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SERVICE INSTRUCTION

DATE: October 4, 2012 Service Instruction No. 1546
Engineering Aspects are
FAA Approved

SUBJECT: Specific Requirements for Installation and Removal of Electrical Lead on Hartzell Engine Technologies, LLC (Previously Kelly Aerospace) Starters

TIME OF COMPLIANCE: At each removal and installation of the starter electrical lead

MODELS AFFECTED: All Lycoming direct drive engines.

NOTE

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

This Service Instruction includes specific installation and removal requirements of the electrical leads for Hartzell Engine Technologies (HET), LLC starters.

Until further notice of a starter design change, during installation or removal of any Hartzell Engine Technologies, LLC starter or the removal of the starter electrical lead for other maintenance purposes, it is critical to hold the bottom nut on the starter stud (Figure 1) with a wrench to prevent this stud from rotating when torquing or removing the nut (on top of the stud) that attaches the power cable to the starter. Rotation of the starter stud identified in Figure 1 will cause internal damage to the starter. Torque the nuts to 40 in.-lb (4.624 Nm).

NOTE

The nuts must be correctly torqued when connecting and torquing the electrical lead to the starter. Refer to Figure 1.



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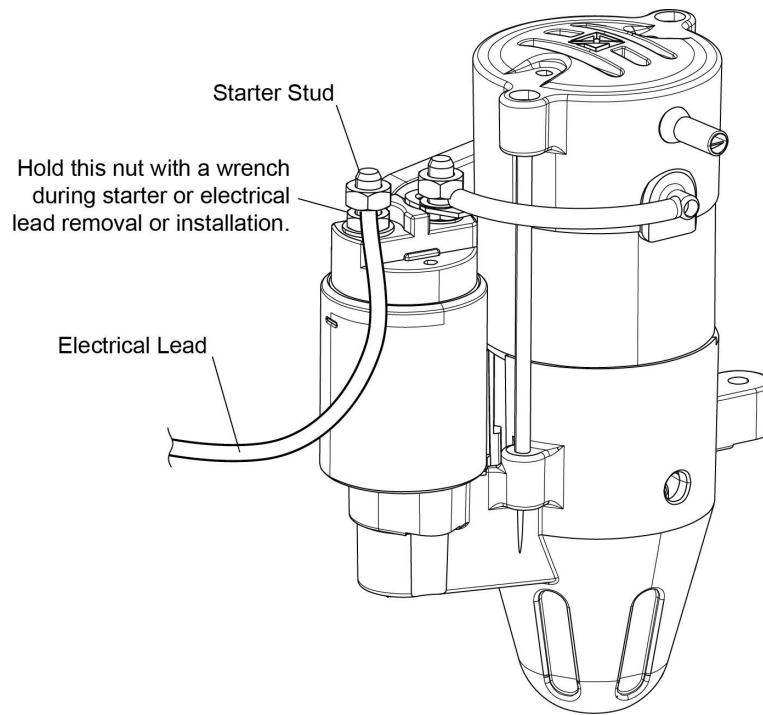


Figure 1
Starter with Electrical Lead Connected

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