

MANDATORY
SERVICE BULLETIN

DATE: March 8, 2001

Service Bulletin No. 548
Engineering Aspects are
FAA Approved

SUBJECT: Diaphragm-Type Fuel Pump Inspection/Replacement

MODELS AFFECTED: New, rebuilt and overhauled engines from Textron Lycoming with fuel pumps P/N LW-15472, LW-15473, and LW-16335 shipped between September 18, 2000 and February 8, 2001 inclusive. Engine models affected are O-235; O-290; O-340; (L)O and IO-320, -360, -540; AIO-320, -360; AEIO-320, -360, -540; HIO-360; and TO-360.

Fuel pumps P/N LW-15472, LW-15473, and LW-16335 purchased through distribution between September 18, 2000 and February 8, 2001 inclusive.

TIME OF COMPLIANCE: 1. Inspect within the next 50 hours of operation.
2. If affected, replace within 100 hours of operation or 180 days from the date of this Service Bulletin, whichever occurs first, or earlier at owner's discretion.

Textron Lycoming has determined that a number of lots of diaphragm-type fuel pumps, Lycoming P/N LW-15472, LW-15473, and LW-16335, may not have been manufactured in conformance with acceptable standards. Although no field reports of failure have been received, in the event operation of the pump is compromised, restricted fuel flow or loss of fuel pressure could result.

If your Textron Lycoming engine has a diaphragm-type fuel pump with Lycoming P/N LW-15472, LW-15473, or LW-16335 installed, and has a date code of 3900 through 0401, the pump must be replaced within the next 100 hours of operation or 180 days from the date of this Service Bulletin, whichever occurs first.

To identify affected pumps, check the manufacturer's code scribed on the flange of the pump (See Figure 1). If the first five digits are 15472, 15473, or 16335, and the 6th through 9th digits are 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 0101, 0201, 0301 or 0401, the pump is affected and must be replaced.

NOTE

If the letter "A" is marked as a suffix to the date code, the pump has been brought into conformity and need not be replaced.

WARRANTY:

If replacement is required, reimbursement is available for a replacement fuel pump and for up to 1.5 hours labor through a Textron Lycoming Distributor. The engine serial number must be furnished when a replacement pump is ordered. Textron Lycoming requires the replaced pump be returned with a valid warranty claim for warranty consideration.

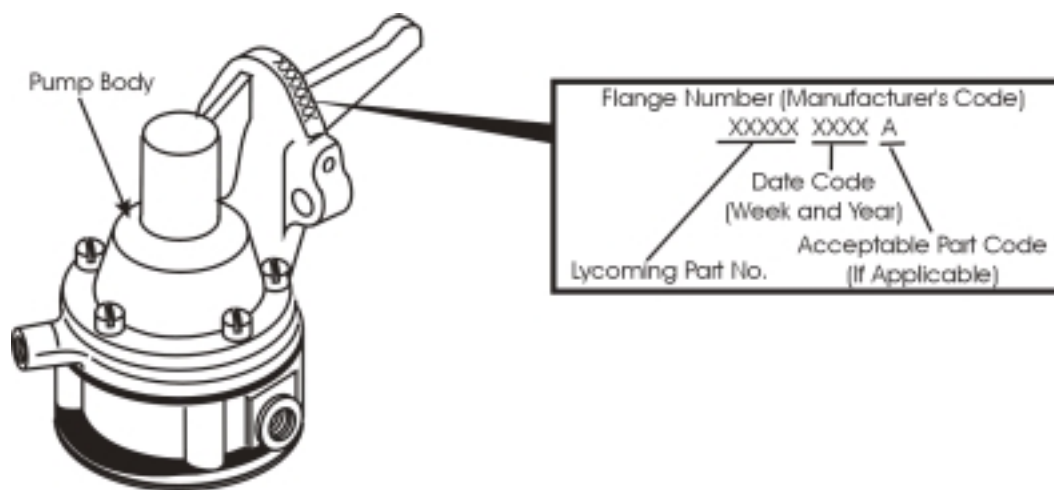


Figure 1