DIMENSION® PBX

JOURNAL PRINTERS

CONTENTS

1.   GENERAL

1.1   This section provides installation information for journal printers.

1.2   Three types of journal printers may be used for the hotel/motel audit trail and demand printing function:

A)   Teletype Model 4310-AAC Printer - This is a sprocket drive printer that uses a wide-format, 132-column, fanfold paper.

B)   Victor Model 5011-135 Friction Feed Printer - This printer uses narrow format roll paper.

C)   Victor Model 5011-135-463 Sprocket Feed Printer - This printer uses narrow format fanfold paper.

NOTE: All the above printers are set for 300 baud rate.

2.   DOCUMENTATION

2.1   Dual Data Channel Assignments section of the Customer Order Document (COD) specifies journal printer(s) assignment (Note: One Peripheral Interface Circuit (PIC) is required for each journal printer).
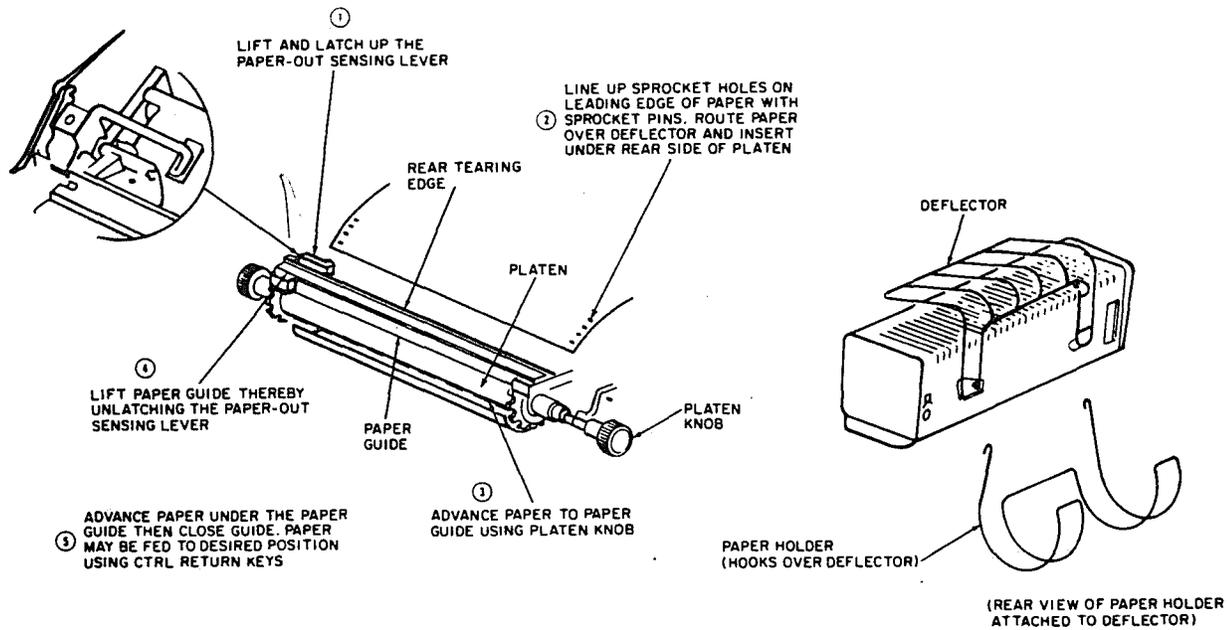
3.   PROCEDURE

3.1   Preparation of journal printers:

Printed in U.S.A.

3.1.1   Installing paper on TTY Model 4310 - The paper used in this model printer is 12" wide, 8-½" fold, single or 2 ply, and each individual pack consists of 1000 folds. Install the paper as shown below:

NOTE: *Paper may be fed directly from the supply box or if the paper holder is used a limited stack of forms may be placed in the holder and fed over the deflector.*

INSTALLING PAPER ON TTY MODEL 4310

3.1.2   Installing ribbon on TTY Model 4310 (as needed) - Install the ribbon per instruction on the bottom side of lid, or per instruction as shown below. It needs to open the lid first, then proceed with the operation.
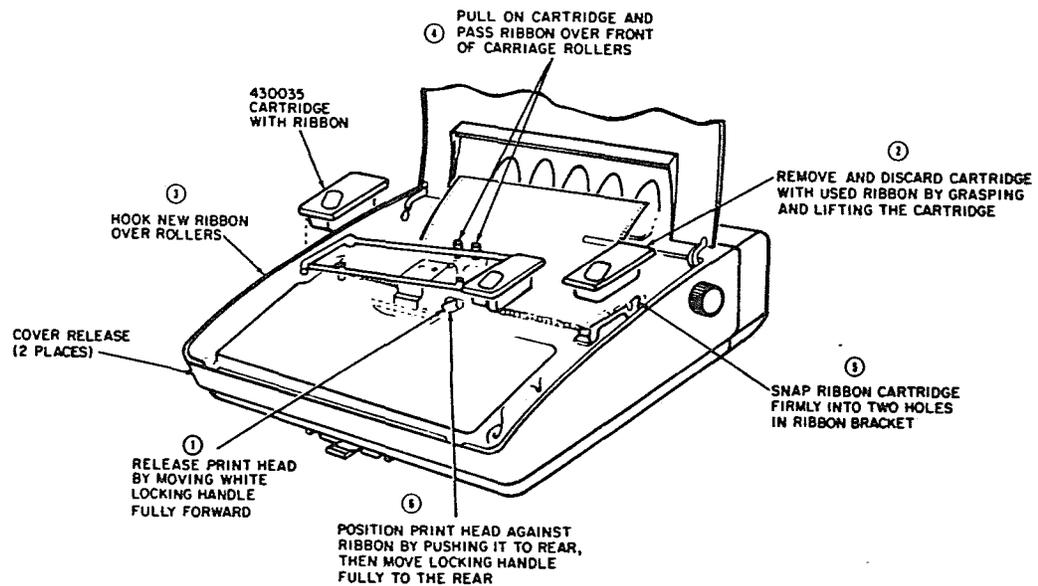
NOTE: Make sure ribbon is fully on all four rollers before closing lid.
Power may be on or off when installing ribbon.

INSTALLING RIBBON ON TTY MODEL 4310

3.1.3   Types of paper can be used on Victor 5011-135-Friction Feed Printer:

A)   3-3/4" wide (max. 3-5/16" dia.), core dia. 7/16" 1 ply

B)   3-3/4" wide (max. 3-5/16" dia.), core dia. 7/16" 2 ply, carbonless

C)   3-3/4" wide (max. 3-5/16" dia.), core dia. 7/16" 2 ply, carbonless with horizontal perforations at every 3" on top sheet only.

3.1.4   Types of paper can be used on Victor 5011-135-463 Sprocket Feed Printer:

A)   3-3/4" wide, sprocket holes along both edges (at 3.5" spacing), 1 ply. Prefed at every 3.534 inches and folded at every 10.602 inches. Sprocket hole diameter 4 mm, hole spacing verticle 10 mm.

B)   Same as above but 2 ply (carbonless).

3.1.5   Installing paper on Victor 5011-135-Friction Feed Printer:

A)   Turn power switch off (switch to right position).
B)   Open lid.
C)   Rotate tearoff blade away from platen as shown.
D)   Remove depleted paper core from paper bracket.
E)   Remove mandrel from depleted core and insert in new paper roll.
F)   Install paper roll assembly into paper bracket arm sockets.
G)   Thread paper as shown over paper guide plate, under platen and between deflector and tearoff blade.
H)   Align end of paper with paper roll.
I)   Rotate tearoff blade downward and snap into position.
J)   Tearoff extra paper.
K)   Close lid.
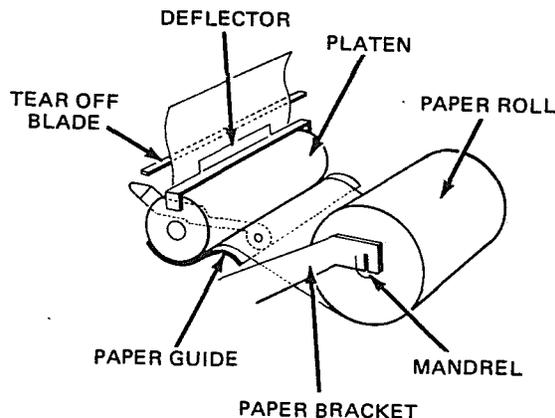
3.1.6   Installing paper on Victor 5011-135-463 Sprocket Feed Printer:

   A)   Turn power switch off (switch to right position)
   B)   Open lid.
   C)   Rotate tearoff blade away from platen as shown.
   D)   Remove depleted paper by turning twirler.
   E)   Thread paper as shown over paper guide plate, under platen and between deflector and tearoff blade. Align paper as fed through paper guide.
   F)   Rotate tearoff blade downward and snap into position.
   G)   Tearoff extra paper.
   H)   Close lid.
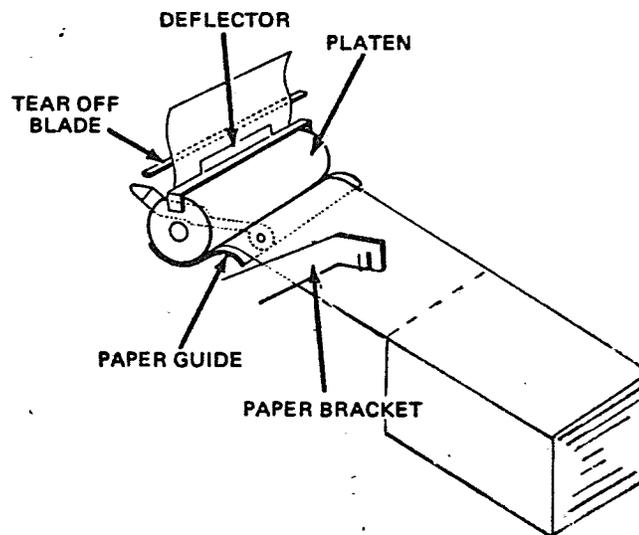
3.1.7   Installing ribbon on Victor 5011-Friction and Sprocket Feed Printers:

   A)   Turn power switch off (switch to right).
   B)   Open lid.
   C)   Rotate tearoff blade away from platen.
   D)   Rotate ribbon spool retaining arms to free spools.

3.1.7   Installing ribbon on Victor 5011-Friction and Sprocket Feed Printers: (Cont'd)

        E)   Lift ribbon spools out of machine.
        F)   Unwind ribbon from one spool and attach new ribbon to that spool.
        G)   Replace spools, threading ribbon as shown around posts and inside
               of ribbon tensioner.
        H)   Rotate ribbon spool retaining arms to lock spools in place.
        I)   Rotate ribbon spool to take up ribbon slack and check to see that
               the ribbon is properly guided.
        J)   Rotate tearoff blade downward and snap into position.
        K)   Tear off extra paper.
        L)   Close lid.

RIBBON
TENSIONER

RIBBON GUIDE POST

RIBBON SPOOL
RETAINING ARM
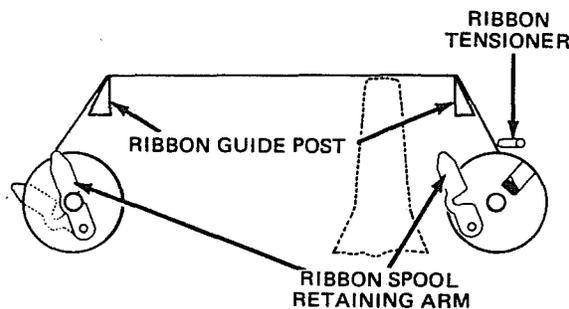
3.2   Baud Rate Selection on PIC

3.2.1   When Victor Model 5011 or Teletype Model 4310, as specified in step 3.1,
        are used, 300 Baud (Switch 4 is closed) is to be set on the HN9 circuit of PIC.

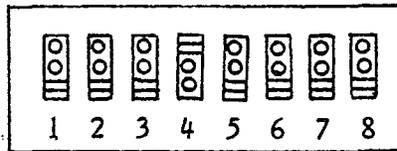3.2.2   Procedure for setting the baud rate switch:

        A)   Disconnect all external cable from PIC if connected.
        B)   Disconnect power cord.
        C)   Remove front and back covers.
        D)   Temporarily disconnect cable (J2) between HP2 and HN9.
        E)   Loose (tight for reassemble) the two holding screws, located at the
               bottom rear of case, for the HN9 circuit pack.
        F)   Remove HN9 circuit pack by sliding to the rear of case.
        G)   Set option switch on HN9 circuit pack (see step 3.2.3).
        H)   To reassemble PIC, reverse steps F through A.

3.2.3   Table for baud selection on HN9 circuit pack:

Switch Closed	Baud Rate	Application
1 *	9600	
2 *	2400	ECS–CRT Terminal
3 *	1200	CIPMS
4 *	300	Journal Printers
5 *	110	Long Dist. Billing
6	Not used	
7	Not used	
8	(open)	

* Only one switch should be closed.

Example:

Switch 4 is closed for 300 Baud.

3.3   Journal Printers Connection

For Detail Information of
Connection Between PIC
of DIMENSION® PBX, See
PIC X-Connect Section.
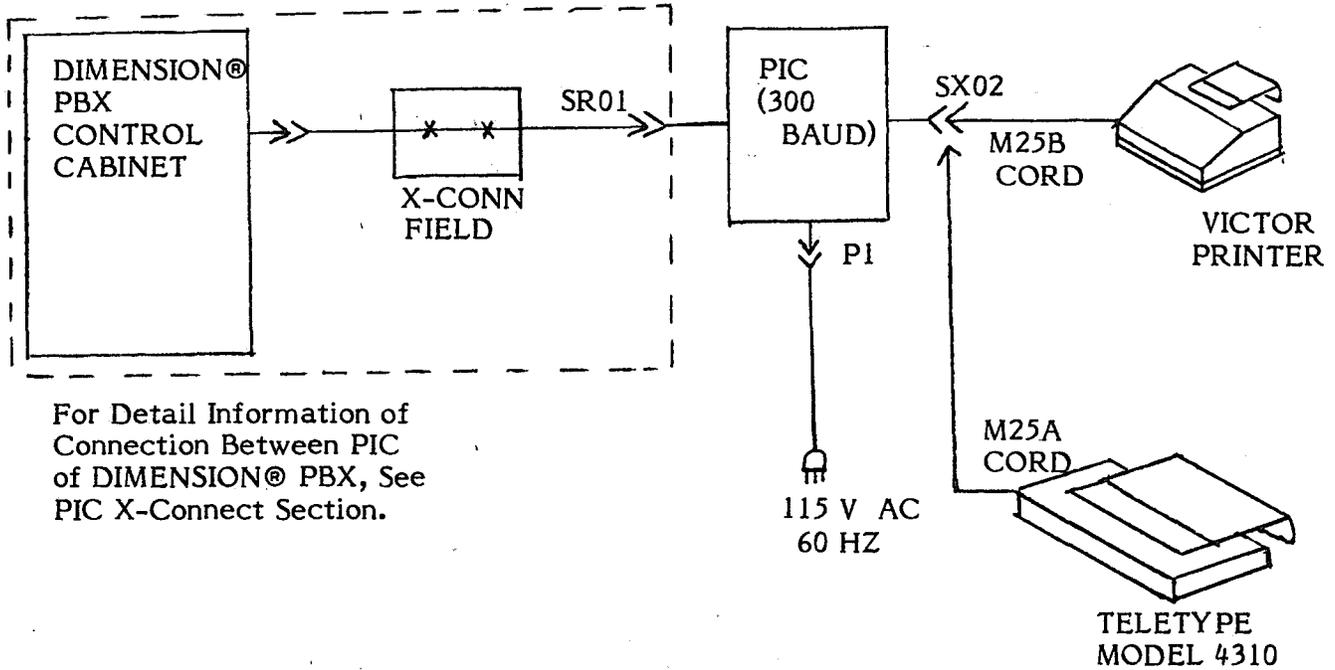
PIC - CONN SX02		VICTOR 5011 PIN ASSIGNMENTS	
LEAD DESIG	PIN	LEAD DESIG	PIN
---	1	AA	1
RXD	2	---	2
TXD	3	BB	3
---	4	CA	4
DTR	5	---	5
DTR	6	---	6
SIGGRD	7	AB	7
DSR	8	---	8
---	11	SCA	11
DSR	20	CD	20

--- Indicate pin not used.

Reason for issue:
New Section   Manager, Denver PBX PECC