Classification: A1C
Billable to Telco: Yes_____ No X

APPARATUS AFFECTED: 9140 and 9141 Station Controllers.

PART AFFECTED: TP322451 EIA Interface Circuit Card Assembly (MC451).
TP177102 Resistor
TP333742 Diode

REASON: To prevent possible circuit card failure due to overheating.

CHANGE: The TP322451 EIA interface circuit card assembly, located in connector E, is changed as follows:

The CR501 and CR502 diodes (TP333742 - 1N5347B) are replaced by two TP336019 diodes (1N4740).

The R511 and R512 resistors (TP177102 - 40 ohm - 3W) are replaced by two TP171469 resistors (100 ohm - 1W).

See Attachment Sheet 1 for illustration of this change.

See SUPPLEMENTAL INFORMATION (1) for explanation of classification.

This change is reflected on circuit card drawing 322451, customer identification issue 3A, drawing issue 4 and on schematic wiring diagram 8523WD-B49, Issue 4 (which are contained in WDP0138).

PUBLICATION AFFECTED: See SUPPLEMENTAL INFORMATION (2).

IDENTIFICATION: See Attachment Sheet 1.

INTERCHANGEABILITY: Old-style TP322451 circuit card assemblies can be updated by replacing the R511 and R512 resistors (40 ohm) with TP171469 resistors (100 ohm) and replacing the CR501 and CR502 diodes (1N5347B) with TP336019 diodes (1N4740). The TP171469 resistors and TP336019 diodes need not be raised 1/16 to 1/8 inch above circuit board.

PARTS AVAILABILITY: New parts are available.

SUPPLEMENTAL INFORMATION: (1) A1C Classification - same as A1 except this change can be made on the 9140 and 9141 station controllers, during a routine service call, by replacing the old-style card with an updated card.

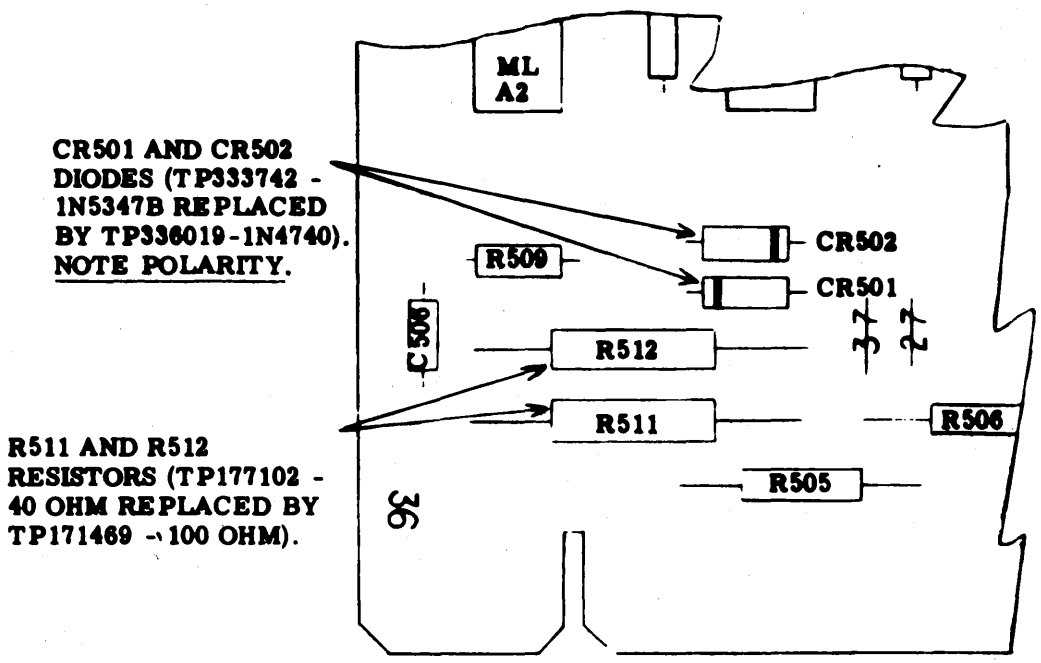
(2) The TP322451 EIA interface circuit card assembly is shown on the Circuit Card Chart in Section 581-123-801, Issue 1, Page 2.

REFERENCES: None

TCN INDEX CLASSIFICATION: 33 AH 00 and 35 AH 00

Attached Sheet 1

NEW-STYLE TP322451 EIA INTERFACE CIRCUIT CARD ASSEMBLY (CUSTOMER IDENTIFICATION ISSUE 3A)



NOTE: THE NEW CR501 AND CR502 DIODES AND THE NEW R511 AND R512 RESISTORS NEED NOT BE RAISED 1/16 TO 1/8 INCH ABOVE CIRCUIT BOARD.