



TELEPHONICS SERVICE BULLETIN/SERVICE LETTER INDEX (MD-80/90, B717)

GENERAL: This index lists all Telephonics Service Bulletins and Service Letters pertinent to Telephonics equipment aboard the MD-80/90 series aircraft. Telephonics Service Bulletins are written to the Line Replaceable Unit (LRU) level, providing detailed instructions and kit information for retrofit modification, as required by ATA 100. Telephonics Service Letters are used to promulgate information or announcements which would not normally be included in bulletins or manuals.

**BULLETIN**

NUMBERS: As required by ATA 100, Telephonics' Service Bulletin numbers consist of the basic LRU part number, the ATA chapter (system) number and a sequence number.

Example: <u>UNIT BASIC P/N</u>	<u>ATA 100 CHAPTER</u>	<u>SEQUENCE</u>
686-3000	-23	-1
ESU	COMMUNICATIONS	FIRST

**KIT**

NUMBERS: Service Bulletin kit numbers are derived from the Service Bulletin number, to which the prefix "SBK" is added and the chapter number is deleted. Example: SBK686-3000-1. In cases requiring different kits to accommodate differently configured units, distinguishing numbers are added to the prefix. Example: SB1K686-3000-1, SB2K686-3000-1.

**MODIFICATION**

**RECORD**

PLATE: Telephonics' modification record plates are small, adhesive backed, foil plates imprinted with twelve circled numbers. Affixed to the exterior of the unit case or front panel and marked as instructed in applicable bulletins, the plate provides immediate identification of incorporated bulletins, without removal of installed units. These plates are supplied as part of the service bulletin kits.



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<u>LRU P/N</u>	<u>BULLETIN NO.</u>	<u>SUBJECT</u>	<u>RELEASE DATE</u>	
<u>HANDSET:</u>				
686-1000	686-1000-23-1	Modification to Suppress "POPS and CLICKS" (Superseded by 686-1000-23-3)	Unreleased	
	686-1000-23-2	Incorporation of three Reliability Enhancement Changes	4/3/89	
	686-1000-23-3	Modification to Suppress "POPS and CLICKS"	12/15/93	
	Revision 1		10/29/04	
	686-1000-23-4	Modification to Preclude False Activation of PA Key	7/25/90	
	Revision 1		10/29/04	
	686-1000-23-5	Modification to Preclude Intermittent Resetting	12/13/99	
	Revision 1		10/29/04	
	686-1000-23-6	Modification to Preclude Intermittent Handset Lockup	12/20/99	
	Revision 1		10/29/04	
	<u>CRADLE:</u>			
	686-2000	686-2000-23-1	Product Improvement, Magnet Assembly	2/18/98
Revision 1			10/29/04	
<u>ESU:</u>				
686-3000-001 and -002	686-3000-23-1	Modification to Prevent Acoustic Feedback within Handset	10/12/88	
	Revision 1		11/11/88	



ESU: (cont'd)

686-3000-001 and -002	686-3000-23-2	Modification of PA Ch#1 Output Impedance	12/24/93
	Revision 1		2/14/94
	Revision 2		1/31/02
	Revision 3		10/29/04
686-3000-002	686-3000-23-3	Modification for PA Ch#1 Gain Adjustment Capability and Power Delivery to Aft/Mid Handsets	12/18/96
	Revision 1		12/1/97
	Revision 2		11/1/04



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<u>LETTER NO.</u>	<u>SUBJECT</u>	<u>RELEASE DATE</u>
SL90-1	ESU P/N 686-3000-xxx; Prevention of Potential Shorting of Heat Sink Mounted Components.	5/18/90
SL92-1	Handset P/N 686-1000-xxx; microphone low gain & intermittent reset.	9/4/92
SL95-1	Cradle Assembly P/N 686-2000-001, Improperly installed Cradle Retainer Assembly (Limited Distribution)	3/9/95
SL96-1	ESU P/N 686-3000-001 & 002, Emergency power PA operation (Limited distribution)	4/3/96
SL97-1	Handset P/N 686-1000-xxx, Internal hardware retention using Loctite 425	2/17/97
SIL98-1	Handset P/N 686-1000-002, Supersedure of Microphone Assembly P/N 686-1025-001 with P/N 686-1025-002	11/13/98
SIL98-2	ESU P/N 686-3000-003, Distorted PA Audio when using Cockpit Aft Pedestal Handset	11/18/98
SIL99-1	Handset P/N 686-1000-002, Does not reset or causes constant chime during power up	6/21/99
SIL08-1	Handset P/N 686-1000-002, Coil Cord Replacement and Preparation Instructions	2/11/08