

Service Bulletin No: 25-043

Ref No: 372

Modification No: EC-15-0406

ATA Chapter: 25

**EQUIPMENT AND FURNISHINGS - CONNECTOR CONVERSION FOR THE ENGINE COLD WEATHER PREHEATER SYSTEM****1. Planning Information****A. Effectivity**

Aircraft MSN 101 thru 888 with the 110 VAC cold weather preheater system installed as a Customer option. Aircraft Post Service Bulletin 25-002.

Aircraft MSN 1001 thru 1575 with the 110 VAC or 230 VAC cold weather preheater system installed as a Customer option. Aircraft Post Service Bulletin 25-034 and 25-035.

**B. Concurrent Requirements**

None.

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

The engine cold weather preheater system was installed with terminal lug connections for the heater elements and without a dedicated connector for the indicator light. Thus, it was necessary to fully replace the engine cold weather preheater system if a heater element or an indicator light replacement was required.

**(2) Solution**

Remove the existing terminal lug connections for the heater elements and install replacement connectors. Install a new connector for the indicator light.

**D. Description**

This Service Bulletin gives the data and instructions to install a replacement connector for each heater element and a new connector for the indicator light of the engine cold weather preheater system.

**E. Compliance**

Optional.

**F. Approval**

The technical content of this Service Bulletin 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.

**G. Copyright and Legal Statement**

© Pilatus Aircraft Ltd. This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be copied, reproduced or translated to other languages without the prior written consent of Pilatus Aircraft Ltd.

In connection with the use of this document, Pilatus does not provide any express or implied warranties and expressly disclaims any warranty of merchantability or fitness for a particular purpose. This document contains trade secrets, confidential and/or proprietary information of Pilatus and technical data subject to export control laws and regulations, including the U.S. Export Administration Regulations (EAR). Disclosure or distribution of this document contrary to the EAR, and other laws and regulations, is strictly forbidden. The above restrictions may apply to data on all pages of this document.

**H. Manpower**

This is the time required to install one connector only.

Description	Man-hours
Preparation	0.25
Modification	0.25
Close up	0.25
<b>TOTAL MAN-HOURS</b>	<b>0.75</b>

**I. Weight and Balance**

Not changed.

**J. Electrical Load Change Data**

Not changed.

**K. Software**

Not changed.

**L. References**

**NOTE:** Throughout this Service Bulletin, AMM references are given without the model prefix. For PC-12, PC-12/45 and PC-12/47 aircraft, prefix references with 12-A. For PC-12/47E aircraft, prefix references with 12-B.

06-20-00-00A-040A-A	24-00-00-00A-901A-A
25-90-00-00A-903A-A	25-90-00-00A-903B-A

**M. Publications Affected**

Illustrated Parts Data

Wiring Diagram Manual

**N. Interchangeability of Parts**

Not applicable.

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

Operators that require additional information and/or Service Bulletin Material should contact their authorized Pilatus Service Center, or Pilatus Customer Support on [www.pilatus-aircraft.com](http://www.pilatus-aircraft.com) → contact us

**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 Connector Kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the Connector Kit if parts are superseded. Operators are requested to check the IPD for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.

**B. Material to Order from Pilatus****C. Material Necessary for Each Spare**

Not applicable.

**D. Re-identified Parts**

Not applicable.

**E. Tooling - Cost and Availability**

Not applicable.