

May 10th, 2021

## Model GP-80/90/150, GP-1650/1850, SC-50/110 and others Remedy for GPS Rollover in 2022

Take a remedy for the GPS Rollover that will occur on January 2, 2022.  
 When the rollover occurs, the date will be shown and output as May 19, 2002.

Note: When the rollover occurs, positions may not be calculated.

In such case, activate the COLD START function.

For the products of the models and GPS program numbers shown below, the following remedy must be taken.

Model	Built-in GPS core
GP-80 GP-90/DUAL,GP-150/DUAL GP-1640/F GP-1650W/WD/WDF/WF, GP-1850W/WD/WDF/WF GP-7000/F GP-3500/F	GN-8096C/D: 4850264*** GN-8097C/D: 4850296***
GP-70MK2 GP-188 GP-280/380/680 GP-8000 PS-8000/MK2 FRS-1000 GP-1800 GP-500MK2 GP-3100/MK2 GP-3300	GB-97 (GN-8098): 4850311***
GP-32/37	GN-8093 chip set: 4850264***
GP-33	GN-8093D/E/F/G/H: 4850264***
GP-320B/ GP-330B/WS-200	GH-8299
FA-50/150	GN-8093D/E/F/G/H: 4850264***
SC-30/50/110	GS-8094C/D/E/F/G: 4850263***
FELCOM15/16 FELCOM18/19	GN-8097B/C/D: 4850296***

## [Remedy]

For the following models, update the program.

Model	Program version
GP-150/DUAL	V.04.05
GP-3500/F	V.06.03
GP-33	V.02.04
SC-30	V.03.03
SC-50/110	V.02.02 (Processor unit)
FA-50	V.02.02
FA-150	V.04.07
FELCOM15/16	V.03.11 / V.05.05
FELCOM18/19	V.01.20

For other models, retrofit is recommended.

## [Temporary remedy]

Activate the COLD START function in accordance with the procedure in the appendix, and then restart the system.

(Positions can be calculated after the COLD START function; however, the date will not be restored.)

## [Subsequent rollovers]

Occurrence date	GPS core and program	Model
Sep. 09, 2028	FGS3ELP-PX	GP-25/27
Jan. 28, 2029	SUP500F	GP-330B

## (COLD START/MEMORY CLEAR Procedure)

Model	Cold Start procedure
P-70MK2	[MENU]->[0]->[NEXT]->[NEXT]->[▼]->[Reverse mark]->[ENT]
GP-188	[MENU]->[9]->[9]->[0]->[9]->[1]->[8]->[8]->[ENT]
GP-80	[MENU]->[9]->[9]->[Clear GPS]->[Yes]->[ENT]
GP-90/DUAL	[MENU]->[9]->[9]->[Clear GPS]->[Yes]->[ENT]
GP-150/DUAL	[MENU]->[9]->[9]->[Clear GPS]->[Yes]->[ENT]
GP-1640/F	[MENU]->[CONFIGURATION]->[SYSTEM MENU] ->[MEMORY/TRIP CLEAR]->[CLEAR GPS MEMORY]
GP-1650W/WD/WDF/WF GP-1850W/WD/WDF/WF	[MENU]->[CONFIGURATION]->[SYSTEM MENU]-> [MEMORY/TRIP CLEAR]->[CLEAR GPS MEMORY]
GP-280/380/680	[MENU]->[9] System Setting->[2] GPS Setup->[Cold Start]->[Yes]
GP-1800	[MENU]->[9] [SYSTEM SETUP]->[CLEAR MEMORY]->[GPS]->[ENT] ->Turn off and on the power.
GP-500MK2	[MENU]->[9]->[6]->[CLR]->[1]->[ENT]
FRS-1000	[PLTR MENU/ESC]->[0]->[7] SYSTEM SETTING-> [PAGE 4] BACK TO DEFAULTS->[GPS RCVR]->[ENT]->[ENT]
PS-8000/MK2	[PLTR MENU/ESC]->[0]->[7] SYSTEM SETTING-> CLEAR MEMORY->the [Arrow] key->[GPS]->[ENT]->[ENT]
GP-7000/F	MENU->ADVANCED->INPUT/OUTPUT->INTERNAL GPS SETUP-> RESTRT GPS
GP-8000	[MENU]->[8]->[▼] CLEAR MEMORY->[ALL]->[ENT]
GP-3100/MK2/3300	[MENU]->[8] INITIAL SETTINGS->[↑]GPS INITIAL SETTINGS-> COLD START->YES
GP-3500/F	[MENU]->[0] SYSTEM SETUP->[6] TEST & MEMORY CLEAR ->[5] GPS COLD START
GP-32/37	[MENU]->[ERASE]->[ENT]->[GPS DATA]->[ENT]->[ERASE GPS DATA?]->[YES]->[ENT]
GP-33	[Menu]->[System]->[ENT]->[Reset]->[ENT]->[GPS]->[ENT]->[On]-> [ENT]->[Yes]->[ENT]
GP-320B	-When NAV1 is connected, it is available from [GPS SENSOR SETTINGS]. -When NAV1 is not connected, see FQ8-2020-001.
GP-330B/WS-200	Activate [COLD START] at every startup.
FA-50	COLD START from the MENU is unavailable.
FA-150	COLD START from the MENU is unavailable.
SC-30	Activate COLD START at every startup.
SC-50/110	[MENU]->[ERASE]->[ENT]->[GPS DATA?]->[YES]->[ENT]
FELCOM15/16	COLD START from the MENU is unavailable.
FELCOM18/19	COLD START from the MENU is unavailable.