

## Yanmar Smart Assist-Direct Version 2.x Upgrade Guide

Part No. Rev 1.0

Enter Your Smart Assist User ID and Password below for safe keeping.

Please enter your User ID and Password.	
User ID Password	
► Sign in	

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Printed in the U.S.A

## Yanmar Smart Assist Upgrade from Version 1.x to Version 2.x

Yanmar has upgraded their Smart Assist – Direct (SA-D) Diagnostic software program. The current version of SA-D (Version 1.x) will no longer be maintained after April 1<sup>st</sup> and it is recommend switching to the new SA-D (Version 2.x) as quickly as possible.

The new SA-D Version 2.x is currently available. Since release of new SA-D Version 2.x, the updates for version 1.x will no longer be available. The only updates for version 1.x will be license extension. The transition period will be until April 2017. After this transition period is over all support for version 1.X will be discontinued.

So What's Changing:

The program user interface has been changed but the functionality of the software is essentially the same.

The Major changes are:

- The Start Menu and Main Menu screens have been changed
- The reprogram ECU function has been re-designed for easier use
- The Training mode has been improved to include ECU Software update and ECU replacement.

This document will detail how to upgrade the software. It is important to understand that the current SA-D (Ver 1.x) and the new SA-D(Ver 2.x) CANNOT co-exist on the same PC. Please read through these instructions completely before starting and follow all steps in order.

## Procedure Steps:

- 1. Before starting, you will need to have the following to continue:
  - a. Smart Assist User ID
  - b. Smart Assist Password
  - c. Smart Assist Installation Key
  - d. Internet Connection

**NOTE: Do not** proceed any further until you have these pieces of information. If you cannot find them, contact TAC and they will try to help you out.

2. First thing we need to do is verify that there are no engine software files left stored on your current version of Smart Assist (Rev 1.x)

- 3. While connected to Internet, open your existing version of SA-D Rev 1.x.
  - a. Enter your Password.

Menu.

bottom.

b. Select "Industrial Engine" and then "Engine" from start menu.



Exchange Complete change Cancel

e. Select "Exchange Complete" and verify that there are no files in the list. If there are, click the box under the "Complete" column of the file that needs to be returned to Yanmar Server, and click "Send"; otherwise select "Cancel".

Exchange Informati Janagement

NDUSTRIAL ENGINE / Engine / -



StartMenu

f. Open "Exchange Cancel" and verify that there are no files in the list. If there are, click the box under the "Cancel" column of the file that needs to be returned to Yanmar Server, and click "Send"; otherwise select "Cancel".

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Click "Send".							
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The file will now be returned to Yanmar server.





Software return is complete. You can close out of the Smart Assist program.



4. On your computer, Navigate to "Control Panel" and then "Programs" or "Programs and Features". Scroll down to find "SMARTASSIST-Direct" file and click on the file, then select "Uninstall". This will remove the older version of Smart Assist from your computer.

🔾 🗢 🛃 🕨 Control Panel	All Contro Panel Items      Programs and Features		▼ 4 Sear	rch Programs an	d Features
Control Panel Home View installed updates Turn Windows features on or off	Uninstall or change a program To uninstal a program, select it from the list a Organize - Uninstall Change Repair	and then click Uninstall, Change, or Repair.			8H <b>•</b> (
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	Kealtek High Definition Audio Driver     SAP Business Explorer     SAP GUI for Windows 7.40 (Patch 7)     SAP GUI for Windows 7.40 (Patch 7)     SI Engine Tool Launcher     SI Engine Tool Launcher	Realtek Semiconductor Corp. SAP AG SAP SE SAP SE Kubota Corporation Kubota Corporation	10/27/2016 10/27/2016 10/27/2016 10/27/2016 2/21/2017 2/21/2017	5.40 MB	6.0.1.6085 7.30 7.40 Compilation . 1.1.0 1.01.0000
	SMARTASSIST-Direct	Yanmar	2/15/2017	38.3 MB	1.11.0
	Snagit 11 Snapshot Viewer Symantec Endpoint Protection	TechSmith Corporation Microsoft Symantec Corporation The Toro Company	10/27/2016 10/27/2016 10/27/2016 1/31/2017	113 MB 1.12 MB 1.05 GB 14.7 MB	11.0.1 10.0 12.1.7004.6500 1.2.3000

5. From your internet browser, connect to the Yanmar website at: <u>https://ymrsac.yanmar.co.jp/SMARTASSIST/flex/SaTop.html</u>

6. At the log in screen,	SMARTASSIST
Enter your Smart Assist UserID and Password	Please enter your User ID and Password.
Click "Sign in"	→ Sign in



- 7. At the Menu, Click on the "SMARTASSIST-Direct Downlead" button.

   Name : Matt Uveges (ID: 95202273) / Last Login Time 02/21 / 2017 082955

   Memu : Matt Uveges (ID: 95202273) / Last Login Time 02/21 / 2017 082955

   Usage Application List

   License List
- 8. Click the "DOWNLOAD" button for the "SMARTASSIST-DIRECT Installer [Selfextracting file]"

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10. When download is complete a pop-up message will confirm. Click "OK"

INFORMATION				
Dov	wnload Completed !			
	OK			

11. On your desk top is the following Icon. Double Click on it to open and run.







15. The new program is extracting program to your computer.

SA-Direct - InstallShield Wizard	
<u>a</u> ,	Preparing to Install
	SA-Direct Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
	Extracting: SA-Direct.msi
	Cancel





<ul> <li>17. Install wizard checks for Internet connection. Once the program is launched, it immediately goes out and checks for any updates.</li> <li><u>Do Not</u> have the Yanmar diagnostic cable connected to your computer.</li> <li>Click "Next"</li> </ul>	SMARTASSIST-Direct Infomation SMARTASSIST-Direct Infomation Confirmation of the Internet connection environment. It is necessary to connect with the center after it installs it, to initialize, and to make it to the environment with which the Internet can be connected, please. Moreover, Please do not connect the Interface-box.
	InstallShield < Back Next > Cancel







When the Installation is complete this form will appear. Click in the box to "Launch SA-Direct. This will automatically bring up the long in screen. Click "Finish"



- 22. The new version Log in screen will now appear. Enter your UserID and Password and select "Login".
- 23. You can delete the SA-Direct\_Setup Icon as it is no longer needed.

9	SMARTASSIST Login version 2.10.0
SA-Direct S	Serial No 00001238 UserID
SA Direct	Password Login Exit
	[Offline]version 2.10.0.0

24. Once you successfully log in this will be the new Start Menu. Only "Industrial Engine" button is shown as that is what we are licensed for.

Take a moment to login and download the manuals and set up the units.

25. Click "Industrial Engine" and then click on "Engine"





26. Smart Assist will update the latest information from the Yanmar Server. Please wait as it performs this.

Main Menu ToolBar  ECU Access Data Management Database Access Advanced Settings/Additional Settings Job Assistant Downloading News Contents	
MenuToolBar	
ECU Access Data Management Database Access Advanced Settings/Additional Settings Job Assistant Downloading News Contents	
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Step : 5 / 10	
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INDUSTRIAL ENGINE / Engine / -	INT

27. This is the new Main Menu. The colored tabs across the top of the old program are now located along the left side:

SMARTASSIST-Direct		83
File(F) View(V) Tool(T) Help(	Η)	
🔊 Main Menu 🖪 🚸 📼		
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INDUSTRIAL ENGINE / Engine /	- ONLI	NE



- 28. To set the temperature and pressure units.
  - a. Click on "Tool(T)" located in the top menu bar.
  - b. Next, go down to "Option(O)"
  - c. Set the Units for Temperature and Pressure
  - d. When finished, Click "Set"



29. The Yanmar Engine Troubleshooting Manuals will need to downloaded and installed in your new SA-D version Rev2.x. The following steps will describe this process. It is important to have the manuals loaded as it can be referenced from the Active Diagnostic Fault Code Screen.

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c. Listed will be all the manuals that are currently available.

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		2	TNVxxC(Tier4) series(JA)	1	05 August,2016	N	1 MB	Japanese
		3	TNVxxC(Tier4) series(EN)	1	26 January,2017	N	2 MB	English
		4	4TNV94FHT Troubleshooting Manual	1	19 January,2017	Ν	5 MB	English
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d. From the table, check the box, in the far left column, for the manual(s) that would be applicable to your engine population and language, and select "Download"

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