

**MANDATORY**  
**SERVICE BULLETIN**

DATE: August 30, 2000

Service Bulletin No. 543A  
(Supersedes Service Bulletin No. 543)  
Engineering Aspects are  
FAA Approved

SUBJECT: Oil Filter Converter Plate Gasket Replacement

MODELS AFFECTED: **NOTE: THIS SERVICE BULLETIN AFFECTS THE FOLLOWING TEXTRON LYCOMING AIRCRAFT ENGINE MODELS ONLY IF THEY SHIPPED FROM THE FACTORY AFTER APRIL 1, 1999 OR HAVE HAD FIELD REPLACEMENT OF THE OIL FILTER CONVERTER PLATE P/N LW-13904 AND/OR OIL FILTER CONVERTER PLATE GASKET P/N LW-13388 AFTER APRIL 1, 1999.**

**O-320**-H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD;  
**(L)O-360**-A1AD, -A1F6D, -A1G6D, -A1LD, -A3AD, -A4AD, -A5AD, -E1A6D;  
**IO-360**-A1B6D, -A1D6D, -A3B6D, -A3D6D, -C1E6D, -J1AD, -J1A6D;  
**(L)TO-360**-A1A6D, -C1A6D, -E1A6D, -F1A6D;  
**TIO-360**-C1A6D;  
**(L)HIO-360**-E1AD, -E1BD, -F1AD;  
**O-540**-H1A5D, -H1B5D, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5D, -J3C5D, -L3C5D;  
**IO-540**-C4D5D, -K1A5D, -K1B5D, -K1E5D, -K1F5D, -K1G5D, -K1J5D, -L1A5D, -L1B5D, -M1A5D, -M1B5D, -M2A5D, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D;  
**(L)TIO-540**-K1AD, -S1AD, -AA1AD, -AB1AD, -AB1BD, -F2BD, -J2BD, -N2BD, -R2AD, -T2AD, -V2AD;  
**AEIO-540**-L1B5D;  
**TIO-541**-E Series; **TIGO-541**-D1A, -D1B, -E1A;  
**IO-720**-A1BD, -B1BD, -C1BD, -D1BD, -D1CD

TIME OF COMPLIANCE: Before further flight and at each 50 hour oil change thereafter.

Textron Lycoming has received reports indicating that operation at high oil temperatures can cause the converter plate gasket on the oil filter base to become extruded from its seat, allowing oil to leak out between the plate and the accessory housing.

Textron Lycoming requires the following:

1. Remove the oil filter and the converter plate (Figure 1). Remove the gasket from the plate in accordance with Textron Lycoming Service Instruction No. 1453.
2. Replace the gasket with a new gasket P/N LW-13388. Bond the gasket in place and reinstall plate per Textron Lycoming Service Instruction No. 1453. Reinstall oil filter.
3. Make appropriate logbook entry of compliance.
4. Replace this gasket at every 50 hour oil change thereafter per this Service Bulletin.

## WARRANTY:

Comply with normal Textron Lycoming Warranty procedures through a Textron Lycoming distributor. Warranty is available for the oil filter converter plate gasket (P/N LW-13388) and up to two hours labor.

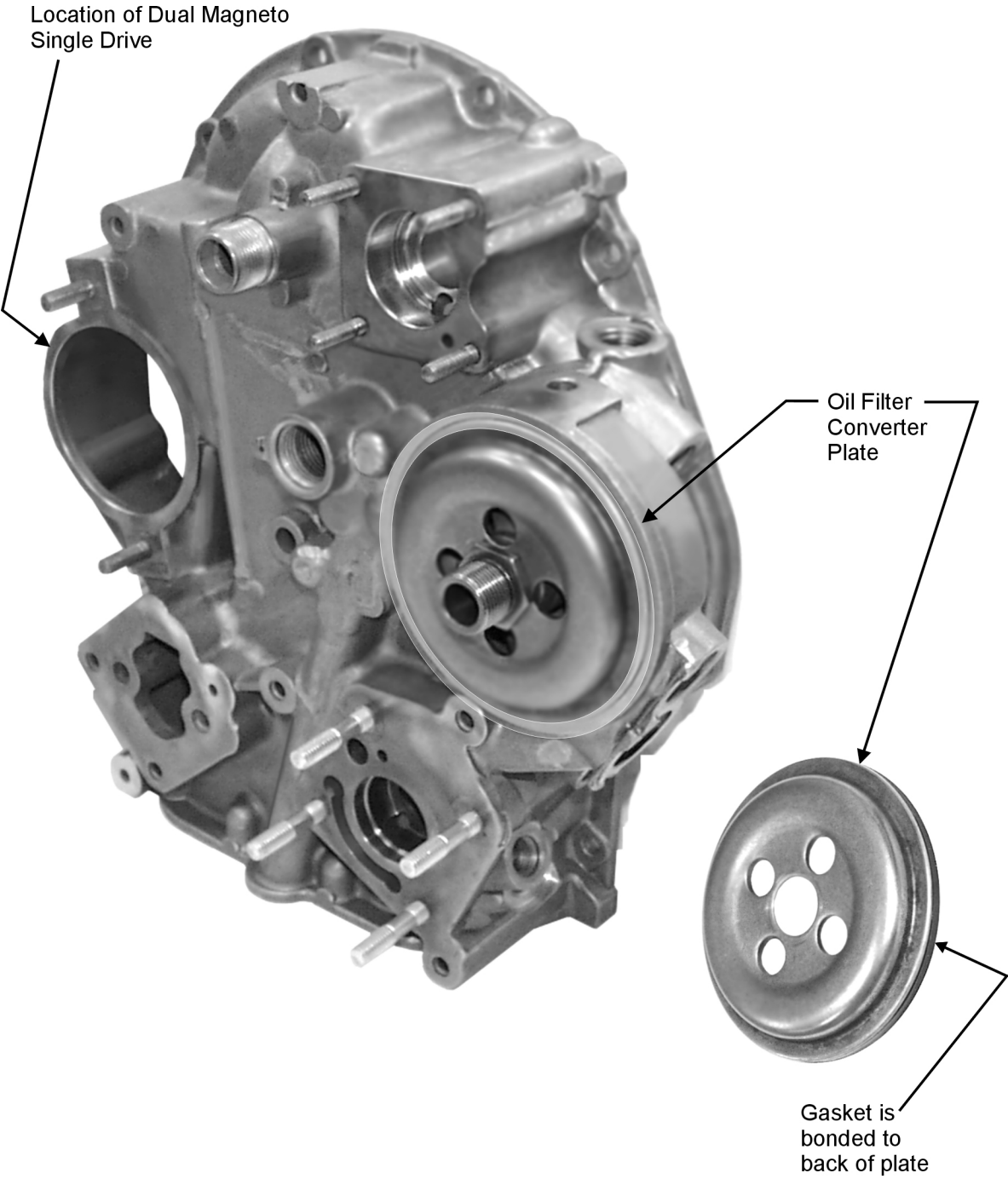


Figure 1

NOTE: Revision “A” revises the entire Service Bulletin