



Laura Abraham
Air Safety Investigator
Central Region

Date: October 29, 2025

Subject: N7191B

Contact: David Harsanyi, Air Safety Investigator, Lycoming Engines

In a telephone conversation with Mr. Harsanyi, he stated that when engine cylinders are removed and/or reinstalled, the bolts that secure the intake manifold system to the engine block need to be removed to manipulate the cylinders.

If the bolts are not properly reinstalled to their correct torque value, unmetered air could be introduced into the engine resulting in an overly lean fuel/air mixture. An overly lean mixture could damage cylinder valves over time.

Mr. Harsanyi also stated that the torque of the bolts that secure the intake manifold to the block cylinders may not be routinely inspected during annual or 100 hour inspections.

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