

HARTZELL PROPELLER INC.
SERVICE LETTER

HC-SL-61-343

Product Category - Lubrication Procedure

1. Planning Information

A. Effectivity

- (1) All Hartzell Propeller Inc. propellers with aluminum hubs are affected by this Service Letter.

WARNING: DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE LETTER. INFORMATION CONTAINED IN THIS SERVICE LETTER MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE LETTER 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 SERVICE LETTER INDEX FOR THE MOST RECENT REVISION LEVEL OF THIS SERVICE LETTER.

B. Concurrent Requirements

- (1) Additional service documents may apply to the components/propellers affected by this Service Letter. Compliance with additional service documents may be necessary in conjunction with the completion of the Accomplishment Instructions in this Service Letter. Refer to the Hartzell Propeller Inc. website at www.hartzellprop.com for a cross-reference of service documents.

C. Reason

- (1) Limited clearance between the counterweight and a lubrication fitting can make lubrication of the propeller difficult.
- (2) Hartzell Propeller Inc. introduced a 45 degree lubrication fitting in Service Letter HC-SL-61-187.
- (3) The 45 degree lubrication fitting increased access to the lubrication fitting, but lubrication may still be difficult because of limited clearance between the hub and the blade counterweights.
- (4) Hartzell Propeller Inc. has found a new 90 degree grease gun fitting that can be installed at a 90 degree angle to the hub surface.

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D. Description

- (1) This Service Letter provides Additional Maintenance Information (AMI).
- (2) This Service Letter introduces a new 90 degree grease gun fitting to permit easier access to the lubrication fitting on Hartzell Propeller Inc. aluminum hub propellers.
- (3) For Hartzell Propeller Inc. HC-E5N-3C/NC8834(K) propeller, the clearance between the blade counterweight and the hub does not permit the use of the standard grease gun fitting. When lubricating this propeller model the 90 degree grease gun fitting must be used.

E. Approval

- (1) This technical document is approved by Hartzell Propeller Inc.

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F. References

- (1) Hartzell Propeller Inc. Service Letter HC-SL-61-187

G. Other Publications Affected

- (1) Hartzell Propeller Inc. Standard Practices Manual 202A (61-01-02)

2. Material Information

A. Special Tooling

- (1) The 90 degree grease gun fitting may be procured or is available from Hartzell Propeller Inc. P/N 105702. Refer to Figure 1.

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3. Accomplishment Instructions

A. The grease gun fitting may be used for lubrication of Hartzell Propeller Inc. aluminum hub propellers.

B. The grease gun fitting cannot be used with the C-6349 45 degree lubrication fitting.

C. Contact Information

Hartzell Propeller Inc.

Attn.: Hartzell Propeller Inc. Product Support

One Propeller Place

Piqua, Ohio 45356-2634 USA

Phone: (001) 937.778.4379

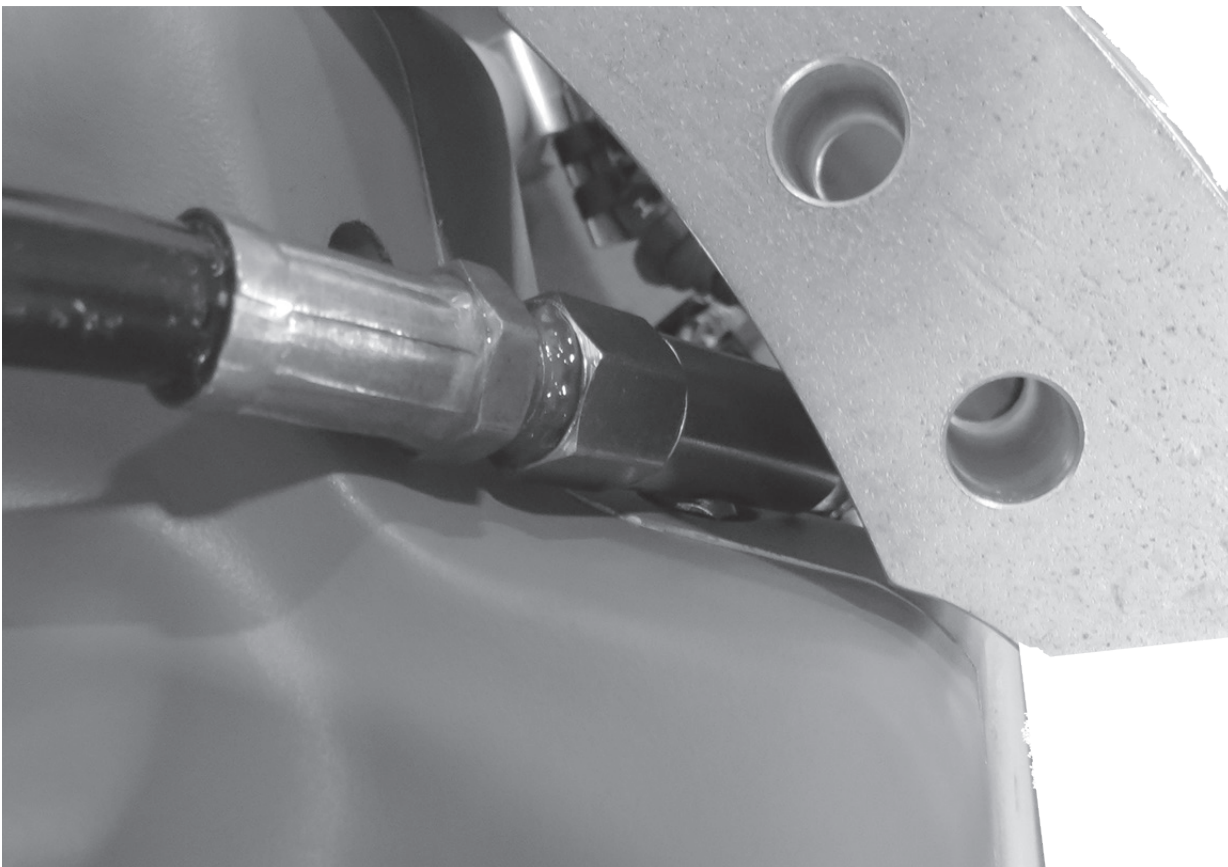
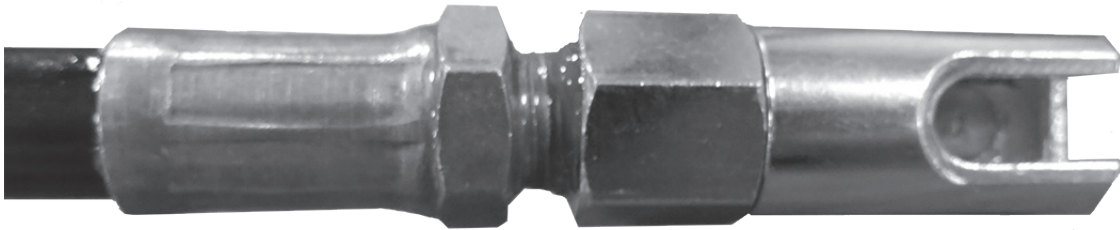
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**90 Degree Grease Gun Fitting
Figure 1**