

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 28411R2

BULLETIN INDEX LOCATOR
73-11-40

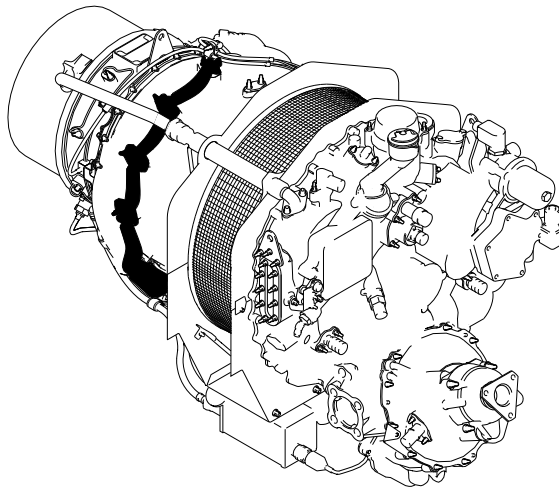
TURBOSHAFT ENGINE
FUEL MANIFOLD - REPLACEMENT OF

MODEL APPLICATION

PW206B, PW206B2, PW206B3, PW206C, PW207C, PW207D, PW207D1, PW207D2, PW207E,
PW207K

Compliance: CATEGORY 7

Summary: Leakage can occur between the fuel manifold and various flexible hose interfaces. To eliminate leakage, replace the fuel manifold with one that has redesigned nipples.



Jan 08/2024
Revision No. 2: Mar 05/2024

PW200-73-28411
Cover Sheet

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Mar 05/2024

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REVISION TRANSMITTAL SHEET
TURBOSHAFT ENGINE MODEL PW200

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PW200-73-28411, Rev. No. 2 dated Mar 05/2024 (P&WC S.B. No. 28411R2) FUEL MANIFOLD - 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 Destroy the superseded copy.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 revision is issued to:

- update the Engine Serial Numbers for PW206B3 engines in Para. 1.A., Effectivity,

EFFECT OF REVISION ON PRIOR ACCOMPLISHMENT:

None.

REVISION HISTORY:

Original Issue: Jan 08/2024

Revision No. 1: Feb 28/2024

Revision No. 2: Mar 05/2024

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TURBOSHAFT ENGINE
FUEL MANIFOLD - REPLACEMENT OF

1. Planning Information

A. Effectivity

PW206B (BS778) Engines which are before and include Serial No. PCE-BB0126, and Serial Numbers 207001 to 207999.

PW206B2 (BS1028, BS1170) Engines which are before and include Serial No. PCE-BJ1505.

PW206B3 (BS1313) Engines which are before and include Serial No. PCE-BR0268.

PW206C (BS847, BS1164, BS1296, BS1297) Engines which are before and include Serial No. PCE-BC1021, and Serial Numbers 208001 to 208999.

PW207C (BS1068, BS1166, BS1299, BS1300) Engines which are before and include Serial No. PCE-BH1131.

PW207D (BS993, BS1167) Engines which are before and include Serial No. PCE-BF0215.

PW207D1 (BS1215) Engines which are before and include Serial No. PCE-BL1093.

PW207D2 (BS1247, BS1281) Engines which are before and include Serial No. PCE-BN0032.

PW207E (BS1035, BS1168) Engines which are before and include Serial No. PCE-BG0194.

PW207K (BS1031, BS1169, BS1301, BS1302) Engines which are before and include Serial No. PCE-BK0386.

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

Leakage can occur between the fuel manifold and various flexible hose interfaces.

(2) Cause

The design of various fuel manifold nipples are not optimal.

(3) Solution

To eliminate leakage, replace the fuel manifold with one that has redesigned nipples.

D. Description

Replace the fuel manifold with a new one.

P&WC No. CO-0015389, ETI-0083224, ETI-0083466

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TURBOSHAFT ENGINE
FUEL MANIFOLD - REPLACEMENT OF

1. Planning Information (Cont'd)

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

Once you have access to the part, an estimate of 2.0 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 [3049725](#) (PW207E)

Illustrated Parts Catalog P/N [3039734](#) (PW206B)

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 [3049724](#) (PW207D)

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

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TURBOSHAFT ENGINE FUEL MANIFOLD - REPLACEMENT OF

1. Planning Information (Cont'd)

- Illustrated Parts Catalog P/N [3053374](#) (PW207K)
- Maintenance Manual P/N [3038324](#) (PW206A/206E/207E)
- Maintenance Manual P/N [3039732](#) (PW206B/206B2/206B3)
- Maintenance Manual P/N [3043322](#) (PW206C/207C)
- Maintenance Manual P/N [3043612](#) (PW207D)
- Maintenance Manual P/N [3071602](#) (PW207D1/207D2)
- Maintenance Manual P/N [3053372](#) (PW207K)
- Overhaul Manual P/N [3038325](#) (PW206A/206E/207E)
- Overhaul Manual P/N [3039733](#) (PW206B/206B2/206B3)
- Overhaul Manual P/N [3043323](#) (PW206C/207C)
- Overhaul Manual P/N [3043613](#) (PW207D)
- Overhaul Manual P/N [3071603](#) (PW207D1/207D2)
- Overhaul Manual P/N [3053373](#) (PW207K)

L. Publications Affected

- Illustrated Parts Catalog P/N [3049725](#) (PW207E)
- Illustrated Parts Catalog P/N [3039734](#) (PW206B)
- 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 [3049724](#) (PW207D)
- Illustrated Parts Catalog P/N [3071604](#) (PW207D1/207D2)
- Illustrated Parts Catalog P/N [3053374](#) (PW207K)

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TURBOSHAFT ENGINE FUEL MANIFOLD - REPLACEMENT OF

1. Planning Information (Cont'd)

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 - Price 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, 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 Dispositions</u>
3056066-02	Fuel Manifold	3056066-01	1	Quote	(A)(B)

(A) TWO WAY INTERCHANGEABLE (ATA200 Explanation Code 02): The old or the new parts 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

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3. Accomplishment Instructions

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

Ref. MM 73-11-40.

Ref. OHM 72-01-00.

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

Ref. MM 73-11-40.

Ref. OHM 72-01-00.

- C. Write the accomplishment of P&WC S.B. No. 28411 in the applicable engine module log book.

4. Appendix

Refer to Figure 1 for the PW206B parts progression.

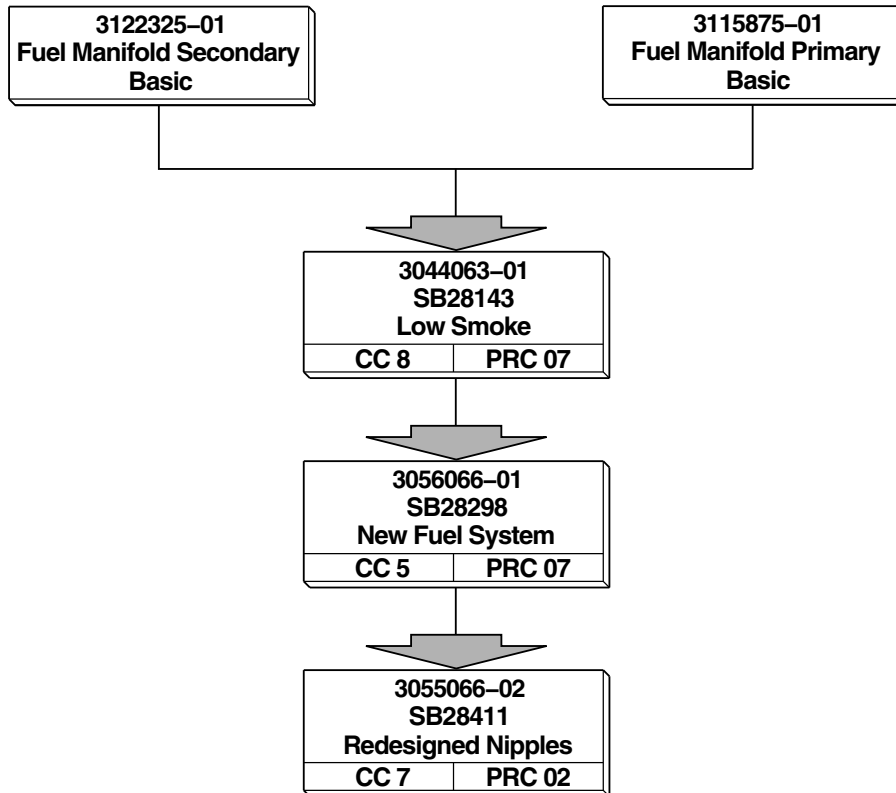
Refer to Figure 2 for the PW206C parts progression.

Refer to Figure 3 for the PW206B2, PW206B3, PW207C, PW207D, PW207D1, PW207D2, PW207E, PW207K parts progression.

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TURBOSHAFT ENGINE
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ICN-00198-G000137210-001-01

PW206B - Parts Progression
Figure 1

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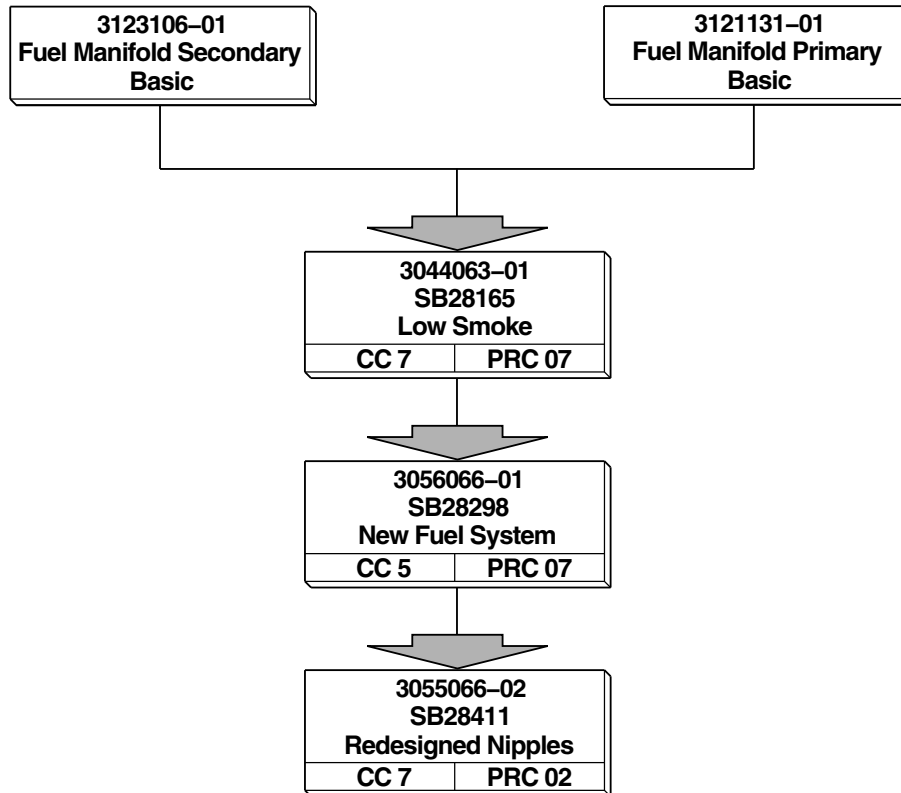
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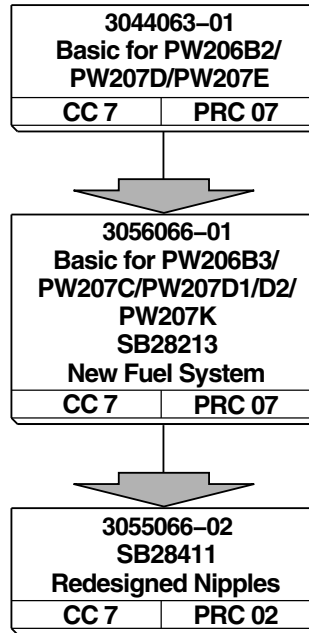
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PW206C - Parts Progression
Figure 2

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TURBOSHAFT ENGINE
FUEL MANIFOLD - REPLACEMENT OF



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PW206B2, PW206B3, PW207C, PW207D, PW207D1, PW207D2, PW207E, PW207K - Parts
Progression
Figure 3

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