

PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 41119R5

BULLETIN INDEX LOCATOR
74-10-00

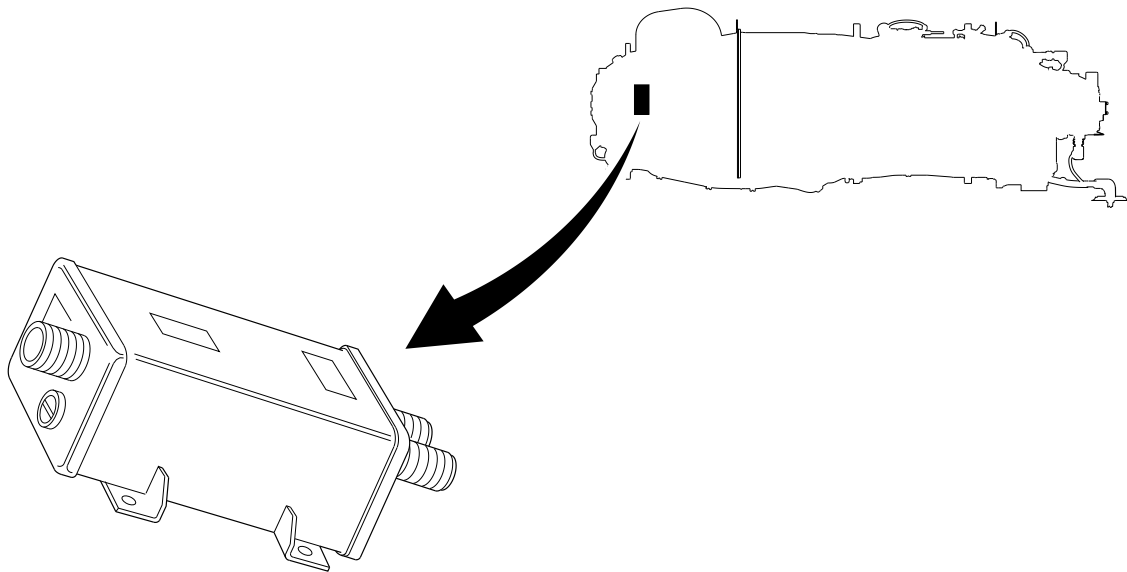
TURBOSHAFT ENGINE
IGNITION EXCITER - REPLACEMENT OF

MODEL APPLICATION

PT6C-67C

Compliance: CATEGORY 7

Summary: The ignition exciter spider switch is no longer available due to obsolescence. Replace the ignition exciter with one that has an available spider switch.



Feb 11/2021
Revision No. 5: Jun 07/2023

PT6C-74-41119
Cover Sheet

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Jun 07/2023

P&WC S.B. No. 41119R5

REVISION TRANSMITTAL SHEET
TURBOSHAFT ENGINE MODEL PT6C

SUBJECT: Pratt & Whitney Canada Service Bulletin No. PT6C-74-41119, Rev. No. 5 dated Jun 07/2023 (P&WC S.B. No. 41119R5) IGNITION EXCITER - 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 Destroy the superseded copy.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:

- remove the PT6C-67C1 engine model from this service bulletin. The new ignition exciter P/N 3043937-09 is basic to the PT6C-67C1 engine model.

EFFECT OF REVISION ON PRIOR ACCOMPLISHMENT:

None.

REVISION HISTORY:

Original Issue: Feb 11/2021

Revision No. 1: Apr 27/2021

Revision No. 2: May 18/2021

Revision No. 3: May 26/2021

Revision No. 4: Jun 25/2021

Revision No. 5: Jun 07/2023

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TURBOSHAFT ENGINE
IGNITION EXCITER - REPLACEMENT OF

1. Planning Information

A. Effectivity

PT6C-67C (BS963, BS1019) Engines which are before and include Serial No. PCE-KB2540 including KB2549 to KB2552, KB2553, KB2561, KB2562, KB2564, KB2566, KB2568, KB2570, KB2571, KB2572 and KB2575.

Deleted.

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

The ignition exciter spider switch is no longer available.

(2) Cause

The ignition exciter spider switch has been obsoleted.

(3) Solution

Replace the ignition exciter with one that has an available spider switch.

D. Description

Replace the ignition exciter with a new one.

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.

P&WC No. CO-0010439, CO-0010811, EC-0080433

Feb 11/2021
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TURBOSHAFT ENGINE
IGNITION EXCITER - REPLACEMENT OF

1. Planning Information (Cont'd)

G. Manpower

Once you have access to the part, an estimate of 1.0 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 [3045334](#) (PT6C-67C/C1)

Maintenance Manual P/N [3045332](#) (PT6C-67C/C1)

Overhaul Manual P/N [3045333](#) (PT6C-67C/C1)

Champion SBCH92106-74-003

L. Publications Affected

Illustrated Parts Catalog P/N [3045334](#) (PT6C-67C/C1)

Champion CMM 74-11-05

M. Interchangeability and Intermixability of Parts

Interchangeability - Refer to Para. 2.C.

Intermixability - Not changed.

2. Material Information

A. Industry Support Information

Not applicable.

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TURBOSHAFT ENGINE IGNITION EXCITER - REPLACEMENT OF

2. Material Information (Cont'd)

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 \$15794.00 (US, 2023).

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, 2023)</u>	<u>Instructions Dispositions</u>
	Ignition Exciter (0AFL4) P&WC P/N 3043937-07	CH92106-2	1		(A)(B)
CH92106-4	Ignition Exciter (0AFL4) P&WC P/N 3043937-09		1	15794.00	(A)

(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

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 74-10-00.
- Ref. OHM 74-10-00.

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:

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3. Accomplishment Instructions (Cont'd)

- Ref. MM 74-10-00.
- Ref. OHM 74-10-00.

C. Record the accomplishment of P&WC SB41119 in the engine module log book.

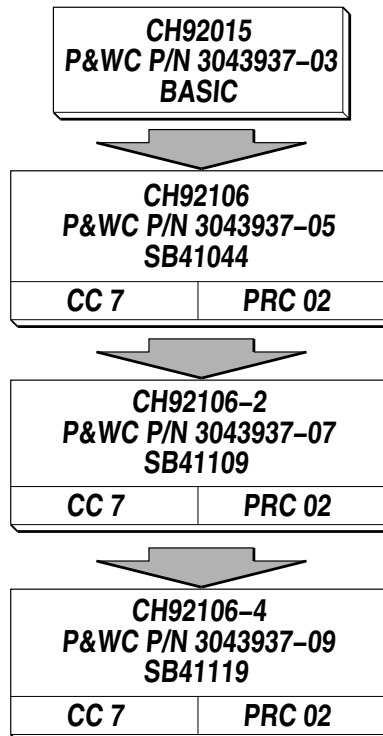
4. Appendix

None.

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TURBOSHAFT ENGINE
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ICN-00198-G000042847-001-01

Ignition Exciter - Part Progression
Figure 1