



2244 Airport Way, Redmond, Oregon 97756 Phone 541 923-2233 Fax 541 923-2255

SERVICE BULLETIN

SB036-0697

Subject: Gear Locking Solenoid (Lancair IV & IV -P)

Date: 14 July, 97

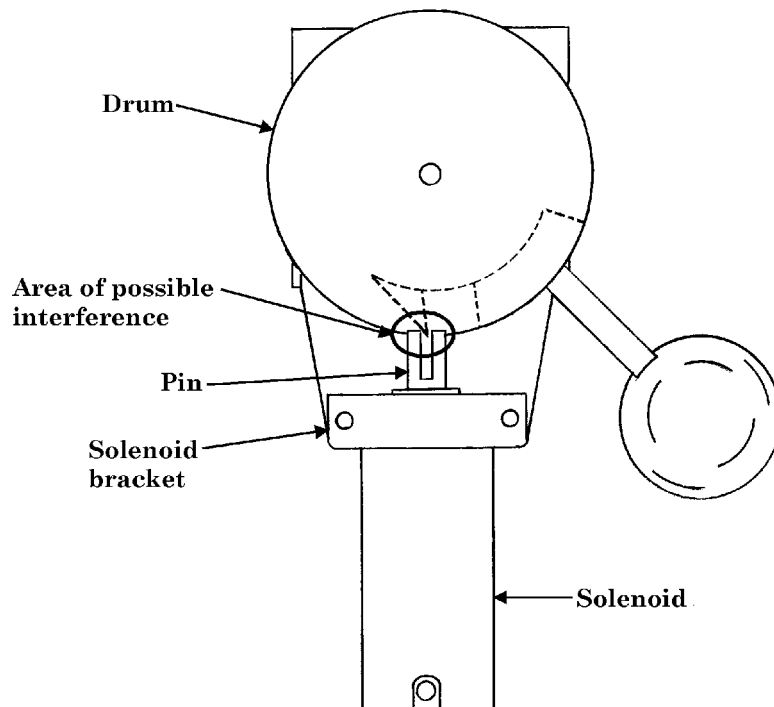
Ref: Construction Manual

Pages: 2

Status: Mandatory Change

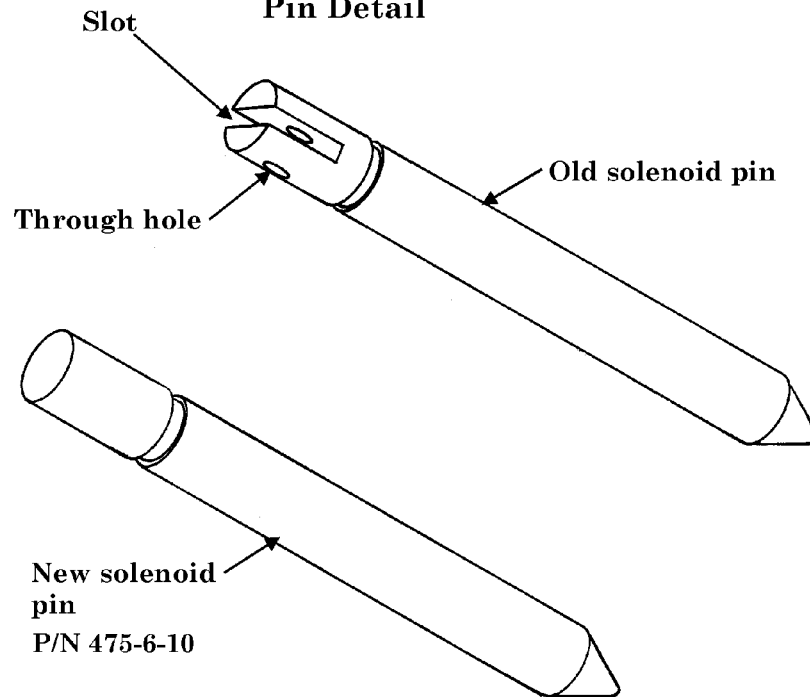
Background: The slot in the gear solenoid pin(part number 475 -6-10) in the gear locking solenoid may interfere with drum rotation.

Figure 1
Solenoid detail



A new solenoid pin(P/N 475 -6-10) has been manufactured to replace the old pin.

Figure 2
Pin Detail



Note: Refer to pages 26-22 and 26-23 in the manual.

Action: Remove the gear drum. Remove the gear down lock bracket, spring, and washer. Remove the gear solenoid pin and replace it with the new one. Install the circular clip, rubber washer, area washer, and spring on the new pin.