



815 BROADHOLLOW RD., FARMINGDALE, NY 11735 USA

MD-80/90 SERIES

SERVICE INFORMATION LETTER & 717

EQUIPMENT:

PASSENGER ADDRESS SERVICE INTERPHONE CALL SYSTEM (PASICS),
HANDSET ASSEMBLY P/N 686-1000-002, used on board the MD-80/90 series and 717
aircraft

SUBJECT:

Handset does not reset or causes constant chime during power up.

REASON:

Possible wrong component on A2 circuit card assembly P/N 686-1008-002 at the D1
location in handset serial numbers 2700 thru 3000. Diode D1, which is a surface mount
style component and should be a 1N751A type 5.1V zener diode, could have a 6.2V
zener diode installed in its place. Because of the size, there is no part number marking
on the component.

VERIFICATION:

On aircraft –.

In shop – Using test fixture P/N 686-7100-001 or suitable mock-up to power handset,
remove rear shell and measure the DC voltage at the cathode end of A2 D1. This
voltage should be approximately 5.1VDC, if voltage is higher (6.2VDC), the diode is the
wrong type.

CORRECTIVE ACTION:

Replace A2 D1 component with correct part and retest in accordance with CMM.
Replacement part is available at no charge from Telephonics.

or

Return suspected unit to addresses listed on page 2 for correction of problem at no
charge. Reference this SIL in return paperwork.



**Telephonics Corp.
815 Broadhollow Rd.
Farmingdale, NY 11735 USA
Attn: Communications Service Center**

or

**Telephonics Corp.
127 W. Walnut St.
Gardena, CA 90248**