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# MANDATORY

# SERVICE BULLETIN

DATE: May 18, 2026 Service Bulletin No. 668

SUBJECT: Starter Wire Contact with Fuel Servo.

MODELS AFFECTED: IO-390-C3B6 with 61P31530 (Airflow Performance) Fuel Injection Servo and 31B26554 (Skytech 149NL-EC) Starter installed.

TIME OF COMPLIANCE: The Next 50-hour inspection or when the cowling is removed.

**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 provides Instructions for Continued Airworthiness (ICA).**

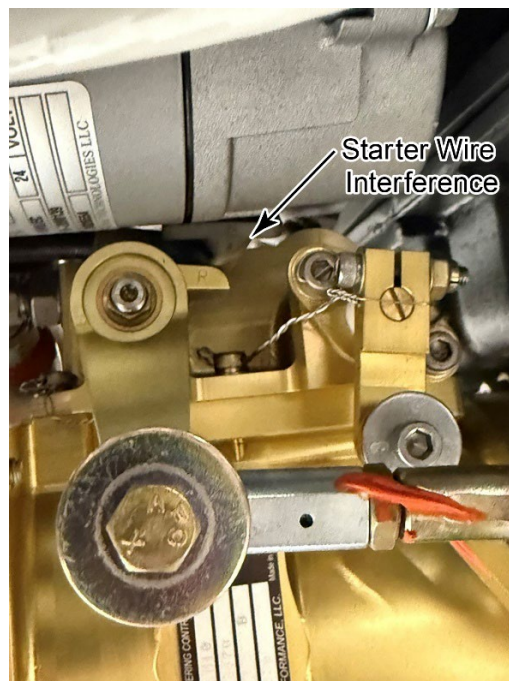
Lycoming Engines has determined from field reports that the starter wiring can interfere with the fuel injection servo.

**WARNING:** YOU MUST COMPLETE THE “REQUIRED ACTION” IN THIS SERVICE BULLETIN TO ENSURE THAT THE STARTER WIRING DOESN’T CONTACT THE FUEL SERVO LINKAGES.

**Required Action:**

Inspect for clearance between the mixture control and starter wires. No contact should exist with full actuation of the mixture control, refer to figure 1.

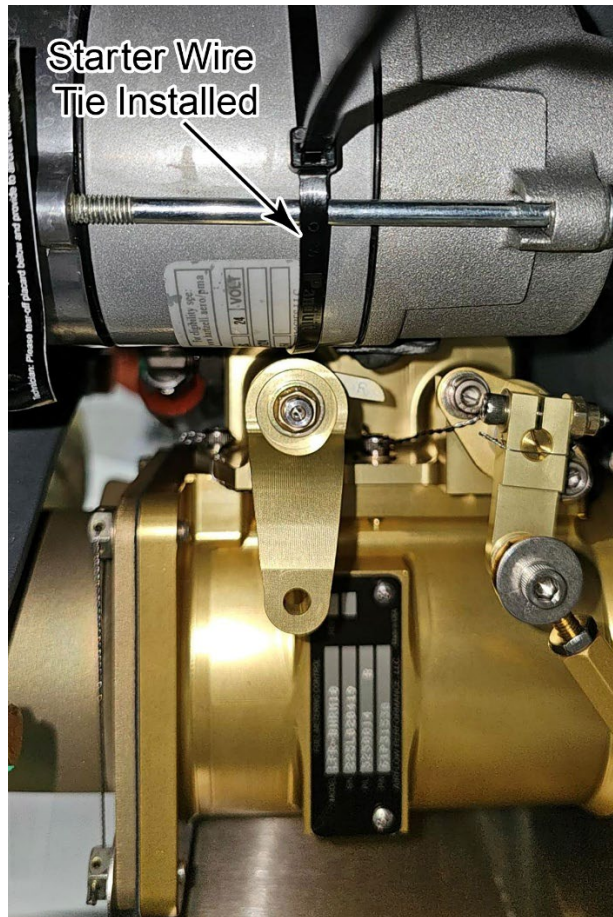
**Figure 1:**



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Install high temp zip tie over starter and starter wire to create gap between starter wire and fuel servo. Routing and securing should prevent the wiring contact even when deflected by gentle hand pressure, refer to figure 2.

**Figure 2:**



Use Fastenal, PN PLT4S-M30 or equivalent tie.

Inspect zip tie annually or in 100hr intervals, whichever comes first until terminating action is applied.

**Terminating action will be installing a 31B26553 (Hartzell 149NL/ECM) starter.**

If you have any questions, contact Lycoming Technical Support by phone at 570-327-7222 or 877-839-7878 or by email to [Technicalsupport@lycoming.com](mailto:Technicalsupport@lycoming.com).

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