W A R N I N G

THE FOLLOWING SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED PERSONNEL ONLY. TO AVOID PERSONAL INJURY, DO NOT PERFORM ANY SERVICING UNLESS YOU ARE QUALIFIED TO DO SO.

TEKTRONIX®

This insert is provided as a supplement to the instruction manual furnished with this modified instrument. The information given in this insert supersedes that given in the manual.

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7L5

MOD FB

MODIFICATION INSERT

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093080 061-2395-00

7L5
MOD FB

This manual insert describes MOD FB as it applies to the TEKTRONIX 7L5 Spectrum Analyzer plug-in unit and its use with the WP-Series Digital Processing Oscilloscope (DPO) systems. The peak/average cursor will be deleted from the store mode display. It may be enabled by engaging the front-panel FINE TUNING push button (CURSOR ON is added to the instrument front panel to identify the added function).

For operation of the 7B5 MOD FB with the DPO mainframe, internal jumper P3008 (on the Transverse Interface board) must be in the DPO position. This permits the DPO to acquire the 7L5 MOD FB signal when the cursor is "off".

For operation with the TEKTRONIX 7854 Oscilloscope, a 7854/NORM switch is added to defeat the time-shared display of the dot marker. With the added rear-panel switch in the 7854 position, the plug-in chopped mode is disabled at all times and both the dot marker and the cursor are disabled, except when CURSOR ON is selected by the front-panel push button (then both the dot and the cursor will be displayed).

The 7854 position of the slide switch may be used with the DPO mainframe, leaving jumper P3008 in the NORM position. However, the dot marker will then be disabled along with the cursor, unless CURSOR ON is asserted.

In DPO systems using the 7704A/P7001, the dot marker may be displayed (at low intensity) by setting P3008 to DPO, or may be defeated entirely by setting the added switch to 7854 (both may not be set to NORM for DPO operation).

PARTS LIST

Electrical

Add:

Q4739	151-0190-00		TRANSISTOR, NPN, SILICON, 2N3904
R4739	315-0103-00		RESISTOR, FXD, CMPSN, 10 kΩ, 5%, 0.25 W
S3000	260-1812-00		SWITCH, SLIDE, DPDT -- 7854/NORM

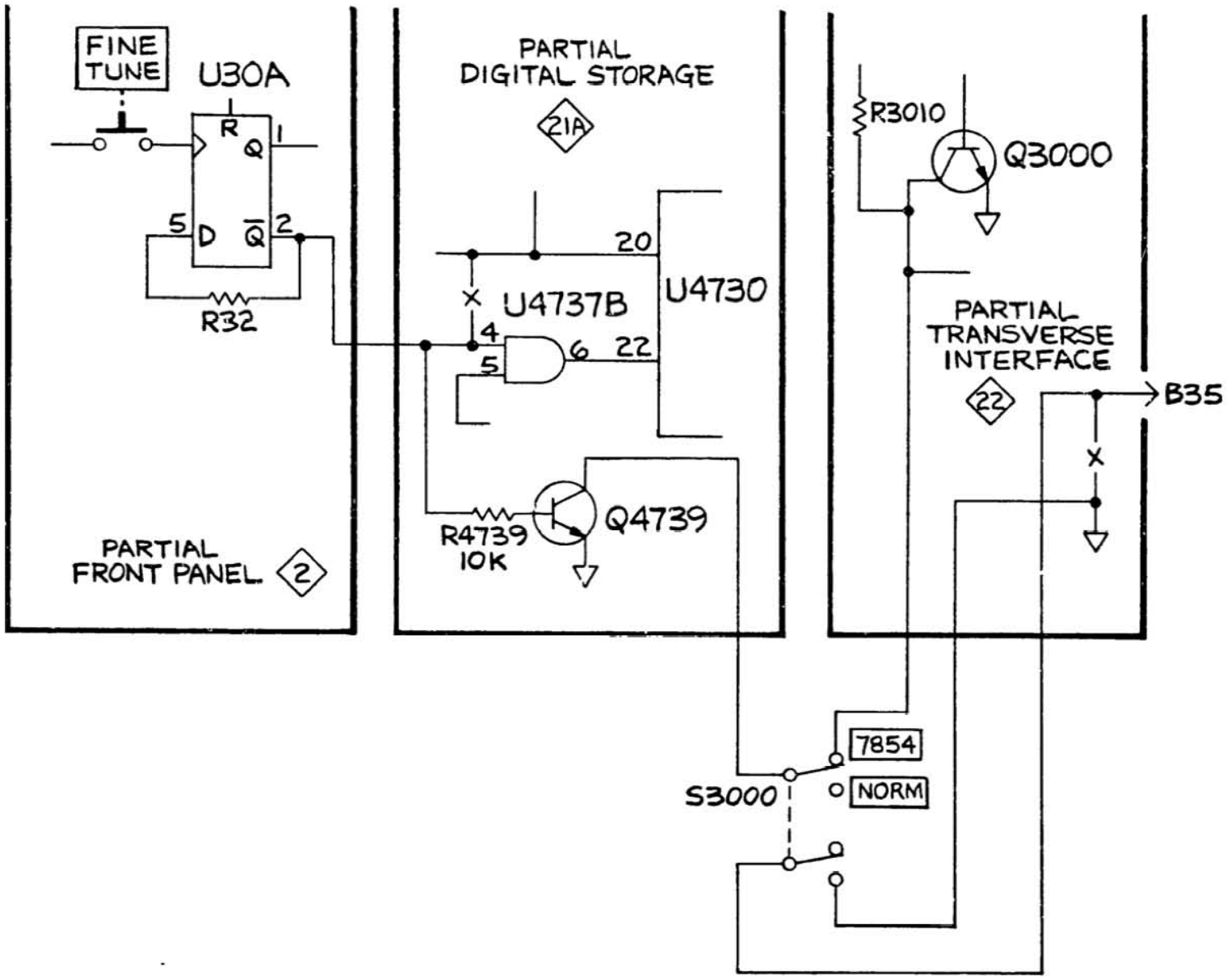
Mechanical

Add:

	211-0008-00	2	SCREW, MACHINE, 4-40 x 0.250, PNH, STEEL

Change To:

	030-0996-04	1	PANEL, REAR
	333-1936-02	1	PANEL, FRONT


FINE TUNE
U30A
R
Q
1
5
D
Q̄
2
R32
PARTIAL FRONT PANEL
2
PARTIAL DIGITAL STORAGE
21A
20
U4730
U4737B
4
5
6
22
R4739
10K
Q4739
R3010
Q3000
PARTIAL TRANSVERSE INTERFACE
22
B35
7854
S3000
NORM