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Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

1. Planning Information

A. Effectivity

- (1) Hartzell Engine Technologies LLC (HET) 200F, 201F, 202F Series Fuel Pumps, with HET P/N 063F-0001 diaphragm used in all part number fuel pumps with serial numbers listed below are affected by this Alert Service Bulletin.
 - (a) Fuel pump serial numbers H-QBN029FP, H-QEN146FP, H-QEN147FP, H-QEN148FP, H-SCN031FP and H-SGN069FP through H-TKN090FP are affected by this Alert Service Bulletin. Exceptions to the above serial numbers are listed in Table 1. The affected units may be new or overhauled.
 - (b) Affected HET P/N 063F-0001 diaphragms in inventory or any 200F, 201F, 202F Series Fuel Pump that has been installed and placed in service with an affected diaphragm between August 14, 2015 and December 5, 2016 are affected by this Alert Service Bulletin.
 - * Engine applications may include but are not limited to those listed in Table 2.

**Table 1: HET 200F, 201F, 202F Series Fuel Pump
 Serial Number Exceptions (not affected)**

H-SJN004FP	H-SJN014FP	H-SJN015FP	H-SJN017FP	H-SJN018FP	H-SLN039FP	H-SLN041FP	H-TBN032FP
H-TDN070FP	H-TFN026FP	H-TFN029FP	H-TFN031FP	H-TGN004FP	H-TGN020FP	H-TGN049FP	H-TGN050FP
H-THN040FP	H-THN041FP	H-THN042FP	H-TIN008FP	H-TIN010FP	H-TIN011FP	H-TIN012FP	H-TIN013FP
H-TIN015FP	H-TIN016FP	H-TIN017FP	H-TIN067FP	H-TIN081FP	H-TIN083FP	H-TJN001FP	H-TJN002FP
H-TJN003FP	H-TJN004FP	H-TJN006FP	H-TJN007FP	H-TJN008FP	H-TJN009FP	H-TJN033FP	H-TKN007FP
H-TKN008FP	H-TKN009FP	H-TKN010FP	H-TKN011FP	H-TKN012FP	H-TKN013FP	H-TKN014FP	- END -

WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS ALERT SERVICE BULLETIN. INFORMATION CONTAINED HEREIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS ALERT SERVICE BULLETIN OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE HET WEBSITE WWW.HARTZELL.AERO FOR THE MOST RECENT REVISION LEVEL OF THIS ALERT SERVICE BULLETIN.

B. Concurrent Requirements

- (1) None

C. Reason

- (1) Fuel leakage through the fuel pump diaphragm has been observed. This condition may be due to a manufacturing condition allowing the diaphragm to crack or tear.
- (2) Replacement of the diaphragm is required for the affected 200F, 201F, 202F series fuel pump.
- (3) Regulatory action is unknown.

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

D. Description

- (1) This Alert Service Bulletin provides Instructions for Continued Airworthiness (ICA).
- (2) This Alert Service Bulletin provides instructions for repair of an affected fuel pump by installation of a new HET P/N 063F-0001 diaphragm or the replacement of the fuel pump with one not affected by this Alert Service Bulletin.

E. Compliance

- (1) Within twenty-five (25) hours time in service or at the next regularly scheduled inspection, whichever occurs first, inspect the affected fuel pump reference vent port for fuel leakage in accordance with the Accomplishment Instructions of this Alert Service Bulletin.
 - (a) If fuel leakage at the fuel pump reference port IS found, the affected fuel pump must be repaired by installation of a new diaphragm, or the affected fuel pump must be replaced with one not affected by this Alert Service Bulletin prior to next flight.
 - (b) If fuel leakage at the fuel pump reference port IS NOT found, repeat inspection each twenty-five (25) hours time in service thereafter, not to exceed twelve (12) calendar months from the effective date of this publication or until the affected fuel pump can be repaired or replaced with fuel pump not affected by this Alert Service Bulletin.
- (2) Repair or replacement of an affected fuel pump in accordance with the Accomplishment Instructions is the terminating action for this Alert Service Bulletin.

F. Approval

- (1) FAA acceptance has been obtained on technical data in this publication that affects type design.

G. Manpower

- (1) Labor is negligible for identification and inspection when performed in conjunction with regularly scheduled maintenance required by the engine/aircraft manufacturer.
- (2) Up to one and a half (1.5) hours labor required for removal and installation of the fuel pump.
- (3) If a fuel pump cooling shroud is installed, up to an additional one (1.0) hour labor is required for removal and installation of the fuel pump cooling shroud.
- (4) Up to one (1.0) hour labor is required for replacement of the pump diaphragm and Return to Service if performed in conjunction with regularly scheduled maintenance.

H. References

- (1) Applicable aircraft POH or AFM.
- (2) Aircraft maintenance manual (as applicable).
- (3) Engine Service Instructions or maintenance manual (as applicable).
- (4) HET Fuel Pump Overhaul Manual, P/N 200201-0000 Rev. H or latest revision.

I. Other Publications Affected

- (1) None

J. Weight and Balance

- (1) No Change

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

2. Material Required

- A. If replacing the fuel pump, one (1) each, fuel pump of the part number removed that is not affected by this Alert Service Bulletin. - OR -

If repairing the fuel pump:

- (1) One (1) each, Diaphragm, HET P/N 063F-0001.
- (2) Four (4) each, Cap Screw, P/N NAS1352C3H20.
- (3) Four (4) each, Washer, HET P/N 065F-0003.

- B. Appropriate length of 0.032 inch stainless steel safety wire -or- optional use: Two (2) each, Safe-T-Cable™, HET P/N RX-1961.

3. Accomplishment Instructions

WARNING: THIS PROCEDURE MUST BE PERFORMED BY COMPETENT AND QUALIFIED PERSONNEL WHO ARE FAMILIAR WITH ENGINE AND AIRFRAME MAINTENANCE THAT IS SPECIFIC TO THE ENGINE FUEL SYSTEM. FAILURE TO DO SO MAY RESULT IN ECONOMIC LOSS, EQUIPMENT DAMAGE, AND/OR PHYSICAL INJURY.

CAUTION 1: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS ALERT SERVICE BULLETIN AND THE APPLICABLE AIRCRAFT, ENGINE AND/OR THE HET P/N 200201-0000 MAINTENANCE MANUAL. INFORMATION CONTAINED IN THESE MANUALS OR THIS ALERT SERVICE BULLETIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THE ALERT SERVICE BULLETIN OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE HET WEBSITE (WWW.HARTZELL.AERO) FOR THE MOST RECENT REVISION OF THE 200201-0000 MANUAL.

CAUTION 2: DO NOT DEPEND ON THIS ALERT SERVICE BULLETIN FOR GAINING ACCESS TO THE ENGINE OR FUEL PUMP. ACCESS REQUIRES THE USE OF THE APPLICABLE MANUFACTURER'S MAINTENANCE MANUALS OR SERVICE INSTRUCTIONS. IN ADDITION, ANY PREFLIGHT OR IN FLIGHT OPERATIONAL CHECKS REQUIRE USE OF THE APPROPRIATE AFM OR POH.

A. Fuel Pump Identification

- (1) If positive identification of the fuel pump model and serial number can be made through the engine or aircraft documentation, and the fuel pump is affected per 1.A, continue to 3.B Inspection. If the fuel pump is NOT affected, no further action is required.
- (2) Identify any 200F, 201F, 202F Series Fuel Pump that has field installed an affected HET P/N 063F-0001 diaphragm between August 14, 2015 and December 5, 2016 through the engine or aircraft documentation and if the fuel pump is affected per 1.A(1)b, continue to 3.B Inspection.
 - (a) If records do not indicate that an affected HET P/N 063F-0001 diaphragm was field installed, the fuel pump is NOT affected and no further action is required.
- (3) If positive identification cannot be made through engine or aircraft documentation, gain access and locate the data tag on the fuel pump to verify the fuel pump effectivity.
 - (a) If the unit IS affected, proceed to section 3.B Inspection.
 - (b) If the unit IS NOT affected, return any components that were required to gain access. No further action required.

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

B. Fuel Pump Reference Vent Port Inspection

NOTE: Some engine applications will have a cooling shroud installed over the fuel pump. It may be necessary to remove this shroud for initial identification and for recurring inspection.

- (1) The HET series fuel pumps use the reference vent port in several ways. The port may have an orifice plug installed, a fitting for an upper deck reference line or a fitting to connect to the engine turbocharger reference.
 - (a) Inspection of the orifice plug requires only a visual inspection. Look around the plug and into the orifice for fuel or blue dye stains. Refer to Fig. 1 or Fig. 2.
 - (b) Inspection of the upper deck reference line requires that the line be disconnected and the inside of the fitting be inspected for fuel or blue dye stains. Refer to Fig. 5 and 6.
 - (c) Inspection of the engine turbocharger reference line will require that the “B” nut be removed and the inside of the fitting be inspected for fuel or blue dye stains.
- (2) Inspection for fuel or blue dye stains may require use of a “Q” tip cotton swab or similar device to check for the presence of fuel or blue dye.
- (3) If fuel or blue dye stains are not found, refer to Compliance 1.E(1)b and continue to Corrective Action 3.C as convenient.
 - (a) Reassemble the connection for the upper deck reference or the engine turbocharger reference lines.
 - (b) If removed, reinstall the fuel pump cooling shroud and air hose (if applicable) in accordance with latest engine/airframe service instructions or maintenance manual and continue to “Return to Service” 3.D.(1). Refer to Fig. 4.
- (4) If fuel or blue dye stains are found, continue to “Corrective Action” 3.C.

C. Corrective Action - Choose (1), (2), or (3):

(1) Fuel Pump Factory Repair

- (a) Remove fuel pump and cooling shroud (if required), from engine in accordance with engine and airframe service instructions. Retain all engine or aircraft supplied fittings from the fuel pump prior to return. **(HET cannot return fittings to the customer.)**
- (b) Forward the affected fuel pump to the HET factory per the instructions contained in Appendix I-Commercial Assistance found at the end of this Alert Service Bulletin.
- (c) Install the repaired fuel pump on the engine along with the cooling shroud (if required) in accordance with current engine/airframe service instructions or maintenance manual and continue to “Return to Service” 3.D.(1).

(2) Fuel Pump Field Repair:

NOTE 1: Refer to the HET overhaul manual P/N 200201-0000 Rev. H or latest revision for the following steps necessary to replace the diaphragm in the applicable model and part number fuel pump.

NOTE 2: Fuel Pump P/N 200F-5006 (Lycoming P/N 62E23190) and P/N 200F-5007 (Lycoming P/N 62E23191-Y) are not listed in the current overhaul manual, however, the HET overhaul manual P/N 200201-0000 Rev. H or later may be used along with these instructions.

- (a) Remove fuel pump and cooling shroud (if required), from engine in accordance with engine and airframe service instructions.

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

- (b) Disassemble the applicable fuel pump in accordance with Section 3 of HET P/N 200201-0000 manual as appropriate for the applicable part number and model. Use only those sections required to replace the diaphragm.
- (c) Replace the existing HET P/N 063F-0001 diaphragm with a new diaphragm shipped from HET after December 8, 2016.
- (d) Assemble the fuel pump in accordance with Section 7 of the HET 200201-0000 overhaul manual as appropriate to the model number. Use only those sections required to install the diaphragm. Diaphragm replacement instruction applies to the fuel pump model but is not part number specific.
- (e) Install the four new flat washers HET P/N 065F-0003 and the four new cap screws HET P/N NAS1352C3H20.
- (f) Using a socket with 5/32 inch hex stock inserted and a calibrated torque wrench, torque the new cap screws in a crisscross pattern applying 23-25 in-lbs (2.59-2.82 Nm).
- (g) Test and adjust the applicable fuel pump in accordance with Section 2 of the HET P/N 200201-0000 overhaul manual as appropriate for the applicable part number and model. Use only those sections required to test the fuel pump and adjust the relief valve.
 - 1 For the 200F Fuel Pump P/N 200F-5006 (62E23190) and P/N 200F-5007 (62E23191-Y), the Relief Valve Setting data is shown in the following table.

Model No.	Application	Direction of Rotation	Inlet Pressure (in. HgA)	Speed (rpm)	Flow (pph)	Discharge Pressure (psig)
200F-5006	Lycoming (62E23190)	CW	26 In. HgA	2500 +/-50	265 +/-5	25 - 40 *
			28 In. HgA	650 +/-10	95 +/-5	25 +/-1 *
200F-5007	Lycoming (62E23191-Y)	CCW	26 In. HgA	2575 +/-50	260 +/-5	65 +/-1 *
			28 In. HgA	650 +/-10	9 MIN	36 +/-1 *

* Relief valve setting requires that two set points be achieved.

- (h) Install 0.032 inch stainless steel safety wire or the optional Safe-T-Cable™, HET P/N RX-1961 at the head of the cap screws. Tool requirements and Installation for Safe-T-Cable™ may be found at <http://www.dmctools.com>.
 - (i) Reinstall the fuel pump and fuel pump cooling shroud with air hose, if removed, in accordance with current engine/airframe maintenance manual or service instructions.
- (3) Fuel Pump Replacement
- (a) Replace the fuel pump with one not affected by this Alert Service Bulletin in accordance with the engine and airframe service instructions and continue to "Return to Service" 3.D.(1).
- D. Return to Service
- (1) Perform the recommended fuel pump/fuel system set up and functional tests in accordance with the appropriate aircraft maintenance manual, engine service instructions, and operational tests in the AFM or POH.
 - (2) Inspect the fuel pump installation for security and leaks.

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

E. Maintenance Record

- (1) For affected fuel pumps continuing in service, make an engine logbook entry to indicate compliance with this Alert Service Bulletin noting when the next inspection is due.
- (2) For terminating action, make an engine logbook entry to indicate compliance with this Alert Service Bulletin by replacement of the fuel pump with one not affected or repair of an affected fuel pump by replacement of an unaffected diaphragm.

4. Contact Information

A. Contact **HET Product Support** for all communications regarding the technical content of this Alert Service Bulletin.

- (1) Phone +1.334.386.5400 (Option 2)
- (2) Fax +1.334.386.5450.
- (3) E-mail at techsupport@HartzellEngineTech.com.
- (4) Address

Hartzell Engine Technologies LLC
2900 Selma Highway,
Montgomery, AL 36108
USA

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

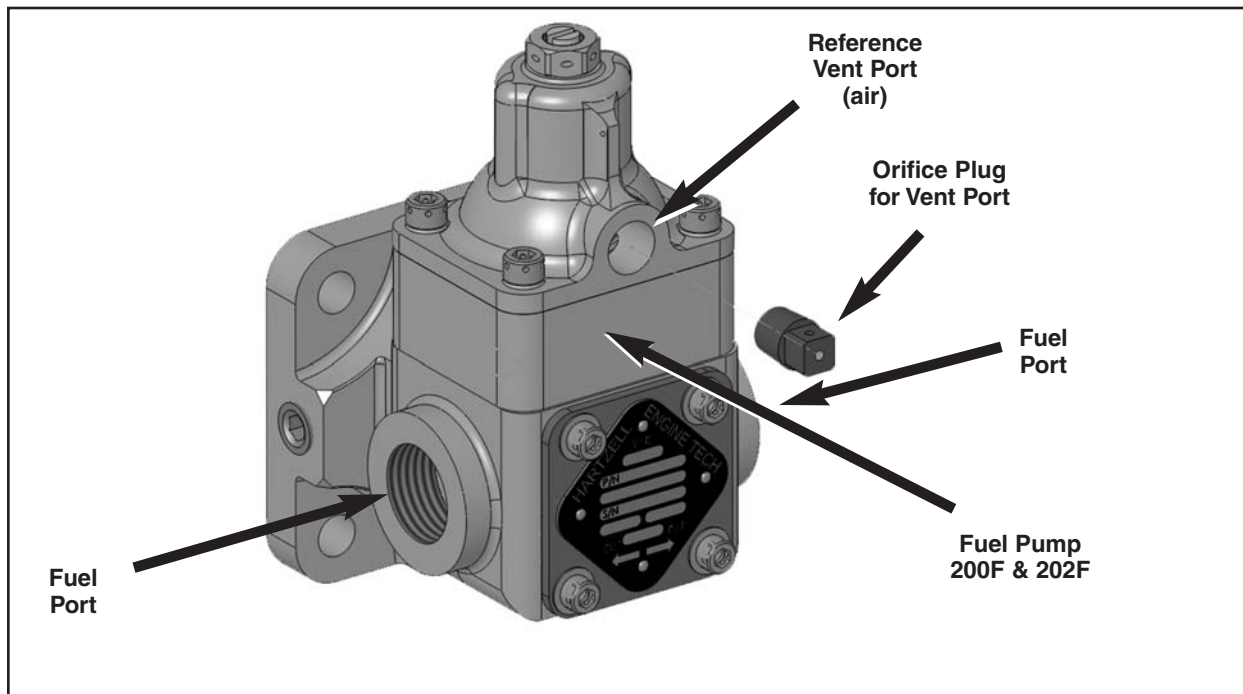


Figure 1 - 200F & 202F Identification

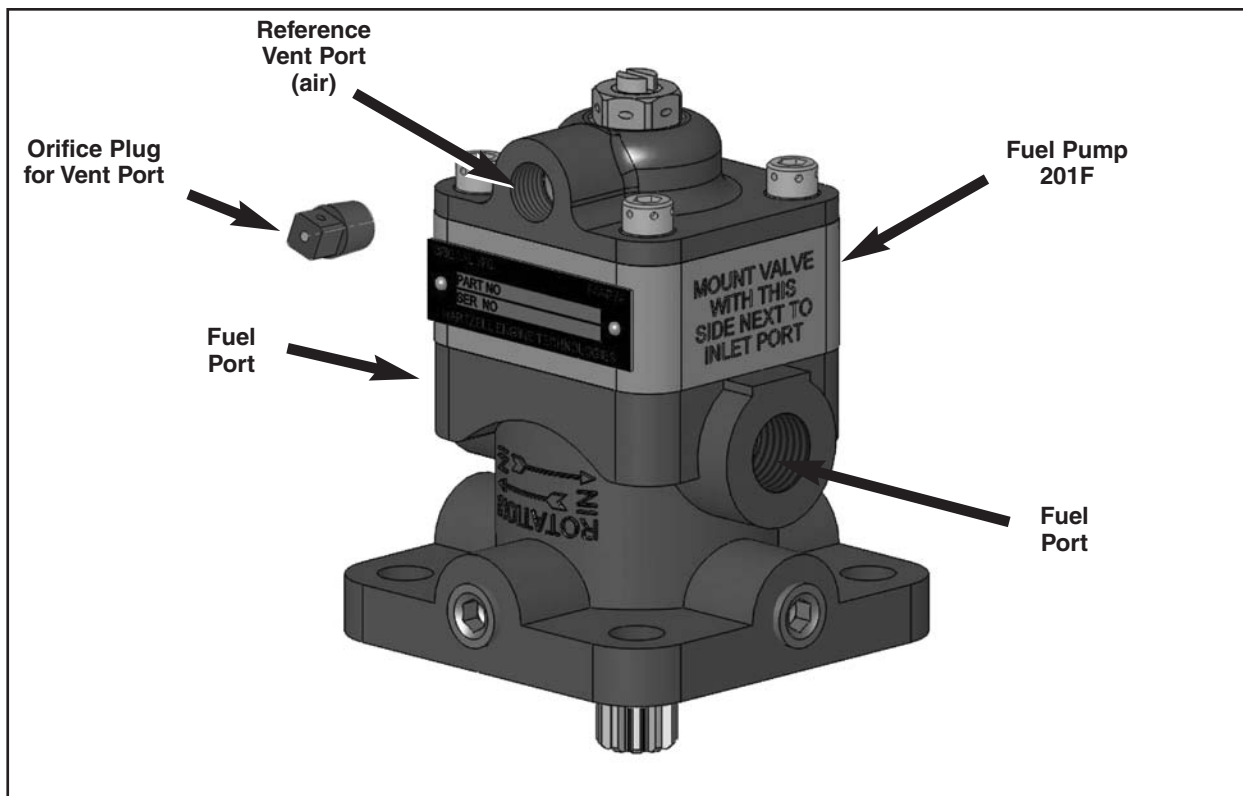


Figure 2 - 201F Identification

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

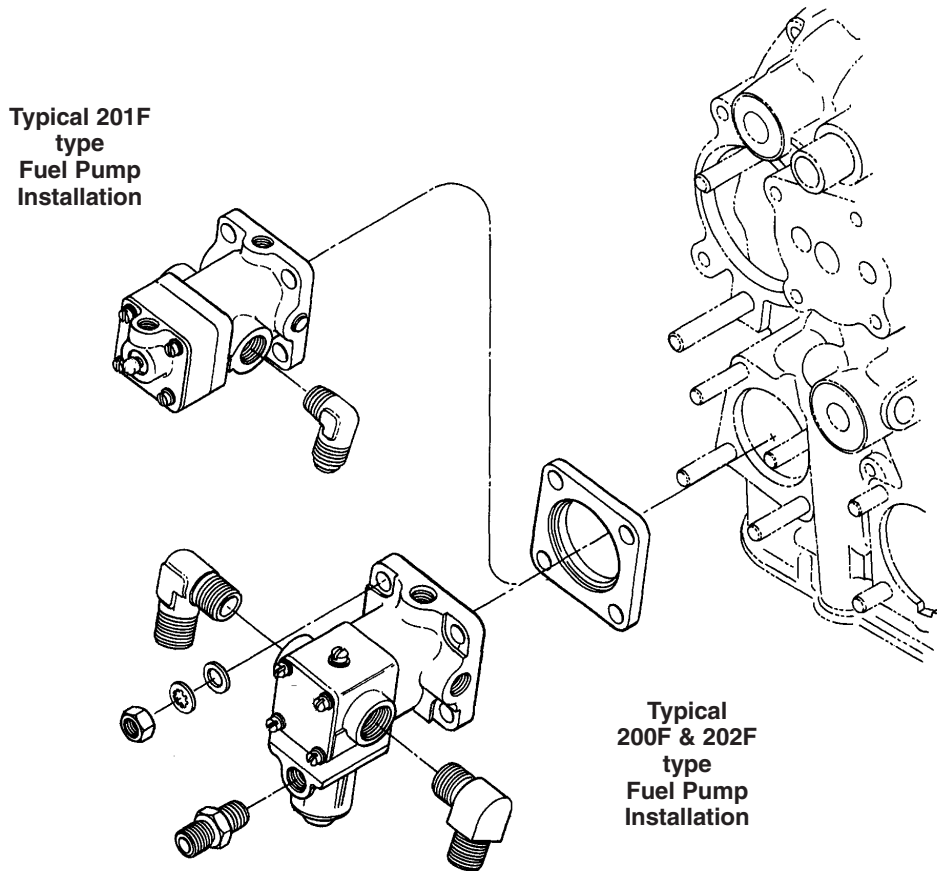


Figure 3 - Typical HET Series Fuel Pumps

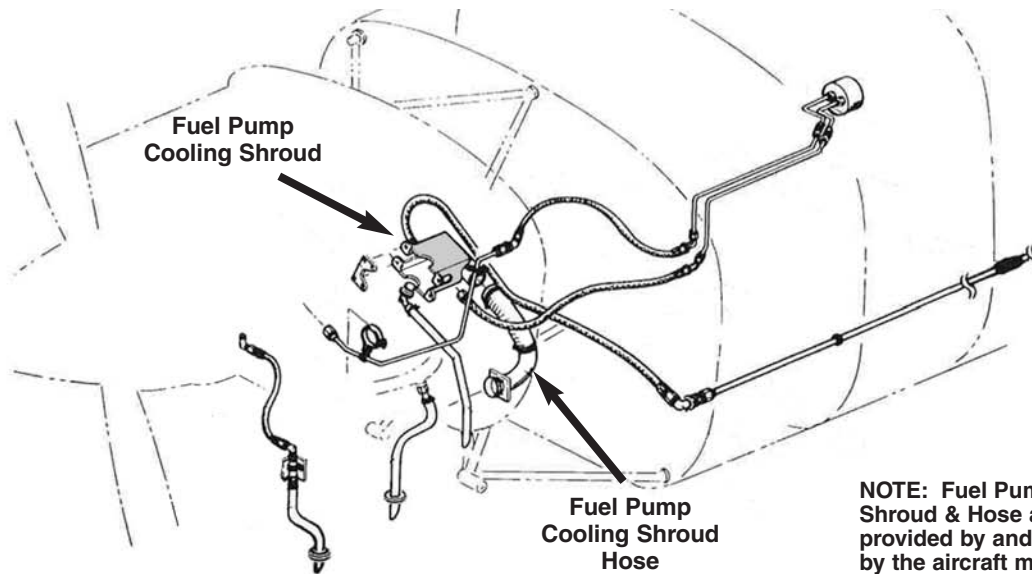


Figure 4 - Typical Cooling Shroud Installation

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

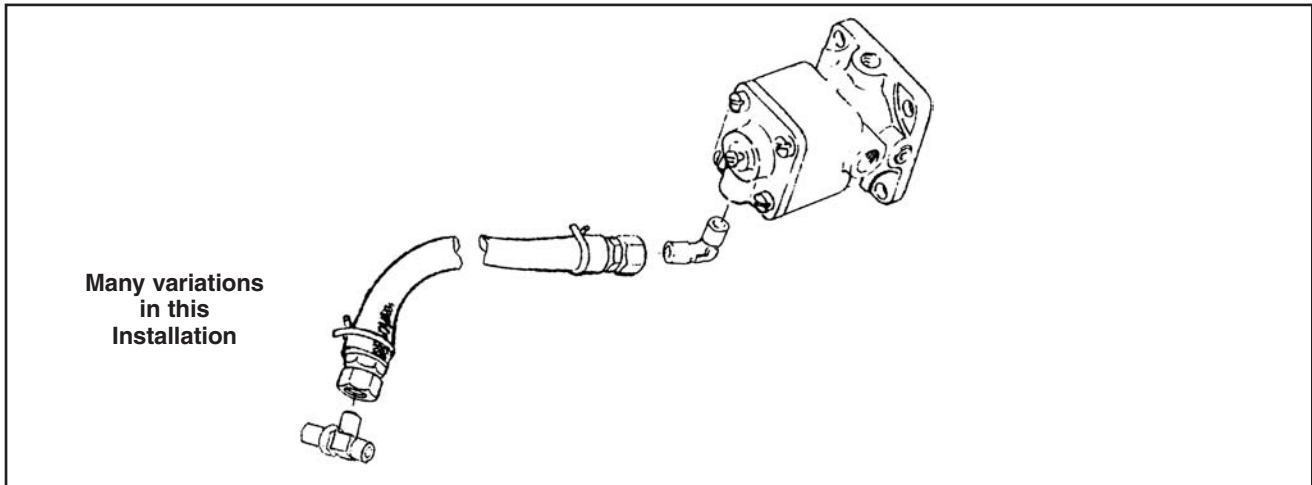


Figure 5 - Typical HET 201F Fuel Pump Plumbed to Upper Deck Reference

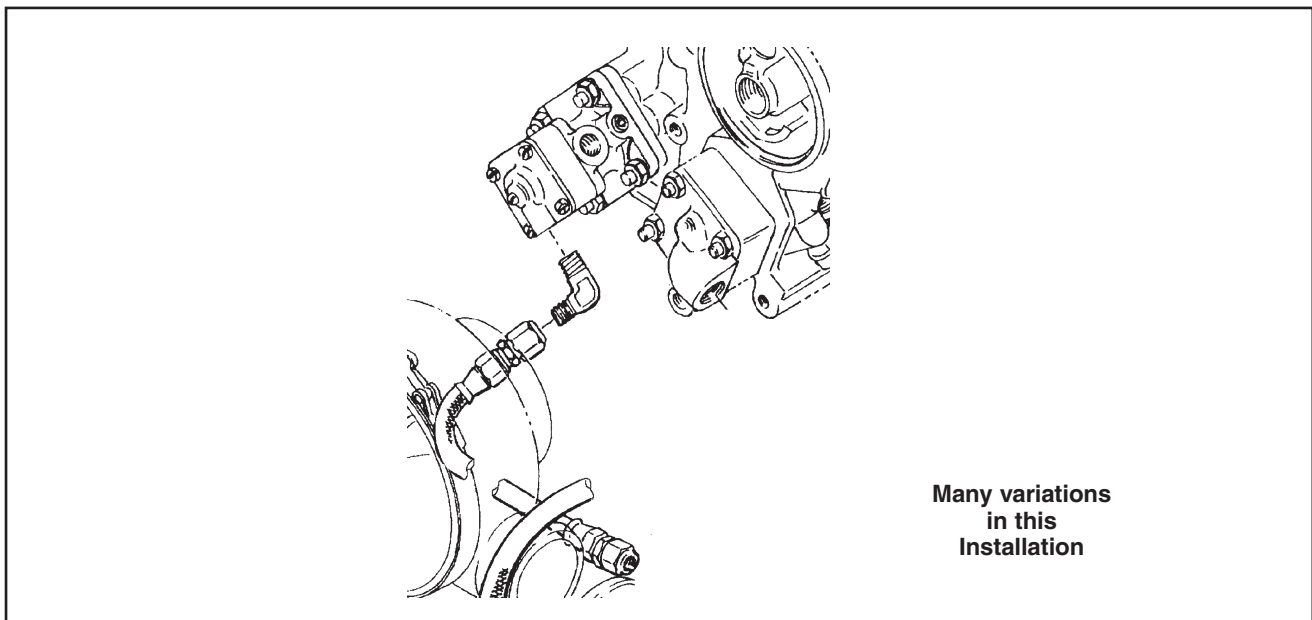


Figure 6 - Typical HET 201F Fuel Pump Turbocharger Reference Line Connection

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

Table 2 - Engine Application & Cross Reference*

Part Number HET Fuel Pump	Part Number Lycoming (Ref. Only)	Lycoming Engine Installation Eligibility
200F-5001	62E23185	GO-435; GO-435-C2; GO-435-C2A; GO-435-C2A2; GO-435-C2B; GO-435-C2B1; GO-435-C2B2; GO-435-C2C; GO-435-C2D; GO-435-C2E; GO-435-D1; GO-480; GO-480-A1A; GO-480-B; GO-480-B1; GO-480-B1A6; GO-480-B1D; GO-480-C1D6; GO-480-C2C6; GO-480-C2D6; GO-480-C2E6; GO-480-C3A6; GO-480-E1A6; GO-480-F6; GO-480-F1A6; GO-480-F2A6; GO-480-F2D6; GO-480-F3A6; GO-480-F3B6; GO-480-F4A6; GO-480-F4B6; GO-480-G1A6; GO-480-G1D6; GO-480-G1H6; GO-480-G1J6; GO-480-G2D6; GO-480-G2F6
200F-5002	62E23186	IO-540-K1E5; IO-720-A1A; IO-720-A1B; IO-720-B1B; IO-720-C1B; IO-720-D1B; LTIO-540-F2BD; LTIO-540-J2BD; TIGO-541-D1A; TIGO-541-D1B; TIGO-541-E1A; TIO-360-A3B6; TIO-540-A1A; TIO-540-A1B; TIO-540-A2A; TIO-540-A2B; TIO-540-A2C; TIO-540-AE2A; TIO-540-J2B; TIO-540-U2A;
200F-5003	62E23188	TIO-540-AB1AD; TIO-540-AA1AD; LTIO-540-U2A; LTIO-540-J2B
200F-5004	62E23187	IO-540-K1F5D; LTIO-540-W2A; TIO-540-F2BD; TIO-540-J2BD; TIO-540-N2BD; TIO-540-R2AD; TIO-540-T2AD; TIO-540-V2AD
200F-5005	62E23189	IO-720-A1B; LTIO-540-V2AD; TIO-540-W2A; TIO-540-AH1A; TIO-540-AJ1A
202F-1001	62E22586	AEIO-540-D4D5
	Beechcraft P/N 50-389141-1	56TC; A56TC;60; A60; & B60
202F-1002	62E22585 / LW-19012	TIO-540-S1AD

* The information in Table 2 is provided for reference only. The applicable engine manufacturer's Type Certification information should be consulted as the official source.

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

Table 2 (cont'd) - Engine Application & Cross Reference*

Part Number HET Fuel Pump	Part Number Lycoming (Ref. Only)	Lycoming Engine Installation Eligibility
201F-5001	62D26030	IO-540-G1B5; IO-540-G1D5; IO-540-J4A5; IO-540-R1A5; IO-720-A1A; IO-720-A1B
201F-5002	62D26031	IO-720-A1A; IO-720-A1B
201F-5003	62D26032	IO-540-G1C5; IO-540-K1A5; IO-540-K1B5; IO-540-K1F5; IO-320-C1A; IO-320-F1A
201F-5004	62D26033	IO-360-A1B; TIO-360-A1B
201F-5005	62D26034	IO-540-A1A5; IO-540-G1B5; IO-540-G1D5; IO-540-K1C5; IO-540-K1D5; IO-540-K1F5; IO-540-L1A5; IO-540-P1A5; IO-360-B1D; TIO-540-A2B; TIO-540-C1A; TIO-540-E1A; TIO-540-G1A; TIO-540-H1A
201F-5006	62D26035	IO-540-K1A5D; TIO-360-C1A6D; LIO-320-C1A
201F-5007	62D26036	IO-540-M2A5D; TIO-540-AA1AD; TIO-540-AB1AD
201F-5008	62D26037	TIO-540-AF1A; TIO-540-AF1B

* The information in Table 2 is provided for reference only. The applicable engine manufacturer's Type Certification information should be consulted as the official source.

NOTE: 200F Fuel Pump P/N 200F-5006 (Lycoming P/N 62E23190) and P/N 200F-5007 (Lycoming P/N 62E23191-Y) are a Lycoming installation. Application information for these fuel pumps must be obtained from Lycoming.

Alert Service Bulletin

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

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Alert Service Bulletin Appendix

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

1. ELIGIBILITY:

- A. Hartzell Engine Technologies LLC (HET) 200F, 201F, 202F Series Fuel Pumps, all P/N's with S/N's as shown below are eligible:
 - (1) Serial number fuel pumps H-QBN029FP, H-QEN146FP, H-QEN147FP, H-QEN148FP, H-SCN031FP and H-SGN069FP through H-TJN090FP.
 - (2) Serial number fuel pumps listed in Table 1- "Exceptions" are not eligible.
- B. Any affected diaphragm in inventory or any 200F, 201F, 202F Series Fuel Pump that has been installed and placed in service with an affected diaphragm between August 14, 2015 and December 1, 2016.

2. COMMERCIAL ASSISTANCE PROGRAM:

The following will be provided with the submission of a completed ASB 069 Claim Form, copies of invoices showing breakdown of material and labor charges, and log book entries. **Any commercial assistance or other consideration shall expire twelve (12) calendar months from the original published date of Alert Service Bulletin No. 069.**

- A. Initial Inspection
 - (1) One half (0.5) hour labor to gain access to the pump and perform inspection paid at a shop rate of up to \$75 per hour. If a fuel pump cooling shroud is installed, up to an additional one (1.0) hour labor will be provided for removal and installation of the fuel pump cooling shroud.
- B. Pump Repair or Replacement
 - (1) For field replacement of the diaphragm in an eligible fuel pump (refer to Appendix section 6 for a listing of potential service facilities) HET will provide:
 - (a) Materials Required in ASB 069 section 2.
 - (b) Labor for Corrective Action for affected fuel pumps will be paid at a shop rate of \$75 per hour up to the amount specified below:
 - (i) one (1.0) hour labor to replace the fuel pump diaphragm
 - (ii) Up to one and a half (1.5) hours labor for removal and installation of the fuel pump. If a fuel pump cooling shroud is installed, up to an additional one (1.0) hour labor will be provided for removal and installation of the fuel pump cooling shroud.
 - (2) If returning an eligible fuel pump, HET will repair and return the unit.
 - (a) Customer **must** obtain an **RMA approval number** from HET **before** returning the fuel pump to HET for factory repair.
 - (b) Up to one and a half (1.5) hours labor for removal and installation of the fuel pump. If a fuel pump cooling shroud is installed, up to an additional one (1.0) hour labor will be provided for removal and installation of the fuel pump cooling shroud.

Alert Service Bulletin Appendix

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

3. COMMERCIAL ASSISTANCE ADMINISTRATION:

- A. Complete the Alert Service Bulletin ASB 069 Claim Form attached to this appendix.
 - (1) Mail, e-mail, or fax the ASB 069 Claim Form to the attention of Product Support as indicated on the Alert Service Bulletin Claim Form.
- B. Upon receipt of the Alert Service Bulletin Claim Form, HET will:
 - (1) If required by the Alert Service Bulletin, ship the material required by section 2.A and 2.B, to the service provider indicated.
 - (2) The service provider must return proof of service within thirty (30) days or the service provider shall be invoiced for the HET supplied materials.
- C. For labor and material charges:
 - (1) Aircraft/engine service facility must submit an invoice up to the amount specified in section 2, copies of logbook entries, and a completed ASB 069 Claim Form for reimbursement.

4. WARRANTY STATEMENT:

- A. The sole warranty for the actions of ASB 069 are contained in the HET Limited Warranty Policy issued with the purchase of each new/overhauled fuel pumps (see terms and conditions therein).
- B. Commercial assistance may apply as stated in this Appendix.
- C. Issuance of ASB 069 in no way constitutes an implied or expressed warranty of any kind.
- D. This publication does not imply or state any responsibility for the workmanship of any person or entity performing work or maintenance on the engine or aircraft fuel system.

5. CONTACT INFORMATION:

- A. Contact **HET Product Support** for all communications regarding the technical content of this Alert Service Bulletin.
 - (1) Phone +1.334.386.5400 (Option 2)
 - (2) Fax +1.334.386.5450.
 - (3) E-mail at techsupport@HartzellEngineTech.com.
 - (4) Address
Hartzell Engine Technologies LLC
2900 Selma Highway,
Montgomery, AL 36108
USA

(A list of fuel pump repair facilities is shown on the next page.)

Alert Service Bulletin Appendix

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

6. SERVICE FACILITIES:

A. The following service facilities have the capability of servicing the HET P/N 200F, 201F, and 202F fuel pumps and may provide a method of compliance with this Alert Service Bulletin.

Aero Recip

540 Marjorie Street
Winnipeg, Manitoba R3H 0S9
CANADA
Phone: +1.800.561.5541
Email: info@aerorecip.com

Aircraft Accessories of Oklahoma

2740 N. Sheridan Rd.
Tulsa, Oklahoma 74115
Phone: 800.255.9924
Email: airacc1@airacc.com

AMETEK B&S Aircraft Parts & Accessories

1414 South Mosley
Wichita, KS 67211
Phone: +1.316.264.2397
Web Site: www.bsaircraft.com
Email: sales.bsaircraft@ametek.com

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Phone: +1.513.732.3361
Fax: +1.513.752.1332
Email: mlg188@aol.com

Quality Aircraft Accessories, Inc.

5746 Apache St.
Tulsa, OK 74115
Phone: 877.833.6948
Email: sales@qaa.com

Alert Service Bulletin Appendix

Alert Service Bulletin No. 069

200F, 201F, 202F Fuel Pump Leak Inspection and Diaphragm Replacement

ASB 069 CLAIM FORM

Owner information

Name: _____ Date: _____ Tel: _____ Fax: _____
Company Name: _____ E-mail: _____
Address: _____
City: _____ State: _____ Postal Code: _____
Country: _____

Aircraft/Engine Service Facility information

Name: _____ Date: _____ Tel: _____ Fax: _____
Company Name: _____ E-mail: _____
Address: _____
City: _____ State: _____ Postal Code: _____
Country: _____
Aircraft Mfg: _____ Model: _____ Time in Service: _____ S/N: _____
Engine: _____ Model: _____ Time in Service: _____ S/N: _____

Payment Information

Same as Owner: Same as Facility: Other _____ Name
_____ Address

Component Information

Nomenclature: _____ Part Number: _____
Serial Number: _____ (Fuel Pump) Date Removed: _____
Part Time in Service: _____ (Fuel Pump) Original Date Installed: _____

For RMA Number

Send this ASB 069 Claim Form to:

Hartzell Engine Technologies Product Support
Fax: +1.334.386.5450
E-mail: techsupport@hartzellenginetech.com

RMA Number:

(write in HET assigned RMA number)

Hartzell Use Only - do not write below this line.

Warranty No: _____ Authorized by: _____