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SERVICE BULLETIN

NO.: 25026 Rev A

TO: All Garmin Aviation Service Centers

DATE: June 26, 2025

SUBJECT: GTN™ Xi Touchscreen Avionics Main Software Version 21.02 and software for New GMA 35 (-6X) and GMA 35c (-8X) Part Numbers

CERTIFICATION

AUTHORIZATION: TSO Authorization (see Approval section for details)

TSO authorization does not provide installation airworthiness approval. Separate installation airworthiness approval is required for type certified aircraft. Notification of revision to any Garmin STC(s) will be provided under a separate service bulletin.

PRODUCTS AFFECTED

The following units are affected:

Table 1. Products Affected

Model	Appliance P/N
GTN 625Xi	011-04629-00
GTN 635Xi	011-04630-00 011-04630-01
GTN 650Xi	011-04631-00 011-04631-01 011-04631-30 011-04631-31 011-04631-60 011-04631-61
GTN 725Xi	011-04632-00
GTN 750Xi	011-04634-00 011-04634-01 011-04634-30 011-04634-31 011-04634-60 011-04634-61
GMA 35	011-02299-6()
GMA 35C	011-02299-8()

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PURPOSE

GTN Xi Series Main Software Version 21.02 contains the following changes:

- Added interface and support for FANS 1/A(+) - CPDLC FAA Data Comm for GTN 7XX Xi



NOTE

Requires GDR 66 VDL Mode 2 data link radio.

- Added FAA Data Comm feature enablement which can be shared between two GTN 7XX Xi units
- Added interface and support for the GCO™ 14 Aircraft Carbon Monoxide Sensor
- Changed the text for the fuel on board button on the Fuel Planning page to 'EST Fuel Remaining' when 'Use Sensor Data' is enabled and valid data is received
- Expanded the reverse frequency lookup (RFL) text to show user frequencies name if no RFL text is shown
- Decoded Morse NAV ID text is now green instead of white
- Expanded constraint support to include speed constraints which can be shown on the flight plan page and map when VNAV is enabled
- Fixed an issue related to activating a vertical navigation direct-to, so that an altitude constraint on a new along track waypoint is activated appropriately
- Fixed an issue related to saving a catalog flight plan, so the correct altitude constraint information is shown when editing a catalog flight plan
- Lateral acceleration input was expanded to include ARINC 429 input in addition to HSDB input to help GFC™ 500 Glass Flight Deck installations that are stand-alone G5 and G3XT that interface to GTN via ARINC 429
- Added the following settings in Config Mode (requires Dealer configuration):
 - Installer configurable field to allow the outside air temperature title on the DALT / TAS / Winds page to be either TAT or RAT
 - Ability to export GTN Xi configuration files and human readable configuration summary files to an SD card.
 - Aircraft Info page to configuration mode for entry of aircraft Tail Number, aircraft serial number, and ICAO address

GMA 35 and GMA 35C software versions listed in Table 9 are compatible with GTN Xi Main software version 21.02.

DESCRIPTION

This modification consists of accessing the Dealer Resource Center of the Garmin website and uploading GTN Xi Main Software Version 21.02 and other software versions listed above.

MATERIAL INFORMATION

- GTN Xi Series System Software Version Image V3191.12 (006-B3191-12)
(available on the Dealer Resource Center <https://dealers.garmin.com>)
- GTN Downloadable Software Data Card (010-01000-00)

Use the instructions in the GTN Xi Series TSO Installation Manual (Section 6.16) to make a loader card.

As an alternative, a pre-programmed software loader card (Garmin P/N 010-02130-12 containing V3191.12) may be purchased from Garmin.

Printed pilots guides can be ordered through Garmin Order Administration (contact your account rep for current pricing) or downloaded for at no charge from www.garmin.com.

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COMPLIANCE

Recommended: Compliance with this service bulletin is recommended at the next maintenance interval.

APPROVAL

TSO authorization does not provide installation airworthiness approval. Separate installation airworthiness approval is required for type certified aircraft. Notification of revision to any Garmin STC(s) will be provided under a separate service bulletin.

GTN Xi Main Software Version 21.02 is TSO authorized. Refer to the applicable GTN Xi Series Installation Manual (190-02327-02) for additional approvals. The change from GTN Xi Main Software Version 20.43 is major per 14 CFR 21.619.

GMA 35/35c software versions listed in Table 9 are TSO authorized.

DOCUMENTATION CONSIDERATIONS

GTN Xi Series Pilot's Guide (Garmin P/N 190-02327-03) Rev. G is to be issued to the aircraft owner, if not already provided.



NOTE

GTN Xi Series Pilot's Guide (Garmin P/N 190-02327-03) Rev. F combined with the *GTN Xi Series Software v21.02 Upgrade Supplement (Garmin P/N 190-02327-14) Rev A* provide equivalent instructions to the latest revision of the Pilot's Guide.

REFERENCES

Table 2. References

Document Number	Revision (or later)	Description
190-00858-11	M	GMA 35/35c TSO Installation Manual
190-02327-02	15	GTN Xi Series TSO Installation Manual
190-02327-03	G	GTN Xi Series Pilot's Guide
190-02327-14	A	GTN Xi Series Software v21.02 Upgrade Supplement
190-01007-50	B	GTN 6XX/7XX Telligence™ Voice Command Guide
190-02327-A0	C	GTN Xi Series Pilot's Guide Addendum for GDL 60
190-01007-C5	A	GTN Xi Series Cockpit Reference Guide for TAWS-A
190-02327-A2	A	GTN Xi Series Pilot's Guide Addendum for FAA Data Comm

Referenced documents are available on <https://dealers.garmin.com>.

MANPOWER

One (1) hour labor per aircraft for single/dual GTN Xi installations.

WARRANTY INFORMATION

Labor reimbursement for the manpower listed above is available for modifications completed by December 31, 2025, or within the equipment's original factory warranty period.

To ensure proper reimbursement when completing the warranty claim indicate the following:

- Indicate compliance with TSO Service Bulletin 25026
- Aircraft make and model
- Aircraft serial number and registration
- Current GTN Xi Main Software Version

SOFTWARE INSTALLATION AND VERIFICATION INSTRUCTIONS

These instructions explain how to upgrade GTN Xi Main software to version 21.02 and other software versions.

The following GTN Xi loader card contains GTN Xi and GMA 35/35c software:

Table 3. Software

Loader Software (Loader Card)	Software Included
006-B3191-12 (010-02130-12)	<ul style="list-style-type: none">• GTN Xi<ul style="list-style-type: none">◦ Main Software Version 21.02◦ Touch Software Version 2.01◦ WAAS Software Version 8.6◦ COM Software Version 2.11◦ NAV Software Version 2.04• GMA™ 35 P/N 011-02299-0()<ul style="list-style-type: none">◦ Software Version 4.20A◦ ASR Grammar Version 4.20 (006-D3034-33)◦ Other GMA software listed in Part Three of this section• GMA 35 P/N 011-02299-2() and GMA 35c P/N 011-02299-4()<ul style="list-style-type: none">◦ Software Version 4.21C◦ ASR Grammar Version 4.20 (006-D3034-33)◦ Audio Configuration v4.22C◦ Other GMA software listed in Part Three of this section• GMA 35 P/N 011-02299-6() and GMA 35c P/N 011-02299-8()<ul style="list-style-type: none">◦ Software Version 6.11C◦ ASR Grammar Version 4.20 (006-D3034-33)◦ Audio Configuration 5.30C◦ Other GMA Software listed in Part Three of this section



NOTE

For installations with GMA 35 P/N 011-02299-0(), GMA Audio Software Version 4.20A is required for compatibility with GTN Xi Software Version 21.02. The Loader Card identified above can be used to update newer versions of GMA 35 Audio Software to Software Version 4.20A.



NOTE

For installations with GMA 35 P/N 011-02299-2() and GMA 35c P/N 011-02299-4(), GMA Audio Software Version 4.21C is required for compatibility with GTN Xi Software Version 21.02. The Loader Card identified in this section can be used to update newer versions of GMA 35 Audio Software to Software Version 4.21C.



NOTE

For installations with GMA 35 P/N 011-02299-6() and GMA 35c P/N 011-02299-8(), GMA Audio Software Version 6.11C is required for compatibility with GTN Xi Software Version 21.02. The Loader Card identified in this section can be used to update newer versions of GMA 35 Audio Software to Software Version 6.11C.



NOTE

For installations with GDL[®] 88, GTN Xi Main Software Version 21.02 is compatible with GDL 88 Software Version 2.05 and later.



NOTE

For dual GTN Xi installations, both GTN Xi units must be updated to the GTN Xi Main Software Version 21.02. The software can be installed simultaneously using two update cards.

Part One: GTN Xi Software Installation

1. Attach the aircraft to ground power.



NOTE

Take steps to prevent accidental power disruptions to the unit during the software loading process.

2. Touch and hold the 'Home' key and energize the GTN Xi to enter Configuration Mode.
3. Release the 'Home' key when the display activates and the Garmin logo shows fully illuminated on the display.
4. Make sure that all avionics are powered on.
5. Record all system configuration settings (including the Discrete Input and Output configuration settings).



NOTE

The GTN Xi system configuration settings **will** need to be entered if loading GTN Xi software v21.02 from a newer GTN Xi software version.

6. For GMA 35s that do not have GMA Software Version 4.20A/4.21C/6.11C, record all GMA 35 configuration settings before installing new software on the GTN and GMA. The configuration settings may need to be entered after the software update to make sure the system is properly configured.



NOTE

The configuration settings may need to be entered after the software update to make sure the system is properly configured.



NOTE

GMA 35 and GMA 35c software versions 4.20/4.21C are compatible with GTN Xi Main software version 21.02. If compatible GMA 35 software is not installed, then install compatible GMA 35 software per Service Bulletin 2025 before installing GTN Xi Main Software v21.02.

7. If loading from a newer version of GTN Xi Main Software to software v21.02, then continue with the following steps.



NOTE

Before loading GTN Xi Main Software v21.02 from a newer software version, it is recommended to set the system configuration settings to the default values. The system configuration settings will then need to be entered after loading software v21.02. Make sure that there is a record of all system configuration settings before proceeding.

- a. On the GTN Xi Configuration Mode page, touch **GTN Diagnostics**.
 - b. Touch **Clear Config Settings**.
 - c. Touch **OK** to confirm.
8. Stop power to the GTN Xi.
 9. Put the GTN Xi Software Loader Card into the SD Card slot.



NOTE

Not loading GTN Xi Main software after energizing the unit using a loader card that contains different GTN Xi Main software may corrupt the GTN Xi configuration settings. If GTN Xi configuration settings become corrupt, the GTN Xi configuration settings must be cleared and entered.

10. Energize the GTN Xi. The Configuration Mode home page will show.

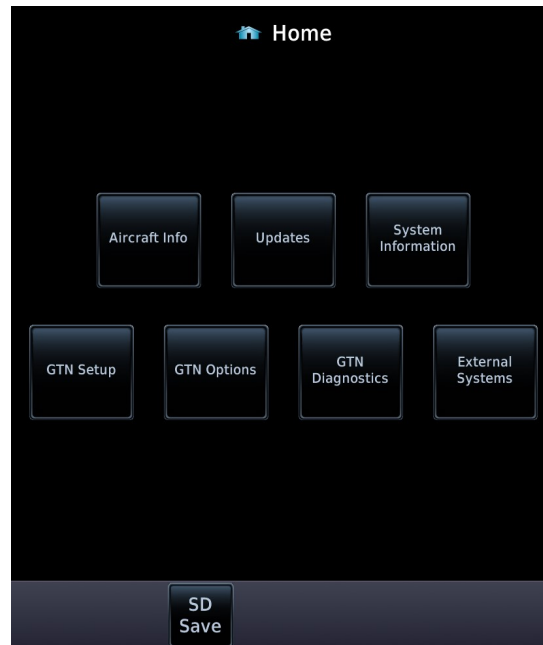


Figure 1. Configuration Mode Home Page

11. Touch **Updates** to show the software updates that are available.



Figure 2. Software Updates Page

12. Make sure the software version is shown for “On Card” for each of the following:

Table 4. On Card

Software	“On Card” Version Displayed
Main Board Software	21.02
COM Board Software	2.11
NAV Board Software	2.04
WAAS Board Software	8.6

13. Touch the software items identified below to be uploaded for the specified model. A green check mark will appear next to each software item that is selected.

Table 5. Software

Software	GTN 625Xi	GTN 635Xi	GTN 650Xi	GTN 725Xi	GTN 750Xi
Main Board Software	Select	Select	Select	Select	Select
COM Board Software	-	(See Note)	(See Note)	(See Note)	(See Note)
NAV Board Software	-	-	(See Note)	-	(See Note)
WAAS Board Software	(See Note)	(See Note)	(See Note)	(See Note)	(See Note)



NOTE

Select only if the version displayed for “On Card” does not match the version displayed for “Installed.” This is generally applicable for loading a previous software version.

14. Touch **Update** on the bottom of the display to update GTN Xi Software.
15. The GTN Xi will show the prompt “Start GTN Software Updates?” Touch **OK** to proceed with the software update.
16. When the update is complete the GTN Xi will display “Update Complete!”
17. If GTN Xi Main Software was loaded to software v21.02 from a newer software version, continue with the following steps.
 - a. Once the update is complete, stop power to the GTN Xi.
 - b. Energize the GTN Xi. The Configuration Mode home page will show.
 - c. Touch **GTN Setup** on the Configuration Mode home page.
 - d. Enter the configuration settings recorded in Part One, Step 5.
 - e. Touch **GTN Options** on the Configuration Mode home page.
 - f. Enter the configuration settings recorded in Part One, Step 5.
18. Stop power to the GTN Xi.
19. Remove the software loader card.
20. Put the database card into the SD card slot.
21. Continue to Part Two: GTN Xi Software Verification Procedure. If a GMA 35 is installed, do Part two before updating the GMA 35 Software.

Part Two: GTN Xi Software Verification Procedure

1. With the GTN Xi off, touch and hold the “Home” key and energize the GTN Xi to enter Configuration Mode.
2. Release the “Home” key when the display activates and the Garmin logo shows fully illuminated on the display.
3. Touch **System Information** on the Configuration Mode page.
4. On the System Information page for the GTN Xi, make sure:

Table 6. Software

Software	Version
Main Board Software Version	21.02
Main Board FPGA Version	2.0
Display FPGA Version	2.0
Touch Controller Board Software Version	2.01
GPS/WAAS Board Software	8.6
COM Board Software Version	2.11
COM Board FPGA Version	2.0
NAV Board Software	2.04
NAV Board FPGA Version	2.0

5. Use the configuration settings recorded in Part One, to make sure that all of the configuration settings (including the Discrete Input and Output configuration settings) were retained through the software upgrade. Correct as necessary.



NOTE

If Smart Glide™ was previously installed, verify Smart Glide configuration settings after updating to software v21.02.

Part Three: GMA 35/35c Software Installation

If a GMA 35/35c P/N 011-02299-6() or P/N 011-02299-8() is installed, the following GMA 35 software updated is needed for GMA 35 compatibility with GTN Xi software version 21.02.



NOTE

If GMA 35 software version 6.11C is already loaded on the GMA 35, go to the Return to Service Test Procedure.

1. Stop power to the GTN Xi and GMA 35.
2. Put the GTN Xi Software Loader Card into the GTN Xi SD Card slot.
3. Energize the GTN Xi and GMA 35. The Configuration Mode home page will show.
4. Touch **Updates** to show the software updates that are available.
5. Touch the **GTN Software Updates** key on the top left corner of the display.
6. Select **GMA 35 Software Updates**.
7. Make sure the software version shows for “On Card” for each of the following:

Table 7

Software Component	Software Part Number	‘On Card’ Version Displayed for P/N 011-02299-6() and P/N 011-02299-8()
GMA Region List	006-D3035-D8	5.20C
GMA System Code	006-B2103-08	5.31C
Audio Configuration	006-D3035-JD	5.30C
GMA Configuration	006-D4533-25	4.20C
GMA AUX Region List	006-D3034-CF	6.00C
GMA AUX System Code	006-B2104-09	6.11C
GMA AUX Audio Data	006-D3034-C8	5.55
GMA Voice Command Grammars	006-D3034-33	4.20
GMA Voice Command Language	006-D3034-08	2.00
GMA Voice Command DDG2P	006-D3034-09	2.00
GMA AUX TTS Data	006-D3034-24	4.10
GMA AUX TTS Grammars	006-D3034-C5	5.50

8. Touch the software items identified below to be uploaded. A green check mark will appear next to each software item that is selected.

Table 8. GMA Software

Software	Action
GMA Region List	Select (See Note 1)
GMA System Code	Select (See Note 1)
Audio Configuration	Select (See Note 1)
GMA AUX Region List	Select (See Note 1)
GMA AUX System Code	Select (See Note 1)
GMA AUX Audio Data	Select (See Note 1)
GMA Voice Command Grammars	Select (See Note 1)
GMA Voice Command Language	(See Note 2)
GMA Voice Command DDG2P	(See Note 2)
GMA TTS Audio Data	(See Notes 2 and 3)
GMA TTS Grammars	(See Notes 2 and 3)



NOTE

Note 1: GMA software does not need to be selected if the GMA software version displayed for “Installed” matches the versions displayed for “On Card.”



NOTE

Note 2: Select only if the version displayed for “On Card” does not match the version displayed for “Installed”, or if there is no version displayed for “Installed”. This is generally applicable for loading software from a newer version.



NOTE

Note 3: Select only if the installation uses Telligence Voice Commands. Updating the TTS files can take approximately 30 minutes.

9. Touch the **Update** key on the bottom of the display.
10. The GTN Xi will show the prompt “Start GMA 35 Software Updates?”
11. Touch **OK** to proceed with the software update.

12. If the GMA Software v6.11C was loaded from a newer version, continue with the following steps.
 - a. Once the load is complete, stop power to the GMA 35 and GTN.
 - b. Energize the GTN and GMA 35. The Configuration Mode home page will show.
 - c. Touch **External Systems** on the Configuration Mode home page.
 - d. Touch **Audio Panel**.
 - e. Touch **Configure**.
 - f. Touch the **Set to Default** key to set the GMA 35 to the default settings.
 - g. Once the settings have been set to default, stop power to the GTN Xi and GMA 35.
 - h. Energize the GTN Xi and GMA 35. The Configuration Mode home page will show.
 - i. Touch **External Systems** on the Configuration Mode home page.
 - j. Touch **Audio Panel**.
 - k. Touch **Configure**.
 - l. Enter the configuration settings recorded in Part One, Step 6.
13. Once the update has been completed, stop power to the GMA 35 and GTN Xi.
14. Remove the software loader card.
15. Put the database card into the GTN Xi SD Card slot.
16. Continue to Part Four: GMA 35/35c Software Verification Procedure.

Part Four: GMA 35/35c Software Verification Procedure

1. If GMA 35/35c software was not updated, then continue with the following steps. If GMA 35/35c software was updated, then no further software verification is required.
2. With the GTN Xi off, touch and hold the "Home" key.
3. Energize the GTN Xi to enter Configuration Mode.
4. Release the "Home" key when the display activates and the Garmin logo shows fully illuminated on the display.
5. Make sure that the GMA 35 is energized.
6. Touch **System Information** on the Configuration Mode page.
7. Touch **GTN**.

8. Select GMA 35 in the Select LRU Type list. On the System Information page for the GMA 35, make sure:

Table 9

Software Component	Software Part Number	Version for P/N 011-02299-6() and P/N 011-02299-8()
Audio Processor		
Main Software / GMA System Code	006-B2103-08	5.31C
Region List / GMA Region List	006-D3035-D8	5.20C
ARC Database / Audio Configuration	006-D3035-JD	5.30C
Configuration File / GMA Configuration	006-D4533-25	4.20C
Auxiliary Processor		
Main Software / GMA AUX System Code	006-B2104-09	6.11C
Region List / GMA AUX Region List	006-D3034-CF	6.00C
Audio Database / GMA AUX Audio Data	006-D3034-C8	5.55
ASR Grammars / GMA Voice Command Grammars	006-D3034-33	4.20
ASR Language / GMA Voice Command Language	006-D3034-08	2.00
ASR DDG2P / GMA Voice Command DDG2P	006-D3034-09	2.00
TTS Audio Data / GMA AUX TTS Data	006-D3034-24	4.10
TTS Grammars / GMA AUX TTS Grammars	006-D3034-C5	5.50

9. Touch **External Systems** on the Configuration Mode page.
10. Touch **Audio Panel**.
11. Touch **Configure**.
12. Make sure the GMA 35 configuration settings match those from Part One, step 6. Correct as necessary.

MODIFICATION INSTRUCTIONS FOR LOADING PREVIOUS SOFTWARE VERSIONS



NOTE

Refer to the corresponding Garmin service bulletin in the table below for instructions on loading to older software versions.



NOTE

When loading older GTN Xi software versions, make sure all corresponding GMA software versions are also loaded as specified in the applicable Garmin service bulletin.



NOTE

GTN Xi COM software versions before 2.10 are not compatible with GTN Xi unit part numbers ending in -()1.



NOTE

Negative COM carrier squelch settings require Main Software Version 20.42 and later and COM Software Version 2.11 and later. The COM carrier squelch setting must be set between 0 and 100 before installing older software versions.

Table 10. Previous Software Versions

Previous Software Version	Corresponding Garmin Service Bulletin
GTN Xi Main 20.43 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.6 GTN Xi COM 2.11 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)	25001
GTN Xi Main 20.42 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.6 GTN Xi COM 2.11 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)	24037

Table 10. Previous Software Versions

Previous Software Version	Corresponding Garmin Service Bulletin
<p>GTN Xi Main 20.41 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.6 GTN Xi COM 2.11 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)</p>	<p>24012</p>
<p>GTN Xi Main 20.33 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.2 GTN Xi COM 2.10 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)</p>	<p>23104</p>
<p>GTN Xi Main 20.32 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.2 GTN Xi COM 2.10 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)</p>	<p>23084</p>

Table 10. Previous Software Versions

Previous Software Version	Corresponding Garmin Service Bulletin
GTN Xi Main 20.31 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.2 GTN Xi COM 2.10 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)	23073
GTN Xi Main 20.30 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.2 GTN Xi COM 2.10 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)	22108
GTN Xi Main 20.01 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.2 GTN Xi COM 2.10 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)	22082

Table 10. Previous Software Versions

Previous Software Version	Corresponding Garmin Service Bulletin
GTN Xi Main 20.24 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.2 GTN Xi COM 2.10 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)	22081
GTN Xi Main 20.24 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.2 GTN Xi COM 2.02 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.04 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software (including Audio ARC DB 4.22C)	22071
GTN Xi Main 20.01 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.1 GTN Xi COM 2.00 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.03 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software	2081

Table 10. Previous Software Versions

Previous Software Version	Corresponding Garmin Service Bulletin
GTN Xi Main 20.01 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.0 GTN Xi COM 2.00 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.03 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software	2036
GTN Xi Main 20.01 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.0 GTN Xi COM 2.00 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.02 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software	2026
GTN Xi Main 20.01 GTN Xi Main FPGA 2.0 GTN Xi Display FPGA 2.0 GTN Xi Touch 2.01 GTN Xi WAAS 8.0 GTN Xi COM 2.00 GTN Xi COM FPGA 2.0 GTN Xi NAV 2.01 GTN Xi NAV FPGA 2.0 GMA 35 System 4.20A GMA 35 System 4.21C and associated software	2025

RETURN TO SERVICE TEST PROCEDURE

Successful completion of Part Two of this bulletin is adequate to return the GTN Xi to service.

Installers that are not applying the Garmin STC should refer to appropriate test procedures for GTN Xi installation return to service. Successful completion of the applicable ground checks per Section 6.10 and Section 6.11 of the GTN Xi Series TSO Installation Manual (or appropriate STC data) may be adequate to return the GTN Xi installation to service.

Installers that are applying the Garmin STC should refer to the appropriate STC Service Bulletin for installation return to service test procedures.