

**\*MANDATORY SERVICE BULLETIN\***

**NUMBER:** SB-015  
**DATE:** 04/23/2012  
**REVISION:** 01

**SUBJECT:** MAIN LANDING GEAR; GREASE FITTINGS INSPECTION AND SPECIAL PRECAUTIONS.

**SUMMARY**

**RECURRENT REQUIREMENTS**

No recurrent requirements associated with this Mandatory Service Bulletin.

**BACKGROUND**

Quest is requiring a one-time inspection of the main landing gear grease fittings. The inspection will consist of ensuring that separation or bulging is not occurring around these fittings.

**ACTION**

Inspect the main landing gear grease fittings in accordance with the attached work instructions. Ensure that the proper precautions are taken while greasing these fittings:

- Use a hand held grease gun, preferably with pressure relief.
- Slowly and with much caution begin to apply grease. As soon as movement is seen between the gear leg trunion and the gear leg saddle, immediately stop greasing. Taking apart the bearing and cleaning it should not be necessary. Coagulated grease should be pushed out with the new grease from use.

**EFFECTIVITY**

KODIAK 100 Series Aircraft Serial Numbers: 100-0001 through 100-0061

**AFFECTED PARTS**

KODIAK PART AFFECTED:  
• *MS15002-1*

REPLACEMENT PART FOR AIRCRAFT RECORDS:  
• *N/A*

**COMPLIANCE**

This Mandatory Service Bulletin must be completed no later than the next 5 flight hours.

**INDUSTRY SUPPORT INFORMATION**

None

**MANPOWER**

This procedure will take approximately 30 minutes to complete and can be completed with one person.

**COMPLETION**

Update the KODIAK Maintenance Log Books.

**WARRANTY INFORMATION**

This modification is warranty reimbursable for the manpower listed above after Quest Aircraft has been notified of your completion.



**Figure 1:** Main Landing Gear Grease Fitting

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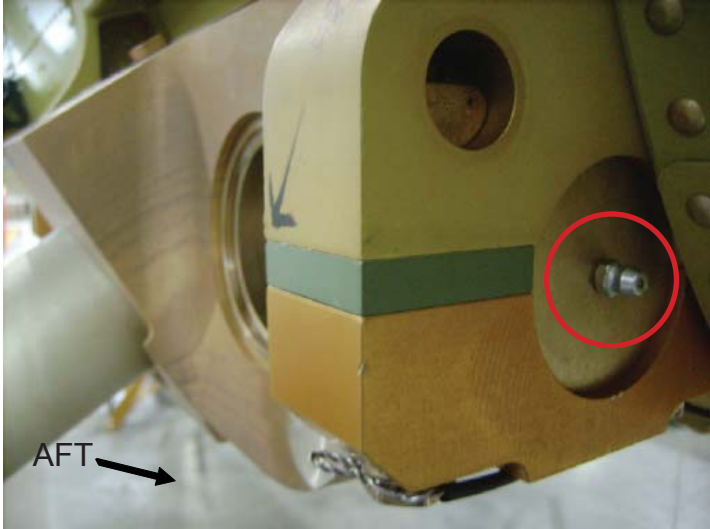
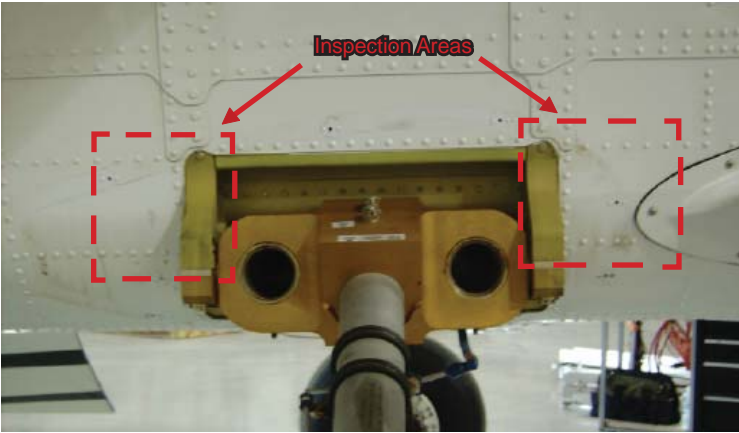


**\*IMPORTANT SERVICE BULLETIN\***

Main Landing Gear Grease Fittings Inspection  
And Special Precautions.

## **INSPECTION INSTRUCTIONS**

# Main Landing Gear Grease Fittings

Task	Instruction	
<p>1</p>	<p>Inspect the main landing gear grease fittings and the surrounding areas for any signs of separation or bulging.</p> <p><b>NOTE:</b> If this fitting has been serviced with a high powered pneumatic grease gun, pay special attention to the surrounding area, and inspect very carefully.</p>	
<p>2</p>	<p>Inspect areas shown in Figure 1 for:</p> <ol style="list-style-type: none"> <li>1. Rivet detachment or shearing</li> <li>2. Bulging</li> <li>3. Separation</li> </ol>	 <p style="text-align: center;">Figure 1</p>
<p>3</p>	<p>Note the work performed in the KODIAK 100 Log Books.</p>	