

**>>> Service Letter**

Technical Aspects are FAA Approved

**Number: L01-04 B**

**Replaces ServL101-004 A**

**Date:** 10/11/2006

**Subject:** Overhaul and repair of Superior Oil Sump

**Application:**

<b>Oil Sump Assembly</b>	<b>ENGINE APPLICATIONS</b>
SL78915 SL13861	Refer to Superior Service Letter No. L01-03, Latest Revision

**Compliance:** At any time the Oil Sump Assembly is removed for overhaul or repair.

Oil Sump Assembly:

The Superior Oil Sump Housing is precision machined from a high quality AMS 4214 aluminum alloy casting. The Superior PMA intake pipes are made from stainless steel to prevent corrosion. The studs and pipe plugs are PMA or MS parts.

Inspection:

Clean the oil screen cavity and the oil passage. The aluminum housing must be subjected to fluorescent penetrant inspection per AMS 2645 and accepted per MIL-STD-1907, grade B (or other FAA approved repair station procedure). Studs and intake pipes must be inspected for damage and replaced as necessary. When any of the 1/2" pipe plugs are removed, such as for draining the oil, apply Aviation Form-A-Gasket, or equivalent, to the plug threads before re-installing. Figure 1 provides replacement part numbers and installation instructions.

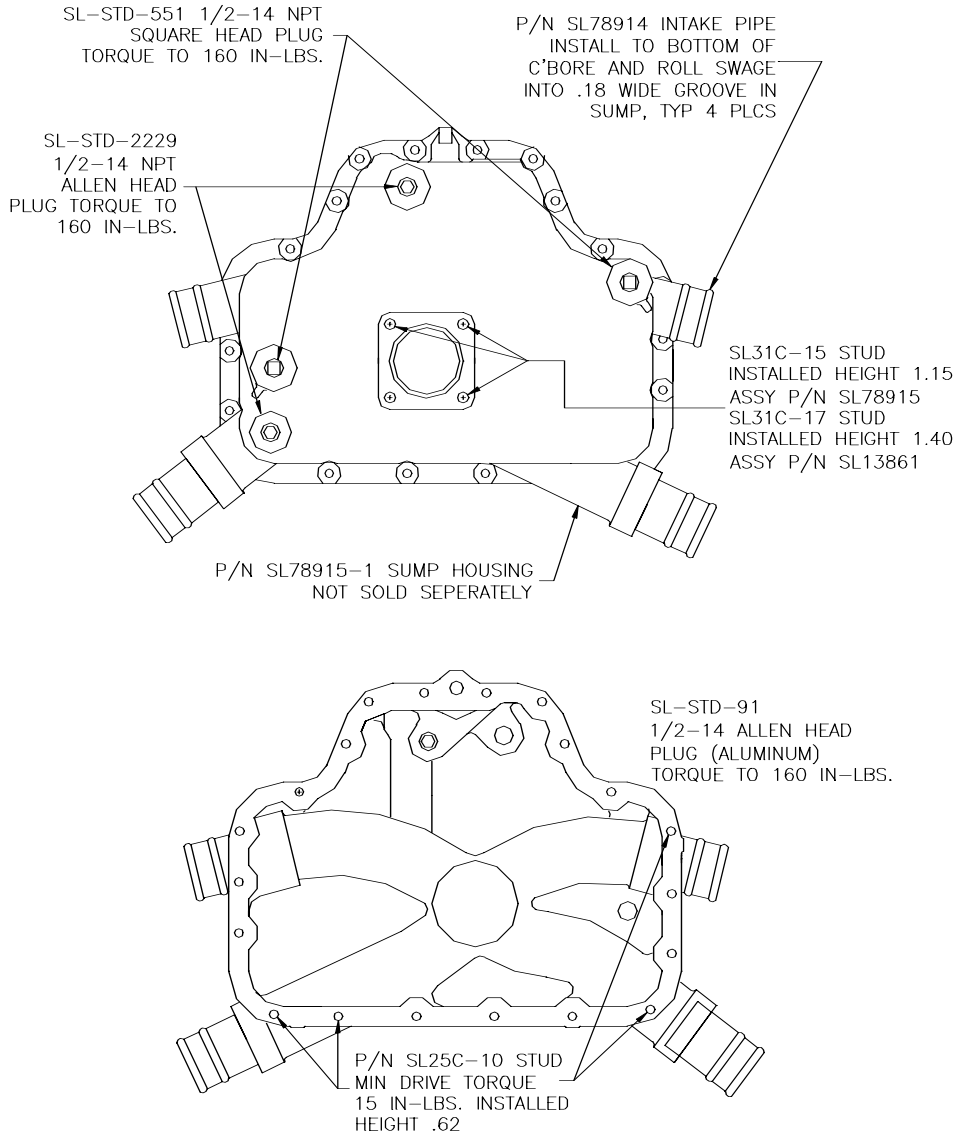


Figure 1  
Oil Sump Assembly