

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41105R1

BULLETIN INDEX LOCATOR
72-60-00

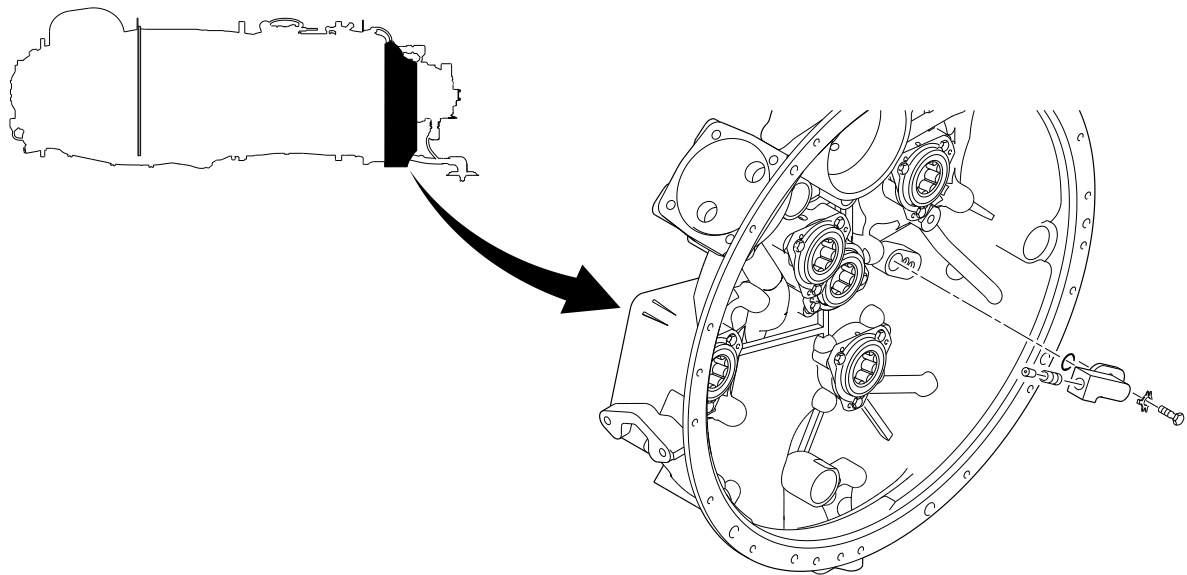
TURBOSHAFT ENGINE
OIL NOZZLE ASSEMBLY, ACCESSORY DRIVE - REPLACEMENT OF

MODEL APPLICATION

PT6C-67C

Compliance: CATEGORY 5

Summary: The accessory drive oil nozzle can interfere with the nozzle sitting hole face on the accessory gearbox assembly. Replace the nozzle with one that has a shorter transfer tube and gives the correct clearance during the assembly eliminating additional rework.



Apr 05/2016
Revision No. 1: Aug 05/2024

PT6C-72-41105
Cover Sheet

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05 August 2024

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REVISION TRANSMITTAL SHEET
TURBOSHAFT ENGINE MODEL PT6C

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PT6C-72-41105, Rev. No. 1, dated Aug 05/2024 (P&WC S.B. No. 41105R1) OIL NOZZLE ASSEMBLY, ACCESSORY DRIVE - REPLACEMENT OF

Replace your existing copy of this service bulletin with the attached revised bulletin. Destroy the superseded copy.

Please retain this Revision Transmittal Sheet with the revised bulletin.

SUMMARY: This service bulletin is revised to:

- update the Engine Family from PT6B to PT6C.
- update the Engine Serial Number in Para. 1.A., Effectivity.
- update the pricing to the current year in Para. 2.C., Material Information.

EFFECT OF REVISION ON PRIOR ACCOMPLISHMENT:

None.

NOTE: A black bar in the left margin indicates a change in that line of text or figure.

REVISION HISTORY:

Original Issue: Apr 05/2016

Revision No. 1: Aug 05/2024

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SERVICE BULLETIN

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TURBOSHAFT ENGINE
OIL NOZZLE ASSEMBLY, ACCESSORY DRIVE - REPLACEMENT OF

1. Planning Information

A. Effectivity

PT6C-67C Engines which are before and include Serial No. PCE-KB1905, excluding Serial No. PCE-KB1794, PCE-KB1885 and PCE-KB1901.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The accessory drive oil nozzle can interfere with the nozzle sitting hole face on the accessory gearbox assembly causing rework at assembly.

(2) Cause

The oil nozzle transfer tube may be too long.

(3) Solution

Replace the nozzle with one that has a shorter transfer tube and gives the correct clearance during the assembly eliminating additional rework.

D. Description

Replace the accessory drive oil nozzle with a new one.

E. Compliance

CATEGORY 5 - P&WC recommends to do this service bulletin when the engine is disassembled and access is available to the necessary subassembly (i.e. module, accessories, components, or build groups). Do all spare subassemblies.

F. Approval

The technical content of this document is approved under the authority of the Transport Canada Civil Aviation (TCCA) Design Approval Organization No: DAO #93-Q-01.

G. Manpower

No more man-hours are necessary to include this service bulletin at overhaul.

H. Weight and Balance

None.

P&WC No. E8532A, ETI-0083558

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TURBOSHAFT ENGINE OIL NOZZLE ASSEMBLY, ACCESSORY DRIVE - REPLACEMENT OF

1. Planning Information (Cont'd)

I. Electrical Load Data

Not changed.

J. Software Accomplishment Summary

Not applicable.

K. References

Overhaul Manual P/N 3045333 (PT6C-67C)
Illustrated Parts Catalog P/N 3045334 (PT6C-67C)

L. Publications Affected

Illustrated Parts Catalog P/N 3045334 (PT6C-67C)

M. Interchangeability and Intermixability of Parts

Interchangeability - Refer to Para. 2.C.

Intermixability - Not changed.

2. Material Information

A. Industry Support Information

Not applicable.

B. Material - Cost and Availability

You can get the procurable parts listed in Para. 2.C. from any Pratt & Whitney Canada Parts Distribution Center.

The estimated total cost of new parts needed to replace old parts is \$4503.30 (US, 2024).

The new parts are available.

C. Material Necessary for Each Engine

The quantity of materials listed in this section is on a per Engine basis.

<u>New P/N</u>	<u>Keyword</u>	<u>Old P/N</u>	<u>Qty</u>	<u>Est. Unit List Price (\$US, 2024)</u>	<u>Instructions Disposition</u>
3119800-01	Oil Nozzle Assembly, Accessory Drive	3044443-01	1	4503.30	(A)(B)

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TURBOSHAFT ENGINE OIL NOZZLE ASSEMBLY, ACCESSORY DRIVE - REPLACEMENT OF

<u>New P/N</u>	<u>Keyword</u>	<u>Old P/N</u>	<u>Qty</u>	<u>Est. Unit List Price (\$US, 2024)</u>	<u>Instructions Disposition</u>
3120035-01	Oil Nozzle, Accessory Drive	3044281-01	1	NP	
3016598	Washer, Key	ST3371-01	1	1.39	(A)(B)

Consumable Materials and Parts Required:

ST6202-012	Packing, Preformed	ST6202-012	1	4.48	(C)
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(A) RESTRICTED INTERCHANGEABILITY - (ATA 200 Explanation Code 07):
All Parts are interchangeable as a complete set.

(B) Discard. Do not use again in any application.

(C) Standard replacement part. Latest at the time of SB issue.

D. Reidentified Parts

None.

E. Tooling - Price and Availability

Not applicable.

3. Accomplishment Instructions

A. Remove the parts in the Old P/N list in Para. 2.C., Material Information, in accordance with the overhaul manual instructions as follows:

- Ref. OHM 72-60-00 ACCESSORY GEARBOX - DISASSEMBLY.

B. Install the parts in the New P/N list in Para. 2.C., Material Information, in accordance with the overhaul manual instructions as follows:

- Ref. OHM 72-60-00 ACCESSORY GEARBOX - SUB-ASSEMBLY.

C. Write the accomplishment of P&WC S.B. No. 41105 in the engine module log book.

4. Appendix

Not applicable.