

Service Bulletin No: 24-035

Ref No: 300

Modification No: EC-12-0493

ATA Chapter: 24

**ELECTRICAL POWER - ELECTRICAL HARNESS
PROTECTION OF THE ENGINE BAY ELECTRICAL HARNESS****1. Planning Information****A. Effectivity**

PC-12/45 and PC-12/47 Aircraft MSN 411, 534 thru 544 and 546 thru 888, pre Service Bulletin 79-006 Para 4 (Removal of the Oil Debris Monitoring System).

PC-12/47E Aircraft MSN 545, 1001 thru 1100, pre Service Bulletin 79-007 Para 4 (Removal of the Oil Debris Monitoring System).

B. Concurrent Requirements

None.

C. Reason**(1) Problem:**

Reports of wires chafing against the metal screen of the Oil Debris Monitoring System electrical harness.

(2) Cause:

The metal screen of the Oil Debris Monitoring System harness is in a loom with other wires.

(3) Solution:

Install protective sleeving on the metal screen of the Oil Debris Monitoring System harness to prevent chafe damage.

NOTE: Embodiment of Service Bulletin 79-006 Para 4 or 79-007 Para 4 also eliminates the potential for chafe damage by removing the Oil Debris Monitoring System harness from the aircraft.

D. Description

This Service Bulletin gives the data and instructions necessary to install protective sleeving on the affected cable loom in the engine bay.

E. Compliance

Recommended.

F. Approval

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

PILATUS advises Operators/Owners to check with their designated Airworthiness Authority for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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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-A-06-20-00-00A-040A-A

12-B-06-20-00-00A-040A-A

12-A-20-31-00-00A-070A-A

12-B-20-31-00-00A-070A-A

M. Publications Affected:

None.

N. Interchangeability of Parts:

Not changed.

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

Pilatus advise that the standard lead times for parts may be up to 1 month.

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

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Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.

B. Material Necessary for one Aircraft:

NOTE: Part Numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered with the Modification Kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the Modification Kit if parts are superseded. Operators are requested to check the IPC for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.