

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28284R5

**BULLETIN INDEX LOCATOR**  
**72-31-00**

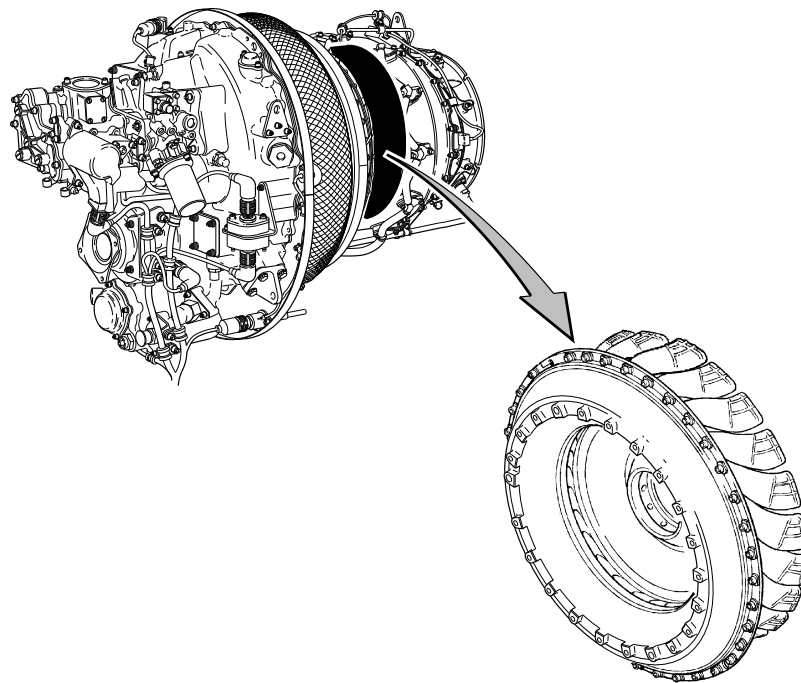
TURBOSHAFT ENGINE  
DIFFUSER CASE ASSEMBLY - REPLACEMENT OF

MODEL APPLICATION

PW206A, PW206B, PW206B2, PW206C, PW206E, PW207C, PW207D, PW207E, PW207K

Compliance: CATEGORY 7

Summary: The inside diameter of the diffuser case throat area may be over maximum. Introduce a diffuser case with an increased erosion resistant material.



Aug 02/2006  
Revision No. 5: Jun 28/2023

**PW200-72-28284**  
Cover Sheet

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Pratt & Whitney Canada Corp.  
1000, Marie-Victorin  
Longueuil, Québec, Canada J4G 1A1  
Tél. 450-677-9411



**Pratt & Whitney Canada**

A United Technologies Company

28 June 2023

P&WC S.B. No. 28284R5

REVISION TRANSMITTAL SHEET  
TURBOSHAFT ENGINE MODEL PW200

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PW200-72-28284, Rev. No. 5, dated Jun 28/2023 (P&WC S.B. No. 28284R5) DIFFUSER CASE ASSEMBLY - 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 Destroy the superseded copy.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 modify the effectivity for the PW207E engines.

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: Aug 02/2006  
Revision No. 1: Oct 24/2006  
Revision No. 2: Feb 13/2007  
Revision No. 3: Mar 23/2007  
Revision No. 4: Apr 24/2013  
Revision No. 5: Jun 28/2023



PRATT & WHITNEY CANADA  
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TURBOSHAFT ENGINE  
DIFFUSER CASE ASSEMBLY - REPLACEMENT OF

1. Planning Information

A. Effectivity

PW206A Engines.  
PW206B Engines.  
PW206B2 Engines which are before and include Serial No. BJ0495.  
PW206C Engines which are before and include Serial No. BC0674.  
PW206E Engines which are before and include Serial No. BE0048.  
PW207C Engines which are before and include Serial No. BH0159.  
PW207D Engines which are before and include Serial No. BF0157.  
PW207E Engines which are before and include Serial No. BG0110.  
PW207K Engines which are before and include Serial No. BK0036.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The inside diameter of the diffuser case throat area may be over maximum.

(2) Cause

The diffuser case throat area can erode.

(3) Solution

Replace the diffuser case with one with an increased erosion resistant material.

D. Description

Replace the diffuser case assembly.

E. Compliance

CATEGORY 7 - You can do this service bulletin when the supply of superseded parts is fully used.

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.

P&WC No. D4807D, DCR4123, D4807L, D4807M, EC-0080611.

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TURBOSHAFT ENGINE  
DIFFUSER CASE ASSEMBLY - REPLACEMENT OF

1. Planning Information (Cont'd)

H. Weight and Balance

None.

I. Electrical Load Data

Not changed.

J. Software Accomplishment Summary

Not changed.

K. References

Applicable PW200 Technical Manuals

L. Publications Affected

Applicable PW200 Technical Manuals

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 \$Quote (US, 2013).

The new parts are available.

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## TURBOSHAFT ENGINE DIFFUSER CASE ASSEMBLY - REPLACEMENT OF

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, 2013)</u>	<u>Instructions Disposition</u>
3070471-01	Case Assembly, Diffuser	3045126-01	1	78477.00	(A)(B)
3070483-01	Case Assembly, Diffuser (Welded)	3123469-01	1	NP	

(A) TWO WAY INTERCHANGEABLE - (ATA 200 Explanation Code 02):  
The old or the new part can replace the old or the new part.

(B) Discard the part if it is unserviceable. Return a serviceable part to stock.

D. Reidentified Parts

None.

E. Tooling - Price and Availability

Not applicable.

3. Accomplishment Instructions

A. Remove the parts listed under old P/N in Para. 2.C., Material Information, per the applicable overhaul manual instructions.

B. Install the parts listed under New P/N in Para. 2.C., Material Information, per the applicable overhaul manual instructions.

C. Write accomplishment of P&WC S.B. No. 28284 in the applicable engine module log book.

4. Appendix

A. Refer to Figure 1 for the progression of the part.