ANSWERBACK
ENCODING KIT

DESCRIPTION

This kit is used to encode the automatic Answerback option in the TermiNet* 300 Data Communications Printer.

PROCEDURE

1. Place the Answerback (44B412153/ANS) board before you with the non-component side toward you and the contact fingers to the left.

2. Remove the four pan head screws attaching the encoding block to the board. DO NOT remove the four countersunk screws in the metal cover on the other side.

3. Lift the printed circuit board from the block.

4. Insert the diodes provided into the appropriate holes to provide the desired message. Observe correct polarity.

5. Replace the board and the four screws.

6. Reposition the coiled wire jumper on the component side of the board so that it connects to the last column used.

ENCODING

With the indexing corner notch to the lower left of the encoding block, note the 21 by 7 array of holes. The rows are labeled BIT 1, BIT 2, etc. The columns are labeled STEP 1, STEP 2, etc. The rows correspond with the bits of the standard USASCII code. The columns correspond to the order in which the characters are executed.

Following an ASCII code chart, place diodes in the appropriate holes to provide the desired message. NOTE: Diodes must be inserted with the ring or arrow →|— pointing into the hole and toward the metal cover. Figure 1 shows a simplified code chart, the X's representing presence of a diode.

As an example, Figure 2 shows an encoding block which will provide the message "TermiNet 300".

CHARACTER

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B	1	X		X		X		X		X		X		X		X		X		X		X		X		X	
I	2		X	X			X	X			X	X			X	X			X	X			X	X			X
T	3				X	X	X	X					X	X	X	X					X	X	X	X			
	4								X	X	X	X	X	X	X	X									X	X	X
	5																X	X	X	X	X	X	X	X	X	X	X
	6																										
	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

CHARACTER

		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
B	1	X		X		X		X		X		X		X		X		X		X		X		X		X	
I	2		X	X			X	X			X	X			X	X			X	X			X	X			X
T	3				X	X	X	X					X	X	X	X					X	X	X	X			
	4								X	X	X	X	X	X	X	X									X	X	X
	5																X	X	X	X	X	X	X	X	X	X	X
	6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Figure 1. Simplified Code Chart (Sheet 1 of 2)

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CHARACTER

		1	2	3	4	5	6	7	8	9	0	LF	CR	SP	(	)	*	,	-	.	/	:	;	?	&	#	"	!
B	1	X		X		X		X		X				X		X				X		X		X	X		X		X
I	2		X	X		X	X							X			X				X	X	X	X	X	X	X	X	
T	3				X	X	X	X						X							X	X	X	X			X	X	
	4							X	X		X	X					X	X	X	X	X	X	X	X	X	X	X		
	5	X	X	X	X	X	X	X	X	X	X												X	X	X				
	6	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	7																												

Figure 1. Simplified Code Chart (Sheet 2 of 2)

LF CR 0 0 3 SP t e N i m r e T LF CR

Figure 2. Encoding Block Sample