



652 Oliver Street
Williamsport, PA 17701 U.S.A.

Telephone +1 (800) 258-3279 (U.S. and Canada)

Telephone +1 (570) 323-6181 (International)

Facsimile +1 (570) 327-7101

www.lycoming.com

MANDATORY

SERVICE BULLETIN

DATE: June 17, 2016

Service Bulletin No. 624
Engineering Aspects are
FAA Approved

SUBJECT: Reprint of Hartzell Engine Technologies (HET) Service Bulletin SB-065

MODELS AFFECTED: All Lycoming engines equipped with Fuel Pump Part Number 62D26030, 62D26032, 62D26034, 62D26035, 62D26036, or 62D26037.

TIME OF COMPLIANCE: At the next regularly scheduled inspection or twelve (12) months after the effective date of this Service Bulletin (whichever occurs first)

NOTICE: Incomplete review of all the information in this document can cause errors. Read the entire Service Bulletin to make sure you have a complete understanding of the requirements.

This Service Bulletin is notification of required action for mandatory compliance with Hartzell Engine Technologies Service Bulletin SB-065 dated August 31, 2015, regarding Lycoming engine models (Table 1) with fuel pump part number 62D26030, 62D26032, 62D26034, 62D26035, 62D26036, or 62D26037 approved for use on Lycoming engines.

Hartzell Engine Technologies Service Bulletin SB-065 dated August 31, 2015 is reprinted in its entirety as follows and is current at the time Lycoming Service Bulletin No. 624 is issued. However, compliance with this Service Bulletin is to be in accordance with the latest revision of the Hartzell Engine Technologies Service Bulletin SB-065.

NOTICE: Refer to the latest revision of Service Instruction No. 1533 for cross references of HET fuel pump model numbers, Lycoming part numbers, and Lycoming approved applications.

Table 1 in this Service Bulletin identifies affected engine models, engine serial numbers, fuel pump part numbers and fuel pump serial numbers that were shipped from Lycoming Engines that have suspect fuel pump cap screws.

Table 2 identifies affected Lycoming part numbers and fuel pump serial numbers of spares shipped from Lycoming that have suspect fuel pump cap screws.

Required Action

1. Identify whether or not you have any of the affected HET fuel pump models in Table 1 or 2 installed on your Lycoming engine or in inventory.
2. Follow the instructions in the latest revision of HET Service Bulletin SB-065.
3. File a warranty claim directly with HET for replacement of four fuel pump cap screws per the Commercial Assistance section in the appendix in the latest revision of HET Service Bulletin SB-065.
4. Record any replacement activity and compliance with this Service Bulletin in the engine logbook.



General Aviation
Manufacturers Association

ISSUED			REVISED			PAGE NO.	REVISION
MO	DAY	YEAR	MO	DAY	YEAR	1 of 17	--
06	17	16	--	--	--		

Table 1
Affected Lycoming Engine Models, Engine Serial Numbers,
Fuel Pump Part Numbers and Fuel Pump Serial Numbers

Engine Model	Engine Serial Number	Fuel Pump P/N	Fuel Pump S/N
HIO-360-F1AD	L-28975-51A	62D26035	H-QLN028FP
HIO-360-F1AD	L-32665-51A	62D26035	H-SAN057FP
HIO-360-F1AD	L-36497-51A	62D26035	H-RHN044FP
HIO-360-F1AD	L-36500-51A	62D26035	H-RHN038FP
HIO-360-F1AD	L-36691-51A	62D26035	H-SBN029FP
HIO-360-F1AD	RL-29959-51A	62D26035	H-RHN040FP
TIO-360-C1A6D	L-258-64A	62D26035	H-RBN029FP
TIO-360-C1A6D	L-259-64A	62D26035	H-RBN031FP
TIO-360-C1A6D	L-260-64A	62D26035	H-RIN029FP
TIO-360-C1A6D	L-261-64A	62D26035	H-RHN041FP
TIO-360-C1A6D	L-262-64A	62D26035	H-RKN041FP
TIO-360-C1A6D	L-263-64A	62D26035	H-RKN039FP
TIO-360-C1A6D	L-265-64A	62D26035	H-RLN023FP
TIO-360-C1A6D	L-266-64A	62D26035	H-SAN055FP
TIO-360-C1A6D	L-267-64A	62D26035	H-SAN056FP
TIO-360-C1A6D	RL-224-64A	62D26035	H-RBN028FP
TIO-360-C1A6D	RL-232-64A	62D26035	H-REN035FP
AEIO-540-L1B5D	L-25323-48E	62D26036	H-RAN056FP
AEIO-540-L1B5D	RL-27753-48E	62D26036	H-RGN081FP
AEIO-540-L1B5D	RL-6688-48E	62D26036	H-RAN055FP
IO-540-K1B5	L-11629-48E	62D26032	H-RDN022FP
IO-540-X250	L-1761-X	62D26032	H-QKN030FP
IO-540-K1A5	L-27077-48E	62D26032	H-RGN027FP
IO-540-K1A5	L-27180-48E	62D26032	H-RKN047FP
IO-540-K1A5	L-28088-48E	62D26032	H-RLN005FP
IO-540-K1A5	L-28181-48E	62D26032	H-RJN018FP
IO-540-K1B5	L-28204-48E	62D26032	H-SAN090FP
IO-540-K1B5	L-28237-48E	62D26032	H-RLN004FP
IO-540-K1B5	L-28441-48E	62D26032	H-RLN030FP
IO-540-K1B5	L-31189-48E	62D26032	H-QKN005FP
IO-540-K1B5	L-31450-48E	62D26032	H-QLN021FP
IO-540-K1B5	L-35832-48E	62D26032	H-QKN001FP
IO-540-K1B5	L-35835-48E	62D26032	H-QKN004FP
IO-540-K1B5	L-35837-48E	62D26032	H-QKN003FP
IO-540-K1B5	L-35842-48E	62D26032	H-QKN002FP
IO-540-K1A5	L-35853-48E	62D26032	H-QKN029FP
IO-540-K1A5	L-35854-48E	62D26032	H-QKN006FP
IO-540-K1K5	L-35864-48E	62D26032	H-QLN017FP
IO-540-K1K5	L-35872-48E	62D26032	H-QLN062FP
IO-540-K1A5	L-35875-48E	62D26032	H-RAN017FP

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	2 of 17	--	
06	17	16	--	--	--			

Table 1 (Cont.)
Affected Lycoming Engine Models, Engine Serial Numbers,
Fuel Pump Part Numbers and Fuel Pump Serial Numbers

Engine Model	Engine Serial Number	Fuel Pump P/N	Fuel Pump S/N
IO-540-K1A5	L-35876-48E	62D26032	H-RAN001FP
IO-540-K1K5	L-35904-48E	62D26032	H-RBN022FP
IO-540-K1K5	L-35905-48E	62D26032	H-RBN026FP
IO-540-K1A5	L-35907-48E	62D26032	H-RBN024FP
IO-540-K1A5	L-35908-48E	62D26032	H-RBN025FP
IO-540-K1A5	L-35912-48E	62D26032	H-RBN023FP
IO-540-K1A5	L-35916-48E	62D26032	H-RBN021FP
IO-540-K1A5	L-35926-48E	62D26032	H-RCN023FP
IO-540-K1K5	L-35932-48E	62D26032	H-RCN021FP
IO-540-K1K5	L-35933-48E	62D26032	H-RCN022FP
IO-540-K1K5	L-35950-48E	62D26032	H-RDN001FP
IO-540-K1K5	L-35951-48E	62D26032	H-RDN007FP
IO-540-K1A5	L-35952-48E	62D26032	H-RDN005FP
IO-540-K1A5	L-35964-48E	62D26032	H-RDN017FP
IO-540-K1K5	L-36014-48E	62D26032	H-REN051FP
IO-540-K1K5	L-36017-48E	62D26032	H-REN049FP
IO-540-K1K5	L-36018-48E	62D26032	H-REN050FP
IO-540-K1K5	L-36022-48E	62D26032	H-REN052FP
IO-540-K1A5	L-36053-48E	62D26032	H-REN048FP
IO-540-K1A5	L-36180-48E	62D26032	H-RGN022FP
IO-540-K1K5	L-36232-48E	62D26032	H-RGN024FP
IO-540-K1K5	L-36233-48E	62D26032	H-RGN030FP
IO-540-K1B5	L-36234-48E	62D26032	H-RGN026FP
IO-540-K1K5	L-36236-48E	62D26032	H-RGN075FP
IO-540-K1B5	L-36237-48E	62D26032	H-RGN029FP
IO-540-K1K5	L-36238-48E	62D26032	H-RGN076FP
IO-540-K1A5	L-36245-48E	62D26032	H-RKN048FP
IO-540-K1A5	L-36246-48E	62D26032	H-RLN002FP
IO-540-K1A5	L-36250-48E	62D26032	H-RLN003FP
IO-540-K1A5	L-36263-48E	62D26032	H-SAN086FP
IO-540-K1A5	L-36264-48E	62D26032	H-SAN087FP
IO-540-K1B5	L-36267-48E	62D26032	H-SAN084FP
IO-540-K1B5	L-4701-48E	62D26032	H-QLN022FP
IO-540-K1A5	L-5335-48E	62D26032	H-QLN019FP
IO-540-K1B5	RL-10473-48E	62D26032	H-RDN018FP
IO-540-K1A5	RL-13458-48E	62D26032	H-QLN020FP
IO-540-K1A5	RL-15550-48E	62D26032	H-RGN055FP
IO-540-K1B5	RL-15587-48E	62D26032	H-RAN013FP

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	3 of 17	--	
06	17	16	--	--	--			

Table 1 (Cont.)
Affected Lycoming Engine Models, Engine Serial Numbers,
Fuel Pump Part Numbers and Fuel Pump Serial Numbers

Engine Model	Engine Serial Number	Fuel Pump P/N	Fuel Pump S/N
IO-540-K1K5	RL-16849-48E	62D26032	H-RAN016FP
IO-540-K1K5	RL-17351-48E	62D26032	H-RAN015FP
IO-540-K1A5	RL-18637-48E	62D26032	H-RGN057FP
IO-540-K1A5	RL-1922-48E	62D26032	H-RAN003FP
IO-540-K1A5	RL-19716-48E	62D26032	H-RGN073FP
IO-540-R1A5	RL-19780-48E	62D26030	H-RGN014FP
IO-540-K1A5	RL-21261-48E	62D26032	H-RDN006FP
IO-540-K1B5	RL-21721-48E	62D26032	H-RDN023FP
IO-540-K1B5	RL-25356-48E	62D26032	H-RDN024FP
IO-540-S1A5	RL-26010-48E	62D26034	H-RGN020FP
IO-540-S1A5	RL-26054-48E	62D26034	H-RGN019FP
IO-540-K1B5	RL-26175-48E	62D26032	H-RGN033FP
IO-540-K1A5	RL-26275-48E	62D26032	H-RGN031FP
IO-540-K1B5	RL-26320-48E	62D26032	H-RGN069FP
IO-540-K1K5	RL-26649-48E	62D26032	H-RGN025FP
IO-540-K1A5	RL-26655-48E	62D26032	H-RKN046FP
IO-540-K1A5	RL-26664-48E	62D26032	H-RGN070FP
IO-540-R1A5	RL-26681-48E	62D26030	H-RAN018FP
IO-540-K1A5	RL-26746-48E	62D26032	H-RGN034FP
IO-540-K1A5	RL-26762-48E	62D26032	H-RGN021FP
IO-540-K1A5	RL-26781-48E	62D26032	H-RGN078FP
IO-540-K1A5	RL-27478-48E	62D26032	H-RGN023FP
IO-540-K1A5	RL-27805-48E	62D26032	H-RGN077FP
IO-540-K1A5	RL-27970-48E	62D26032	H-RGN074FP
IO-540-K1B5	RL-28108-48E	62D26032	H-RGN079FP
IO-540-K1B5	RL-28112-48E	62D26032	H-RJN019FP
IO-540-K1A5	RL-28142-48E	62D26032	H-RJN016FP
IO-540-K1A5	RL-28233-48E	62D26032	H-RJN017FP
IO-540-K1A5D	RL-28238-48E	62D26035	H-SAN058FP
IO-540-K1B5	RL-28398-48E	62D26032	H-RLN029FP
IO-540-K1A5	RL-28859-48E	62D26032	H-REN045FP
IO-540-K1A5	RL-31479-48E	62D26032	H-QLN018FP
IO-540-K1A5	RL-32966-48E	62D26032	H-QLN061FP
IO-540-K1A5	RL-34446-48E	62D26032	H-RAN012FP
IO-540-K1A5	RL-6452-48E	62D26032	H-RCN020FP
IO-540-K1B5	RL-8809-48E	62D26032	H-RBN020FP
IO-540-K1A5	RL-8823-48E	62D26032	H-RCN019FP
IO-540-K1B5	RL-9527-48E	62D26032	H-RBN016FP
TIO-540-AK1A	L-14052-61A	62D26037	H-QKN041FP

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	4 of 17	--	
06	17	16	--	--	--			

Table 1 (Cont.)
Affected Lycoming Engine Models, Engine Serial Numbers,
Fuel Pump Part Numbers and Fuel Pump Serial Numbers

Engine Model	Engine Serial Number	Fuel Pump P/N	Fuel Pump S/N
TIO-540-AK1A	L-14053-61A	62D26037	H-QLN026FP
TIO-540-AK1A	L-14087-61A	62D26037	H-REN018FP
TIO-540-AK1A	RL-10214-61A	62D26037	H-RDN019FP
TIO-540-AK1A	RL-13132-61A	62D26037	H-RHN030FP
TIO-540-AF1B	RL-2968-61A	62D26037	H-REN034FP
TIO-540-AK1A	RL-2977-61A	62D26037	H-RIN033FP
TIO-540-AB1AD	RL-3150-61A	62D26036	H-RBN004FP
TIO-540-AK1A	RL-3482-61A	62D26037	H-RHN024FP
TIO-540-AK1A	RL-3591-61A	62D26037	H-REN011FP
TIO-540-AK1A	RL-4009-61A	62D26037	H-RGN007FP
TIO-540-AK1A	RL-4873-61A	62D26037	H-RFN031FP
TIO-540-AF1B	RL-5934-61A	62D26037	H-RFN032FP
TIO-540-AK1A	RL-6167-61A	62D26037	H-QLN024FP
TIO-540-AK1A	RL-6896-61A	62D26037	H-REN019FP
TIO-540-AK1A	RL-7244-61A	62D26037	H-RFN036FP
TIO-540-AK1A	RL-7501-61A	62D26037	H-RGN009FP
TIO-540-AK1A	RL-7597-61A	62D26037	H-RHN023FP
TIO-540-AK1A	RL-7670-61A	62D26037	H-RGN008FP
TIO-540-AK1A	RL-8045-61A	62D26037	H-RHN020FP
TIO-540-AK1A	RL-8066-61A	62D26037	H-RGN004FP
TIO-540-AK1A	RL-8417-61A	62D26037	H-RHN029FP
TIO-540-AK1A	RL-8617-61A	62D26037	H-RFN035FP
TIO-540-AK1A	RL-9013-61A	62D26037	H-RGN013FP
TIO-540-AF1B	RL-9239-61A	62D26037	H-RIN037FP
TIO-540-AF1B	RL-9264-61A	62D26037	H-RGN005FP
TIO-540-AF1B	RL-9344-61A	62D26037	H-RHN028FP
TIO-540-AF1B	RL-9721-61A	62D26037	H-RIN036FP
TIO-540-AK1A	RL-9753-61A	62D26037	H-RAN037FP
TIO-540-AK1A	RL-9982-61A	62D26037	H-RIN038FP

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	5 of 17	--	
06	17	16	--	--	--			

Table 2
Fuel Pump Spare Parts Shipped from Lycoming

Lycoming P/N	Fuel Pump S/N
62D26032	H-QLN016FP
62D26032	H-RAN002FP
62D26032	H-RDN002FP
62D26032	H-RDN003FP
62D26032	H-RDN004FP
62D26032	H-RDN008FP
62D26032	H-RDN009FP
62D26032	H-RDN010FP
62D26032	H-RDN011FP
62D26032	H-RDN013FP
62D26032	H-RDN014FP
62D26032	H-RDN015FP
62D26032	H-RDN016FP
62D26032	H-RDN021FP
62D26032	H-RDN051FP
62D26032	H-RDN052FP
62D26032	H-RDN053FP
62D26032	H-RDN054FP
62D26032	H-RDN055FP
62D26032	H-REN044FP
62D26032	H-REN046FP
62D26032	H-REN047FP
62D26032	H-RGN001FP
62D26032	H-RGN002FP
62D26032	H-RGN056FP
62D26032	H-RGN071FP
62D26032	H-RGN072FP
62D26032	H-RKN009FP
62D26032	H-RLN026FP
62D26032	H-RLN027FP
62D26032	H-RLN028FP
62D26032	H-RLN031FP
62D26032	H-RLN032FP
62D26032	H-SAN083FP
62D26032	H-SAN085FP
62D26032	H-SAN088FP
62D26032	H-SAN089FP
62D26035	H-QLN029FP
62D26035	H-QLN030FP
62D26035	H-QLN031FP
62D26035	H-RBN030FP
62D26035	H-RDN012FP
62D26035	H-REN034FP
62D26035	H-REN063FP
62D26035	H-REN064FP

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	6 of 17	--	
06	17	16	--	--	--			

Table 2 (Cont.)
Fuel Pump Spare Parts Shipped from Lycoming

Lycoming P/N	Fuel Pump S/N
62D26035	H-RFN005FP
62D26035	H-RFN006FP
62D26035	H-RFN007FP
62D26035	H-RFN008FP
62D26035	H-RFN009FP
62D26035	H-RFN030FP
62D26035	H-RHN042FP
62D26035	H-RHN043FP
62D26035	H-RIN030FP
62D26035	H-RKN035FP
62D26035	H-RKN036FP
62D26035	H-RKN040FP
62D26035	H-RLN024FP
62D26035	H-SBN030FP
62D26036	H-RBN027FP
62D26037	H-QLN025FP
62D26037	H-RAN033FP
62D26037	H-RAN034FP
62D26037	H-RAN035FP
62D26037	H-RAN036FP
62D26037	H-RDN020FP
62D26037	H-RDN026FP
62D26037	H-RDN027FP
62D26037	H-RDN028FP
62D26037	H-RDN056FP
62D26037	H-RDN057FP
62D26037	H-REN001FP
62D26037	H-REN002FP
62D26037	H-REN003FP
62D26037	H-REN010FP
62D26037	H-REN012FP
62D26037	H-REN013FP
62D26037	H-REN014FP
62D26037	H-REN015FP
62D26037	H-REN016FP
62D26037	H-REN017FP
62D26037	H-REN020FP
62D26037	H-REN021FP
62D26037	H-REN022FP
62D26037	H-REN023FP
62D26037	H-REN045FP
62D26037	H-REN053FP
62D26037	H-REN055FP

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	7 of 17	--	
06	17	16	--	--	--			

Table 2 (Cont.)
Fuel Pump Spare Parts Shipped from Lycoming

Lycoming P/N	Fuel Pump S/N
62D26037	H-REN056FP
62D26037	H-REN057FP
62D26037	H-REN058FP
62D26037	H-REN059FP
62D26037	H-REN060FP
62D26037	H-REN061FP
62D26037	H-REN062FP
62D26037	H-RFN033FP
62D26037	H-RFN037FP
62D26037	H-RGN003FP
62D26037	H-RGN006FP
62D26037	H-RGN010FP
62D26037	H-RGN011FP
62D26037	H-RHN013FP
62D26037	H-RHN014FP
62D26037	H-RHN015FP
62D26037	H-RHN016FP
62D26037	H-RHN017FP
62D26037	H-RHN018FP
62D26037	H-RHN019FP
62D26037	H-RHN021FP
62D26037	H-RHN022FP
62D26037	H-RHN025FP
62D26037	H-RHN026FP
62D26037	H-RHN027FP
62D26037	H-RIN034FP
62D26037	H-RIN035FP
62D26037	H-RIN039FP
62D26037	H-SAN070FP
62D26037	H-SAN071FP
62D26037	H-SAN072FP
62D26037	H-SAN073FP
62D26037	H-SBN011FP
62D26037	H-SBN012FP

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	8 of 17	--	
06	17	16	--	--	--			



2900 Selma Highway
Montgomery, AL 36108 USA
Tel: 334-386-5400 Fax: 334-386-5450
<http://www.hartzell.aero>

Service Bulletin

Service Bulletin No. 065

201F Fuel Pump Valve Housing Cap Screw Replacement

1. Planning Information

A. Effectivity

- (1) Hartzell Engine Technologies LLC (HET) 201F Series Fuel Pump P/N's 201F-5001, 201F-5002, 201F-5003, 201F-5004, 201F-5005, 201F-5006, 201F-5007, and 201F-5008 used on Lycoming engines listed in Table 1* are affected by this service bulletin.
 - a. Serial number fuel pumps from H-QKN001FP through H-SCN001FP are affected by this service bulletin. The affected units may be new or overhauled.
 - b. Any serial number fuel pump that has complied with HET Service Letter SL 048 prior to March 1, 2015 is affected by this service bulletin.

* Engine applications may include but are not limited to those listed in Table 1.

WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THE APPLICABLE AIRCRAFT AND/OR ENGINE MAINTENANCE MANUAL (MM) AND THIS SERVICE BULLETIN (SB). INFORMATION CONTAINED IN THE MM AND THE SB MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. 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 APPLICABLE MM INDEX AND THE HET WEBSITE FOR THE MOST RECENT REVISION LEVELS.

B. Concurrent Requirements

- (1) Compliance with HET SB 041 Rev. A, SB 045, and SB 056 Rev. 1 or most current revision thereof if prior compliance has not previously been accomplished.

C. Reason

- (1) Fuel weepage at the fuel pump valve housing parting seams has been observed. This condition may be due to the cap screws bottoming out before reaching full clamping load.
- (2) If fuel weepage exists at the valve housing, fuel dye stains may appear at the upper and lower seam where the cover, valve, and pump housing meet.
- (3) Replacement of the four (4) existing pump assembly cap screws part number NAS1352C3H22 with four (4) shorter cap screws part number NAS1352C3H20 is required.
- (4) Regulatory action is unknown.

D. Description

- (1) This Service Bulletin provides Instructions for Continued Airworthiness (ICA).
- (2) This Service Bulletin provides instructions for the replacement of the four (4) existing fuel pump assembly cap screws in affected 201F Series Fuel Pumps.

Rev. New: August 31/15
© 2015 - Hartzell Engine Technologies. - All rights reserved

SB 065
Page 1 of 6

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	9 of 17	--	
06	17	16	--	--	--			

Service Bulletin

Service Bulletin No. 065

201F Fuel Pump Valve Housing Cap Screw Replacement

E. Compliance

- (1) At the next regularly scheduled inspection or twelve (12) months after the effective date of this Service Bulletin, whichever occurs first, replace the 201F fuel pump assembly cap screws in accordance with the Accomplishment Instructions of this Service Bulletin.
- (2) Replacement of the four (4) 201F fuel pump assembly cap screws in accordance with the Accomplishment Instructions is the terminating action for this Service Bulletin.

F. Approval

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

G. Manpower

- (1) Manpower is negligible for identification when performed in conjunction with regularly scheduled maintenance inspection required by the engine/aircraft manufacturer.
- (2) Up to one (1.0) hour labor* is required for replacement/torque of cap screws and Return to Service when performed in conjunction with regularly scheduled maintenance inspection.
- (3) If a fuel pump cooling cover is installed, up to one (1.0) hour labor* is required for removal and installation of the fuel pump cooling cover.

* Per engine if used on twin engine aircraft.

H. References

- (1) Applicable aircraft POH/AFM.
- (2) Aircraft maintenance manual (as applicable).
- (3) Lycoming engine Service Instructions or maintenance manual (for applicable model).
- (4) HET SL 048 Rev. 1 or latest revision.
- (5) The latest revisions of Service Bulletins:
 - a. SB 041 Rev. A
 - b. SB 045
 - c. SB 056 Rev. 1

I. Other Publications Affected

- (1) None

J. Weight and Balance

- (1) No Change

2. Material Required

- A. Four (4) each, Cap Screw, P/N NAS1352C3H20.
- B. Appropriate length of .032 inch stainless steel safety wire.
Optional use: Two (2) each, Safety-T-Cable™, HET P/N RX-1961.

SB 065

Page 2 of 6

Rev. New: August 31/15

© 2015 - Hartzell Engine Technologies. - All rights reserved

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	10 of 17	--	
06	17	16	--	--	--			

Service Bulletin

Service Bulletin No. 065

201F Fuel Pump Valve Housing Cap Screw Replacement

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 SERVICE BULLETIN AND THE APPLICABLE AIRCRAFT, ENGINE AND/OR HET 200201-0000 MAINTENANCE MANUAL. INFORMATION CONTAINED IN THESE MANUALS OR THIS SERVICE BULLETIN MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THE 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 SERVICE BULLETIN FOR GAINING ACCESS TO THE AIRCRAFT OR ENGINE. 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, proceed to 3.B Corrective Action. If the fuel pump is Not affected, proceed to 3.C Return to Service.
- (2) 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 an affected HET 201F fuel pump, proceed to 3.B Corrective Action.
 - b. If the unit IS NOT an affected HET 201F fuel pump and has no cooling cover, proceed to section 3.D Maintenance Record.
 - c. If the unit IS NOT an affected HET 201F fuel pump and the cooling cover was removed for identification, proceed to section 3.B(8) Corrective Action.

B. Corrective Action:

- (1) Corrective action of an affected fuel pump may be performed while the fuel pump is mounted on the engine if adequate space is available and the cooling cover removed (if applicable).
 - a. If space does not permit, remove the fuel pump from the engine in accordance with current engine/airframe maintenance manual or service instructions.
- (2) Cut and remove the safety wire or safety cable securing the cap screws.

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	11 of 17	--	
06	17	16	--	--	--			

Service Bulletin

Service Bulletin No. 065

201F Fuel Pump Valve Housing Cap Screw Replacement

- (3) Using a 5/32 inch allen wrench, remove an existing cap screw, retaining the flat washer in place.
- (4) Install a new shorter P/N NAS1352C3H20 cap screw and tighten snug but do not apply torque.
 - a. Repeat the removal and replacement of the remaining three cap screws one at a time, replacing each with a shorter cap screw.
- (5) 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).
- (6) Install .032 inch stainless steel safety wire or optional Safety-T-Cable™, HET P/N RX-1961 at the head of the cap screws. Tool requirements and Installation for Safety-T-Cable™ may be found at <http://www.dmctools.com>. Refer to Fig. 1.
- (7) If the fuel pump was removed from the engine for the corrective action, reinstall the fuel pump in accordance with current engine/airframe maintenance manual or service instructions.
- (8) Reinstall the fuel pump cooling cover and air hose (if applicable) in accordance with current engine/airframe maintenance manual or service instructions.

C. Return to Service

- (1) Perform the recommended fuel pump 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.

D. Maintenance Record

- (1) Make an aircraft logbook entry to indicate the completion of this Service Bulletin as applicable noting compliance with this Service Bulletin as terminating action.

4. Contact Information

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

SB 065

Page 4 of 6

Rev. New: August 31/15

© 2015 - Hartzell Engine Technologies. - All rights reserved

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	12 of 17	--	
06	17	16	--	--	--			

Service Bulletin

Service Bulletin No. 065

201F Fuel Pump Valve Housing Cap Screw Replacement

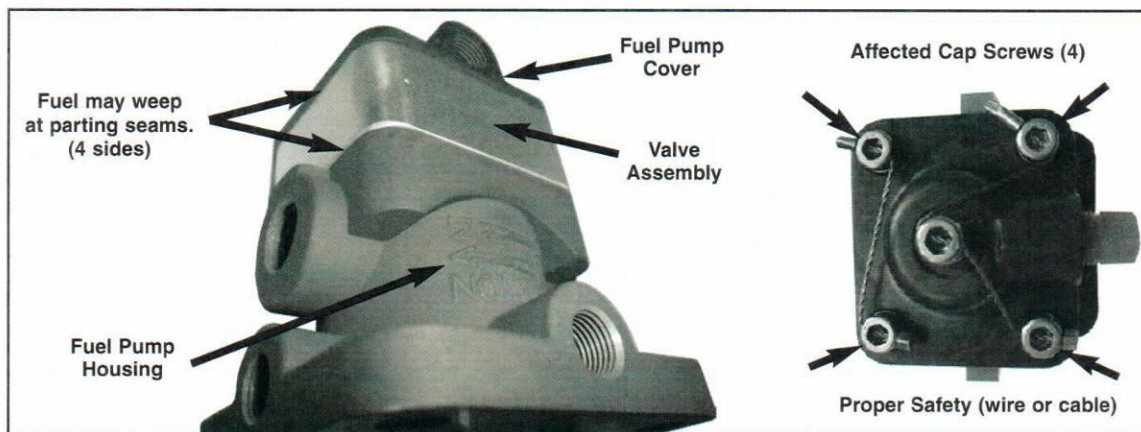


Figure 1 - 201F Fuel Pump Component Identification

Rev. New: August 31/15

© 2015 - Hartzell Engine Technologies. - All rights reserved

SB 065

Page 5 of 6

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR			
06	17	16	--	--	--	13 of 17	--	

Service Bulletin

Service Bulletin No. 065

201F Fuel Pump Valve Housing Cap Screw Replacement

Table 1 - Cross Reference & Engine Application*

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 1 is provided for reference only. Consult the engine maintenance manual or other service documentation for verification of part number and application.

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	14 of 17	--	
06	17	16	--	--	--			

Service Bulletin Appendix

Service Bulletin No. 065 Rev. New 201F Fuel Pump Valve Housing Screw Replacement

1. ELIGIBILITY:

- A. Hartzell Engine Technologies LLC (HET) 201F series fuel pump part numbers 201F-5001, 201F-5002, 201F-5003, 201F-5004, 201F-5005, 201F-5006, 201F-5007, and 201F-5008 with serial numbers from H-QKN001FP through H-SCN001FP.
- B. Any HET 201F fuel pump part number and serial number which has complied with SL 048 prior to March 1, 2015.

2. COMMERCIAL ASSISTANCE PROGRAM:

The following will be provided with submission of a completed SB 065 Rev. New Claim Form, invoice copies showing breakdown of labor charges, material and log book entries. **Any commercial assistance or other consideration shall expire twelve (12) calendar months from the date of issue of this Service Bulletin.**

- A. For an affected 201F Fuel Pump assembly, four (4) each, Cap Screw, HET P/N NAS1352C3H20 will be provided at no charge. (Per affected 201F fuel pump.)
- B. Labor for removal & installation of four (4) Cap Screws, on eligible 201F Fuel Pumps described in 1.A or 1.B above will be paid at a shop rate of up to US \$75 an hour up to the amount specified below:
 - (1) Up to one (1.0) hour labor for replacement/torque of cap screws and for Return to Service. (Per engine if used on twin engine aircraft.)
 - (2) If a fuel pump cooling cover is installed, up to one (1.0) hour labor for removal/installation of the fuel pump cooling cover. (Per engine if used on twin engine aircraft.)

3. COMMERCIAL ASSISTANCE ADMINISTRATION:

- A. Complete the Service Bulletin SB 065 Rev. New Claim Form attached to this appendix.
 - (1) Mail, e-mail, or fax the SB 065 Rev. New Claim Form to the attention of Product Support as indicated on the Service Bulletin Claim Form.
- B. Upon receipt of the Service Bulletin Claim Form, Hartzell Engine Technologies LLC will ship four (4) each, Cap Screw, HET P/N NAS1352C3H20, to the service provider indicated. Service provider must return proof of service within thirty (30) days or the service provider shall be invoiced for the HET supplied Cap Screws. (Per affected 201F fuel pump.)
- C. For labor and material charges:
 - (1) Aircraft/engine service facility to submit an invoice up to the amount specified in section 2.B and copies of logbook entries for reimbursement.

4. WARRANTY STATEMENT:

- A. The sole warranty for the actions of SB 065 Rev. New are contained in the HET Limited Warranty Policy issued with the purchase of each new/overhauled 201F Fuel Pumps (see terms and conditions therein).
- B. Commercial assistance may apply as stated in this Appendix.
- C. Issuance of SB 065 Rev. New 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.

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	15 of 17	--	
06	17	16	--	--	--			

Service Bulletin Appendix

Service Bulletin No. 065 Rev. New
201F Fuel Pump Valve Housing Screw Replacement

5. CONTACT INFORMATION:

A. Contact HET Product Support for all communications regarding the technical content of this 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

SB 065

Appendix page 2 of 3

Rev. New: August 31/15

© 2015 - Hartzell Engine Technologies. - All rights reserved

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	16 of 17	--	
06	17	16	--	--	--			

Service Bulletin Appendix

Service Bulletin No. 065 Rev. New
201F Fuel Pump Valve Housing Screw Replacement

SB 065 Rev. New 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: _____

Component Information

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

Send this SB 065 Rev. New 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: _____

© 2015 - Hartzell Engine Technologies. - All rights reserved

Appendix page 3 of 3

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 624
MO	DAY	YEAR	MO	DAY	YEAR	17 of 17	--	
06	17	16	--	--	--			