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ADVANCE NOTICE "MINIMUM ORDER POLICY"

On February 21, 1983 Tektronix will institute a minimum order policy. The minimum order will be \$25.00 on all orders placed on or after that date.

It is not economically feasible for us to continue to process small orders which incur administrative costs in excess of the value of the parts/products ordered. We are confident you will recognize the need for this change since most of our industry already follows a similar practice.

We delayed this decision as long as we did because we did not want our customers to experience difficulty or excess costs in ordering from us.

If you do place an order with a total price of less than \$25.00, you will be billed \$25.00, plus applicable tax and transportation charges. If you request partial shipments, you will be billed for the items actually shipped plus a surcharge (difference between the total order price and \$25.00) with the first shipment. The billing for later shipments that are part of the same order will not include the surcharge.

If you have any questions regarding our minimum order policy, contact your Tektronix ordering office.

submitted by--Sherm Bucher Field Support

DC5010 H.F. COUNTING FLUCTUATES BY 4 OR 5 LEAST SIGNIFICANT DIGITS

Reference: A16 Digital Board

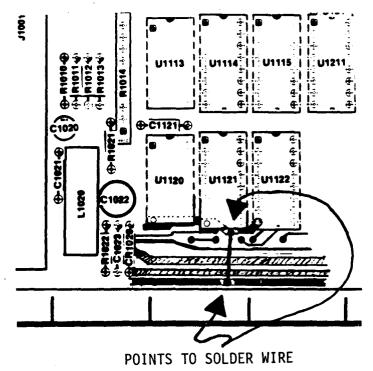
Fluctuation of >10kHz on the last four to five L.S.D.'s may occur when measuring frequencies between 100MHz to 350MHz (the symptom normally shows at 350MHz). First, varify the signal source to ensure it is not the cause of the erratic display. If the source is stable, then the following modification should be done to improve the display:

1) One end of an insulated wire is soldered to the ground plane run located on the bottom front of the A16 Digital Board. See the diagram for the exact location.

(Scrape the solder mask from the run at the point of soldering, being careful not to damage the run. Too much heat on the run can separate it from the board, so use care when soldering.)

2) Solder the other end of the wire to the ground plane which attaches together Pin 7 of U1120 and Pin 8 of U1121 and U1122. (Follow the soldering procedure in Step 1.)

In some extreme cases U1120 may be part of the noise and will have to be replaced.



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W² Issue 13-1

SERVICE**TEK**NOTES

R230 100% MEMORY RANGE, R1154

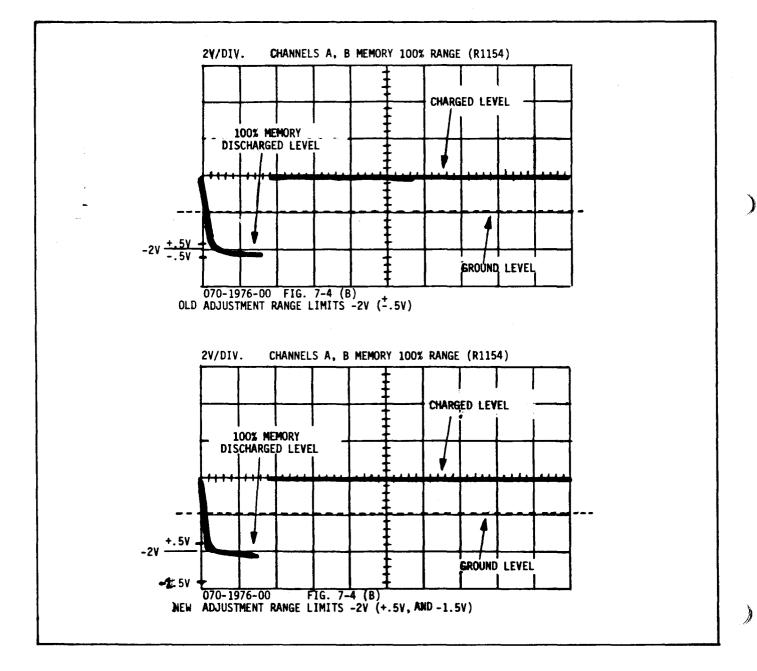
Reference:

070-1976-00 230/R230 Digital Unit 670-0232-00 CHA/CHB Memory

The 100% memory range test and adjustment section of the 070-1976-00 manual includes a check procedure for the 100% memory discharge voltage level. Section 9 on pages 7-6 and 7-7 checks and adjusts R1154 for a -2 volt level (with a \pm 0.5 volts tolerance) below ground reference. The tolerance range for the -2 volt (R1154) adjustment has been changed from \pm 0.5 volts to to + 0.5V through -1.5V from the -2 Volt level. From Ground reference, the R1154 Adjustment range is -1.5 Volts to -3.5 Volts.

In some instances when Q1155 (151-1002-00) is a Motorola part, the wider tolerance range is necessary. The increased tolerance window will not affect memory operation or operating specifications.

 W^2 Issue 13-2



SC504 PERFORMANCE IMPROVED

Serial Number: B012285 and below.

A new mod kit, P/N 040-0974-01, will improve high frequency triggering, improve the vertical amplifier gain stability with respect to temperature, increase CRT beam current adjustment range, and will improve sweep linearity in the 50 and 100 nsec/Div ranges.

 W^2 Issue 12-25

S-3200 PDP11/35 EIS REVISION F CAUSES GRAPHICS ERRORS

Installation of F revision EIS (Extended Instruction Set KE11-E) board into the PDP11/35 will cause problems with the graphics on some Tektest programs. Most systems that use the PDP11/35 as a controller have the revision D or E installed. The EIS board (labeled M7238) is the second board from the front. The revision of the board is stamped on the metal support bar. All EIS boards which DEC repairs or replaces will automatically be updated to the revision F level.

A simple way to check for the revision F is to run CMPCAL, C100 ident RCL. The resulting graph will be missing upper and right side line of the graph. The 30V reference nomenclature that should be on the bottom right will be displayed on the left side. There will be no zero base line in the middle of the graph. Two other tests that will display similar results are C070 and C145.

There is work being done to resolve this problem. This article is to make those using the PDP11/35 as a controller aware of this situation.

W² Issue 12-25

S-3200 SERIES NEW STYLE FLIP CHIP FOR PDP 11

Systems that utilize DMA type boards in the PDP11 need a newer type flip chip when the DMA type board is removed. When a DMA type board, i.e. GPIB, is installed the Non-Processor Grant (NPG) chaining short is removed from that back plane slot. When the DMA type board is removed this leaves the NPG line open. Installing the small Flip Chip Bus Grant card DEC P/N G727 will allow the system to function as a software system only. With the small flip chip installed the NPG line is left open preventing the Test Station Control Unit from giving an interrupt to start a test.

If a DMA type board is removed from the PDP 11, make sure that the two wide NPG and Bus Grant card (G7273) is installed in slots C & D. The G7273 is the number on the pull tab of the card, it is a DEC card and there is no Tektronix part number.

Another option is to use the smaller Bus Grant card and wirestrap CA1 to CB1 in the slot from where the DMA Board was removed. This is not ideal when there are plans for reinstalling the DMA Board in the future. The strap must be removed when the DMA Board is reinstalled.

 W^2 Issue 13-2

S-3200 SERIES RACK NAME PLATES

The name plates listed in the **Power Control, Interconnect, and Racks Manual** (070-3471-00) are for the S-3270 System. The manual was written for the S-3270 but a majority of the parts relate to all S-3200

S-3200 SERIES RACK NAME PLATES (cont.)

Series Systems except the S-3220 and S-3295. The S-3250 short racks used different side panels and doors as might be expected. One of the parts that is not universal is the rack plates shown on Fig. 2 Index 43. There are two colors of these plates plus different wording. For systems that have a blue side panel, Fig. 2 Index 7, the plates are light blue. For racks that have gray side panels the plates are dark blue.

The following is a list of the plates available for S-3200 Series Systems:

Light Blue Color With Power Switch Slot

Wording

Part Number

S-3270

Light Blue Color Without Power Switch Slot

Wording	Part Number			
Tektronix	334-2958-09			
Blank	334-2958-00			

Dark Blue Color With Power Switch Slot

Wording	Part Number
S-3250	334-3577-01
S-3270	334-3292-01
S-3275	
S-3280	334-3293-01
Tektronix	334-3577-03

Dark Blue Color Without Power Switch Slot

Wording	Part Number			
Blank	334-3577-00			
Tektronix	334-3577-02			

 W^2 Issue 13-2

TV MANUAL REVISIONS

The following manuals have been revised as of October 1982.

TSG12 070-2329-00

W² Issue 12-25

TV MANUALS REVISIONS

The following manuals have been revised and updated as of November 1982.

Instrument	Manual P/N
528A	070-3662-00
TSG11	070-2328-00
1980 Operators	061-2259-01
1420, 1421, 1422	
B050000 and Up	070-2899-00
TDC1, TDC2	
Opt. 2 and 12	070-3719-00
521Å	070-1794-00
TSG2	
B020470 and Up	070-2599-00
650HR Series	070-2646-01

The 650HR Series has been revised to remove those parts which were formerly associated with the 650A series only. This removes a substantial amount of redundent material and will make the overall manual much more useable for the technician. Data has also been added for the 652HR and 652HR-1, which are PAL-M versions of the color monitor.

W² Issue 12-25

TV MANUALS REVISIONS

The following manuals have been revised/ released as of November/December, 1982.

1980 Service Manual Volume 2

070-4494-00

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SERVICETEKNOTIES

TV MANUALS REVISIONS (cont.)

- 1980 Service Installation 070-3742-00
- 380 NTSC Test Monitor 070-3421-00
- TSG 6 NTSC Multiburst Generator 070-2528-00
- SPG1/2 NTSC Sync Generator 070-2104-00
- 1474 NTSC Color Sync Generator 070-2097-00

 W^2 Issue 13-2

TV PRODUCTS, CRT NECK PINS

REF: 520A Manual 070-1709-00 521A Manual 070-1794-00 522A Manual 070-1874-00 528A Manual 070-3662-00 1420 Series Manual 070-2899-00 1424 Manual 070-3893-00 1480 Series Manual 070-2338-00 Mod 46427

In order to improve the reliability of CRT neck pins in TV CRT products, Mod 46427 has replaced several types of CRT neck pin connectors with P/N 131-0472-01.

This part is a better design for the intended application, and should be used where intermittent or loose neck pin connectors have been a problem.

W² Issue 13-1

7B80 REPLACEABLE ELECTRICAL PARTS LIST CORRECTION

An error in the 7B80 service manual, P/N 070-1959-00, has omitted numerous part numbers for resistors.

(CHART ON THE FOLLOWING PAGE)

 W^2 Issue 12-25

SERVICETEKNOTES

January 1983, Issue 27

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7B80 REPLACEABLE ELECTRICAL PARTS LIST CORRECTION (cont.)

REPLACEABLE ELECTRICAL PARTS LIST CORRECTION

		Tektronix	Serial/Model No.	
ADD:	Ckt No.	Part No.	Eff Dscont	Name & Description
	R372	315-0102-00		RES.,FXD,CMPSN: 1K OHM,5%,0.25W
	R381	315-0202-00		RES., FXD, CMPSN: 2K OHM, 5%, 0.25W
	R382	315-0270-00		RES.,FXD,CMPSN: 27 OHM,5%,0.25W
	R383	315-0510-00		RES.,FXD,CMPSN: 51 OHM,5%,0.25W
	R410	311-1781-00		RES.,VAR,NONWIR: 10K OHM,10%,0.50W
	R412	315-0513-00		RES., FXD, CMPSN: 51K OHM, 5%, 0.25W
	R413	315-0105-00		RES.,FXD,CMPSN: 1M OHM,5%,0.25W
	R414	321-0362-00		RES.,FXD,FILM: 57.6K OHM,1%,0.125W
	R415 R416	311-1781-00 321-0289-00		RES.,VAR,NONWIR: 10K OHM,10%,0.50W RES.,FXD,FILM: 10K OHM,1%,0.125W
	n+10	321-0209-00		NE3., FAD, FILM. TOK OFIM, FR,0.125W
	R422	315-0101-00	B010100 - B030944	RES.,FXD,CMPSN: 100 OHM,5%,0.25W
	R422	315-0680-00	B030945	RES.,FXD,CMPSN: 68 OHM,5%,0.25W
	R424 R426	323-0285-00 315-0180-00		RES.,FXD,FILM: 9.09K OHM,1%,0.50W
	R427	315-0103-00		RES.,FXD,CMPSN: 18 OHM,5%,0.25W RES.,FXD,CMPSN: 10K OHM,5%,0.25W
	R428	315-0473-00		RES.,FXD,CMPSN: 47K OHM,5%,0.25W
	R430	311-1423-00		RES., VAR, NONWIR: 20 OHM, 20%, 0.50W
	R431 R432	321-0122-00 315-0180-00		RES.,FXD,FILM: 182 OHM,1%,0.125W RES.,FXD,CMPSN: 18 OHM,5%,0.25W
	R433	315-0820-00		RES.,FXD,CMPSN: 82 OHM,5%,0.25W
	R434	323-0285-00		
	R435	323-0285-00		RES.,FXD,FILM: 9.09K OHM,1%,0.50W RES.,FXD,FILM: 143K OHM,1%,0.125W
	R436	315-0180-00		RES.,FXD,CMPSN: 18 OHM,5%,0.25W
	R437	315-0103-00		RES.,FXD,CMPSN: 10K OHM,5%,0.25W
	R438	315-0473-00		RES.,FXD,CMPSN: 47K OHM,5%,0.25W
	R439	315-0151-00		RES.,FXD,CMPSN: 150 OHM,5%,0.25W
	R440	315-0470-00		RES.,FXD,CMPSN: 47 OHM,5%,0.25W
	R441	315-0682-00		RES.,FXD,CMPSN: 6.8K OHM,5%,0.25W
	R442	321-0225-06		RES.,FXD.FILM: 2.15K OHM,0.25%,0.125W
	R444	322-0210-00		RES.,FXD,FILM: 1.5K OHM,1%,0.25W
	R445	311-1226-00		RES., VAR, NONWIR: 2.5K OHM, 20%, 0.50W
	R446	315-0682-00		RES.,FXD,CMPSN: 6.8K OHM,5%,0.25W
	R447	321-0928-03		RES.,FXD,FILM: 250 OHM,0.25%,0.125W
	R448	322-0218-00		RES.,FXD,FILM: 1.82K OHM,1%,0.25W
	R449	322-0224-00		RES.,FXD,FILM: 2.10K OHM,1%,0.25W
	R454	322-0210-00		RES.,FXD,FILM: 1.5K OHM,1%,0.25W
	R455	321-0124-00		RES.,FXD,FILM: 191 OHM,1%,0.125W
	R456 R457	315-0682-00 321-0928-03		RES.,FXD,CMPSN: 6.8K OHM,5%,0.25W
	R458	322-0218-00		RES.,FXD,FILM: 250 OHM,0.25%,0.125W RES.,FXD,FILM: 1.82K OHM,1%,0.25W
	R459 R705	322-0224-00 311-0467-00		RES.,FXD,FILM: 2.10K OHM,1%,0.25W RES.,VAR,NONWIR: 100K OHM,20%,0.50W
	R706	321-0438-00		RES.,FXD,FILM: 357K OHM,1%,0.125W
	R710	311-1232-00		RES., VAR, NONWIR: 50K OHM, 20%, 0.50W
	R711	321-0458-00		RES., FXD, FILM: 576K OHM, 1%, 0.125W
	R712	315-0273-00		RES.,FXD,CMPSN: 27K OHM,5%,0.25W
	R713	315-0273-00		RES.,FXD,CMPSN: 27K OHM,5%,0.25W
	R714	321-0363-00		RES.,FXD,FILM: 59K OHM,1%,0.125W
	R715	311-1232-00		RES.,VAR,NONWIR: 50K OHM,20%,0.50W
	R 717	321-0360-00		RES.,FXD,FILM: 54.9K OHM,1%,0.125W
	R721	315-0121-00		RES.,FXD,CMPSN: 120 OHM,5%,0.25W
	R722	321-0225-06		RES.,FXD,FILM: 2.15K OHM,0.25%,0.125W
	R723 R724	321-0642-00 315-0682-00		RES.,FXD,FILM: 20.3K OHM,0.25%,0.125W RES.,FXD,CMPSN: 6.8K OHM,5%,0.25W
	R725	315-0682-00		RES., FAD, CMFSN: 6.6K OHM, 5%, 0.25W RES., VAR, NONWIR: 10K OHM, 10%, 1W
	R728 R729	301-0302-00 315-0101-00		RES.,FXD,CMPSN: 3K OHM,5%,0.50W RES.,FXD,CMPSN: 100 OHM,5%,0.25W
	R731	315-0221-00		RES.,FXD,CMPSN: 220 OHM,5%,0.25W
	-			

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SERVICETEKNOTES

7D10 MANUAL CORRECTION	Description	Part Number	Quan.
RE: 7D10 Instruction Manual P/N 070-2148-00	Vinyl Accessory Pouch	016-0535-01	1
When performing any type of "External" or	Thumbscrew	213-0262-00	1
"Line" triggering check, the signal that's applied to the "Ext Trig In" connector must also be applied to the "Events Start	Washer (Under Thumbscrew)	210-0804-00	1
Trig In" connector. This change effects steps A5, A6, and A7 in the manuals per- formance check.	C-Clip (For Thumbscrew)	354-0290-01	1
W^2 Issue 12-25	Bottom Plate	386-2430-00	1
	Backing Plates (inside pouch)	386-2418-00	2
7D15 MANUAL CORRECTION	Rubber Feet	348-0037-00	4
RE: 7D15 Instruction Manual		348-0037-00	4
P/N 070-1433-00	Screws (Bottom Front)	211-0012-00	2
When checking the External clock on page 5-11, Step e should read "to check for a 2Hz waveform" instead of	Screws (Bottom Rear)	211-0097-00	2
20Hz.	Real)	211-0097-00	L
W ² Issue 12-25		W ² Issue	2 12-25

7L14 PHASE LOCK ASSEMBLY A48

RE: MOD #46970

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The part number for the 7L14 Phase Lock Assembly A48 has been changed to 644-0444-01 from 644-0444-00. The part number was changed because of the need to differentiate between the 7L13 Phase Lock Assembly (644-0444-00) and the Phase Lock Assembly in the 7L14. There are selected components in each assembly, their specific values dependent on whether the assembly is used in the 7L13 or 7L14.

 W^2 Issue 12-24

434 - ACCESSORY POUCH PARTS BREAKDOWN

RE: P/N 016-0165-00

The following is a list of parts and their part numbers that make up the 434 accessory pouch.

485 1 MEGOHM ABERRATION ADJUSTMENT PROBLEM

If the 1 Megohm aberrations will not adjust properly even with the 50 ohm aberrations normal, R54 on the Hi-Z board may be at fault.

1. Check R54 to ensure it is 91 ohms (within 5%). Replace if necessary.

2. If the resistance is within tolerance, very carefully heat the solder connection at each end of the resistor (use a low wattage iron). This will eliminate a high resistance connection.

3. Repeat the 1 Megohm adjustments. This procedure will solve many previously unexplained compensation problems.

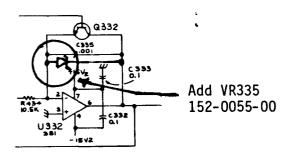
 W^2 Issue 12-24

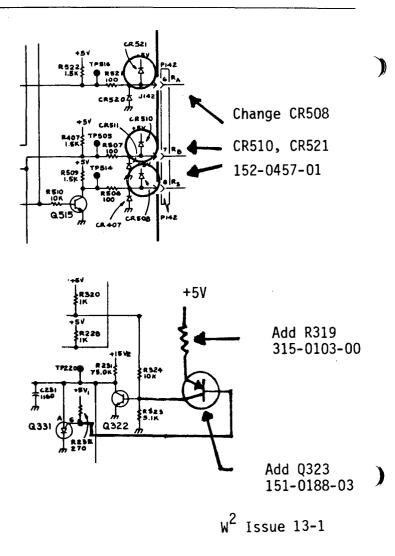
690SR/6942 HI RATE OPERATION

RE: 690SR Manual 070-3821-00 690SR Opt. 40,48 Manual 070-2870-00 Mod 47649

Starting at S/N B011080 on the 6942 and B010410 on the 690SR, a mod was implemented to take care of three problems in the instrument. These changes all occur on the H Delay board, All A2.

- At high scan rates (37.5 kHz) the unit would not always function properly since U332 was in voltage limit prior to the retrace command occuring. To correct this, VR335, an 11 volt Zener diode was added in parallel with C335, cathode to the U332-pin 6 end of C335 (see diagram).
- 2. To improve reliability, CR508, CR510 and CR521 were changed to burned-in parts (see diagram).
- 3. With the monitor set for a high scan rate mode, it occasionally would not free-run with the interface module removed. This was caused by the valley current of Q331, a Programmable-Unjunction Transistor, being too low in some devices. To eliminate the need to select Q331 for proper operation, a kit (050-1675-00) has been established that will add another transistor and a resistor in a "teepee" fashion to the circuit. This will insure high-rate, free-run capabilities. (See diagram.)





1440 TEST POINT VOLTAGES

REF: 1440 Manual 070-1498-02

When trying to determine whether or not adequate correction range exists while varying the controls on the Remote Control Unit, use the following numbers as close approximations.

When driving the 1440 under test with another 1440 and varying the above input parameters to the unit under test, the voltages at the test points should be close to, but slightly less than, those measured for the "RCU Manual" mode.

(CHART ON THE FOLLOWING PAGE)

 W^2 Issue 13-2

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SERVICETEKNOTES

January 1983, Issue 27

1440 TEST POINT VOLTAGES (cont.)

FUNCTION	TEST POINT	VOLTAGE SWING	CENTER VOLTAGE
RCU Manual			
Mode, Control			
Pots End-to-End			
Set-Up	P5494-4	-12 to +12	0
Master Gain	P5898-5	-10 to +13	+6
Chroma Gain	P5898-1	-11 to +12	0
Burst Phase	P5198-5	-13 to +13	0
Burst Gain	P5198-2	-12 to +12	0
Sync Gain	P5498-6	-12 to +6	-7
RCU VIRS			
Mode, VIRS			
Pots End-to-End			
Set-Up	P5498-4	-6 to +5	Ó
Master Gain	P5898-5	+3 to +9	+6
Chroma Gain	P5898-1	-3 to +3	0
Burst Phase	P5198-5	-4 to +3	0
Burst Gain	P5198-2	-4 to +1	0
Sync Gain	P5498-6	-8 to -6	-7
RCU VIRS			
(No incoming VIR	S on Video)		
Preset Pots			
End-to-End			
Set-Up	P5498-4	-12 to +13	0
Master Gain	P5898-5	-10 to +13	+6
Chroma Gain	P5898-1	-11 to +12	0
Burst_Phase	P5198-5	-13 to +13	0
Burst Gain	P5198-2	-12 to +13	0
Sync Gain	P5498-6	-10 to -4	-7

 W^2 Issue 13-2

1502 TD BIAS STABILITY

RE: MOD 48913

To improve the stability of the TD Bias adjustment when temperature variations are encountered, the capacitor C1596, located on the Main Board, has been changed to a more stable type. The part number for this new 470pf capacitor is 283-0597-00.

W² Issue 12-25

1800 DC SUBSYSTEM POWER SUPPLIES INDEX NUMBER REVERSED

On the illustrations of the DC Subsystem power supply, the index numbers are reversed. The part number for the 15 volt supply (PS300) is 119-0440-01. The part number for the 5 volt supply (PS100) is 119-0439-01. The following manuals need the index numbers on the illustration reversed as follows in TABLE 1.

 W^2 Issue 12-25

TABLE 1				
<u>Manual</u>	Part Number	<u>Fig. #</u>	Change	
1803 DC Subsystem	070-3144-02		Index 46 becomes 48 Index 48 becomes 46	
1804 Volume 2	070-3331-01	Fig. 4	Index 114 becomes 111 Index 111 becomes 114	
1804 Volume 2	070-3331-02	Fig. 4	Index 98 becomes 101 Index 101 becomes 98	
1805 Volume 2	070-3338-00	Fig. 5	Index 120 becomes 123 Index 123 becomes 120	
1807 Volume 2	070-4134-00	Fig. 4	Index 98 becomes 101 Index 101 becomes 98	

1800 SERIES TEST STATION PRAM CONFIGURATION INFORMATION

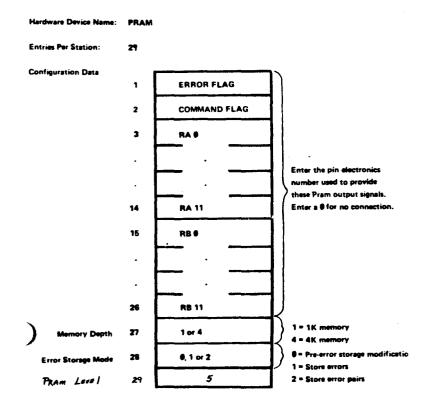
There are two entries not shown in the verdict manual, 061-2125-00, for the Pram. Originally, there were only 27 entries needed for the Pram. If error storage (Mod 40006) is added to the system, entry 28 is needed. If Pram level 5 is added to the system, then entry 28 and 29 are needed. Pram level 5 requires Tektest III, Version 4.

Below is the new Pram configuration as it would be, if Pram level 5 was installed in the system. Remember, the number of entries in the table must match the "Entries per station" line.

SERVICETEKNOTIES

1800 SERIES TEST STATION PRAM CONFIGURATION INFORMATION (cont.)

PATTERN RAM OPTION (PRAM)



Pram Configuration Data.

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1800 SERIES TEST STATIONS SECTOR 1/0 TEST FIXTURE, PINS PART NUMBER

The part number for the pins used on the 067-0753-00, Sector Card I/0 Test Fixture, is 131-1720-00.

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2213/2215 ATTENUATOR SWITCH SHAFT SUPPORT BUSHINGS REMOVED

RE: 2215 MANUAL, P/N 070-3826-00 FIG. 1 - 27 BUSHING FIG. 1 - 41 SPACER POST FIG. 1 - 37 SUBPANEL PICN # 81, 90

A 2 step change has been made to the front support for the vertical attenuator switch shafts.

 The bushing (Fig. 1 - 27) and spacer post (Fig. 1 - 41) were removed and a plastic Grommet, P/N 348-0442-00, added for support of both switch shafts. This change was implemented at:

> 2213 S/N B026270 2215 S/N B028514

 The front subpannel (Fig 1 - 37) was changed by decreasing the diameter of the holes used for the Attenuator shafts. The holes now provide support for the switch shafts.

The part number of the subpanel was not changed. Therefore, if a subpanel is ordered and used as a replacement in an earlier unit, the support parts will have to be discarded as they are no longer necessary.

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2213/2215 REPLACEABLE CABINET FOOT

RE: 2213 MANUAL, P/N 070-3827-00 FIG. 1-6, P/N 348-0659-01

When replacing the instrument cabinet bottom foot, use P/N 348-0659-01. This part has had a hole added to allow the foot to compress for installation into the cabinet hole.

2213/2215 REPLACEABLE CABINET FOOT (cont.)

The new part can be installed by placing a hex driver or similar tool into the hole in the foot and pushing the foot into the cabinet. Be sure to support the cabinet so it will not be bent.

2215 ALTERNATE SWEEP BOARD SHIELD REMOVED

RE: FIG 2 - 15 S/N B027295

The A13 Alternate Sweep board shield has been removed from all 2215 scopes above the listed serial number. It has been determined that it was not needed for either electrical or mechanical reasons.

Use of the shield in units below this serial number is optional.

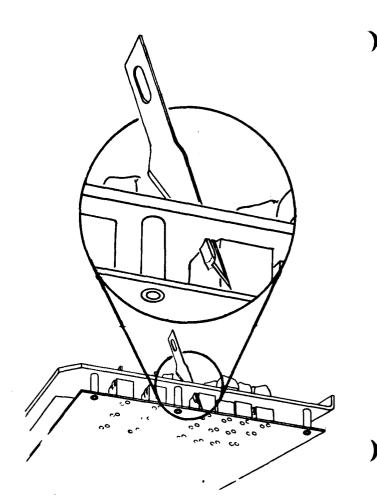
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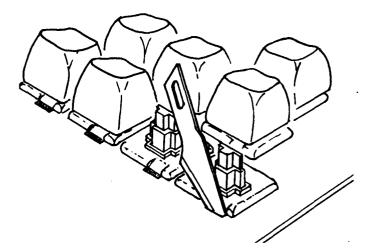
4006/4010/402X/405X CHERRY KEYSWITCH REPLACEMENT

The late style cherry keyswitch, with the expanding mounting tabs, is difficult to remove from the keyboard without first cutting the mounting tabs off.

Older keyswitches have bumps, rather than locking expanding tabs; therefore, do not require cutting.

It has been found that the X-acto blade #11, 002-1040-00, with the long straight edge, works quite well in cutting the cherry keyswitch tabs. Insert blade in keyboard as pictured and cut off tab.





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7612D PROGRAMMABLE DIGITIZER SERVICE MANUAL NOW AVAILABLE

The 7612D Programmable Digitizer Service Manual P/N 070-2387-00 is now orderable.

This new manual is divided into nine sections which provide general and specific information concerning the installation, operation and maintenance of the 7612D, including a detailed circuit description and revised calibration procedure.

Specifications, characteristics and procedures appearing in this manual supercede any conflicting information which was contained in the Preliminary Service Manual.

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Articles for publication should be submitted directly to:

> Tektroníx, Inc. P.O. Box 500 Beaverton, Oregon 97077

Attention: Janet Hemenway SERVICE TEKNOTES Editor

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