

PRATT & WHITNEY CANADA  
**SERVICE BULLETIN**

P&WC S.B. No. 28411

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

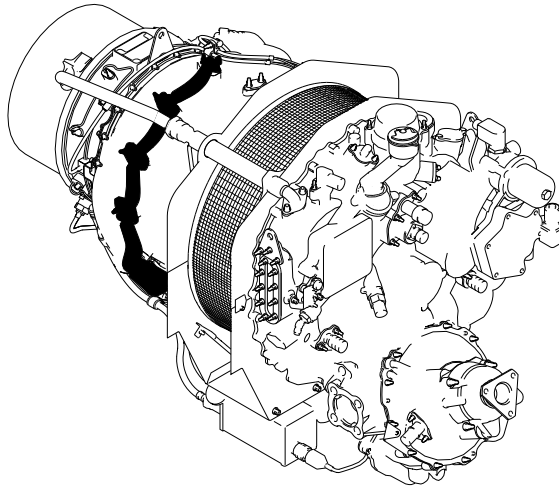
TURBOSHAFT ENGINE  
FUEL MANIFOLD - REPLACEMENT OF

MODEL APPLICATION

PW206B, PW206B2, PW206B3, PW206C, 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.



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Cover Sheet

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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.

PW206B3 (BS1313) Engines.

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.

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

PW207D1 (BS1215) Engines which are before and include Serial No. PCE-BL1099.

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.

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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>
<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

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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.

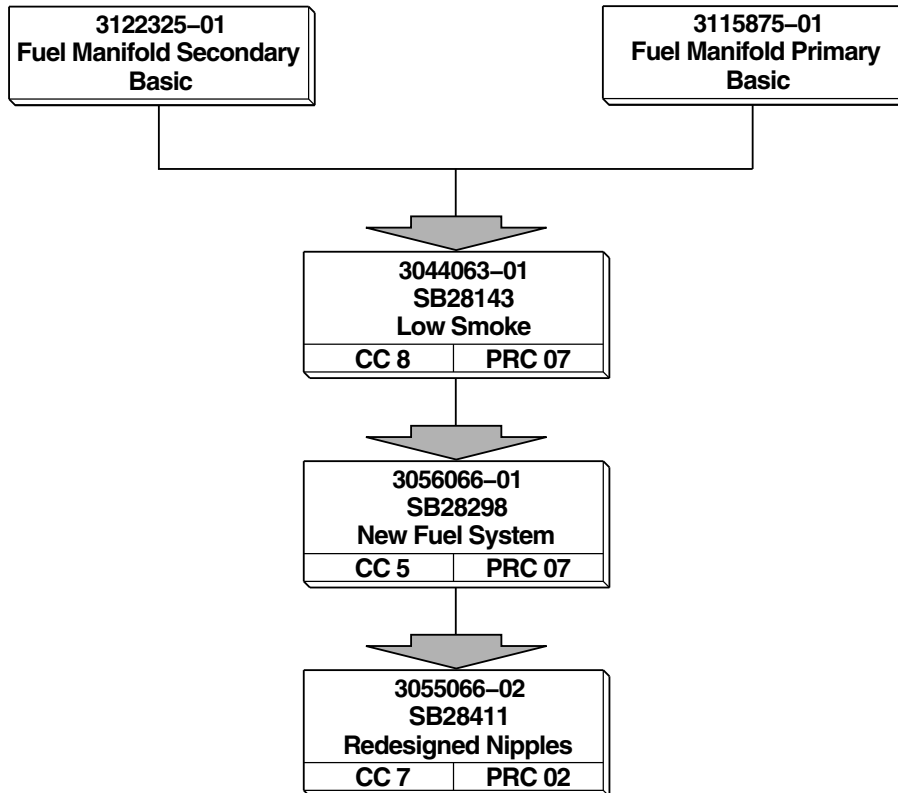
Refer to Figure 2 for the PW206C parts progression.

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

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PW206B - Parts Progression  
Figure 1

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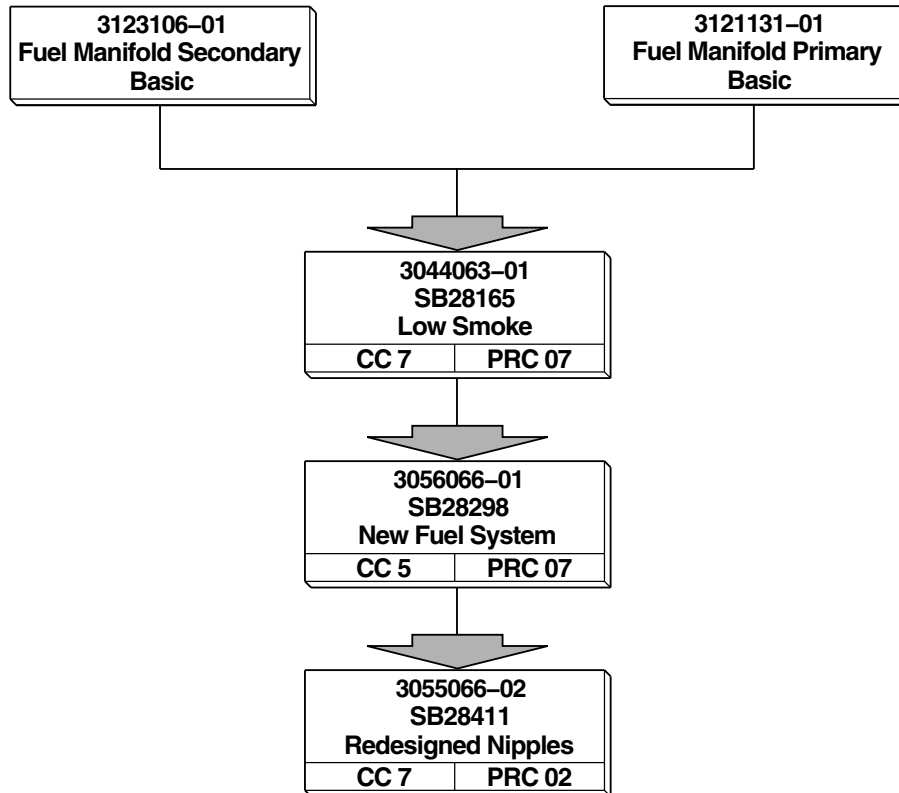
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PW206C - Parts Progression  
Figure 2

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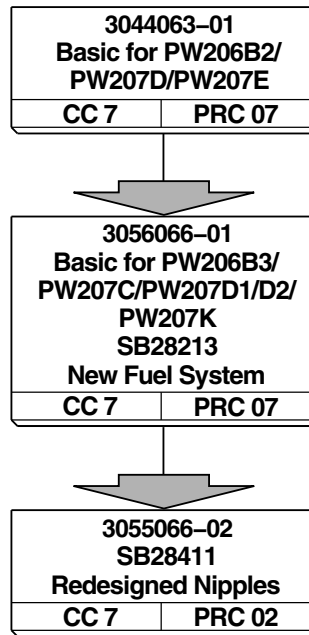
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PW206B2, PW206B3, PW207D, PW207D1, PW207D2, PW207E, PW207K - Parts Progression  
Figure 3

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