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SERVICE BULLETIN

ENGINE - FUEL SYSTEM - Replacement of Pneumatic Controls (PC) Filter, PN 4-301-176-01, and Inspection of PC System Filter Used on LTP101 and LTS101 Engine Models

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NOTICE: This is a CATEGORY 1, SAFETY service bulletin.

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Transmittal Information

Publication Number LT 101-73-10-0278

Summary

This revision is a FULL replacement. This revision includes the changes that follow:

- Added engine support centers.

The information that is identified with revision bars is listed in the Revision History section. Revision bars are not used before Paragraph 1.A. The editorial changes and information that was moved, removed, or reformatted are not identified with revision bars.

Refer to Paragraph 1.N. for a list of the acronyms and abbreviations used in this service bulletin.

Revision History

This service bulletin has had one revision(s) as shown in Table 1.

Table 1. Revision History

Revision Number	Revision Date
0	8 Dec 2015
1	2 Feb 2016

Highlights

This section issues Revision 1 to Service Bulletin, ATA Number LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2-00-0000 (Publication Number LT 101-73-10-0278), and contains these changes:

The list of highlights tells the users about the changes that the revision makes. The list has three columns. The "Page" column shows the block of data that the revision changes and the page on which the block begins. The block can be a section, subsection, graphic, table, etc. Revision marks give the location of the change in the block. The "Description" column tells the user about the change or changes in each block. A paragraph, table, or figure reference often comes before the description. The "Effectivity" column tells the user about the part number(s) to which the block of information applies. The default value for this column is "All." "All" means that the block applies to all parts.

Page	Description	Effectivity
9	Paragraph 2.A.(1). Changed exchange fuel control to PC filter.	All
9	Paragraph 2.A.(1). Table 5. Added contact information for Airwork NZ, Honeywell Aerospace Services, Intermountain Turbine Services, and Motorflug GmbH.	All
9	Paragraph 2.A.(1). Table 5. Added Kawasaki Heavy Industries and Piaggio Aero Industries with contact information.	All

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1. Planning Information

A. Effectivity

- (1) This is a CATEGORY 1, SAFETY service bulletin.

NOTE: CATEGORY 1 service bulletins address safety issues. Typically, they require urgent action and are often, but not always, referred to by an FAA Airworthiness Directive. Category 1 service bulletins may be issued as an ALERT service bulletin when immediate attention is required. ALERT service bulletins are printed on light blue paper. The compliance schedule stated in this service bulletin provides a reasonable reduction in risk while minimizing engine downtime.

- (2) This service bulletin is applicable to the engine models in Table 2.

Table 2. Applicable Engine(s)

PN	Engine Model Number	Serial Number	Application
4-003-000-05	LTP101-600A-1A	All	Page, Thrush; Air Tractor AT-302; Piaggio P166-DL3; Riley International R421
4-003-000-04	LTP101-700A-1A	All	Piaggio P166-DL3; Pacific Aero 08-600
4-001-000-16	LTS101-600A-2	All	AS350
4-001-000-26	LTS101-600A-3	All	AS350
4-001-000-31	LTS101-600A-3A	All	AS350
4-001-000-39	LTS101-600A-3A	All	AS350
4-001-000-12	LTS101-650B-1	All	BK117
4-002-000-05	LTS101-650C-3	All	Bell 222
4-002-000-07	LTS101-650C-3A	All	Bell 222
4-001-000-33	LTS101-700D-2	All	AS350
4-001-000-40	LTS101-700D-2	All	AS350
4-001-000-43	LTS101-700D-2	All	AC311
4-001-000-25	LTS101-750B-1	All	BK117
4-002-000-06	LTS101-750C-1	All	Bell 222
4-001-000-42	LTS101-850B-2	All	BK117

B. Concurrent Requirements

- (1) Not applicable.

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C. Reason

- (1) To require inspection of the PC filter for cracks which could cause air leakage. Pneumatic air leakage may result in engine power loss or limit engine power.
- (2) A recent loss of pneumatic air pressure to the engine fuel system was likely caused by high strain fatigue cracking of the PC filter inlet fitting. The possibility of this type of failure occurring is significantly reduced by using a backup wrench on the associated fitting, while torquing the pneumatic tubing B nuts.

D. Description

- (1) This service bulletin recommends specific part number PC filters to be removed from service.
- (2) This service bulletin provides instruction to perform PC filter fitting crack inspection; provides torquing instructions for the PC filter pneumatic tubing B nuts and requires use of a backup wrench on the attachment fittings while torquing the B nut and perform a pneumatic leak check.

E. Compliance

WARNING: FAILURE TO COMPLY WITH THIS SERVICE BULLETIN COULD RESULT IN AN ENGINE POWER LOSS AND COULD RESULT IN SERIOUS INJURY OR DEATH TO PERSONNEL AND DAMAGE TO THE AIRCRAFT.

- (1) Compliance addresses a safety issue. Compliance is recommended.
- (2) PC filters, PN 4-301-176-01, are no longer recommended for usage and should be removed from service within the next 150 hour inspection or within 1 year after receipt of this bulletin, whichever comes first.
- (3) Perform PC filter inspection at next 150 hour inspection or within 1 year after receipt of this service bulletin, whichever comes first, and at each subsequent periodic 150 hour engine inspection interval. Remove PC filters and inspect using magnification, at the PC filter attachment fitting radius for crack indications.
- (4) All used spare PC filters must comply with this service bulletin prior to installation on to the engine.
- (5) New or used spare PC filters, PN 4-301-176-01, are no longer recommended for usage.

F. Approval

- (1) The accomplishment instructions are FAA approved.

G. Manpower

- (1) The time estimate to do this service bulletin is 1.0 manhour(s).

H. Weight and Balance

- (1) None.

I. Electrical Load Data

- (1) Not applicable.

J. Software Accomplishment Summary

- (1) Not applicable.

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K. References

- (1) Publications.
 - (a) The Honeywell publication(s) used to do this service bulletin is/are given in Table 3.

Table 3. Honeywell Publication(s)

	Engine Maintenance Manual		Overhaul Manual		Illustrated Parts Catalog	
Model Number	ATA Number	Revision	ATA Number	Revision	ATA Number	Revision
LTS101-600A-2	LTS101-2.1	18	LTS101-3	3	LTS101-4.1	4
LTS101-600A-3	LTS101-2.1	18	LTS101-3	3	LTS101-4.1	4
LTS101-600A-3A	LTS101-2.1	18	LTS101-3	3	LTS101-4.9	4
LTS101-650B-1	LTS101-2.3	15	LTS101-3	3	LTS101-4.7	4
LTS101-650C-3	LTS101-2.2	13	LTS101-3	3	LTS101-4.2	4
LTS101-650C-3A	LTS101-2.2	13	LTS101-3	3	LTS101-4.2	4
LTS101-700D-2	LTS101-2.1	18	LTS101-3	3	LTS101-4.9	4
LTS101-750B-1	LTS101-2.4	21	LTS101-3	3	LTS101-4.8	5
LTS101-750C-1	LTS101-2.2	13	LTS101-3	3	LTS101-4.4	4
LTS101-850B-2	LTS101-2.4	21	LTS101-3	3	LTS101-4.10	0
LTP101-600A-1A	LTP101-2	12	LTP101-3	1	LTP101-4	3
LTP101-700A-1A	LTP101-2	12	LTP101-3	1	LTP101-4	3

NOTE: Unless specified differently, you can use subsequent revisions.

L. Other Publications Affected

- (1) Not applicable.

M. Interchangeability or Intermixability of Parts

- (1) Not applicable.

N. Acronyms and Abbreviations

- (1) Refer to Table 4 for a list of the acronyms and abbreviations used in this service bulletin.

Table 4. Acronyms and Abbreviations

Term	Full Term
ATA	Air Transport Association
Attn	attention
CAGE	commercial and government entity
ECCN	Export Control Classification Number
FAA	Federal Aviation Administration

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Table 4. Acronyms and Abbreviations (Cont)

Term	Full Term
in-lb	inch-pounds
kPa	kilopascal
Nm	Newton meter
OSHA	Occupational Safety and Health Administration
PC	pneumatic controls
PN	part number
PSI	pounds per square inch
Py	pressure control valve output pressure
Qty	quantity
SFAR	Special Federal Aviation Regulation

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2. Material Information

A. Material - Price and Availability

- (1) Contact Honeywell Engines Authorized Service Centers for price and availability of PC filter. (Refer to Table 5.)

Table 5. LT 101 Engine Support Centers

Service Center Airwork NZ Ardmore Airfield PO Box 516 Papakura, New Zealand Attn: Lars Kroonenberg Tel: 64-9-295-2100 Fax: 64-9-295-2101 Email: larsk@airwork.co.nz	Maintenance Center Times Aerospace Korea, LLC Engineering Div. Gimpo Aerospace Industrial Complex Daebuk-Ri, Daegot-Myun, Gimpo-Si, Gyeonggi-Do, Korea 415-850 Attn: LTS101 Program Manager Tel: 82-31-999-2446 Fax: 82-31-999-2510	Service Center Kawasaki Heavy Industries Gas Turbine Division 1-1 Kawasaki-Cho Akashi-Shi, 673-8666, Japan Attn: Mr. Masatoshi Koshimae Tel: 81-78921-1515 Fax: 81-78923-6541 Email: matsushita_tadashi @KHI.co.jp	Service Center Piaggio Aero Industries Attn: Emilio Gravano Engineering & Product Support Viale R. Piaggio 3, 17024 Finale Ligure Savona, Italy Tel: 39-010-6488370 Email: egravano@piaggioaero.it
Service Center Honeywell Aerospace Services Greer Repair and Overhaul 85 Beeco Road Greer, SC 29650, USA Attn: Brandon Cromer USA/Canada Tel: 1-864-801-2200 Email: Brandon.Cromer @Honeywell.com or Repairs@Honeywell.com or Quotes@Honeywell.com	Service Center Intermountain Turbine Services 270 South 1060 West Lindon, UT 84042 Attn: Darryl Christensen Tel: 801-785-9898 Fax: 801-785-9393 Email: darryl@ intermountainturbine.com	Service Center Motorflug GmbH PO Box 2080 76490 Baden-Baden, Germany Attn: Mr. Joerg Wagner Tel: 49-7229-3014-17 Fax: 49-7229-3014-18 Email: joerg.wagner @motorflug.com	

B. Industry Support Information

- (1) Refer to Honeywell Aerospace Technical Services Contacts for any questions regarding this service bulletin. Refer to Table 6.

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Table 6. LT101 Customer Support Contact Information

Name	Title	Phone and Pager	Fax and Cell Number	Location	Email Address
Aerospace Technical Support	24 Hour Customer Access Center Spares Support/Technical Assistance	1-855-808-6500 (US/CAN) Option 2 for Mechanical inquiries 1-602-365-6500 (International) Option 2 for Mechanical inquiries	602-365-3343 (Fax)	Phoenix, Arizona	Aerotechsupport@honeywell.com

C. Material Necessary for Each Engine

- (1) Refer to Table 7 for material to be purchased and to Table 8 for the Instructions/Disposition Codes.

Table 7. Operator-Purchased Material

PN	Keyword/ Nomenclature	Engine Model Number	Qty	Unit Price ¹	Instructions/ Disposition Codes
4-301-229-01	PC filter	All	1		T
4-301-229-02	PC filter	All	1		T

NOTE:

1. Refer to Paragraph 2.A. for information regarding price and availability of parts.

Table 8. Instructions/Disposition Codes

Code	Description
Disposition Code T	Discard PC filter, PN 4-301-176-01, in accordance with your company's policies

- (2) Material(s) supplied by operator is/are given in Table 9.

Table 9. Materials

Number	Description	Source
NOTE: You can use equivalent alternative materials unless specified differently. The user must find equivalent alternatives.		
	calibrated pressure gage (of at least 100 to 120 PSI (689 to 827 kPa))	commercially available
	10x magnifying glass	commercially available

D. Material Necessary for Each Spare

- (1) Not applicable.

E. Reidentified Parts

- (1) Not applicable.

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F. Tooling - Price and Availability

(1) Not applicable.

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3. Accomplishment Instructions

A. General Information

- (1) The manual(s) given in Paragraph 1.K. of this service bulletin contain the disassembly, cleaning, check, assembly, and test instructions. This/These manual(s) must be used to complete this service bulletin.

NOTE: To obtain satisfactory results, procedures in this service bulletin must be accomplished in accordance with accepted industry maintenance practices and prevailing government regulations. Honeywell is not responsible for the quality of work performed in complying with this service bulletin unless Honeywell performs such work. Such responsibility rests with the entity performing the work and the owner or operator. Refer to the instructions found in the applicable manuals in Paragraph 1.K.

B. Inspect, Install, and Perform a Pneumatic Leak Check of PC Filter and Associated Pneumatic Lines (Tubes).

NOTE: Refer to the applicable manuals in Paragraph 1.K. for detailed instructions when performing the following procedures.

- (1) **Inspect PC filter part number and PC housing assembly fittings for cracks.**

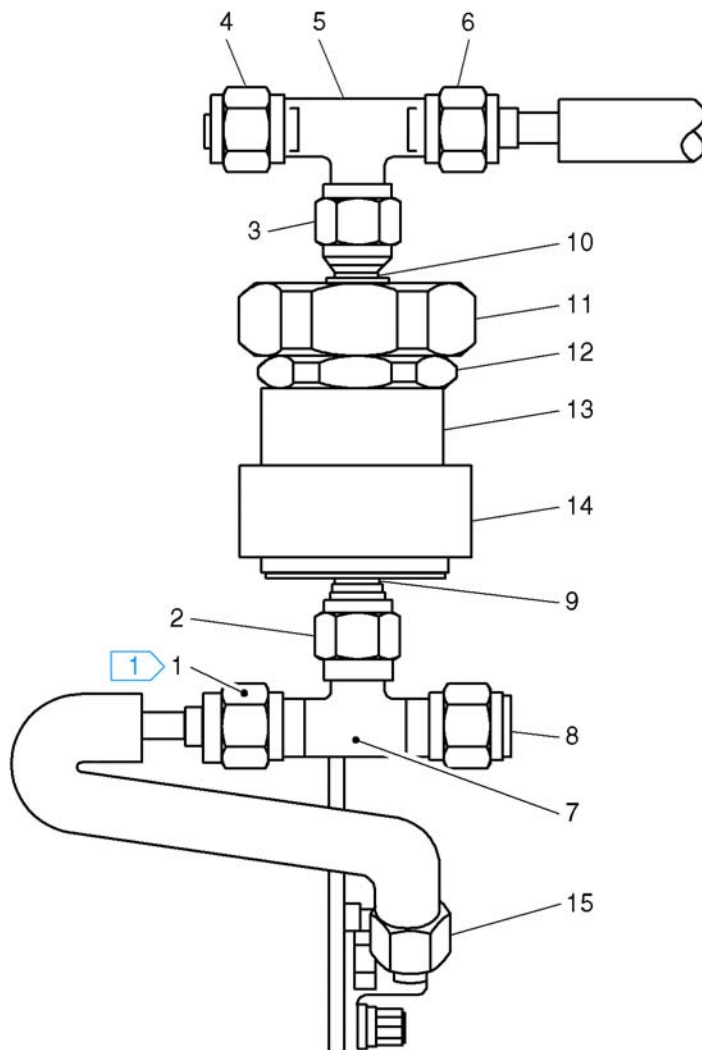
NOTE: Refer to Figure 1 thru Figure 4 for the applicable engine model being inspected when performing the procedures that follow.

- (a) Disconnect tube (line) assembly B nut (1) while restraining tee fitting wrenching surface (7) with a backup wrench (Figure 6). The backup wrench prevents introducing a bending moment on the PC filter inlet fitting.
- (b) Disconnect tube assembly B nut (6, Figure 1 through Figure 4) while restraining tee fitting wrenching surface (5) with a backup wrench.
- (c) Remove bolt (16, not shown in all illustrations), retaining clamp (14) and remove PC filter (13).
- (d) Remove tee fitting B nut (2) while restraining PC filter wrenching surface (12) with a backup wrench.
- (e) Remove swivel tee or elbow fitting B nut (3) while restraining PC filter wrenching surface (11) with a backup wrench.
- (f) Determine PC filter part number. If it is PC filter, PN 4-301-176-01, it must be replaced with PC filter, PN 4-301-229-01 or PN 4-301-229-02.

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NOTE:

1 All B nuts on tubes, caps and B nuts on swivel fittings shall be torqued to 135 to 150 in-lb (15.3 to 16.9 Nm) while utilizing a backup wrench on the static fitting.

ID-565844

Figure 1. (Sheet 1 of 1) PC Filter Assembly (LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-700D-2)

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Key for Figure 1 (Sheet 1 of 1)

1	TUBE B NUT	9	PC FILTER FITTING INLET TO FILTER HOUSING RADIUS
2	SWIVEL TEE B NUT	10	PC FILTER FITTING OUTLET TO FILTER HOUSING RADIUS
3	SWIVEL TEE B NUT	11	PC FILTER CAP
4	CAP	12	PC FILTER BODY
5	SWIVEL TEE	13	PC FILTER ASSEMBLY
6	TUBE B NUT	14	CLAMP
7	SWIVEL TEE FITTING	15	TUBE B NUT
8	CAP	16 ¹	BOLT (TORQUE 130 TO 145 IN-LB (14.7 TO 16.4 NM))

NOTE:

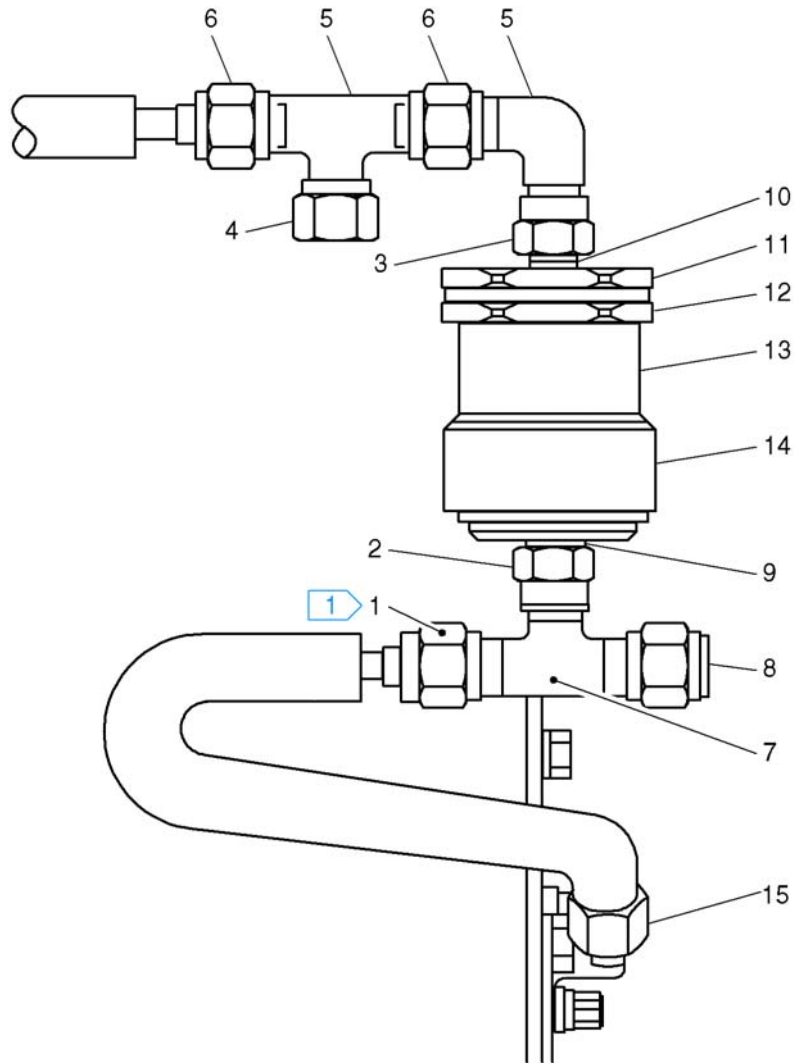
1. NOT SHOWN, REFER TO FIGURE 3

- (g) If a new un-used PC filter, PN 4-301-229-01 or PN 4-301-229-02, is to be installed on the engine, proceed to Paragraph 3.B.(2).
- (h) Inspect used PC filter, PN 4-301-229-01 or PN 4-301-229-02, for bending and cracking at the radius of fittings to the PC filter body (9, 10, Figure 5).
 - 1 Visually inspect the fittings to the PC filter body for any signs of bending or distortion of the fittings to center line of the PC filter. No bending or distortion is allowed. If bending or distortion is found, replace the PC filter.
 - 2 Using a bright light and 10x magnifying glass visually inspect the radius of fittings to the PC filter body (9, 10, Figure 5). No cracks are allowed. If cracks are found, replace the PC filter.
- (i) Inspect and clean all removed pneumatic lines and tee fittings.

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NOTE:

- 1 All B nuts on tubes, caps and B nuts on swivel fittings shall be torqued to 135 to 150 in-lb (15.3 to 16.9 Nm) while utilizing a backup wrench on the static fitting.

ID-565845

Figure 2. (Sheet 1 of 1) PC Filter Assembly (LTS101-650C-3, LTS101-650C-3A, LTS101-750C-1)

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Key for Figure 2 (Sheet 1 of 1)

1	TUBE B NUT	9	PC FILTER FITTING INLET TO FILTER HOUSING RADIUS
2	SWIVEL TEE B NUT	10	PC FILTER FITTING OUTLET TO FILTER HOUSING RADIUS
3	SWIVEL TEE B NUT	11	PC FILTER CAP
4	CAP	12	PC FILTER BODY
5	SWIVEL TEE / ELBOW FITTING	13	PC FILTER ASSEMBLY
6	TUBE B NUT	14	CLAMP
7	SWIVEL TEE FITTING	15	TUBE B NUT
8	CAP	16 ¹	BOLT (TORQUE 130 TO 145 IN-LB (14.7 TO 16.4 NM))

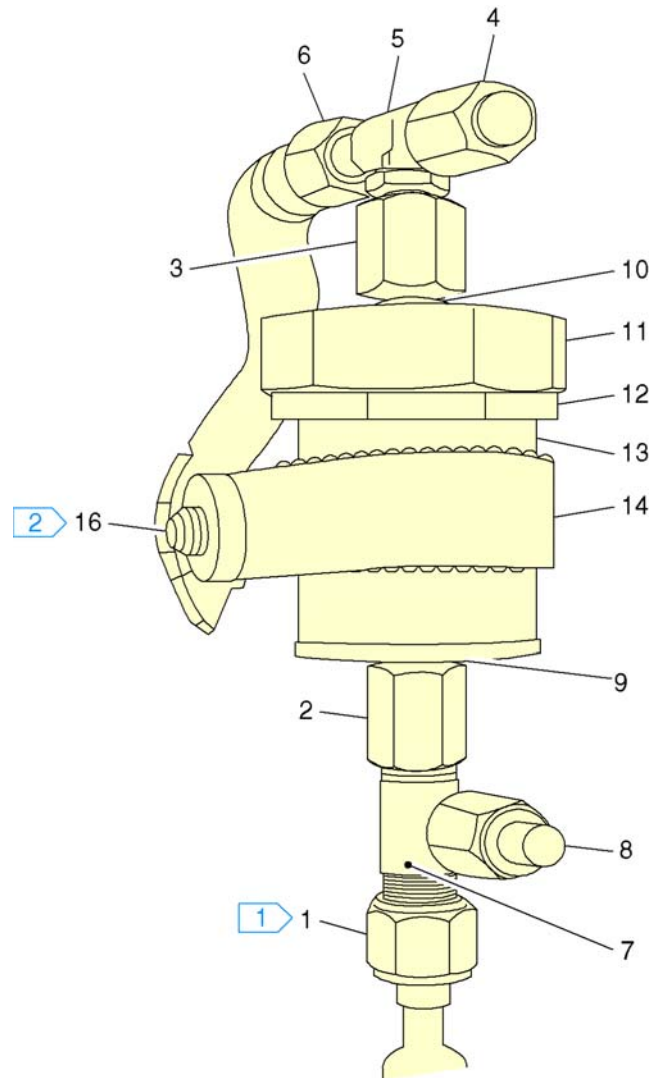
NOTE:

1. NOT SHOWN, REFER TO FIGURE 3

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LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2



NOTES:

- 1 All B nuts on tubes, caps and B nuts on swivel fittings shall be torqued to 135 to 150 in-lb (15.3 to 16.9 Nm) while utilizing a backup wrench on the static fitting.
- 2 Torque bolt 130 to 145 in-lb (14.7 to 16.4 Nm).

ID-565846

Figure 3. (Sheet 1 of 1) PC Filter Assembly (LTS101-650B-1, LTS101-750B-1, LTS101-850B-2)

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SERVICE BULLETIN

LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2

Key for Figure 3 (Sheet 1 of 1)

1	TUBE B NUT	9	PC FILTER FITTING INLET TO FILTER HOUSING RADIUS
2	SWIVEL TEE B NUT	10	PC FILTER FITTING OUTLET TO FILTER HOUSING RADIUS
3	SWIVEL TEE B NUT	11	PC FILTER CAP
4	CAP	12	PC FILTER BODY
5	SWIVEL TEE	13	PC FILTER ASSEMBLY
6	TUBE B NUT	14	CLAMP
7	SWIVEL TEE FITTING	15 ¹	TUBE B NUT
8	CAP	16	BOLT (TORQUE 130 TO 145 IN-LB (14.7 TO 16.4 NM))

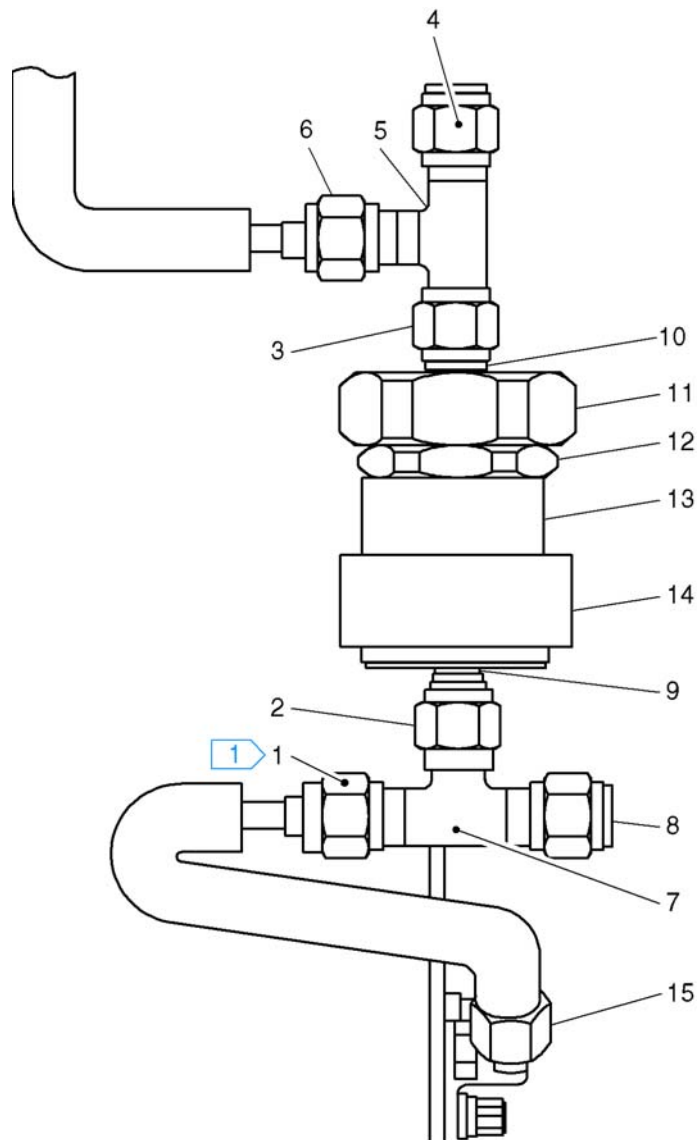
NOTE:

1. NOT SHOWN, REFER TO FIGURE 1, FIGURE 2, OR FIGURE 4.

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LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2



NOTES:

- 1 All B nuts on tubes, caps and B nuts on swivel fittings shall be torqued to 135 to 150 in-lb (15.3 to 16.9 Nm) while utilizing a backup wrench on the static fitting.

ID-565847

Figure 4. (Sheet 1 of 1) PC Filter Assembly (LTP101-600A-1A, LTP101-700A-1A)

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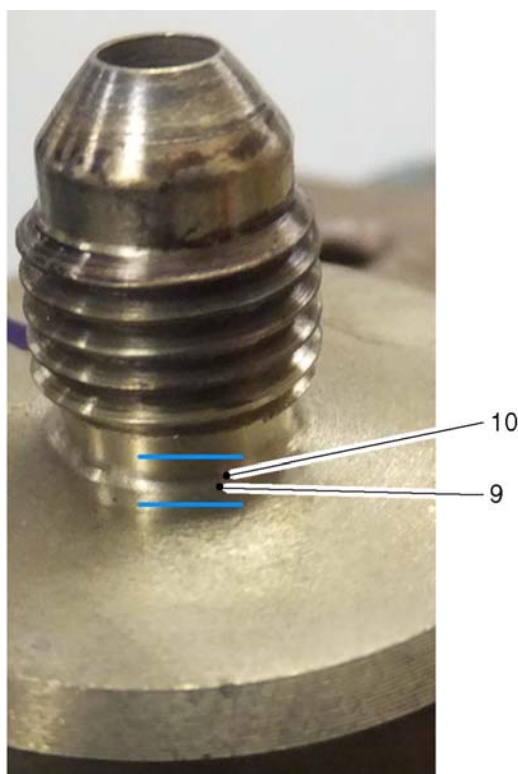
LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2

Key for Figure 4 (Sheet 1 of 1)

1	TUBE B NUT	9	PC FILTER FITTING INLET TO FILTER HOUSING RADIUS
2	SWIVEL TEE B NUT	10	PC FILTER FITTING OUTLET TO FILTER HOUSING RADIUS
3	SWIVEL TEE B NUT	11	PC FILTER CAP
4	CAP	12	PC FILTER BODY
5	SWIVEL TEE / ELBOW FITTING	13	PC FILTER ASSEMBLY
6	TUBE B NUT	14	CLAMP
7	SWIVEL TEE FITTING	15	TUBE B NUT
8	CAP	16 ¹	BOLT (TORQUE 130 TO 145 IN-LB (14.7 TO 16.4 NM))

NOTE:

1. NOT SHOWN, REFER TO FIGURE 3



NOTE:

Inspect radius 360° around both inlet and outlet fittings for cracking.

ID-565848

Figure 5. (Sheet 1 of 1) PC Filter Fitting

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LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2

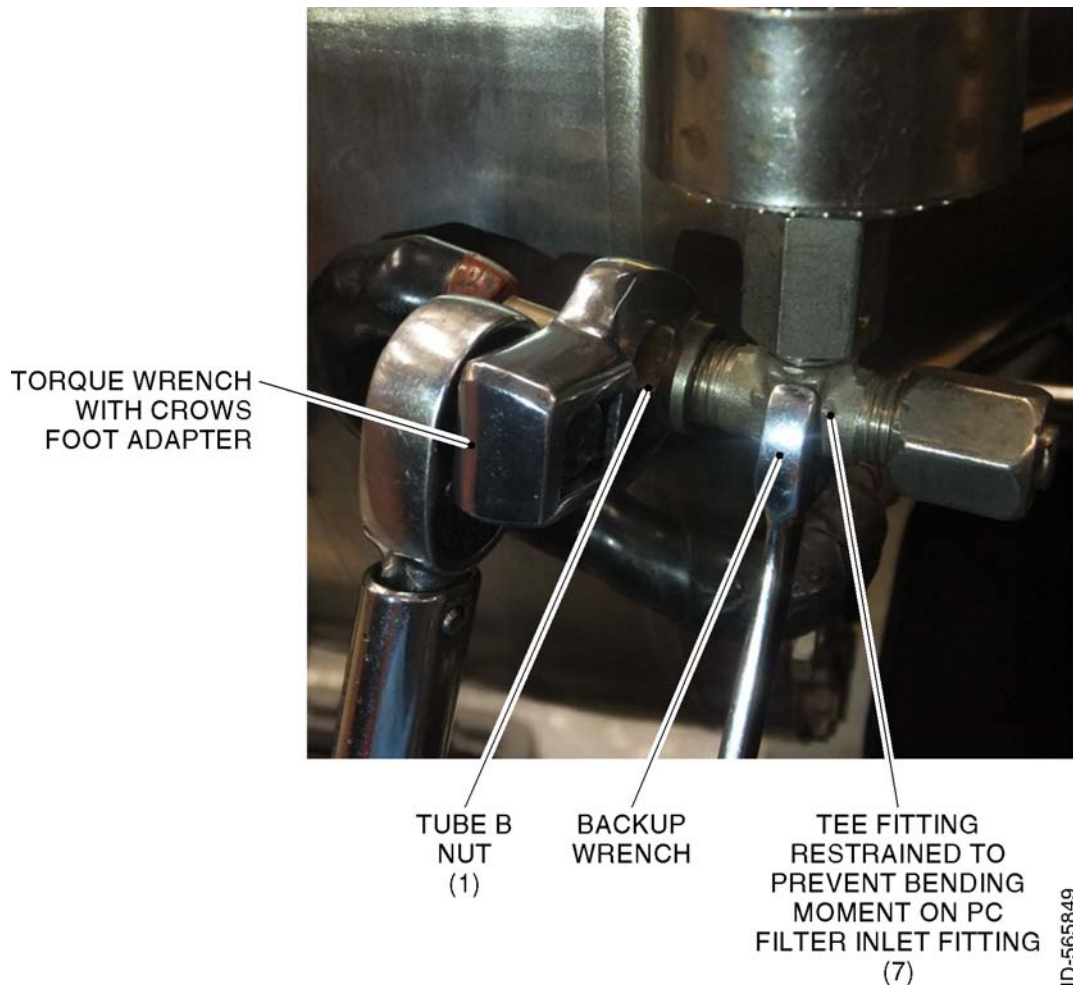


Figure 6. (Sheet 1 of 1) PC Filter - Torque Tube B Nut on Tee Fitting

(2) Installation of PC filter assembly.

NOTE: Refer to Figure 1 thru Figure 4 for the applicable engine model when performing the procedures that follow.

NOTE: It may be necessary to form clamp (14) around the PC filter using pliers or a vise.

- (a) Install clamp (14) and PC filter (13) and install bolt (16, not shown in all illustrations) through hole in clamp. Loosely install bolt (16, not shown in all illustrations) on the air diffuser.

CAUTION: MAKE SURE THAT ARROW DESIGNATING DIRECTION OF AIRFLOW, ON FILTER HOUSING POINTS UP.

- (b) Install tees (5, 7) loosely on PC filter.
- (c) Connect tube assembly B nut (1) loosely to swivel tee (7).
- (d) Connect tube assembly B nut (6) loosely to swivel tee or elbow fitting (5).

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- (e) Position PC filter parallel to engine vertical centerline, eliminate preload of tubes, ensure proper alignment of tubes to fittings, and ensure PC fittings are not contacting Inlet Scroll or Inlet panels, and torque bolt (16, not shown in all illustrations) to 130 to 145 in-lb (14.7 to 16.4 Nm).

NOTE: Adjust tubes (lines) in accordance with applicable engine maintenance manual if required.

- (f) Tighten tee assembly B nut (2) while restraining tee fitting (7) wrenching surface with a backup wrench and PC filter wrenching surface (12) with a backup wrench, to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.
- (g) Tighten tee assembly B nut (3) while restraining tee fitting (5) with a backup wrench and restraining PC filter wrenching surface (11) with a backup wrench, to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.
- (h) Tighten tube assembly B nut (6) while restraining tee fitting (5) with a backup wrench, to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.
- (i) Check the torque of the cap (4) while restraining tee fitting (5) with a backup wrench to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.
- (j) Check the torque of the cap (8) while restraining tee fitting (7) with a backup wrench to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.

(3) **Perform pneumatic leak check.**

NOTE: Refer to Figure 1 thru Figure 4 for the applicable engine model when performing the procedures that follow.

- (a) Disconnect tube assembly B nut (1).
- (b) Disconnect tube assembly B nut (15), while restraining fitting, P3 fuel control, with a backup wrench.
- (c) Connect an air pressure regulator tube and calibrated gage of at least 100 to 120 PSI (689 to 827 kPa) capacity to the inlet tee (1), and torque the air source tube B nut, while restraining tee fitting (7) with a backup wrench to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.
- (d) Move the fuel control power lever to the full open position in order to help maintain pressure in the Py circuit and apply 100 to 120 PSI (689 to 827 kPa) filtered (10 micron) air to the PC filter inlet tee (7).
- (e) Apply liquid dish soap and fresh water mixture to PC filter inlet (9), and outlet fitting (10), pneumatic B nuts (2, 3, 6), caps (4, 8) and fittings (7, 5) for leakage. No leakage is allowed, repair as required.

NOTE: It is recommended to check all pneumatic B nuts, fittings, and caps for leakage. No leakage is allowed. Repair as required. It is normal to have some leakage (bubbling) at the Py/Px block to fuel control parting surface. Control calibration accounts for this. The Power Turbine Governor pressure regulator will also bleed excess PC pressure, on the underside, near data plate, which is a normal condition.

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- (f) Remove air pressure regulator tube and calibrated gage B nut from inlet tee (1), while restraining tee fitting (7) with a backup wrench.
 - (g) Connect tube assembly B nut (15) loosely on fitting, P3 fuel control.
 - (h) Connect tube assembly B nut (1) loosely to swivel tee (7).
 - (i) Tighten tube assembly B nut (15) while restraining fitting, P3 fuel control, with a backup wrench to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.
 - (j) Tighten tube assembly B nut (1) while restraining tee fitting (7) with a backup wrench to 135 to 150 in-lb (15.3 to 16.9 Nm) torque.
 - (k) Perform leak check with engine running at idle by applying liquid dish soap and fresh water mixture to B nuts (1, 15) and associated fittings.
- (4) Make an entry within the engine logbook, maintenance and operating record card and fuel control component record card showing compliance with this service bulletin.
 - (5) Complete the Notice of Service Bulletin Compliance form in Paragraph 3.C. and send to Honeywell.

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SERVICE BULLETIN

LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1, LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2

C. Notice of Service Bulletin Compliance

Honeywell International Inc.
503-320/Dept. 93-42
Attn: William Kellogg
111 South 34th St., PO Box 52181
Phoenix, Arizona 85034, USA

or

E-Mail the compliance sheet to: William.Kellogg@Honeywell.com

Dear Sir:

This is to inform you that the service bulletin has been complied with as indicated below:

SERVICE BULLETIN _____ REVISION _____ DATE _____

Engine Model _____ Serial # _____ Hours _____ Cycles _____

FOLD

HERE

FOLD

HERE

Accomplishment Instructions:

PC Filter Part Number Installed at receipt of Service Bulletin PN _____;

Were the PC filter fittings, inlet or outlet found cracked? Y / N

Was the PC filter fittings found bent or distorted? Y / N

PC Filter Part Number installed _____

Leak Check Results:

Acceptable _____; Unacceptable and corrected _____.

If unacceptable, corrective action taken:

FOLD

HERE

FOLD

HERE

Very truly yours,

Name of Technician: _____

Operator Name: _____

Telephone Number: _____

Mailing Address: _____

Figure 7. (Sheet 1 of 1) Notice of Service Bulletin Compliance

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LTP101-600A-1A, LTP101-700A-1A, LTS101-600A-2, LTS101-600A-3, LTS101-600A-3A, LTS101-650B-1,
LTS101-650C-3, LTS101-650C-3A, LTS101-700D-2, LTS101-750B-1, LTS101-750C-1, LTS101-850B-2

**PLACE
STAMP
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**Honeywell International Inc.
503-320/Dept. 93-42
Attn: William Kellogg
111 S 34th Street, PO Box 52181
Phoenix, AZ 85034, USA**