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SERVICE BULLETIN

SB016-0027

Subject: Evolution Landing Gear Actuators
Date: July 7, 2015
Ref: Hydraulic Actuator Locking Issue
Pages: N/A
Status: **Mandatory Recall**

Background:

Possible landing gear actuator failure to lock during an emergency gear extension can occur.

Any of the following group of landing gear actuators, manufactured between July and August 2014 may have been improperly adjusted when assembled. This could become critical during an emergency gear freefall procedure without hydraulic power. The actuator could fail to fully extend or could fully extend but not lock. This condition would be during an emergency extension only. **It does not apply to a normal gear down operation.**

Action:

We have identified 14 actuators with possible locking issues. Please check the serial numbers on your actuators against the following list.

Part Number – 415-0011 Rev E

Serial #
14203MGLV-01
14203MGLV-02
14203MGLV-03
14203MGLV-04
14203MGLV-05
14203MGLV-06
14203MGLV-07
14203MGLV-08
14203MGLV-09
14203MGLV-11

Part Number – 415-0011 Rev E

Serial #
14203MGLV-14
14203MGLV-15
14203MGLV-16
14203MGLV-17

If you have an actuator on the above list, please contact Lancair. A RMA number will be given for the return of your actuator along with a UPS account number to use for the shipping from your location for the affected units. It is very important to note the RMA number on the package. The turn-around time should be less than one work week plus shipping.

This is very important and we are asking that you take action on this Service Bulletin as soon as possible.

Contact Kim Lorentzen, Lancair Customer Service with any questions.