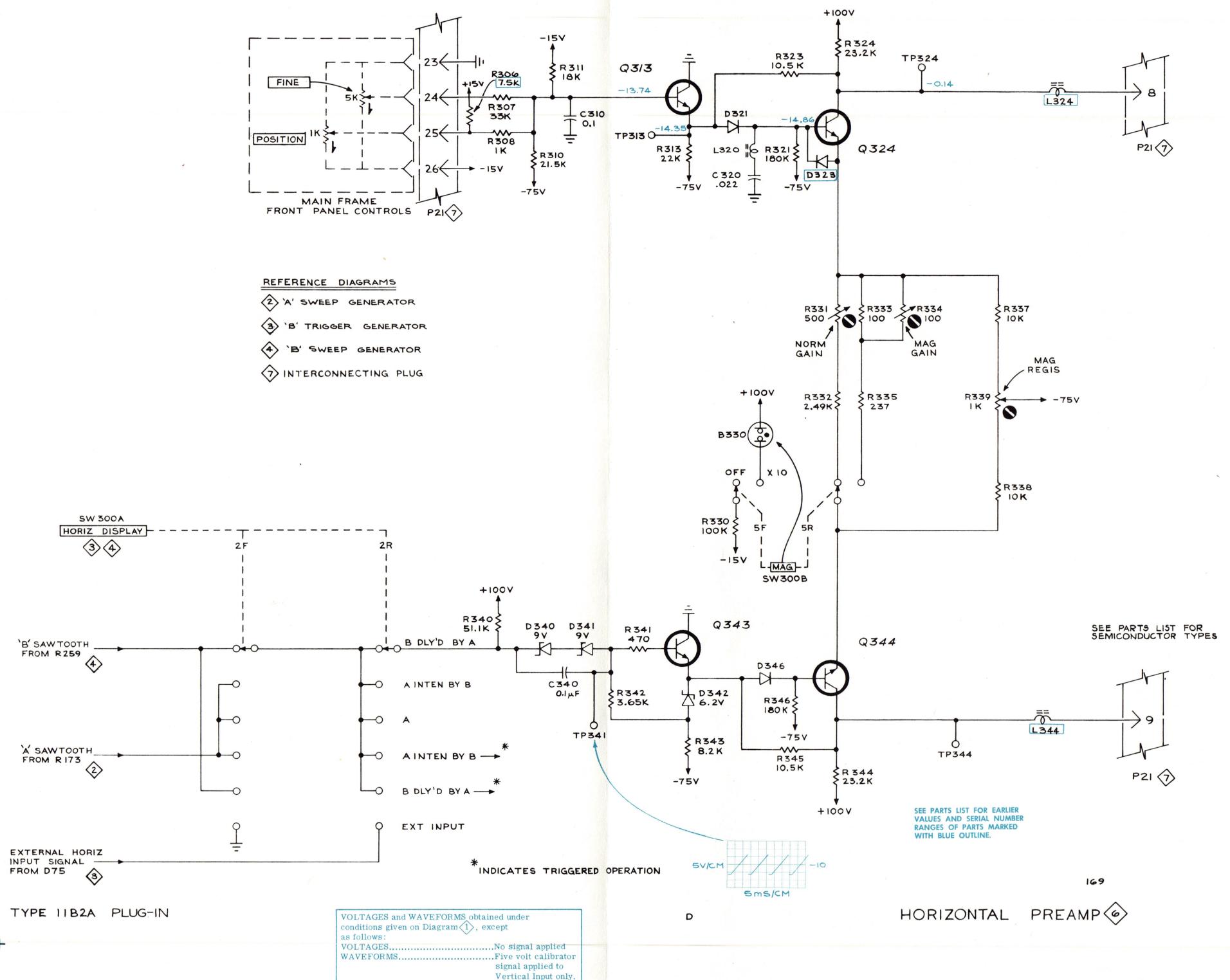
'B' TRIGGER GENERATOR ③



TYPE 11B2A PLUG-IN

'B' SWEEP GENERATOR (4)





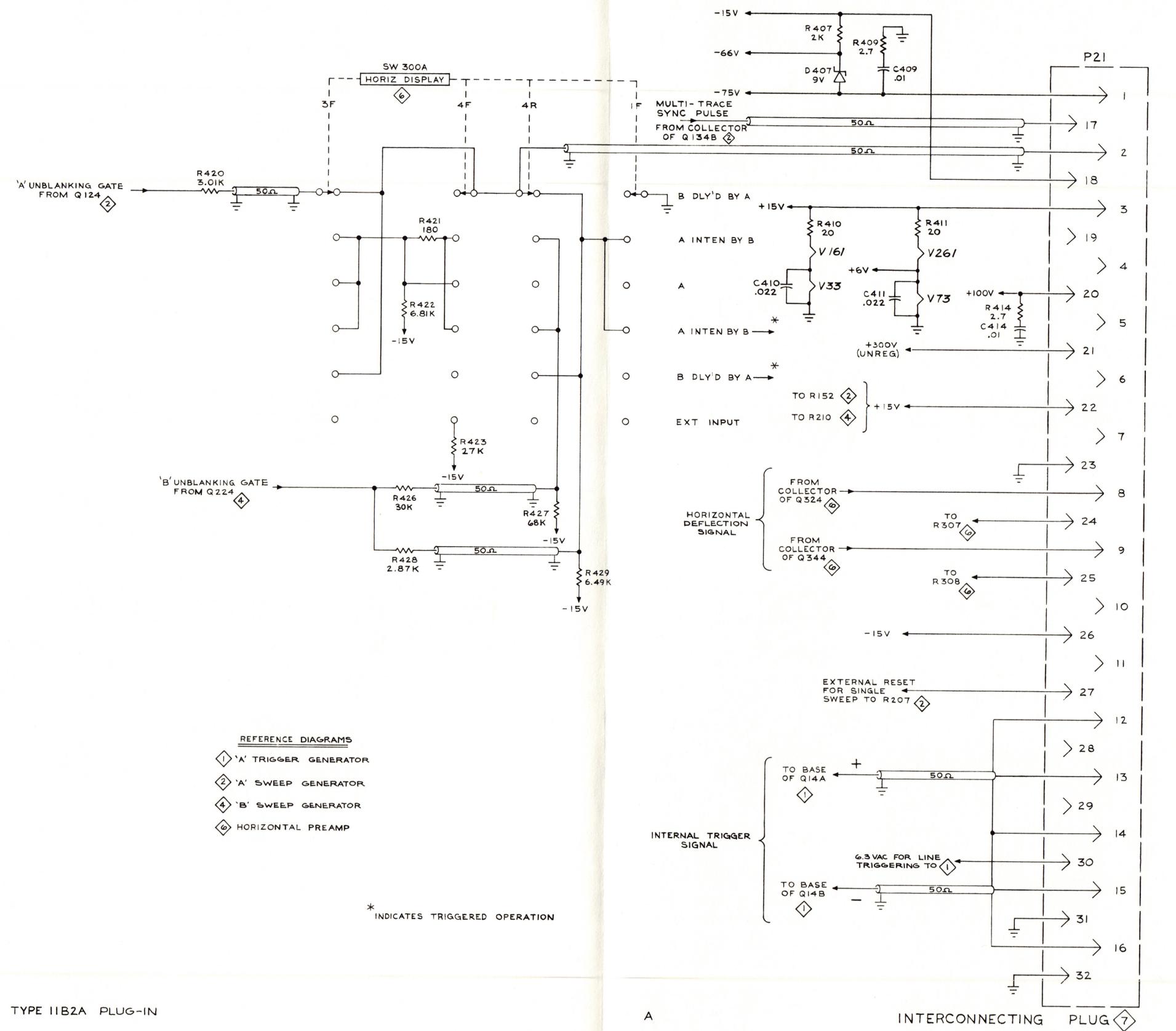
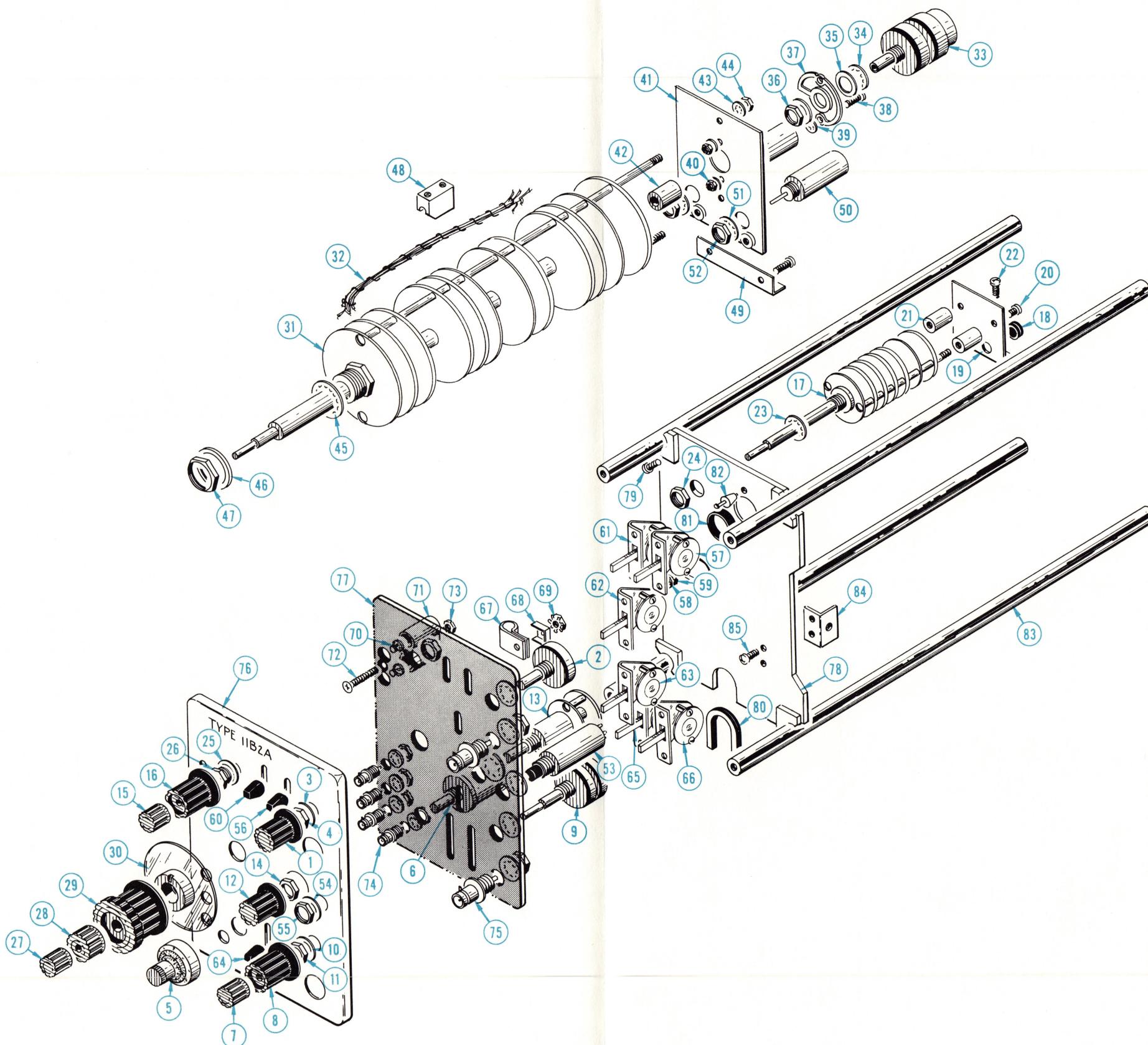
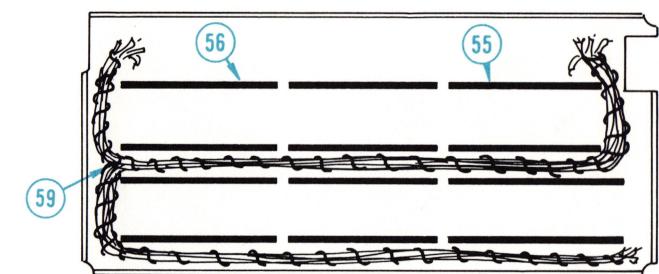
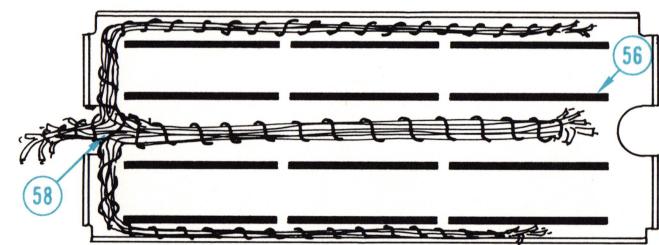
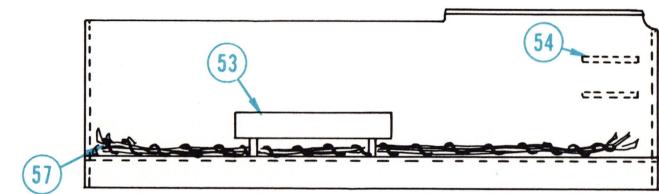
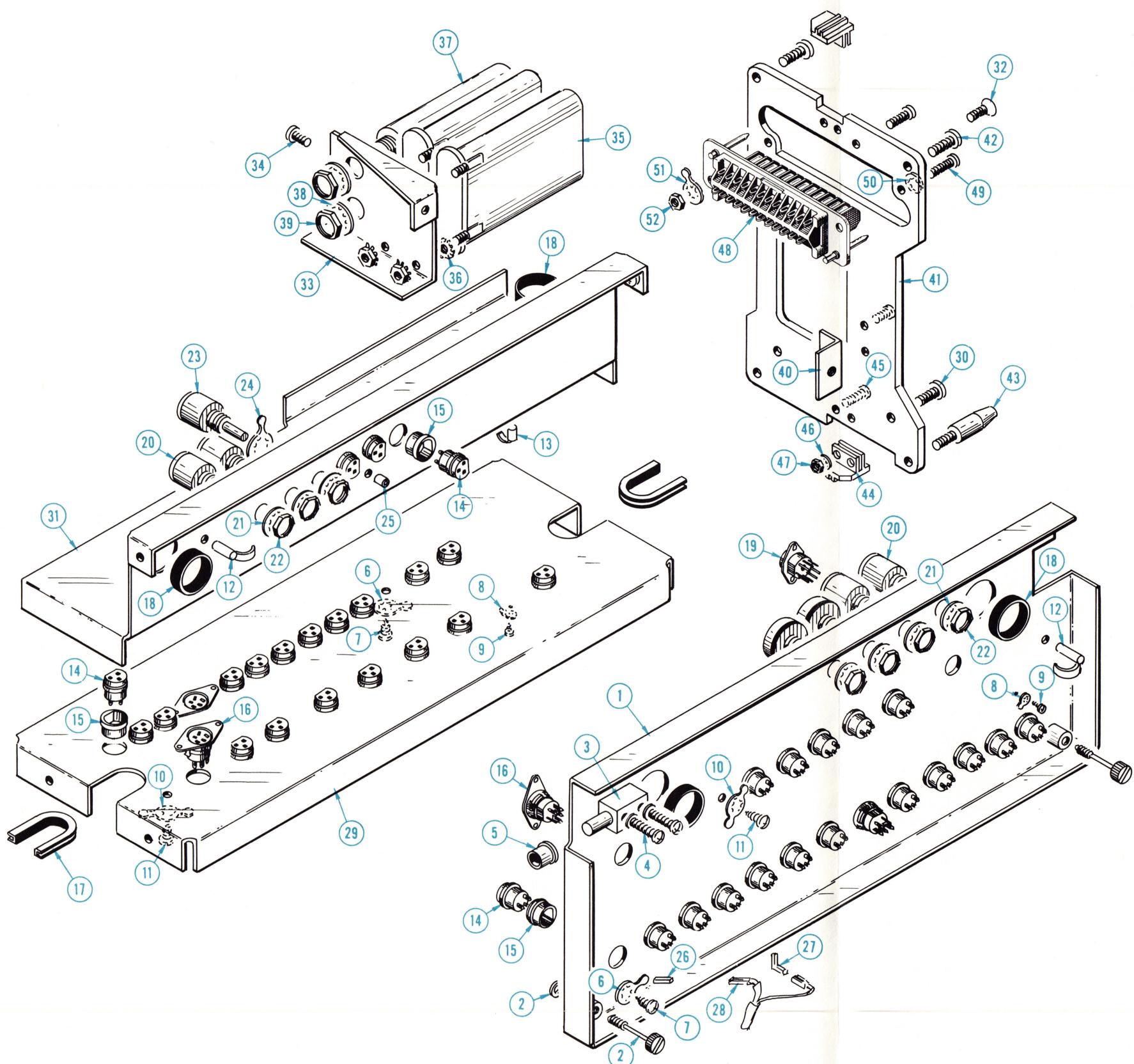


FIG. 1 FRONT



TYPE 11B2A TIME BASE PLUG-IN UNIT

FIG. 2 REAR



TYPE 11B2A TIME BASE PLUG-IN UNIT