

Classification: A1  
Billable to Telco: Yes X No     

APPARATUS AFFECTED: DATASPEED 40AB101/AA Answer-Back.

PART AFFECTED: TP410722 Answer-Back Circuit Card  
Assembly (MC722).  
TP305821 Capacitor

REASON: (1) To prevent false character printout on the receive unit upon answer-back detection of ENQ (enquiry) character.

(2) To assure generation of "answer-back start" upon detection of ENQ (enquiry) character.

(3) To prevent the "send data" output staying in the "space" condition after a power on sequence.

CHANGE: The TP410722 answer-back circuit card assembly is changed as follows:

(1A) On the noncomponent side of the board, the etched circuit path to MLC3-9 from the plated thru hole (to JU1 strap) is cut.

(1B) On the component side of the board, the etched circuit path to MLB3-11 (from MLA3-5) is cut.

(1C) Two insulated straps are added on the component side of the board, connected as follows:  
From MLB3-11 to MLB3-13.  
From MLC3-12 to plated thru hole (to JU1 strap).

(2) A TP315971 resistor (R23 - 680 ohm - 1/4 W) is added, connected from land for upper lead of the R2 resistor (+ 5V) to land for right lead of the C16 capacitor (gate output MLA2-8). The leads of the R23 resistor are covered with insulating sleeving.

(3A) The C10 capacitor (TP305821 - 0.1 mfd) is replaced by a TP336948 capacitor (1.0 mfd). The positive (+) end of TP336948 capacitor is connected to the lower land (to MLC5-2).

(3B) A TP321213 resistor (R24 - 1K ohm - 1/4 W) is added, connected from land for upper lead of the R19 resistor (+ 5V) to plated thru hole (gate output MLB5-11).

See Attachment Sheet 1 for illustration of these changes as reflected on customer identification issue 8A of the TP410722 circuit card assembly.

PUBLICATION AFFECTED: See SUPPLEMENTAL INFORMATION.

IDENTIFICATION: CHANGES (1) and (2) are reflected on customer identification issue 7A of the TP410722 circuit card assembly. CHANGE (3) is reflected on customer identification issue 8A of the TP410722 circuit card assembly.

See Attachment Sheet 1.

INTERCHANGEABILITY: Customer identification issue 5A TP410722 circuit card assemblies can be updated to customer identification issue 8A by incorporating CHANGES (1), (2) and (3). Customer identification issue 7A TP410722 circuit card assemblies can be updated to customer identification issue 8A by incorporating CHANGE (3).

PARTS AVAILABILITY: New-style circuit card assemblies are available on the normal ordering basis.

SUPPLEMENTAL INFORMATION: Information concerning the DATASPEED 40AB101/AA answer-back is contained in Section 582-001-101, Issue 1 and Section 582-001-201, Issue 1.

REFERENCES: TCN 2161

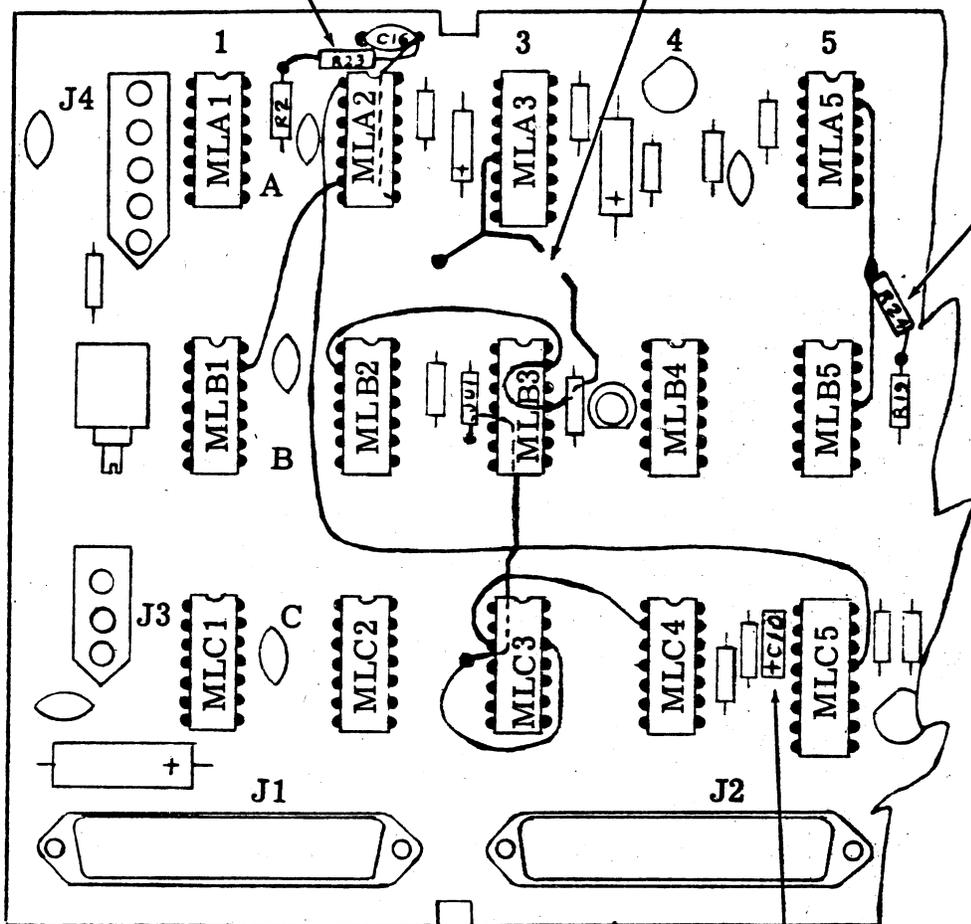
TCN INDEX CLASSIFICATION: 40 ED 00

Attached Sheet 1

NEW-STYLE TP410722 CIRCUIT CARD ASSEMBLY  
(CUSTOMER IDENTIFICATION ISSUE 8A)

R23 (TP315971 - 680 OHM) ADDED FROM LAND FOR UPPER LEAD OF R2 TO LAND FOR RIGHT LEAD OF C16. LEADS OF R23 COVERED WITH SLEEVING.

ETCHING TO MLB3-11 CUT.



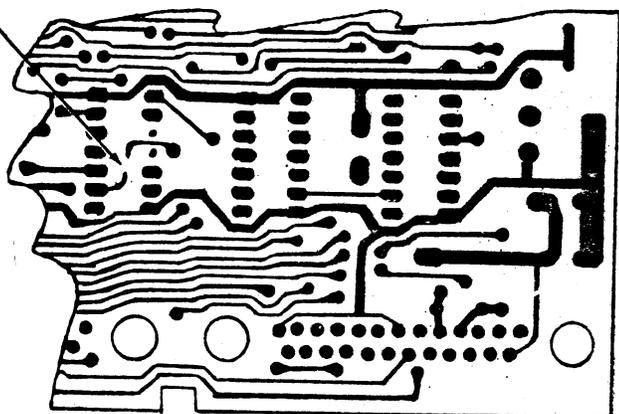
R24 (TP321213 - 1K OHM) ADDED (FROM LAND FOR UPPER LEAD OF R19 TO PLATED THRU HOLE).

ETCHING TO MLC3-9 CUT.

C10 CAPACITOR (0.1 MFD) REPLACED BY TP336948 (1.0 MFD). POSITIVE (+) END OF TP336948 TO LOWER LAND.

INSULATED STRAPS ADDED  
(See above)

FROM MLB3-11 TO MLB3-13.  
FROM MLC3-12 TO PLATED THRU HOLE (TO JU1 STRAP).



(NONCOMPONENT SIDE)