

Technical Services Memo

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Product Code: D2, HB, HG	System: Conventional, EDACS, P25
Part Number/Model: J725M, M7100 & Orion	
Maintenance Document: N/A	

Category: Mobile

Subject: Modifying older SS-2000 siren cables for newer radios.

Summary: The Federal Signal® SS-2000 siren and light controller (V-1017) was first used with the S825 control head and Delta / Rangr mobiles. The SS-2000 can easily be retained when upgrading these older mobile radio installations to newer Jaguar 725M, M7100 or Orion mobile by modifying the interface cable connections to accommodate the newer radios.

Action: Remove the existing 24-pin option connector (for the S-825) from the end of the siren cable and replace it with a standard DB-25 Male connector. The wiring connections are shown in table 1 below:

Original S-825 Option connector*	New Orion J725m/M7100 DB-25 Plug	SS-2000 Siren DB 9 plug**	Wire Color	Function
N/C	N/C	1	violet	Spare
16	N/C	2	blue	Control Receive
22	08	3	orange	Control Send
21	19	4	green	On/Off
24	13	5	white	Audio (+)
11	12	6	drain	Audio (-)
10	01	7	drain	Control Ground
26	18	8	yellow	Horn Ring
N/C	N/C	9	gray	Spare

Table 1

2	4	6	8	10	12	14	16	18	20	22	24	26
1	3	5	7	9	11	13	15	17	19	21	23	25

* S825 option connector pin identification
(Viewed from the rear)

**NOTE: The DB-9 (SS2000) end is not modified.