Sauer-Danfoss PLUS+1 GUIDE Service Tool Software Version 6.0.8 Release Notes

This file contains important supplementary and late-breaking information that may not appear in the main product documentation. We recommend that you read this file in its entirety.

Product License

After you have installed the PLUS+1 GUIDE Service Tool you can immediately download programs and premade Diagnostic files (to monitor your program and set parameters).

To design Diagnostic files, you must either purchase a **PLUS+1 GUIDE Service Tool Design License** or a **PLUS+1 GUIDE License** (license for programming). Please order these through your local Sauer-Danfoss sales person. After purchase, you will be sent an email with a Product Key that will allow you to activate a License Key. Please follow the instructions under Help in the License Manager.

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VERSION 6.0.8 (December 2012)

Version 6.0.8—New Features and Functionality (see User & Design Manuals for more detailed information)

A new parameter settings dialog will now appear when downloading applications with common parameters. This dialog will display the changes in the parameter structure and allow configuration of parameter values. This dialog can be configured to always be displayed during file download in the Service Tools options. [F00083]

A new component called "Panel" is now available in Advanced Screens.
The new Align property can be used to align components within a panel component or the screen area. It is available in the Inspector under Screen Attributes. Three (3) new wizards are also available in Advanced Screens (All Signals, All Parameters & Error Log). [F00157]

It is now possible to scale signal values in Advanced Screens. Scale Definitions are created in the Definitions pane (formerly called Lookup Tables) and can be selected in Log and Parameter components. [F00182]

Installing Diagnostic Data files is now supported for protocols which support this functionality. The "Recover ECU" is also available for all protocols and gateways (where supported). The Service Tool is now running in "Multiple Protocols" mode at all times. The "PLUS+1 only" and "Multiple Protocols" menu items have been removed. [F00183]

Alignment tools such as Guidelines, Rulers and Magnetic Snap are now available in Advanced Screens. These are enabled or disabled in the Advanced Screen options. [F00176]

It is now possible to Copy/Paste components between Advanced Screens. [F00138]

Additional image formats (PNG/GIF) are now supported in Advanced Screens. [F00139]

The cursor keys can now be used to select, move and resize components when designing Advanced Screens. [F00184]

Lookup Tables are now sorted alphabetically in Advanced Screens. [F00179]

A progress bar is now available in the Windows task bar when downloading applications (Windows 7 and later only). [F00198]

The Service Tool Manual is now split into two parts. The "User Manual" includes run mode operations, and the "Design Manual" includes designing diagnostic applications. [F00195]

The signal/parameter selection in basic log and parameter design has been updated. [F00196]

Important Advisory—Potential User Issues

Upgrading PLUS+1 GUIDE Service Tool files to version 6.0 is a one-way process. Once these files are upgraded to version 6.0, they cannot be opened by earlier versions of the PLUS+1 GUIDE Service Tool program.

When experiencing problems with parameter lookup tables that are automatically selected when designing Advanced Screen created in an earlier version of the Service Tool, please use the following workaround; Delete the lookup table that is automatically selected and create it again.

If the Service Tool is started as normal user (not as administrator), problems might occur when exporting definitions. If you experience problems, please start the Service Tool as administrator.

Version 6.0.8—What is Fixed

The controller memory Auto-Fix functionality during application download could previously target the wrong ECU if the system contained several ECUs using the same GUIDE application. This has now been fixed. [P100002359]

The Parameter File Import/Export, Set Default, and Check/Uncheck all parameters functionality now locks the user interface until complete. A progress dialog has also been added. [P100002424]

The Screen area is now resized when Advanced Screens are displayed and the Diagnostic Navigator is hidden or undocked. [P100002403]

Occasional problems when opening P1D files containing multiple files with the same name has now been resolved. [P100002344]

It is now possible to install Diagnostic Data from an LHX file. [P100002345]

Zipped kernel diagnostic data is now supported. [P100002388]

Problems when setting Hide Component and Tooltip properties through the Inspector in Advanced Screens has now been resolved. [P100002420] [P100002423]

It was possible to set a minimum and maximum value outside the parameter data type in the Standard Parameter Component in Advanced Screens. This could cause the Log/Upload/Download parameter values menu items and toolbar buttons to be disabled. This is now resolved. [P100002421] [P100002422]

Values containing "," and "." was accepted when pasted in the Standard Parameter Component when not using Multiplier or Scale Definitions. This is now resolved. [P100002397]

Occasional problems when editing signal properties in the Oscilloscope Component in Advanced Screens have now been resolved. [P100002419]

It was possible to enter duplicate names for components in Advanced Screens. This issue is now resolved. [P100002393]

Occasional problems when entering negative values in the Standard Parameter Component have now been resolved. [P100002394]

The range interpretation when using the "In Set" operator in Hide Component properties has been improved. [P100002391] [P100002392]

Issues when deleting and adding Lookup Tables has been resolved. [P100002410]

Occasional problems when loading Advanced Screens where the user received the error message "Unable to notify Advanced Screens items" has now been resolved. [P100002437]

The Set Pulse component was sometimes marked with a red border (invalid component) even when the component was valid. This is now resolved. [P100002438]

Occasional problems when loading Advanced Screens after editing the background color has now been resolved. [P100002427]

An issue making it impossible to edit Screens when switching from Online Mode to Offline Mode has now been resolved. [P100002444]

Various issues when entering invalid Parameter values in Basic Parameter Screens are now resolved. [P100002363] [P100002364] [P100002365] [P100002366] [P100002367]

It is now possible to use a CG150 with CANKing together with the Service Tool when using Multiple Protocols. [P100002327]

Imported Lookup Tables was sometimes marked as incorrect until being edited. This is now fixed. [P100002382]

Lookup Table names are now verified to be unique also when renaming Tables in the Lookup Tables/Definitions pane. [P100002381]

Oscilloscope size settings are now saved when pressing the Auto Resize button. [P100002378]

The Snap to Grid setting in Advanced Screens is now also used when moving components using the arrow keys. [P100002331]

The default component settings and grid settings in Advanced Screens are now saved correctly when leaving the screens. [P100002349]

Deleting the Image Description in the Image Repository does not delete the image from the repository. [P100002370]

Occasional issues with the Oscilloscope Component in Advanced Screens when using large fonts have now been resolved. [P100002376] [P100002377] [P1dev00001193]

An issue when adding an already existing Image in the Image Repository has now been resolved. [P100002348]

The component properties "Name" and "Order" in Advanced Screen components are now available in the correct place in the Inspector. [P100002304]

When using an Oscilloscope Component in Advanced Screens and locking the computer, an error message would be displayed when unlocking the computer. This is now resolved. [P100002299]

Invalid Gauge Components were shown in run mode. This is now fixed. [P100002285]

Common properties were not always shown in the Inspector when selecting multiple components in Advanced Screens. This is now resolved. [P100002286]

Valid signals were occasionally marked as invalid in the Graph Component Signal Selection in Advanced Screens. This is now fixed. [P100002294]

A glitch making the Diagnostic Navigator to automatically hide when it should not has been removed. [P100002298]

Array signals now have the correct Access Levels in Advanced Screens. [P1dev00000320]

The Hyperlink Selection dialog and the Array Index dialog in Advanced Screens are now displayed on the same monitor as the parent dialog. [P1dev00001311] [P1dev00001312]

Occasional issues making Lookup Tables corrupt when exporting and importing screens have now been resolved. [P100002457]

Parameter values are now validated when importing parameter values from file. [P100002516]

The needle indication in the Graph Component in Advanced Screens was sometimes incorrect when logging signals with the S32 data type. This has now been corrected. [P100002508]

The Advanced Screen Design settings are now saved correctly. [P100002494]

Occasional issues when using Parameter Lookup Tables in the Standard Parameter Component in Advanced Screens have been resolved. [P100002475] [P100002476]

The Log Component positions in Graphical Overview are now saved correctly in Basic Screens. [P100002398]

Images and texts are now available in Advanced Screens after playing log files. [P100002541]

A memory leak when using Advanced Screens has been removed. [P100002509] [P100002537]

Occasional issues when hiding the panes in Advanced Screen Design have been resolved. [P100002495]

Corrupt HEX files are now detected. [P100002514]

It is now possible to play read-only log files. [P100002343]

The Unit property is now aligned correctly in Advanced Screen components. [P100002552]

It is now possible to log to file using Hardware Diagnostic files. [P100002353]

Hyperlinks now work when using Hardware Diagnostic files. [P100002323]

It is now possible to scroll vertically in Advanced Screens using the mouse scroll wheel. [P100002565]

Previously fixed defects are not detailed in this document, but can be found in earlier Read Me files.

Product Information on the Web

For technical support, visit the Sauer-Danfoss support pages:

http://www.sauer-danfoss.com/Products/MobileElectronics/PLUS1Guide/PLUS1GuideSupport/index.htm

Telephone support:

North America:1.888.50PLUS1 (1-888-507-5871)

Europe: +46 476-569 06

Email support: helpdesk@sauer-danfoss-plus1.com

Please report all suggested enhancements and great ideas to:
PLUS+1 Help desk

Please report all defects to:
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Many thanks for all of your support.
The System Development Tools Team.

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