

SERVICE NOTICE

REVISION RECORD

REV	DATE	PAGE	CHANGE DESCRIPTION
00	07/19/18	All	Initial release.
01	06/20/19	All	Added "Phase 1" to "KODIAK® 100 G1000® NXi"
		1	Changed "aircraft" to "airplanes" Spelled out "MFD" and "AUX"
		4	Added software version 006-B2633-01 Changed "Table 1-1" to "Table 1" Updated applicability for software version 006-B2633-00 Added Manuals/Media items

SUBJECT

KODIAK® 100 G1000® NXi Phase 1 Software Configurations and Updates

EFFECTIVITY

Original Effective Date: 07/25/18

All KODIAK® 100 aircraft equipped with the Garmin G1000® NXi Phase 1 System.

BACKGROUND

This Service Notice is to make customers aware of the different software configurations available for their KODIAK® 100 G1000® NXi Phase 1 equipped airplane, and to provide user and reference information. Quest Aircraft recommends that KODIAK® 100 airplane owners and operators upgrade to the latest software when it becomes available to take advantage of new features and a more robust G1000® NXi Phase 1 system. Contact Quest Aircraft for additional information.

SOFTWARE PART NUMBER

All airplanes are delivered from the factory with the most current software that is applicable at the time of manufacture. The current software version number can be found on the Multi-Function Display (MFD) or Auxiliary (AUX) System Status Page and has the following format:

B2633.XX (where XX is the software version number)

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GARMIN LINE REPLACEABLE UNITS (LRU)

Within the system software version B2633.XX, there are two different items:

1. The configuration of each Garmin LRU specific to the KODIAK® 100
2. The Garmin LRU software.

 **NOTE:** Garmin LRU software versions will be discussed in Garmin Service Advisories.

When a new software load is attempted, the Garmin LRU software version that will be installed is displayed on the software loading screen. Note that the latest compatible and FAA-approved LRU software version is displayed during this loading process. Some LRUs may not display the latest software versions, as listed in **Table 1**, due to hardware incompatibility with that LRU software version.

MANUALS

The G1000® NXi Phase 1 software version may be tied to specific maintenance, flight, and/or component manuals. Prior to any software upgrade, it is the responsibility of the owner and maintenance technicians to ensure the airplane is equipped with the current flight manual(s), and it is the responsibility of the owner to ensure that future maintenance is conducted in accordance with any applicable maintenance or component manuals.

OBTAINING SOFTWARE

New G1000® NXi Phase 1 system software may be obtained and installed at Quest Aircraft, a Quest Aircraft Service Center, or your local Garmin Authorized Service Center. If your airplane is listed in the applicability section of **Table 1** below, and the correct manuals for operation and maintenance are obtained, software may be updated at any time.

On occasion, Quest Aircraft may issue a Service Bulletin or Service Notice with regard to a specific software configuration upgrade that is needed.


LOADING SOFTWARE


Software should be loaded and configured in accordance with the latest revision of the G1000® NXi Integrated Avionics System Line Maintenance Manual (Quest Kodiak® 100).

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REFERENCE INFORMATION

Table 1: G1000® NXi Software Phase 1 Versions lists available software and provides descriptive information including changes from the previous software version and possible media changes.

 **WARNING:** There may be software versions published to the Garmin website that are not listed in **Table 1**. However, such software may lack FAA approval for installation on KODIAK® 100 airplanes. Do not install such software on KODIAK® 100 airplanes unless specifically instructed by Quest Aircraft.

 **NOTE:** G1000® NXi Phase 1 software versions (and entries in **Table 1**) are numbered sequentially, and each new upgrade includes changes from previous versions. For example, if your G1000® software version is upgraded from Version 10 to Version 14, the final configuration will include all of the changes in Versions 11, 12, 13, and 14.

Change Note — Change description from previous version.

Release Date — Original release date.

Applicability — The KODIAK® 100 airplane serial number to which the software version is applicable.

LRU Version Level — All LRUs having a version change since the previous software version.

Manuals — The following manuals are associated with this software version listed:

The following manuals must be accessible to the pilot during flight:

1. Garmin G1000® NXi Cockpit Reference Guide for the Quest KODIAK® 100 ("CRG"), Document No. 190-02101-##¹.
2. Quest KODIAK® 100 Pilot 's Operating Handbook / Airplane Flight Manual ("POH"), Document No. AM901.0, Rev. ##¹.

The following manual provides additional information:

1. Garmin G1000® NXi Pilot's Guide for the Quest KODIAK® 100 ("PG"), Document No. 190-02100-##¹.

##¹ — Document Revision (Rev.) number listed in the table below. Manual must be the listed Rev. (or later).

Media — Part numbers for media (SD Cards) required to be compatible with software version. Electronic Trend Data files are available on the Quest Aircraft Customer Portal or physical SD cards may be ordered.

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Table 1: G1000® NXi Phase 1 Software Versions

Software Version	Change Note	Release Date	Applicability	LRU Version Level	Manuals/Media
006-B2633-01	Allows for non-Garmin audio panels to be installed instead of GMA 1347 audio panels, using Garmin Unlock Card 010-00330-DC	June 2019	100-0246 thru 100-0274, FSI-149, FSI-156	<ul style="list-style-type: none"> • No change 	<ul style="list-style-type: none"> • Trend Card 100-820-2093 (v1.9) or 100-820-2091 (v1.8) • CRG 00 • PG 00 • POH 19
006-B2633-00	Initial Release	March 2018	100-0246 thru 100-0274, FSI-149, FSI-156	<ul style="list-style-type: none"> • COM1 & COM2 – 11.30 • GDC1 & GDC2 – 2.02 • GDL69A SXM – 5.10 • GEA1 – 2.07 • GIA1 & GIA2 – 8.05.4 • GMA1 & GMA2 – 4.04 • GMC710 – 3.00 • GMU1 & GMU2 – 2.05 • GPS1 & GPS2 – 5.10 • GRS1 & GRS2 – 2.00 • GSA1,2,3 & 4 – 3.30 • GTS – 3.10 • GTX – 2.11 • GTX ADS-B – 2.10 • GTX AUDIO – 2.02 • GIA AUDIO1 & 2 – 2.00 • MFD1 – 20.10 • NAV1 & NAV2 – 6.02 • PFD1 & PFD2 – 20.10 • GWX70 – 2.55 	<ul style="list-style-type: none"> • Trend Card 100-820-2093 (v1.9) or 100-820-2091 (v1.8) • CRG 00 • PG 00 • POH 19

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