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## SERVICE BULLETIN

## SB021-894

Subject: LANCAIR IV hydraulic power pack reservoir attach screw

Date: 25<sup>th</sup> August, 1994

Ref: None

Pages: 1

Status: Mandatory Check and possible service

### Background:

Lancair IV power packs are manufactured by Oildyne. There is one center screw that attaches the reservoir to the pump body. This screw thread had been a 10-24 (coarse thread). All screws, supplied by Lancair, have been 10-24's.

Oildyne changed this thread without informing Lancair. All pumps dated October 1993 or later, have a 10-32 threaded hole for the screw. This date corresponds to shipments received beginning March 1994 to Lancair.

### PROCEDURE:

1. Check the date stamped on your pump. If it is October 1993 or later, it will have the 10-32 threads. Contact our office and we will ship you the proper screw. (If you have already screwed the coarse threaded screw into this pump, it can still be used since thread engagement was only approx. .25" and the replacement screw will insert deeper and engage clean threads.)
2. When you receive the new screw (actually being used as a stud), remove the original coarse threaded screw if it was previously installed.
3. Run a 10-32 tap into the hole to clean up the threads if damaged by insertion of the wrong threaded screw.
4. Screw the new stud (10-32) into the housing at least 3/4" and lock in place with the jam nut.
5. Install the reservoir and lock in place using the O-ring, washer and nut.
6. With oil in the reservoir, check to see that the O-ring has sealed the reservoir properly.

