

**AIROD****DISCREPANCY REPORT**

AIRCRAFT TYPE: A107E REG. NO: 9M-888 DR. NO: 1862/888
 SOURCE REFERENCE: PWNC SB NO. 28372R4 DTD 11.12.17
 DATE RAISED: 10.01.18 CHECK TYPE: WORK ORDER (JCN): LEADER

A/F HRS	<u>3145-10</u>	NO.1 ENG	<u>3145-10</u>	(TSN/FSN)	NO.2 ENG	<u>2348.60</u>	(TSN/FSN)
---------	----------------	----------	----------------	-----------	----------	----------------	-----------

DISCREPANCY - PWNC SB NO. 28372R4 DTD 11.12.17 (CAT 3): FMM, MODE SELECT SOLENOID (ASS) - SEALING ASS CAVITY WITH RTV (ATTACHED)


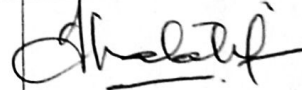

RAISED BY: MOHD SHAZALIE RAMLI SIGN & STAMP:  DATE: 10.01.18



DISPOSITION
TO CARRY OUT PWNC SB NO 28372R4 COMPLIANCE WITH

SIGN:  STAMP:  DATE: 10.01.18.

MHP:	MHA:	CUST. APP. SIGNATURE:	MATERIAL COST:
------	------	-----------------------	----------------

CORRECTIVE ACTION	MECH	LAE/AH & DATE
<u>PWNC SB NO 28372R4 DTD 11.12.17 (CAT 3) C/OUT AND COMPLETED ON BOTH FMM NO 1 AND NO. 2 ENGS AND FOUND</u> <u>FOUND: SATISFACTORY!</u>		  <u>10.01.2018.</u>

COMPONENT/ PART CHANGE					
PART NO.	DESCRIPTION	S/NO. ON	S/NO. OFF	QTY.	BATCH NO.
<u>3045896-05</u>	<u>FUEL MANAGEMENT MODULE</u>	<u>13289796</u>	<u>(NO.1 ENG)</u>		<u>RE-200359</u>
<u>8063-863-01</u>	<u>FMM</u>	<u>13289607</u>	<u>(NO.2 ENG)</u>		<u>RE-200358</u>

DUPLICATE / RII / CRITICAL TASK
N/A First Insp. Sign / Stamp / Date
N/A Second Insp. Sign / Stamp / Date

The work recorded above has been carried out in accordance with the requirements of the CAR 16 for the time being in force and in that respect, the aircraft / equipment is considered fit for release to service.

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



Pratt & Whitney Canada

A United Technologies Company

11 December 2017

P&WC S.B. No. 28372R4

REVISION TRANSMITTAL SHEET
TURBOSHAFT ENGINE MODEL PW200

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PW200-72-28372, Rev. No. 4, dated Dec 11/2017 (P&WC S.B. No. 28372R4) FUEL MANAGEMENT MODULE, MODE SELECT SOLENOID (MSS) - SEALING MSS CAVITY WITH RTV

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 Destroy the superseded copy.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 correct the effectivity statement to add P/N 8063-856 and P/N 8063-1020 for PW206B3 engine in Para. 1.A., Effectivity.

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: Feb 09/2016
Revision No. 1: Apr 14/2016
Revision No. 2: Sep 09/2016
Revision No. 3: Oct 05/2017
Revision No. 4: Dec 11/2017

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 28372R4

BULLETIN INDEX LOCATOR

TURBOSHAFT ENGINE
FUEL MANAGEMENT MODULE, MODE SELECT SOLENOID (MSS) - SEALING MSS CAVITY
WITH RTV

MODEL APPLICATION

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

Compliance: CATEGORY 3

Summary: Field experience has shown that corrosion can occur in the Mode Select Solenoid (MSS) because there is a path for fluids to reach the internal MSS electrical compartment. Apply RTV sealant to seal the path to the MSS.

Feb 09/2016
Revision No. 4: Dec 11/2017

PW200-72-28372
Cover Sheet

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

0. 28372R4

PRATT & WHITNEY CANADA SERVICE BULLETIN

P&WC S.B. No. 28372R4

TURBOSHAFT ENGINE FUEL MANAGEMENT MODULE, MODE SELECT SOLENOID (MSS) - SEALING MSS CAVITY WITH RTV

1. Planning Information

A. Effectivity

Engines PW206B with Fuel Management Module (FMM) 8063-136, 8063-162, 8063-166, 8063-169, 8063-176, 8063-177, 8063-860, 8063-861, 8063-862 and 8063-865.

Engines PW206B2 with Fuel Management Module (FMM) 8063-853, 8063-856 and 8063-1020.

Engines PW206B3 with Fuel Management Module (FMM) 8063-856, 8063-1020.

✓ Engines PW206C with Fuel Management Module (FMM) 8063-167, 8063-182, 8063-189, 8063-190, 8063-191, 8063-192, 8063-863, 8063-866 and 8063-1024.

Engines PW207C with Fuel Management Module (FMM) 8063-857 and 8063-1029.

Engines PW207D with Fuel Management Module (FMM) 8063-194, 8063-851 and 8063-1034.

Engines PW207D1 with Fuel Management Module (FMM) 8063-867 and 8063-1035.

Engines PW207D2 with Fuel Management Module (FMM) 8063-1035.

Engines PW207K with Fuel Management Module (FMM) 8063-858 and 8063-1037.

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

P&WC S.B. No. 28372 is superseded by P&WC S.B. No. 70019 for engine model PW207D2M.

C. Reason

(1) Problem

Field experience has shown that corrosion can occur in the Mode Select Solenoid (MSS). The reason is because there is a path for fluids to reach the internal MSS electrical compartment.

(2) Cause

The current MSS gasket is not optimized leaving a path for external fluids to reach the internal MSS electrical components.

(3) Solution

Apply RTV sealant to seal the path to the MSS.

D. Description

Clean and degrease the cavity under the Fuel Management Module (FMM) nameplate, apply RTV sealant to MSS cavity to seal the leakage path and re-identify the FMM.

P&WC No. DCR33856, DCR35487, EC-0003332

Feb 09/2016

Revision No. 4: Dec 11/2017

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

The export control classification with respect to this document is contained on the back of the locator.

© 2016 Pratt & Whitney Canada Corp.
PRINTED IN CANADA

PW200-72-28372

Page 1 of 8

PRATT & WHITNEY CANADA SERVICE BULLETIN

P&WC S.B. No. 28372R4

TURBOSHAFT ENGINE FUEL MANAGEMENT MODULE, MODE SELECT SOLENOID (MSS) - SEALING MSS CAVITY WITH RTV

1. Planning Information (Cont'd)

E. Compliance

CATEGORY 3 - For operators flying regularly over salt water or in a very humid environment (Tropical Climate), it is recommended to complete this SB within 150 flight hours from receipt of revision 3 of this service bulletin.

CATEGORY 3 - For all other operators, it is recommended to complete this SB within 600 flight hours from receipt of revision 3 of this service bulletin.

F. Approval

D.A.A. approved

G. Manpower

Once you have access to the part, an estimate of 1.0 man-hours is required to include this service bulletin at maintenance.

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

H. Weight and Balance

None.

I. Electrical Load Data

Not changed.

J. Software Accomplishment Summary

Not applicable.

K. References

Woodward, Inc. Component Maintenance Manual 73-20-14 (WG 60090), 73-20-15 (WG 60093), 73-20-21 (WG 60103), 73-20-33 (WG 60194), 73-20-34 (WG 60195) and 73-20-35 (WG 60197)
Woodward SB 83092-73-016

L. Publications Affected

None.

M. Interchangeability and Intermixability of Parts

Not applicable.

Feb 09/2016

Revision No. 4: Dec 11/2017

P&WC Proprietary Information. Subject to the restrictions on the back of the locator
The export control classification with respect to this document is contained on the back of the locator.

PW200-72-28372
Page 2 of 8