

ADDENDUM TO: INSTALLATION INSTRUCTIONS for

685 RECEIVER

USE WITH ISSUE: P8208V2 dated 7/87

RE: NEW FEATURES WITH Rev. 4.6 FIRMWARE

The following features have been added to Rev. 4.6 firmware for the 685 Receiver.

1. An option has been added which allows the receiver to remain in AUTO PRINT mode even in the event of a printer failure as long as a computer connection is functional. This feature is useful in preventing the printer from going off line in the event of AC failure or lack of paper, especially if the 685 is in an unattended location.

To set this option: Refer to PROM CHART 7: Computer Option Selection
Set the rotary switch position on the 690 programmer to INVERTED
Raise switch 6

2. Two additional English Language messages have been added to the 685's message table:

63 FUEL SYSTEM
64 CHLORINE

3. An option has been added to designate certain telephone lines as listen-in lines. These lines operate as follows.

When a valid message is received on a listen-in line, the phone line will be held open for an additional 60 seconds, allowing an operator time to pick up a phone handset connected to the line. During this time, the number of line(s) holding for listen-in will be displayed on the front panel of the 685 (to the left of the "Faulted Line" display). The alarm messages will be output to the printer as soon as dialer communications are complete, however.

To program this option:

- 1) Remove the 691 option PROM from the 685's memory board.
 - 2) Insert the PROM into a No. 690 PROM programmer.
 - 3) Set the rotary switch on the 690 to position 13. This position is labeled "NOT USED".
 - 4) Raise the slide switches for the line(s) for which this feature is desired.
 - 5) Momentarily pull back on the PROGRAM switch.
 - 6) Set the 690's rotary switch to the OFF position.
 - 7) Remove the PROM and replace it in the 685's memory board.
4. New Contact ID codes have been added. Some of these reports are transmitted by the 4140XMPT2 control while others will be used in the future.

Code	Description
450	Open/close by exception
451	Early open/close
452	Late open/close
453	Failed to open
454	Failed to close
455	Auto-arm failed
456	Partial arm
457	Exit error
458	Operator on premises
459	Recent close
630	Schedule changed
631	Exception schedule changed
632	Access schedule changed



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