

SERVICE NOTICE

REVISION RECORD

REV	DATE	PAGE	CHANGE DESCRIPTION
00	02/06/18	All	Initial release.
01	09/13/18	All	Added revision record, revised NLG Fork descriptions to match SB18-01, clarified original effective date and background description, revised revision level reference for AMM and IPC , revised listed parts/kits and associated pricing.
02	09/16/19	1	Removed all pricing information in the “Discussion” section Replaced “Quest Customer Service” with KODIAKCARE and updated e-mail address
		2	Moved “Discussion” section to page 2 and renamed as “Parts Information” Removed all pricing information

SUBJECT

Quest is pleased to announce the availability of an improved Nose Landing Gear (NLG) Fork P/N 100-410-7013 (identified as a “Type B” NLG Fork).

EFFECTIVITY

Original Effective Date: 02/06/2018

Serial Range: 100-0001 through 100-0217 (equipped with a “Type A” NLG Fork P/N 100-410-7001)

BACKGROUND

The Type B NLG Fork is an improved design that delivers more robust performance under harsh operating conditions. A single-piece installation integrates the original fork and mounting collar, and improves strength at the root of the fork, while reducing overall part count, complexity, and operating costs. As defined in **SB18-01**, continued inspection of the Type A NLG Fork (P/N 100-410-7001) is acceptable. NLG Forks which have been upgraded to Type B do not require repetitive inspections (refer to **SB18-01**).

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PARTS INFORMATION

Refer to the *AM902.0 KODIAK® 100 Airplane Maintenance Manual*, Revision 25 or later, for instructions regarding the removal and installation of the NLG fork. Refer to the *AM906.0 KODIAK® 100 Illustrated Parts Catalog*, Revision 06 or later, for a detailed breakdown of NLG components.

Table 1–1: QK100-0088 Nose Landing Gear Fork Assembly 100-412-0135 Upgrade Kit

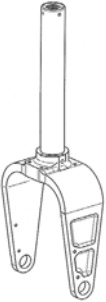
	INCLUDED IN KIT:	
	PART NO.	ITEM
	100-412-0135	NLG PISTON/FORK ASSEMBLY, WHITE
	QK100-0049	SERVICE KIT, NOSE LANDING GEAR RE-SEAL, 3/8 IN. PIN
	FSI-146	RETROFIT: SHIMMY DAMPER ATTACH BRACKET MODIFICATIONS
	QK100-0078	NLG FORK HARDWARE KIT
	QK100-0079	SHIMMY DAMPER BUSHING REPLACEMENT KIT
100-910-0031	PLACARD WARNING TOW BAR	
NOTE: COMPATIBLE WITH AIRPLANE S/N 100-0125 AND UP, OR S/N 100-0001 THROUGH 100-0124 WITH FSI-075 INSTALLED		

Table 1–2: FSI-075 Nose Landing Gear 3/8 Inch Pin Installation Kit

Table 1–3: QK100-0089 Nose Landing Gear Fork 100-410-7013 Upgrade Kit

	INCLUDED IN KIT:	
	PART NO.	ITEM
	100-410-7013	NLG FORK, WHITE
	FSI-146	RETROFIT: SHIMMY DAMPER ATTACH BRACKET MODIFICATIONS
	QK100-0078	NLG FORK HARDWARE KIT
	QK100-0079	SHIMMY DAMPER BUSHING REPLACEMENT KIT
	999-410-7001	NLG FORK/COLLAR REMOVAL TOOL
	MS24665-363	PIN COTTER
100-910-0031	PLACARD WARNING TOW BAR	
NOTE: COMPATIBLE WITH AIRPLANE S/N 100-0001 AND UP		