

**TP2191 LOCK WASHER, TP149177 CIRCUIT CARD,
TP151346 SCREW AND TP193040 CONNECTOR WITH GUIDE SLOT**

APPARATUS AFFECTED: 1A High Speed Selective Calling System
11C Converter — Single H/L
11E Converter — Single L/H
11G Converter — Dual H/L
11H Converter — Dual L/H
11J Converter — Combination
TP193010 Special Electronic Accessories 2 L/H Module
TP193012 Special Electronic Accessories 2 H/L Module

OBJECT: To minimize electrical noise generated by unsuppressed relays on the 83B equipment.

CHANGE: A TP149177 circuit card (TB177) equipped with filter networks (186A), connector and mounting components and associated wiring has been added to the TP193010 SEA2 L/H module and to the TP193012 SEA2 H/L module. The added card and circuitry places the added filter networks across the unsuppressed relays of the 83B equipment. The new parts added to the modules are as follows:

TP2191 Lock Washer	(2)	
TP151346 Screw	(2)	
TP149177 Circuit Card	(1)	Consists of four TP165027 Networks (186A)
TP193040 Connector	(1)	

The added parts are assembled to mounting position No. 8 on the TP170501 Frame of the TP193010 SEA2 L/H module and mounting position No. 35 of the TP193012 SEA2 H/L module.

The TP149177 circuit card is identified as Z6608 on the TP193010 module wiring diagrams and a Z5635 on the TP193012 module wiring diagrams.

The wiring diagrams which show the circuitry for the new circuit card are as follows:

6912WD, Issue 5	6917WD, Sheet 1, Issue 5
6913WD, Issue 4	6917WD, Sheet 2, Issue 5
6916WD, Issue 5	

A field modification to add the new circuit card to the modules can be effected as follows:

TP193010 SEA2 L/H Module

Add the parts listed above and add wiring (position Z6608) as follows:

Z6608-S to Z6622-8 Make	Z6608-P to Z6622-8 Break
Z6608-A to Z6608-C	Z6608-C to Z6622-8

SECTION 592-850-803.01

TP193012 SEA2 H/L Module

Add the parts listed above and add wiring (position Z5635) as follows:

Z5635-P to Z5603-P

Z5635-M to Z5603-H

Z5635-J to Z5613-3 Break

Z5635-S to Z5615-K

Z5635-H to Z5635-E

Z5635-E to Z5635-C

Z5635-C to Z5635-A

Z5635-A to Z5607-11

Parts are shown in Section 592-850-803, issue 1, pages 14 and 16.

IDENTIFICATION: New style modules have TP149177 card in position No. 8 or 35.

INTERCHANGEABILITY: Old and new style modules are interchangeable.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: The change is in effect.

APPLICATION TO APPARATUS IN THE FIELD: Should be incorporated in all apparatus where required for proper operation.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: All modules shall be equipped with the new style parts.

AVAILABILITY: Parts are available.