

**\*MANDATORY SERVICE BULLETIN\*****NUMBER:** SB-018**REVISION:** A**DATE:** 7/31/2009**SUBJECT:** FUEL SYSTEM; MANDATORY CHAFE PROTECTION ADDITION TO MAIN CABIN FUEL LINES**SUMMARY****RECURRENT REQUIREMENTS**

No recurrent requirements associated with this Mandatory Service Bulletin.

**BACKGROUND**

Quest is mandating the addition of chafe protection to the Main Cabin Fuel Lines.

**ACTION**

Follow the instructions attached to this Service Bulletin to add adequate chafe protection to the Main Cabin Fuel Lines.

**EFFECTIVITY**

KODIAK 100 Series Aircraft, Serial Numbers 100-0001 through 100-0019

**AFFECTED PARTS**

KODIAK PART AFFECTED:

- 100-828-4631 Fuel Line
- 100-828-4660 Fuel Line
- 100-828-4659 Fuel Line
- 100-828-4656 Fuel Line
- 100-828-4655 Fuel Line
- 100-828-4653 Fuel Line
- 100-270-3012 Stringer

REPLACEMENT PART FOR AIRCRAFT RECORDS:

- N/A

**COMPLIANCE**

This Mandatory Service Bulletin must be completed no later than the next 100 flight hours or Annual Service, whichever comes first.

**INDUSTRY SUPPORT INFORMATION**

None

**MANPOWER**

This procedure will take approximately 3 hours to complete.

**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.

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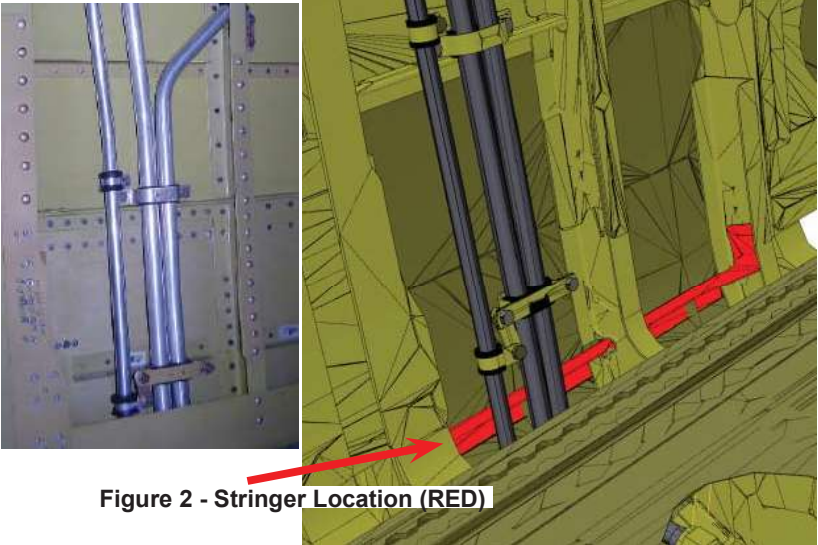


**\*IMPORTANT SERVICE BULLETIN\***


**FUEL SYSTEM; Mandatory Chafe Protection  
Addition to Main Cabin Fuel Lines**

## **FIELD MODIFICATION INSTRUCTIONS**

# FUEL SYSTEM; Mandatory Chafe Protection Addition to Main Cabin Fuel Lines

Task	Instruction
1	<p>Remove the kick panel and paneling in accordance with the KODIAK 100 Maintenance Manual.</p> <p><b>Note:</b> Do be sure to unplug the headphone jacks in the lining and the heaters located in the kick panel.</p> <p>Remove the necessary insulation in order to access the base of the fuel lines.</p> 
2	<p>After the insulation has been removed, locate the stringer that is depicted in <b>RED</b>. See <b>Figure 2</b>.</p>  <p><b>Figure 2 - Stringer Location (RED)</b></p>
3	<p>Inspect the fuel lines in the area around the stringer for any sign of damage due to chafing. If damage is found, determine whether it is slight surface rubbing or if the fuel line is significantly damaged. If the fuel line is significantly damaged, it will need to be replaced per the KODIAK 100 Maintenance Manual.</p>

# FUEL SYSTEM; Mandatory Chafe Protection Addition to Main Cabin Fuel Lines

Task	Instruction	Instruction
4	<p>Irrespective of evidence of chafing, chafe protection shall be installed. Cut a piece of CAT Track™ 6 inches long and install on the stringer at the fuel lines as shown.</p>	
7	<p>Reinstall the insulation. Plug in the heaters and head phone jacks. Install the side panels in accordance with the KODIAK 100 Maintenance Manual.</p>	
8	<p>Repeat steps 1-7 on the opposite side of the fuselage.</p>	
9	<p>Note the work performed in the KODIAK 100 Log Books.</p>	