



2671A/G

TABLE OF CONTENTS

SECTION 1: PRODUCT INFORMATION	1-1
A. Introduction	
B. Specifications	
C. Equipment provided	
D. Options available	
E. Operating supplies	
SECTION 2: ENVIRONMENTAL/INSTALLATION/PM	2-1
A. Environmental	
B. Product safety	
C. Electromagnetic compatibility	
D. Changing the voltage	
E. Preventive maintenance	
SECTION 3: CONFIGURATION	3-1
A. Introduction	
B. Table 1, printer interfacing	
C. TPM PCA switch settings	
SECTION 4: TROUBLESHOOTING	4-1
A. Introduction	
B. Preliminary checks	
C. Troubleshooting hints	
D. Head load assembly	
SECTION 5: DIAGNOSTICS/SELF-TEST	5-1
A. Introduction	
B. Power on test	
C. Self test	
D. Manufacturing burn-in test	
SECTION 6: ADJUSTMENTS	6-1
SECTION 7: PERIPHERALS	7-1
SECTION 8: REPLACEMENT PARTS	8-1
A. Introduction	
B. Table 8-1, external parts	
C. Table 8-2, assemblies and associated parts	
D. Table 8-3, miscellaneous parts	

SECTION 9: DIAGRAMS	9-1
A. Introduction	
B. Figure 9-1, wiring interconnection	
C. Figure 9-2, back panel wiring	
SECTION 10: REFERENCE	10-1
A. Documentation Summary	
B. Table 10-1, control codes	
C. Escape sequences	
SECTION 11: SERVICE NOTES/IOSMs	11-1

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.

1

PRODUCT INFORMATION

A. INTRODUCTION

The 2671A is an entry-level printer targeted for use as a hard-copy printer with desktop computers, personal computers, character mode terminals, and numerous test and measurement systems. The 2671G is Hewlett-Packard's lowest cost raster graphic printer and is used in applications that require precise raster graphics copy. Specifications for both printers are listed below in Table 1-1.

B. TABLE 1 SPECIFICATIONS

Alphanumeric Printing

Print Speed 120 characters/second, bi-directional, optimized path

Character Structure 7 x 11 dot matrix character font in 9 x 15 character cell
 128 USASCII character set – upper/lower case and control codes
 Line Drawing character set
 Roman Extension international characters (8-bit mode)

Printing Format 10 CPI and 16.2 CPI (80 and 132 columns/line)
 6 lines per inch
 Underlining character enhancement

Raster Graphics Copy

Type Unidirectional raster graphics copy
 90 dots per inch horizontal and vertical resolution
 720 dots across a raster row

Output Format Dot-for-dot copies from HP raster devices
 Dot-addressable graphics can be software-controlled by non-HP devices

Output Controls

General Form feed button
 Test button
 Margin control
 Fan-fold or roll paper

Configuration Front panel: paper feed,
 form feed, self test and reset buttons
 Simple escape sequences control margins,
 print mode, character set selection

1-2 Product Information

Interfaces

HP-IB (IEEE-488), standard (2671A/2671G limited implementation)
HP 8-bit parallel (37 pin connector), optional
Centronics-compatible parallel (36 pin connector), optional
RS-232C (CCITT V.24) serial, optional (25 pin connector 2671A/G)

Input buffer 2K characters
Receive rates up to 9600 baud
Transmission mode full duplex, asynchronous
Parity odd, even, zeroes, none
Handshakes ENQ/ACK, X-ON/X-OFF, hardware, none

Electrical

Voltage (Switch-selectable) 100, 120, 220, or 240V (+5%, -10%)
Frequency 47.5 to 66 Hz
Power Consumption (maximum) 50 watts operating
15 watts standby

Dimensions

Width 428mm (16.9 in.)
Depth 424mm (16.7 in.)
Height 105mm (4.1 in.)

Weight

Stand-alone 6.9 kg (15 lbs., 3 oz.)
Shipping 12.7 kg (28 lbs.)

Environmental

Operating Temperature +0C to +55C (+32F to +131F)
Non-operating Temperature -40C to +75C (-40F to +167F)
Thermal paper limited to +40C (+104F)
Humidity 20% to 95% (non-condensing)

Product Safety

UL Listed
CSA Certified
IEC 380 International Safety Standard Compliance

Electromagnetic Compatibility

FCC Class B Certified Peripherals
Any questions concerning regulatory agency compliance should be directed to your local

Hewlett-Packard sales office.

C. EQUIPMENT PROVIDED

1. One pack of fan-fold paper
2. Power cord.
3. Paper rack, HP Part No. 02670-20012.
4. 2671A/G Owner's Manual, HP Part No. 02670-90015.

D. OPTIONS AVAILABLE

OPTIONS	DESCRIPTIONS
-040	Delete HP-IB, add RS-232C serial interface (no cable).
-042	Delete HP-IB, add Centronics-compatible parallel interface (no cable).
-044	Delete HP-IB, add HP parallel (no cable).
-048	Delete HP-IB, add HP-IL Interface (no cable)
-240	HP 264X Character Terminal Interface Kit: Delete HP-IB, add HP parallel interface, 13238A Duplex Register Card and 13232J interface cable.
-888	Refurbished 2671A/G

E. OPERATING SUPPLIES

PAPER NUMBER	DESCRIPTION
92160M (blue) 92160N (black)	Thermal paper, page-perforated and fan folded. 4 packs, 330 sheets 8.5" x 11" each pack.
92160A (blue) 92160B (black)	Thermal paper. 24 rolls. 8.5" x 100' each roll.
92160C (black)	Thermal paper. Page-perforated. 24 rolls. 100 sheets 8.5" x 11" each roll.



2



ENVIRONMENTAL/ INSTALLATION/PM

A. ENVIRONMENTAL

Temperature

Operating	0° to +55°C (+32° to +131°F)
Non-operating	-40° to +75°C (-40° to +167°F)
	[Thermal paper limited to +40°C (+104°F)]
Humidity	20% to 95% (Non-condensing)

B. PRODUCT SAFETY

UL Listed
 CSA Certified
 IEC 380 435 International Safety Standard Compliance

C. ELECTROMAGNETIC COMPATIBILITY

FCC Class B Certified Peripherals

D. CHANGING THE VOLTAGE

Before turning on the printer for the first time, check the rear panel voltage matrix to ensure the settings are correct. **IF THE SETTINGS OF THE VOLTAGE MATRIX DO NOT MATCH THE LOCAL LINE VOLTAGE, DO NOT TURN ON THE PRINTER.**

To correct an incorrect voltage setting:

1. Observe the matrix on the printer's rear panel. The numbers on the four curved lines are the voltages that will result from setting the switches to the positions indicated.
2. Position the two switches for the proper voltage.
3. Ensure the correct fuse is installed. Operation at 100V/120V requires a 1.5 Amp fuse, while 220V/240V requires a 0.75 Amp fuse.

E. PREVENTIVE MAINTENANCE

There is no preventive maintenance required on the 2671A/G.

3

CONFIGURATION

A. INTRODUCTION

This section provides information on how to configure and connect various host systems to the 2671A/G.



B. TABLE 1. PRINTER INTERFACING

SOURCE	SYSTEM IF	IF TYPE	CABLE	COMMENTS/SWITCH SETTINGS
HP 83A/85A	82937A	HP-IB	N/A	The HP 83A/85A requires 82936A ROM drawer and 00085-15002 plotter/printer ROM. S1 Switch Settings: 1 2 3 4 5 6 7 8 9 10 x 1 1 0 1 0 1 1 0 0
HP 125	—	HP-IB	10631 A/B/C/D	HP125 Printer Configuration Menu: Display: OFF Int Ptr: OFF Port 2: OFF HPIB: ON
HP 2624A/26A	—	RS-232C	13242G (13242-60008)	2624A/26A DATACOMM CONFIGURATION #2 FULL DUPLEX HARDWIRED BAUD RATE: 9600 DATA BITS: 8 XMITCLKSOURCE: INT STOP BITS: 1 RECV CLK SOURCE: INT CHK PARITY: YES STRIPNULDEL: YES EXTCLKIN: X16 SRRXMIT: NO XMITPACE: Xon/Xoff, (set on 2671) CS(CB) Xmit: NO PARITY: ODD BUFSIZE: 128 ASTERISK: OFF ENQ/ACK: NO TR (CD): HI SR(CH): LO XMITCLKOUT: X16 RECVSPACE: NONE RR(CF)RECV: NO SRRInvert: NO

(continued on next page)

Table 1. Printer Interfacing (continued)

SOURCE	SYSTEM I/F	I/F TYPE	CABLE	COMMENTS/SWITCH SETTINGS								
HP 264X	13296A (02640-60128)	HP-IB	10631A/B	Switches:								
				<table border="1"> <tr> <td>A4</td> <td>A11</td> <td>A10</td> <td>A9</td> </tr> <tr> <td>closed</td> <td>open</td> <td>closed</td> <td>closed</td> </tr> </table> <table border="1"> <tr> <td>PL6</td> <td>PL5 thru PL0</td> </tr> <tr> <td>closed</td> <td>open</td> </tr> </table> ATN, ATN2: open FC, TA: closed LA: open in 2642, 47; closed in 2648 B0-B4: terminal address (shipped as 29) SC: open – system controller	A4	A11	A10	A9	closed	open	closed	closed
A4	A11	A10	A9									
closed	open	closed	closed									
PL6	PL5 thru PL0											
closed	open											
HP 264X	13238A (02640-60031)	8-Bit	13232J (02640-60116)	Requires device support ROM (13261A). The 2640 can dump only a maximum of 80 columns. Open switch N on keyboard interface PCA, P/N 02640-60123 to transfer escape codes to printer.								
HP 264X	13250B (02640-60089, 02640-60143)	RS-232C	13232G (02640-60098)	Switch Settings: FC0, FC1, FC2: Baud Rate = 9600 0 0 0 FC3, FC4: Parity = none 0 0								

(continued on next page)

Table 1. Printer Interfacing (continued)

SOURCE	SYSTEM IF	IF TYPE	CABLE	COMMENTS/SWITCH SETTINGS
HP 264X (cont.)				<p>FC5, FC6, FC7: Number of null characters: Zero for a 2648 and 56 from O O O a 2645.</p> <p>2SB: open = one stop bit, closed = two stop bits.</p> <p>THE: closed = enable transmit handshake.</p> <p>All other switches = open.</p> <p>Comments: Requires device support ROM 13261A. Cable supports only hardware handshake.</p> <p>C = closed, O = open.</p>
HP 9815A	98135A	HP-IB	N/A	
HP 9825A	98034A	HP-IB	N/A	Requires general I/O ROM.
HP 9826A	98624A	HP-IB	N/A	
HP 9835A	98034A	HP-IB	N/A	For graphics, requires plotter ROM and I/O ROM.
HP 9845B/T/C	98034A	HP-IB	N/A	
HP 1000L	12009A	HP-IB	10833A/B/C/D	Requires HP-IB IF Driver ID.37 and Device Driver. While there is no de- vice driver specifically for the 267X printer, the 2631B Printer Device Driver, DD.12, will support alpha-numeric print capabilities on the 267X. Graphics/1000 software does not support the 267X graphics capability.

C. TPM PCA SWITCH SETTINGS

The 2671A/G printer uses a 02670-60084 TPM PCA. This board can be shipped with an 8039 and external program ROM (program and character ROMs are installed on a header card) or with an 8049 microprocessor and no external program ROM. Set the switches as follows.

8039: close switches 3, 5, 6, and 10.

8049: close switches 3, 5, 6, 8, and 10.



4

TROUBLESHOOTING

A. INTRODUCTION

This section provides troubleshooting information for isolating a printer malfunction to a replaceable assembly or component. See Section 5 for available self tests.

B. PRELIMINARY CHECKS

The following checks should be performed prior to troubleshooting and after printer self test if a malfunction occurs.

1. Check that TPM paper latch is fully closed and paper is installed.
2. Check rear panel switches (if any) for proper settings, external cable connections, rear panel fuse, and line voltage switch settings.
3. Remove top cover and check each cable connector for a secure fit, especially the 4-pin cable to the TPM PCA, since it must be pushed well up into the PCA before proper connection is assured.
4. Check fuse located on Power Supply PCA.
5. Check that all socketed components are firmly seated into their sockets.

C. TROUBLESHOOTING HINTS

Troubleshooting should begin by first using the Preliminary Checks listed above and then trying self test. Listed below are a few power-on characteristics of the printer that may point to specific trouble points.

1. The following problems are associated with the Power Supply:
 - a. If the POWER light fails to come on and the print head does not sweep across the page at power on, the Power Supply PCA and associated power components (line fuse, switch settings, cables) may be at fault.
 - b. Check for a blown 3A fuse on the Power Supply PCA.

CAUTION

Disconnect power cord before replacing this fuse as circuit damage may otherwise result.

If this fuse is blown, it is probably due to a problem on the Power Supply PCA itself rather than on another assembly. Replace the Power Supply PCA if it blows a second fuse.

- c. Check that both supplies are up and within tolerances:

SUPPLY	LIMITS	TEST POINT
+5V	+ 4.8V to + 5.2V	Cathode of VR1
+16.1V	+ 15.6V to + 16.6V	Cathode of VR3

2. If both the POWER light and CHECK PAPER lights stay on at power on, it indicates the power-on test has failed or the print mechanism has faulty paper latch switch or opto-switch. This assumes paper is installed and the paper latch is fully closed. Start by replacing the Processor I/O assembly and, if necessary, the print mechanism. If problem still persists, the TPM PCA may be reporting an error that does not exist.
3. If at power-on the TPM does not perform two line feeds and sweep the print head back and forth across the page, it indicates the TPM PCA is probably bad. This assembly performs this task by itself and does not depend on the Processor I/O for instructions. It does, of course, require +5V and +16V from the power supply.
4. If the printer powers up correctly (CHECK PAPER light goes out and print head sweeps) but it does not sweep the head or print characters when driven by the host, push the TEST button and note the results.
 - a. If the unit prints the test pattern correctly, the problem is the Processor I/O.

b. If the unit still fails to print or sweep the head, the problem is on the Processor I/O (replace this assembly first) or the TPM PCA.

5. If the printer powers up correctly and sweeps the head but does not print characters correctly, the problem is probably on the TPM PCA or print head. To check the TPM PCA, insert the Head Load assembly in place of the print head and push the TEST button. See **Head Load Assembly** for details.
6. If the printer prints correctly but does not respond to the front panel switches, the problem is in the Control Pad, Processor I/O, or interconnecting cable.

D. HEAD LOAD ASSEMBLY

The Head Load Assembly (P/N 02670-60029) is used in place of the TPM print head to help determine if the TPM is defective. The Head Load Assembly checks the status of the print mechanism's dot matrix scheme.

CAUTION

A defective TPM PCA may cause a replacement print head to become defective. Before replacing the print head, use the Head Load Assembly to determine if the TPM PCA is working properly.

Procedure

To use the Head Load Assembly, the print head cable must be removed and the Head Load Assembly installed in its place. Install the Head Load Assembly in the TPM as follows:

1. Turn off terminal power and open paper door.
2. Raise paper latch and remove paper roll.
3. Carefully disconnect the flex end of the print head cable from the TPM PCA connector.
4. With the component side up, plug the long connector side of the Head Load Assembly into TPM PCA connector (slot in TPM mainframe). Ensure that the Head Load Assembly is seated fully into TPM mainframe.
5. Place a small piece of paper over opto-switch located inside TPM mainframe near right side.
6. Lower and close paper latch.
7. Turn on printer power and push the TEST button.
8. Observe operation of LEDs on Head Load Assembly. At the beginning of the test, the LEDs should blink on and off together. If any LED stays on or off continuously during the test, then the TPM PCA is probably defective.



5

DIAGNOSTICS/ SELF-TEST

A. INTRODUCTION

This section lists the types of tests available to ensure proper operation of the printer. Also included are a test pattern printout and explanation.

B. POWER ON TEST

The Power-On test is automatically executed each time the operator turns the printer power on. This test performs a functional test of the microprocessor, ROM, RAM, graphics module (if installed), and some miscellaneous circuits. When the printer is turned on, it responds as follows:

1. The Power light comes on.
2. The Check Paper light comes on initially and goes off at the conclusion of the test.
3. The mechanism performs two line feeds and then sweeps the print head across the page and back.

If the Check Paper light stays on, the printer has failed its power-on test. The only error condition that can be printed is "Graphics Module Failure," indicating that the graphics IC has failed.

C. SELF-TEST

Pressing the front panel TEST button causes the printer to enter the power-on test. In addition, it also generates a printout of a test pattern that can be used to determine correct TPM and print head operation. See Figures 5-1 and 5-2.

NOTE

Pressing the TEST button resets all escape sequences to their default states.

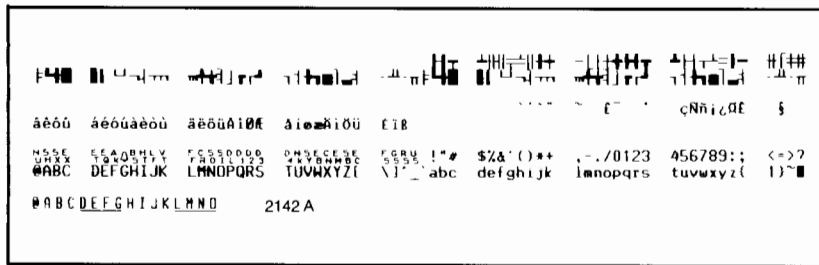


Figure 5-1. Test Pattern Printout

D. MANUFACTURING BURN-IN TEST

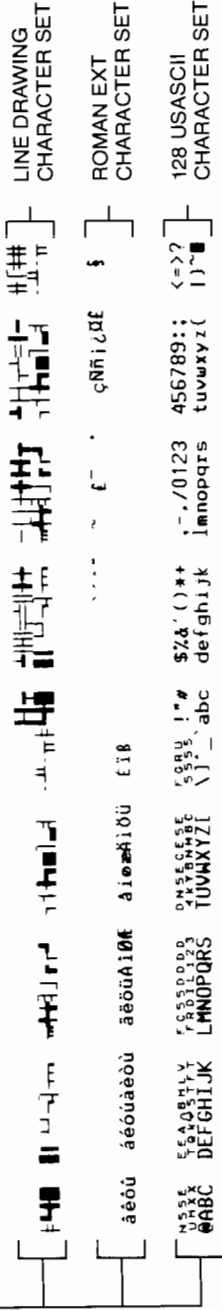
This test is entered by setting the "TEST" dip switch on the processor I/O board. This is a continuously run power on test primarily intended for production use. However, it can be used in the field for repetitive testing. The first time the test is run, the unit will print out a test pattern. After the pattern is printed, the CHECK PAPER light blinks to indicate the test is running.

Once every hour, the unit prints out a full test pattern. The printer will immediately print "Graphics Module Failure" if a fault has been detected in this IC. The 2671A will run about 36,000 tests per hour and the 2671G about 1,440 tests per hour.

NOTE

Ensure the TEST switch is returned to its normal position after testing is complete.

These three character sets share the same 7-bit ASCII numeric values. Each character's relative position indicates how it would map or be selected from a USASCII keyboard. Example: If the line drawing set were defined as the alternate character set, the "■" character could be typed by typing "CTRL N" (which shifts from the primary set into the alternate set) and then by typing "c".



Doubled spaced compressed. Underlined characters are escape sequence terminators that enable underline function. Characters not underlined are escape sequence terminators that disable underline function.

Date code of currently installed firmware ROM. Inserting a new ROM automatically updates printout. The "A" indicates the unit is a 2671A. If "C", then the graphics module IC is installed.

2142A

6

ADJUSTMENTS

There are no adjustments necessary for the 2671A/G, including the power supply.



7

PERIPHERALS

DOES NOT APPLY.

8

REPLACEMENT PARTS

A. INTRODUCTION

This section lists major field replaceable parts for the 2671A/G printer.

B. TABLE 8-1. EXTERNAL PARTS

HP PART #	UNITS PER ASSEMBLY	DESCRIPTION
02670-60093	1	Top Cover
02670-20012	1	Paper Rack
02670-40038	1	Front Panel
02670-40037	1	Base
7121-2210	1	Nameplate, 2671A
7121-2213	1	Nameplate, 2671G
5040-7223	2	Feet, Bottom

C. TABLE 8-2. Assemblies and Associated Parts

HP PART #	UNITS PER ASSEMBLY	DESCRIPTION
02670-69091*	1	Printer Mechanism
1390-0281	2	Snap In Plunger
02670-60080	1	Control Pad
02670-60014	1	Print Head Assembly
02670-60084	1	TPM PCA - ASCII
02670-80077	1 (2671G)	Graphics Module IC
02670-60072	1	Processor/HP-IB
02670-60065	1 (Opt 042 or 044)	Processor/8-Bit (or Centronics)
02670-60075	1 (Opt 040)	Processor/RS232
02670-60070	1	Power Supply
02670-60100	1 (Opt 048)	Processor/HPIL
2110-0381	1	Fuse, 3.0A
02670-60077	1	Rear Panel Assembly

*Exchange Assembly

D. TABLE 8-3. MISCELLANEOUS PARTS

HP PART #	UNITS PER ASSEMBLY	DESCRIPTION
3101-0402	1	AC Power Switch
2110-0043	1	Fuse, 1.5A (115V)
2110-0063	1	Fuse, 0.75A (230V)
2110-0565	1	Fuseholder Cap
0515-0212	6	Screw, M3.5 x 6mm
0380-1332	2	Hex Jackpost
2110-0074	2	Lock Washer
3050-1072	2	Washer #10
02670-00019	1	HP-IB Panel
02670-00018	1	8-Bit Panel
02670-00020	1	RS232 Panel
0515-0210	4	Screw, M4 x 8mm
0535-0004	2	Hex Nut, M3
2190-0584	2	Lock Washer, 3.0M
3050-0891	2	Flat Washer, M3
8120-3389	1	Cable, Logic
8120-3388	1	Cable, TPM Power
1400-0611	3	Clamp, Cable
1390-0281	2	Snap In Plunger

9

DIAGRAMS

A. INTRODUCTION

This section includes wiring diagrams of all internal connections.

B. FIGURE 9-1. WIRING INTERCONNECTION

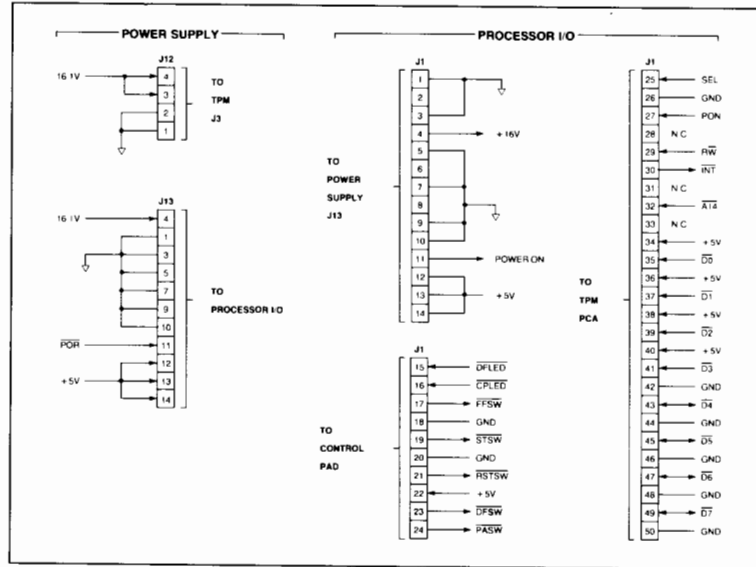
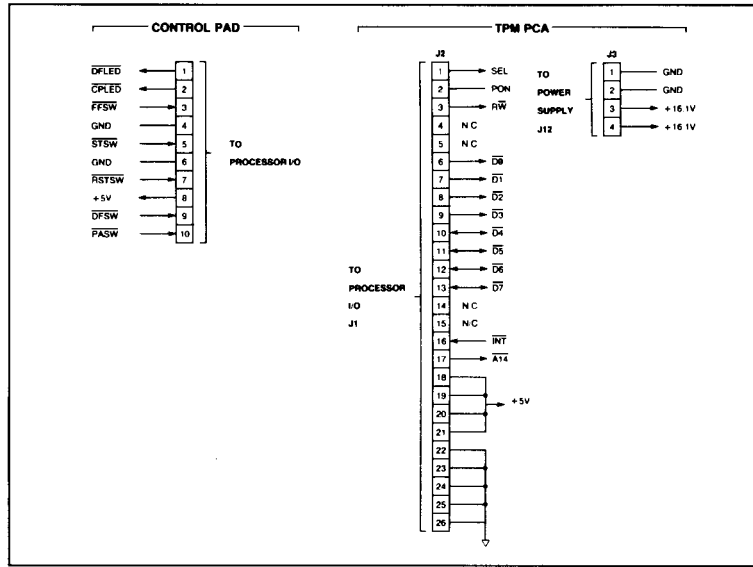
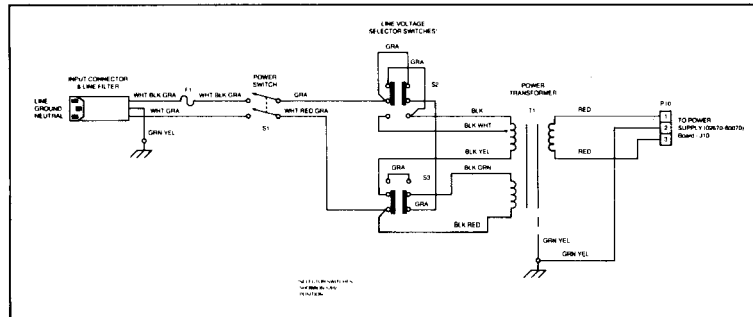


Figure 9-1. Wiring Interconnection (continued)



C. FIGURE 9-2. BACK PANEL WIRING



10

REFERENCE

A. DOCUMENTATION SUMMARY

TITLE	HP P/N
HP 2671A/G Service Manual	02670-90017
HP 2671A/G Users' Manual	02670-90015
HP 2671A/G Data Sheet	5953-6261

B. TABLE 10-1. CONTROL CODES

ASCII CODE	COMMAND	DECIMAL	CNTL	ACTION
ENQ	Enquiry	5	E	Used for serial data handshake.
ACK	Acknowledge	6	F	Used for serial data handshake.
LF	Line Feed	10	J	Advances paper one line (1/6 inch). The PAPER FEED switch on the front panel is available for this purpose.
FF	Form Feed	12	L	Advances paper to top of form. If perforated roll or Z-fold paper is installed, advances to fourth line after the next perforation. If continuous roll paper is installed, advances paper to next 12 inch length boundary. The front panel FORM FEED switch is available for this purpose.
CR	Carriage Return	13	M	Moves print head to first print position.
SO	Shift Out	14	N	Accesses secondary character set.
SI	Shift In	15	O	Accesses primary character set.
DC1	Device Control 1	17	Q	Used for serial data handshake.
DC3	Device Control 3	19	S	Used for serial data handshake.
ESC	Escape	27	[Triggers extended control. Used if ESC key is not available on terminal.

C. ESCAPE SEQUENCES

The listing below shows those escape sequences which are recognized by the HP 2671 printers. The escape sequences in this table are arranged alphabetically by function.

Character Set Access Mode

ESC&k0F	^s _o control code can access secondary character set on line-by-line basis.
ESC&k1F	^s _o control code can access secondary character set on a semi-permanent basis, staying in secondary set until an ^s _i control code is received or the printer is reset (default).

Character Set Selection

ESC)A	Selects Roman Extension set as the secondary character set (default).
ESC)B	Selects Line Drawing set as the secondary character set.

Display Functions

ESCY	Turns on Display Functions.
ESCZ	Turns off Display Functions (default).

Line Termination

ESC&k <parameter> G .	Defines specific meaning of line terminator. Parameters are as follows: 0 = ^c _R maps to ^c _R ; ^t _F maps to ^t _F (default) 1 = ^c _R maps to ^c _R / ^t _F 2 = ^t _F maps to ^c _R / ^t _F 3 = both ^c _R and ^t _F will map to ^c _R / ^t _F
-----------------------	---

Margins

ESC4	Sets left margin at present print head position.
ESC5	Sets right margin at present print head position.
ESC9	Clears margins.

Perf Skip Mode

ESC&i1L	Perf Skip mode enabled (default).
ESC&i0L	Perf Skip Mode disabled.

Print Mode

ESC&k0S	Printer prints in Normal mode, 10.0 cpi (default).
ESC&k2S	Printer prints in Compressed mode, 16.2 cpi.

(continued on next page)

Escape Sequences (continued)**Raster Graphics (HP 2671G only)**

ESC*rA	Triggers start of raster mode.
ESC*rB	Triggers end of raster mode and causes all data remaining in the raster buffers to be printed.
ESC*b <byte count> W <binary data>	Transfers one row of raster data. Byte Count is the number of bytes in the raster row, a number from 0 to 255 (but the printer discards data after receiving 90 bytes). Binary Data is the 8-bit data comprising the raster row.

Reset

ESCE	Resets printer to its power-on state.
------------	---------------------------------------

Self Test

ESCz	Initiates printer self-test.
------------	------------------------------

Status

ESC?DC1	Returns printer status (effective over RS-232C only).
ESC*s^	Returns model number status. Effective over RS-232C and HP-IB only. (RS-232C requires DC1 transmit trigger).
ESC*rK	Returns model number status. Effective over RS-232C and HP-IB. (RS-232C requires DC1 transmit trigger).

Underlining

ESC&d<terminator> .	Turns underline on or off (determined by the Terminator). Terminators that turn underlining on: D,E,F,G,L,M,N,O (D is recommended) Terminators that turn underlining off: (a ,A,B,C,H,I,J,K (a is recommended)
---------------------	--

Underlining Mode

ESC&k0E	Allows underlining escape sequence to work on a line-by-line basis.
ESC&k1E	Sets underlining escape sequence to work on a semi-permanent basis, remaining in effect until specifically disabled (default).



11

**████████████████████ SERVICE NOTES/
████████████████████ IOSMs**

SERVICE NOTES

SEQ. NO.	PUB. DATE	TITLE
2671A/G-1	June 1982	Mylar Tab Problem
2671A/G-2	June 1982	Pinched Wires

