

Service Bulletin No: 32-026

Ref No: 370

Modification No: EC-17-0153

ATA Chapter: 32

LANDING GEAR - NOSE GEAR AND DOORS - INSPECTION OF SPRING PACK ASSEMBLY PART NUMBER 532.20.12.249**1. Planning Information****A. Effectivity**

PC-12, PC-12/45, PC-12/47 and PC-12/47E Series aircraft MSN 101 to 9999 and spring pack assemblies P/N 532.20.12.249 held as spares.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

Cases of seized nose landing gear spring pack assemblies P/N 532.20.12.249 have been reported. A seized spring pack assembly may cause nose landing gear extension or retraction difficulties. Affected spring pack assembly serial numbers are listed in the following table:

Originally installed on MSN	Spring pack assembly serial number	Originally installed on MSN	Spring pack assembly serial number	Originally installed on MSN	Spring pack assembly serial number
743	VLG239	772	VLG257	793	VLG271
760	VLG240	768	VLG258	777	VLG272
745	VLG241	774	VLG259	783	VLG273
747	VLG242	769	VLG260	781	VLG274
746	VLG243	770	VLG261	794	VLG275
752	VLG244	773	VLG262	785	VLG276
761	VLG245	767	VLG263	790	VLG279
751	VLG246	775	VLG264	791	VLG280
750	VLG247	776	VLG265	789	VLG281
753	VLG248	779	VLG266	796	VLG282
754	VLG249	778	VLG267	795	VLG283
771	VLG250	780	VLG268		
755	VLG251	784	VLG277		
756	VLG252	786	VLG278		
758	VLG254	787	VLG253		
759	VLG255	782	VLG269		
757	VLG256	788	VLG270		

(2) Solution

Inspect the nose landing gear spring pack assembly to determine the serial number.
Replace or upgrade affected serial number assemblies.

D. Description

This Service Bulletin gives the data and instructions to inspect the spring pack assembly serial numbers, and if necessary, upgrade or replace affected units.

Revision 1 to this Service Bulletin corrects the part number for the flexible duct. No action is required for customers who have embodied this Service Bulletin at an earlier revision.

E. Compliance

Recommended.

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.

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H. Manpower

Description	Manhours Part A Option 1	Manhours Part A Option 2	Manhours Part B
Preparation	1.0	1.0	-
Modification	8.5	3.5	8.5
Close up	1.0	1.0	-
TOTAL MAN-HOURS	10.5	5.5	8.5

I. Weight and Balance

Not changed.

J. Electrical Load Change Data

Not changed.

K. Software

Not changed.

L. References

Aircraft Maintenance Manual (AMM)

12-A-20-31-00-00A-071A-A 12-A-24-00-00-00A-901A-A 12-A-32-20-03-00A-920A-A

12-B-20-31-00-00A-071A-A 12-B-24-00-00-00A-901A-A 12-B-32-20-03-00A-920A-A

12-B-32-20-03-00A-920B-A

Component Maintenance Manual (CMM) 02232.

M. Publications Affected

None.

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 → contact us

B. Warranty

Spare parts for modification under 3.(B) Option 1 and 4.(B) will be supplied free of charge for all affected spring pack assembly serial numbers listed under 1.C.(1), provided that the work is accomplished by an authorized Service Center within 24 months from the original issue date of this Service Bulletin.

Replacement by 3.(B) Option 2 will not be covered under warranty.

C. Material Necessary for Each 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.