

Date: 09/10/2014

Subject: SL13641 Magneto Drive Cushion

Application: This Service Letter applies to the engines listed in the table below:

Magneto Drive Cushion	Engine Application
SL13641	O-360-A1AD, -A1F6D, -A1G6D, -A1LD, -A3AD, -A5AD IO-360-A1B6D, -A3B6D, -J1A6D TO-360-C1A6D TIO-360-C1A6D HIO-360-E1AD, -E1BD, -F1AD LO-360-A1G6D O-540-H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D IO-540-C4D5D, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D, -L1C5 TIO-540-F2BD, -J2BD, -N2BD, -R2AD, -S1AD, -V2AD, -AB1AD, -AA1AD LTIO-540-F2BD, -J2BD, -N2BD, -R2AD, -V2AD AEIO-540-D4B5, -L1B5D IO-720-B1BD

Compliance: At overhaul or anytime at owner's discretion.

It has come to Superior Air Parts' attention through feedback reports that the SL13641 magneto drive cushions may have fit issues with the magneto drive gears.

Lycoming has changed the designs on the magneto gear and cushion for the listed engines (Refer to LYC SI 1299B). This new design uses smaller slots in the drive gear and therefore the corresponding new cushion.

The new Lycoming Engines magneto drive cushion part number is 68H22624, and it is only used with LW-13899 or LW-13643 magneto drive gears. Superior Air Parts SL13641 cushion only fits Lycoming Engines with the LW-13642 drive gear. These two cushions are not interchangeable.

Please confirm the magneto drive gear part number before installing the cushions. Unmatched cushions and gear could result in mechanical failures of magneto parts or the magneto itself.