

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28406

**BULLETIN INDEX LOCATOR**  
**72-51-01**

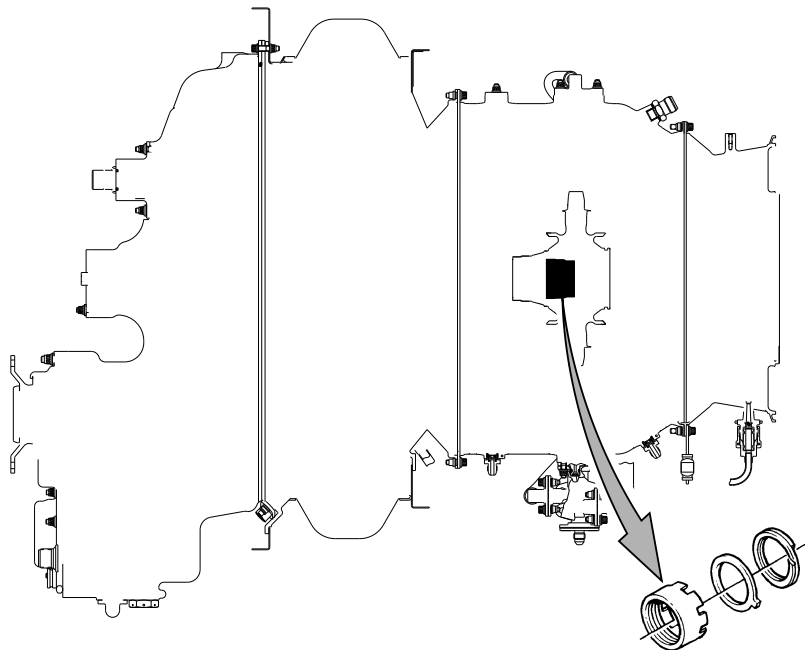
TURBOSHAFT ENGINE  
COMPRESSOR-TURBINE-DISC RETAINING NUT - REPLACEMENT OF

MODEL APPLICATION

PW206B2, PW206B3, PW206C, PW207D, PW207D1, PW207D2, PW207K

Compliance: CATEGORY 5

Summary: There is a possibility that the Compressor Turbine (CT) disk retaining nut was not torqued correctly at initial build of the engine. Replace CT disk retaining nut on affected engines.



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Cover Sheet

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TURBOSHAFT ENGINE  
COMPRESSOR-TURBINE-DISC RETAINING NUT - REPLACEMENT OF

1. Planning Information

A. Effectivity

PW206B2 Post SBA28280 Engines Serial No. PCE-BJ1464, PCE-BJ1469 and PCE-BJ1471.

PW206B3 Post SBA28280 Engines Serial No. PCE-BR0161, PCE-BR0180, PCE-BR0191 and PCE-BR0195.

PW206C Post SBA28280 Engines Serial No. PCE-BC1014 and PCE-BC1015.

PW207C Post SBA28280 Engines Serial No. PCE-BH1064, PCE-BH1065, PCE-BH1068 and PCE-BH1070.

PW207D1 Post SBA28280 Engines Serial No. PCE-BL0879, PCE-BL0880, PCE-BL0884, PCE-BL0896, PCE-BL0919, PCE-BL0920, PCE-BL0941, PCE-BL0948 and PCE-BL0956.

PW207D2 Post SBA28280 Engines Serial No. PCE-BN0029.

PW207K Post SBA28280 Engines Serial No. PCE-BK0341, PCE-BK0375 and PCE-BK0383.

NOTE: The above effectivity list does not identify engines that have been converted from one engine model to another via an engine conversion service bulletin. To clarify the effectivity of converted engines, refer to the original engine effectivity above. For the parts embodied during the engine conversion, refer to conversion service bulletin.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

There is a possibility that the CT disk is not correctly seated.

(2) Cause

The CT disk retaining nut may be installed with a torque lower than required.

(3) Solution

Replace the CT disk retaining nut with a new one.

D. Description

Remove and replace the CT disk retaining nut with a new one.

P&WC No. EC-0078733

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## TURBOSHAFT ENGINE COMPRESSOR-TURBINE-DISC RETAINING NUT - REPLACEMENT OF

### 1. Planning Information (Cont'd)

#### 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

Once you have access to the part, an estimate of XXX man-hours is required to include this service bulletin at repair.

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

#### H. Weight and Balance

None.

#### I. Electrical Load Data

Not applicable.

#### J. Software Accomplishment Summary

Not applicable.

#### K. References

Illustrated Parts Catalog P/N [3054928](#) (PW206B2/206B3)

Illustrated Parts Catalog P/N [3043324](#) (PW206C)

Illustrated Parts Catalog P/N [3054927](#) (PW207C)

Illustrated Parts Catalog P/N [3071604](#) (PW207D1/207D2)

Illustrated Parts Catalog P/N [3053374](#) (PW207K)

Maintenance Manual P/N [3039732](#) (PW206B/206B2/206B3)

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TURBOSHAFT ENGINE  
COMPRESSOR-TURBINE-DISC RETAINING NUT - REPLACEMENT OF

1. Planning Information (Cont'd)

Maintenance Manual P/N [3043322](#) (PW206C/207C)

Maintenance Manual P/N [3071602](#) (PW207D1/207D2)

Maintenance Manual P/N [3053372](#) (PW207K)

Overhaul Manual P/N [3039733](#) (PW206B/206B2/206B3)

Overhaul Manual P/N [3043323](#) (PW206C/207C)

Overhaul Manual P/N [3071603](#) (PW207D1/207D2)

Overhaul Manual P/N [3053373](#) (PW207K)

L. Publications Affected

Not applicable.

M. Interchangeability and Intermixability of Parts

Not applicable.

2. Material Information

A. Industry Support Information

Not applicable.

B. Material - Price and Availability

Not applicable.

C. Material Necessary for Each Engine

Not applicable.

D. Reidentified Parts

None.

E. Tooling - Price and Availability

Not Applicable

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TURBOSHAFT ENGINE  
COMPRESSOR-TURBINE-DISC RETAINING NUT - REPLACEMENT OF

3. Accomplishment Instructions

- A. Remove Post SB SBA28280 retaining nut P/N 3072307-01, Key Washer P/N 3072308-01 and discard, in accordance with the maintenance or overhaul manual instructions as follows:

Ref. MM 72-00-31 Heavy Maintenance.

Ref. OHM 72-03-00 Disassembly.

- B. Install new Post SB SBA28280 retaining nut P/N 3072307-01 and new Key Washer P/N 3072308-01, in accordance with the maintenance or overhaul manual instructions as follows:

Ref. MM 72-00-31 Heavy Maintenance.

Ref. OHM 72-03-00 Assembly.

- C. Write the accomplishment of P&WC S.B. No. 28406 in the applicable engine module log book.

4. Appendix

Not applicable.

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DATE: TBA

SB No.: 28406R0

EC No.: EC-0078733

Approved      Revise &  
Resubmit

Signature

Date

Return to: Technical Writing,

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