

>>> Service Letter

Technical Aspects are FAA Approved

Number: L01-18B

Replaces L01-18A

Date: 8/14/2007

Subject: Overhaul and repair procedures for Superior Magneto Gear.

Application:

MAGNETO GEAR	ENGINE APPLICATIONS
SL61665 SL68C19622	See Superior Service Letter No. L01-17, latest revision

Compliance: At any time the above gear is removed for overhaul and repair.

Gear Assembly:

The Superior magneto gear is machined from aircraft quality SAE 8600 series alloy steel, carburized and precision ground to finished dimensions.

Inspection:

The gear should be visually inspected for abnormal wear or damage, paying close attention to the gear teeth. The gear is to be magnetic particle inspected per ASTM E 1444 and accepted per MIL-STD-1907, Grade A (or other FAA approved repair station procedures). The allowable hole size and gear back lash are shown in Figure 1 or Figure 2 as applicable by part number.