

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28411R1

**BULLETIN INDEX LOCATOR**  
**73-11-40**

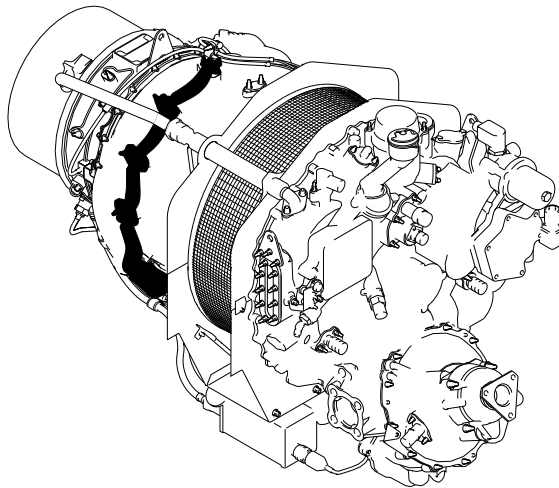
TURBOSHAFT ENGINE  
FUEL MANIFOLD - REPLACEMENT OF

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. 1: Feb 28/2024

**PW200-73-28411**  
Cover Sheet

24-Hour Global Service <b>CFIRST CENTRE</b> Toll free where available (SIL GEN-027)	USA & CANADA..... 1-800-268-8000 International ..... (IAC*)+8000-268-8000 * International Access Code	Other ..... 1-450-647-8000 Fax ..... 1-450-647-2888 Web Site ..... <a href="http://www.pwc.ca">www.pwc.ca</a>
---	---	---

WARNING - PROPRIETARY RIGHTS & EXPORT CONTROLS NOTICE

This bulletin contains proprietary information of Pratt & Whitney Canada Corp. ("P&WC"), which P&WC provides in confidence and solely for the purposes of supporting engine certification and providing applicable information regarding the proper use, maintenance, inspection, repair, servicing and parts application of P&WC products and services, as directed therein. Neither this bulletin nor any information in it may be disclosed to others, or used for any other purpose, including, without limitation, to design, create, develop, reproduce, manufacture or derive any design, part, product, material, process, modification, configuration change or repair, or obtain FAA or other government approval to do so. Possession and use of this bulletin is also subject to the restrictions set out in P&WC's Technical Data Agreement (a copy of which may be obtained by contacting P&WC Technical Publications). The contents of this bulletin may be subject to export control laws. Unauthorized export or re-export of the bulletin, or parts thereof, is prohibited. By accepting and possessing this bulletin, you agree to be bound by the foregoing terms.

If a Government agency or department intends to disclose any information, written notice should be given to:

VP - Legal Services, Pratt & Whitney Canada Corp., 1000 Marie-Victorin (01BE5), Longueuil, Quebec J4G 1A1.



Feb 28/2024

P&WC S.B. No. 28411R1

REVISION TRANSMITTAL SHEET  
TURBOSHAFT ENGINE MODEL PW200

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PW200-73-28411, Rev. No. 1 dated Feb 28/2024 (P&WC S.B. No. 28411R1) 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:

- include the PW207C model applicability in the title page,
- update the Engine Serial Numbers for PW206B2, PW206B3, PW207C, and PW207D1 engines in Para. 1.A., Effectivity,
- include the PW207C model in Para. 4, Appendix.

EFFECT OF REVISION ON PRIOR ACCOMPLISHMENT:

None.

REVISION HISTORY:

Original Issue: Jan 08/2024

Revision No. 1: Feb 28/2024

NOTE: Only changes to the technical content have a black bar in the margin



# PRATT & WHITNEY CANADA

# SERVICE BULLETIN

P&WC S.B. No. 28411R1

## 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-BR0271.

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

Jan 08/2024

Revision No. 1: Feb 28/2024

P&WC Proprietary Information. Subject to the restrictions on the back of the locator

© 2024 Pratt & Whitney Canada Corp.

PRINTED IN CANADA

**PW200-73-28411**

Page 1 of 8

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28411R1

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)

# PRATT & WHITNEY CANADA

# SERVICE BULLETIN

P&WC S.B. No. 28411R1

## 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)

# PRATT & WHITNEY CANADA SERVICE BULLETIN

P&WC S.B. No. 28411R1

## 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>
<a href="#">3056066-02</a>	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



PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28411R1

TURBOSHAFT ENGINE  
FUEL MANIFOLD - REPLACEMENT OF

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.

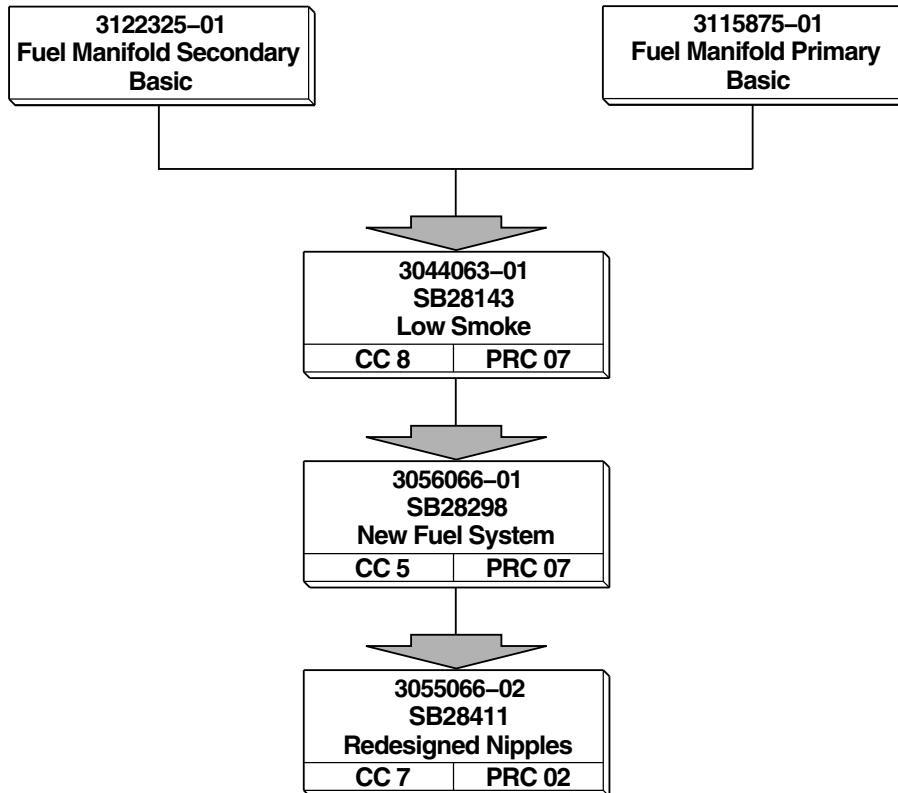
Refer to Figure 2 for the PW206C parts progression.

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

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28411R1

TURBOSHAFT ENGINE  
FUEL MANIFOLD - REPLACEMENT OF



ICN-00198-G000137210-001-01

PW206B - Parts Progression  
Figure 1

Jan 08/2024  
Revision No. 1: Feb 28/2024

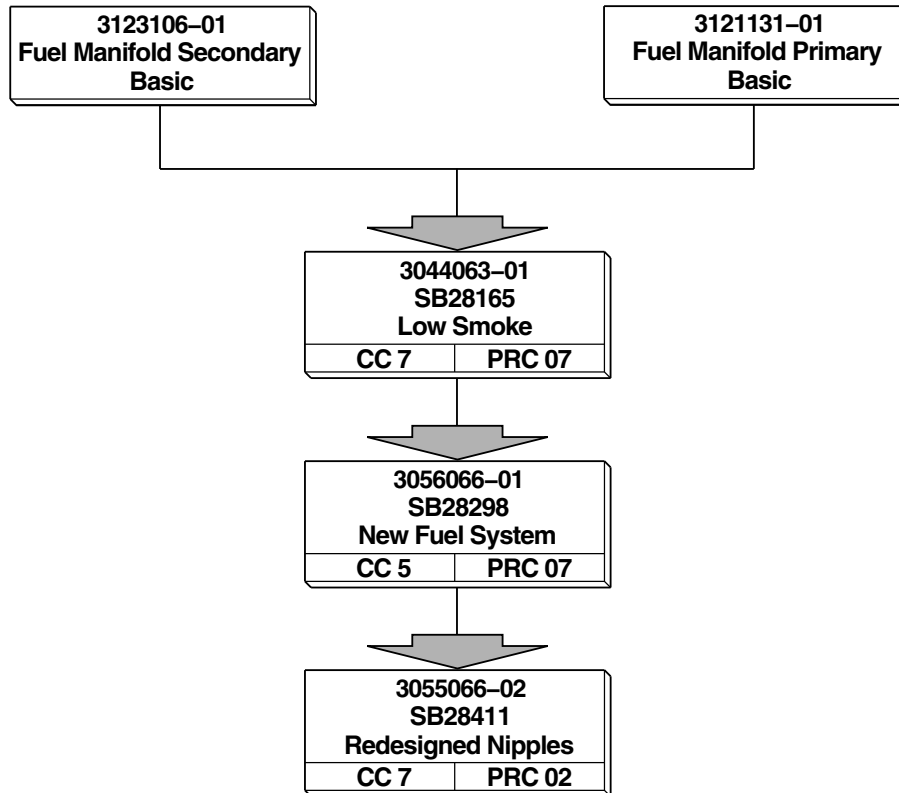
P&WC Proprietary Information. Subject to the restrictions on the back of the locator

**PW200-73-28411**  
Page 6 of 8

# PRATT & WHITNEY CANADA SERVICE BULLETIN

P&WC S.B. No. 28411R1

## TURBOSHAFT ENGINE FUEL MANIFOLD - REPLACEMENT OF



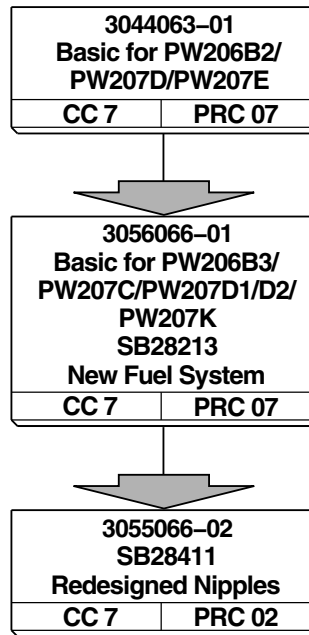
ICN-00198-G000137211-001-01

PW206C - Parts Progression  
Figure 2

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28411R1

TURBOSHAFT ENGINE  
FUEL MANIFOLD - REPLACEMENT OF



ICN-00198-G000137213-001-01

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

Jan 08/2024  
Revision No. 1: Feb 28/2024

P&WC Proprietary Information. Subject to the restrictions on the back of the locator

**PW200-73-28411**  
Page 8 of 8