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SERVICE BULLETIN (Non-Certified Aircraft) NO.: 26089 Rev A

TO: Non-Certified Aircraft Owners
DATE: July 14, 2026
SUBJECT: GPS 175/GNX™ 375/GNC® 355 Main Software Version 3.30 and GNX 375 Transponder Software Version 2.90
CERTIFICATION AUTHORIZATION: TSO Authorization Software for Non-Certified Aircraft (see Approval section for details)

Note: This Service Bulletin is provided solely for the purpose of installing the Subject software in non-certified aircraft. This Service Bulletin is not intended for software installation on certified aircraft whose maintenance must be performed by persons authorized in accordance with 14 CFR 43.3. This software update is NOT an owner/operator eligible activity as “preventative maintenance” under 14 CFR 43 for FAA certified aircraft. Non-certified aircraft owners who, upon reviewing these instructions, do not feel qualified to perform this upgrade without any assistance should contact a Garmin dealer to perform this important upgrade.

PRODUCTS AFFECTED

GPS 175, GNC 355, and GNX 375 products listed below with Main Software Version 3.22 and earlier are affected:



NOTE

The software installation procedure documented in this bulletin can be used to load Main Software Version 3.30 from a newer software version.

Table 1. Products Affected

Model	Appliance P/N
GPS 175	011-04377-00
GNX 375	011-04378-00
GNC 355	011-04956-00
GNC 355A	011-04956-30

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PURPOSE

GPS 175/GNX 375/GNC 355 Main Software Version 3.30 contains the following changes:

New and Updated Features

- Added support for AXIS™ Flight Displays
- Enabled Radio Control from GTN™ Xi, TXi and AXIS
- Smart Alert popups are now coordinated between LRUs

General Update

- A loaded approach or vectors-to-final can now be activated even if the active leg in the flight plan is going to a different airport
- Update GTX™ Transponder software on GNX™ IFR Navigator unit to v2.90
- Changed the text on activating approaches from 'Activate Approach' to 'Activate VTF' or 'Activate - D-> <waypoint>'
- Disabled internal Bluetooth when a FS 510 or AXIS is detected in the system.
- The VSR value remains the calculated VCALC value even when there is an existing cross-side navigator with VNAV enabled
- Origin airport will only be added once at initialization if the flight plan is empty
- Parallel track computation has been improved
- Local time offset range has been changed to -12:00 and +14:00
- Changed 'Fuel on Board' button/field label to 'EST Fuel Remaining' when using sensor data
- Improved load times of Nearest Airport list after criteria change
- Changed the Nearest Airport page indication of visual guidance being available from 'VFR' to 'Visual' and '----' when no guidance is available.

Software Corrections

- Corrected an issue where vertical guidance for visual approaches was limited to 3 degrees described in Service Alert 26050
- Corrected an issue where nav sync master would not transfer to the cross-side navigator if the main navigator loses GPS
- Corrected an issue where map page data fields were not showing user airport data correctly
- Corrected an issue where the stored flight plan catalog data would be lost during upgrade
- Corrected an issue where the calibration would not complete when selecting 'Up' as AHRS orientation
- Corrected an issue that mislabeled Satellite Constellation Numbers shown on the GPS status page
- Corrected an issue where the Direct-to course was removed remains after when the flight plan is deleted after a turn
- Corrected an issue where the Hold Leg timer stayed at the time remaining when exiting the hold instead of reverting to the time set by the pilot
- The header string for STARs on the Flight Plan page and Procedures page now correctly shows waypoint identifier associated with common and runway transitions

DESCRIPTION

This modification consists of accessing the Garmin website and uploading GPS 175/GNX 375/GNC 355 Main Software Version 3.30 and GNX 375 transponder software version 2.90.

COMPLIANCE

MANDATORY: This service bulletin must be accomplished no later than January 29, 2027.

APPROVAL

GPS 175/GNX 375/GNC 355 Main Software Version 3.30 and Transponder Software Version 2.90 are TSO authorized.

GPS 175/GNX 375/GNC 355 Main Software Version 3.30 and Transponder Software Version 2.80 are TSO approved. Refer to the GPS 175 TSO Installation Manual (190-02207-00), GNX 375 TSO Installation Manual (190-02207-04), or GNC 355 TSO Installation Manual (190-02488-00) for additional approvals. The changes from GPS 175/GNX 375/GNC 355 Main Software Version 3.22 are minor per 14 CFR 21.619.

DOCUMENTATION CONSIDERATIONS

The GPS 175/GNX 375/GNC 355 Pilot's Guide (Garmin P/N 190-02488-01 Rev C, has been updated to reflect the changes associated with software version 3.30.

REFERENCES

Table 2. References

Document Number	Revision (or later)	Description
190-02207-00	4	GPS 175 TSO Installation Manual
190-02207-04	3	GNX 375 TSO Installation Manual
190-02488-00	3	GNC 355/355A TSO Installation Manual
190-02488-01	C	GPS 175/GNC 355/GNX 375 Pilot's Guide

MANPOWER

One (1) hour labor per unit installed.

WARRANTY INFORMATION

This modification is not warranty reimbursable.

SOFTWARE INSTALLATION AND VERIFICATION INSTRUCTIONS

These instructions explain how to:

- Upgrade GPS 175 main software to version 3.30
- Upgrade GNX 375 main software to version 3.30 and Transponder software to version 2.90
- Upgrade GNC 355 main software to version 3.30
- Load GPS 175/ GNX 375/GNC 355 main software 3.30 from a newer main software version

GPS 175/GNX 375/GNC 355 loader cards contain Main Software Version 3.30 and the following software versions for other product software components:

Table 3. Software

Loader Software (Loader Card)	Software Included
006-B3353-0E (010-02089-0C) GPS 175/GNX 375/GNC 355 Software	• GPS 175 ◦ Main Board Software Version 3.30 ◦ Touch Application Version 2.00 ◦ GPS WAAS Board Software Version 8.2 • GNX 375 ◦ Main Board Software Version 3.30 ◦ Touch Application Version 2.00 ◦ GPS WAAS Board Software Version 8.2 ◦ Transponder Board Software Version: 2.90 • GNC 355 ◦ Main Board Software Version 3.30 ◦ Touch Application Version 2.00 ◦ GPS WAAS Board Software Version 8.2 ◦ VHF COM Software 2.30

Part One: Loader Card Creation

1. Refer to Section 7.2.1 of the GPS 175 TSO Installation Manual (190-02207-00), GNX 375 TSO Installation Manual (190-02207-04), or GNC 355 TSO Installation Manual (190-02488-00) for instructions to create a software loader card.
2. Proceed to Part Two.

Part Two: GPS 175/GNX 375/GNC 355 Software Installation

1. Connect the aircraft to ground power.



NOTE

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



NOTE

It is highly recommended to record the configuration settings before proceeding.

2. Put the 3.30 loader card into the card slot on the right side of the GPS 175/GNX 375/GNC 355.
3. Push and hold the inner knob, and push the power key to enter Configuration Mode.
4. Release the knob when the Configuration Mode page displays.
5. Touch **Updates**.



Figure 1. GPS 175 Configuration Mode



Figure 2. GNX 375 Configuration Mode



Figure 3. GNC 355 Configuration Mode

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

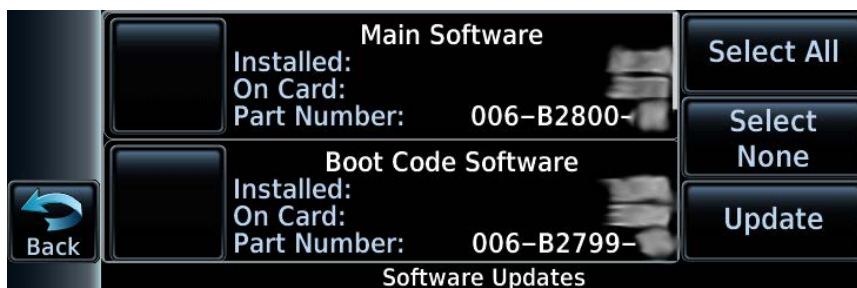


Figure 4. On Card Software

Table 4. GPS 175 On Card

Software	“On Card” Version Displayed
Main Software	3.30

Table 5. GNC 355 On Card

Software	“On Card” Version Displayed
Main Software	3.30

Table 6. GNX 375 On Card

Software	“On Card” Version Displayed
Main Software	3.30
Transponder Software	2.90

7. Select the software items to be uploaded. A green check mark will appear next to each software item that is selected.
8. Touch **Update** on the bottom right of the display to update the software.
9. A progress screen will show progress towards completing the update.
10. Once the update is complete, remove power.
11. Remove the software loader card.
12. Put the database card into the SD card slot.
13. Continue to Part Three.

Part Three: GPS 175/GNX 375/GNC 355 Software Verification

1. Power up the unit into Normal Mode.
2. Touch **System**.
3. Touch **System Status**.
4. Verify the following applicable software version:
 - GPS 175
 - Main Software Version 3.30
 - GPS/WAAS Software Version 8.2
 - GNX 375
 - Main Software Version 3.30
 - GPS/WAAS Software Version 8.2
 - Transponder Software Version 2.90
 - GNC 355
 - Main Software Version 3.30
 - GPS/WAAS Software Version 8.2
 - Com Software Version 2.30
5. Power off the unit.
6. Push and hold the inner knob, and push the power key to enter Configuration Mode.
7. Inspect configuration settings to make sure configuration settings are retained though the software update. Correct as necessary.

For the GNX 375 Only:

8. Inspect Diagnostics -> XPDR -> Faults page. If CFG Module fault is red X as shown below, then proceed to step 9 to clear the fault.



Figure 5. XPDR Faults

9. Touch **SD Save**.



Figure 6. SD Save

10. Touch **Setup**.



Figure 7. Setup

11. Touch **XPDR**.



Figure 8. XPDR

12. Touch **Clear XPDR Settings**.

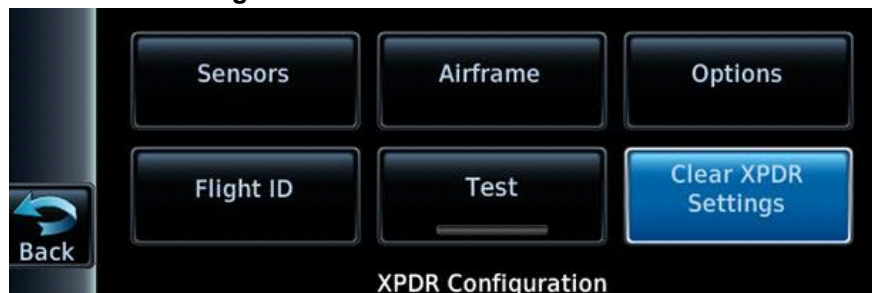


Figure 9. Clear XPDR Settings

13. Touch **OK** to reset all XPDR Settings.



Figure 10. Reset All XPDR Settings

14. Touch **SD Load** to load transponder config to the SD card.



Figure 11. SD Load

15. Cycle Power to the unit.
16. Go to config mode.
17. Make sure config mode fault is cleared and transponder config settings are correct.

RETURN TO SERVICE TEST PROCEDURE

Successful completion of Part Three of this bulletin is adequate to return the GPS 175/GNX 375/GNC 355 installation to service.

MATERIAL INFORMATION

- The GPS 175/GNX 375/GNC 355 Software Loader Image
- GPS 175/GNX 375/GNC 355 SW Data Card (010-02089-0B)

Use the instructions in section 7.2.1 of GPS 175 TSO Installation Manual (190-02207-00), GNX 375 TSO Installation manual (190-02207-04), or GNC 355 TSO Installation Manual (190-02488-00) to make a loader card.

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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