TELETYPE CORPORATION
Skokie, Illinois, U.S.A.

SPECIFICATION 50855S
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INSTRUCTIONS FOR INSTALLING THE 402307 MODIFICATION KIT TO
ADD CONTROL CHARACTER VIDEO BLANKING TO CACHE AND CHARACTER
GENERATOR ASSEMBLY CIRCUIT CARDS 410020, 410021, 410022 AND
410657

1. GENERAL

1.01 The 402307 modification kit provides an option for the Model 40 Display Logic
      for the blanking of all control characters (characters with 6th and 7th bit
spacing) from the display, but to still store them in memory and occupy the position
on the display with a SPACE.

Note: "DEL" is not a control character and will not be blanked by this modifi-
cation kit.

1.02 The 402307 modification kit consists of:

Qty	Part No.	Description
2	177108	Diode
1	315955	Resistor
1	407524	Label, identifying
3 ft	32535RM	Wire, green
0.25 ft	60391RM	Tubing, insulating

1.03 The 410657 circuit card customer identification Issue 1 cannot be modified to
      accommodate video blanking of control characters.

2. INSTALLATION

2.01 On the component side of circuit card 410020, 410021, 410022 or 410657 cut
      etched circuit conductor between MLC14 Pin 2 and ground as shown in Fig. 1.
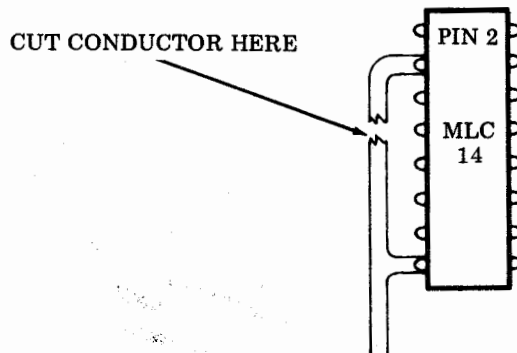
CUT CONDUCTOR HERE

PIN 2

MLC 14

Fig. 1

2.02 Add the following components to the noncomponent side of circuit card 410020, 410021, 410022 or 410657 as shown in Fig. 2:

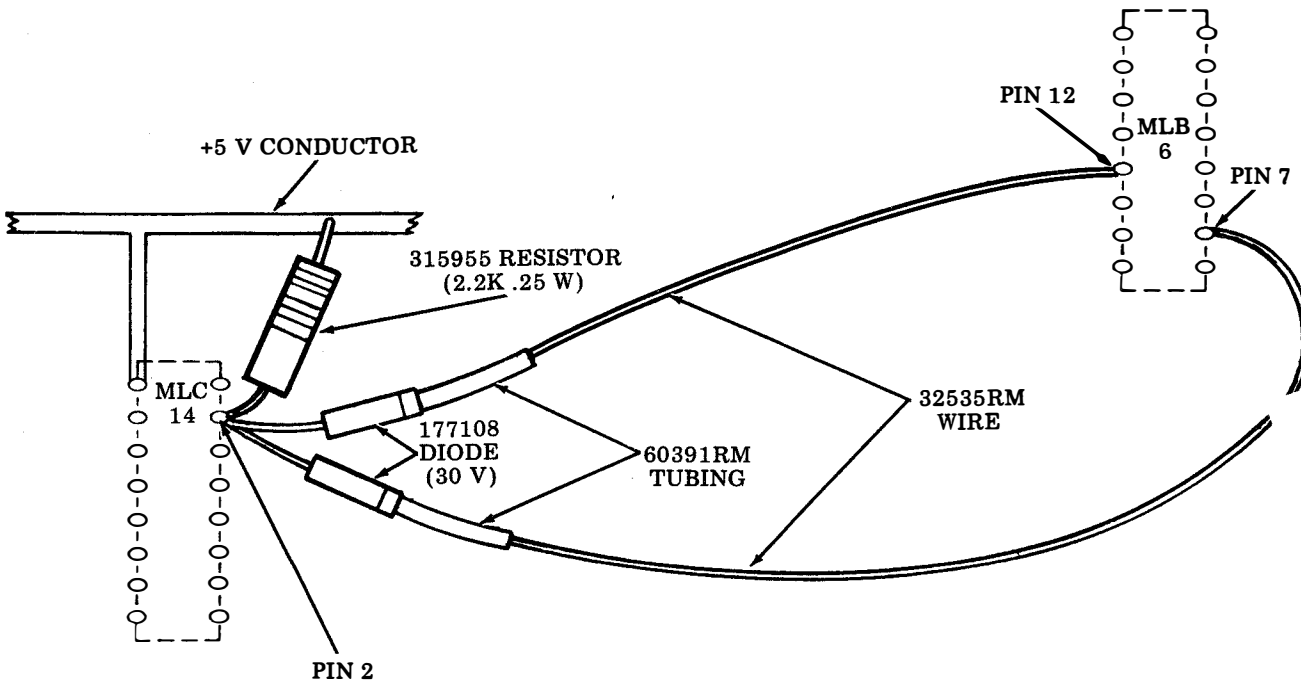| Qty	Part No.	Description
2	177108	Diode
1	315955	Resistor
-	32535RM	Wire, green
-	60391RM	Tubing, insulating

Fig. 2

2.03 Apply 407524 identifying label to noncomponent side of circuit card 410020, 410021, 410022 or 410657.

3. TESTING

3.01 Place the modified circuit card 410020, 410021, 410022 or 410657 in position X13 of the 40DL291 Display Logic in a properly working Model 40/1, 40/2 or 40/3 KD or KDP set.

3.02 With the LOCAL key lit and the CONTROL key depressed, depress control character keytops (characters with 6th and 7th bits spacing). Cursor on monitor will move one space to right and no character will appear in the space previously occupied by the cursor. On 40/3 sets equipped "Automatic Cursor Home and Send Mode on Opcon Entry of Message Ending Character" option the cursor will go to the home position when ETX is entered.