

Service Bulletin No: 24-036

Ref No: 333

Modification No: EC-13-0622

ATA Chapter: 24

**ELECTRICAL POWER - DC DISTRIBUTION
EXTERNAL POWER CONNECTOR PROTECTION****1. Planning Information****A. Effectivity**

PC-12/47E Aircraft MSN 1001 thru 1520.

This modification will be embodied on MSN 1521 and up at production.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

The existing ground power socket configuration is vulnerable to possible short circuit from foreign objects.

(2) Cause

Power terminal of the ground power socket to ground is exposed.

(3) Solution

Reconfigure the ground power socket connections to improve protection against short circuit.

D. Description

This Service Bulletin gives the data and instructions necessary to reconfigure the ground power socket installation to improve protection against short circuit.

E. Compliance

Optional.

F. Approval

The technical content of this document is approved under the authority of DOA No. EASA. 21J. 357.

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H. Manpower

Task	Man-hours
Preparation	0.5
Modification	0.5
Close up	0.5
TOTAL MAN-HOURS	1.5

I. Weight and Balance**(1) Weight Change**

None.

(2) Moment Change

None.

J. Electrical load Data

None.

K. Software

None.

L. References

Aircraft Maintenance Manual (AMM)

12-B-06-20-00-00A-040A-A 12-B-24-00-00-00A-901A-A 12-B-24-30-07-00A-920A-A
12-B-24-30-07-00A-920B-A

M. Publications Affected

IPC.

N. Interchangeability of Parts

Not applicable.

2. Material Information**A. Material - Price and Availability**

If you want more information about this modification, contact your approved Service Center or:

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B. Warranty

Not applicable.