



# Yanmar SA-D

## Installation Procedure



**Doosan Infracore**  
Construction Equipment

# “SMARTASSIST-Direct” Installation

Where to find the software program?

15199-EN-01-14-SL

SI1308-022-EN-01-14

40031-EN-02-14-SL



## Service Letter

**SL:** 15199  
**Date:** 13 January 2014  
**Product:** Excavator  
**Subject:** Yanmar Engine Diagnostic Tool (SA-D)

To download the SA-D software:  
Access the "Aftermarket" section of our dealer website "dealers.bobcat.eu" through your Doosan Passport login (<https://www.doosanpassport.com>). Follow the drop down menu's - select [Aftermarket] (Item 1), [Software] (Item 2), [Yanmar SmartAssist-Direct] (Item 3) **[Figure 2]**.



## Service Information

Service Information*		UPDATE	
<b>REF.n°:</b>	SI1308-022	<b>Date</b>	January 13, 2014
<b>MODEL:</b>	Mini-Excavator DX55W, DX90R, DX80R, DX62R-3, DX63-3, DX65R-3		
<b>SUBJECT:</b>	Yanmar Engine Diagnostic Tool (SA-D)		

The 'SA-D software' is available on Doobiz Service System → Technical Support → Technical Material → Diagnostic Program → Yanmar.



## Portable Power

## Service Letter

**SL:** 40031  
**Date:** 7 February 2014  
**Product:** Compressor  
**Subject:** Yanmar Engine Diagnostic Tool (SA-D)

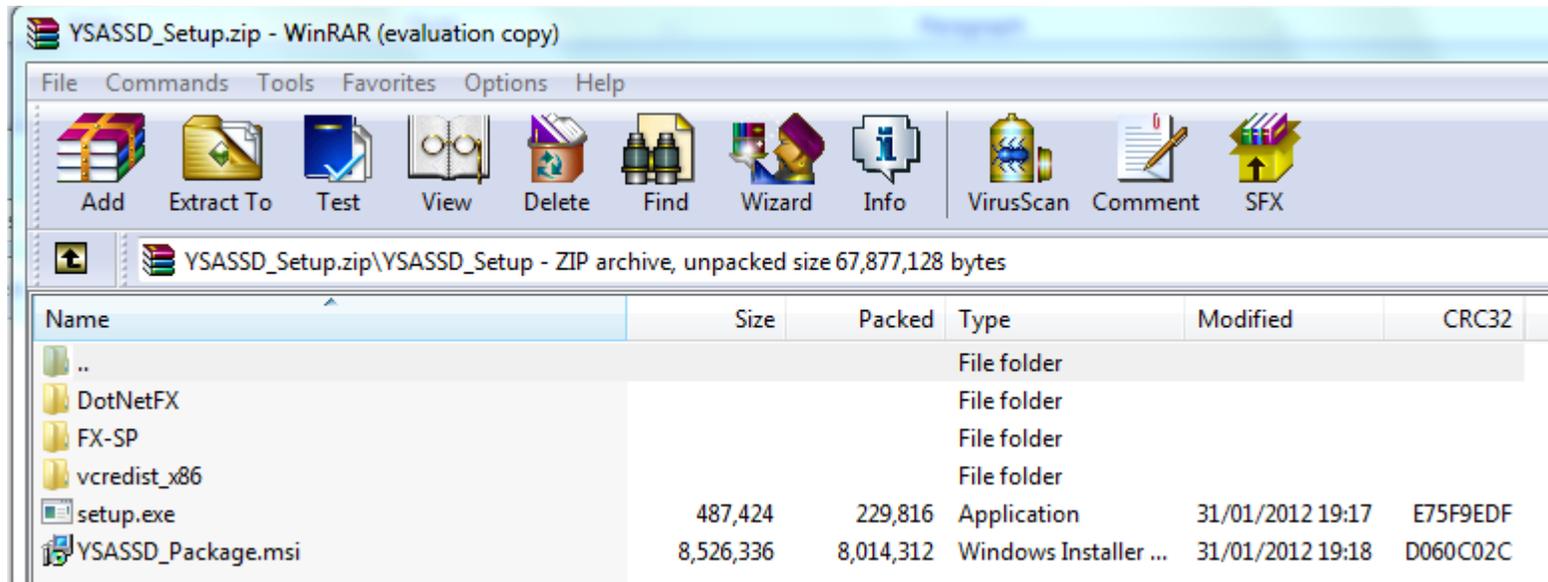
To download the SA-D software:  
Access the link "Portable Power Documentation Database (EMEA)" (Item 1) **[Figure 2]** through your Doosan Passport login (<https://www.doosanpassport.com>).

Select [Service] -> [12\_Service Software] -> [03\_Engines] -> [Yanmar SA-D].



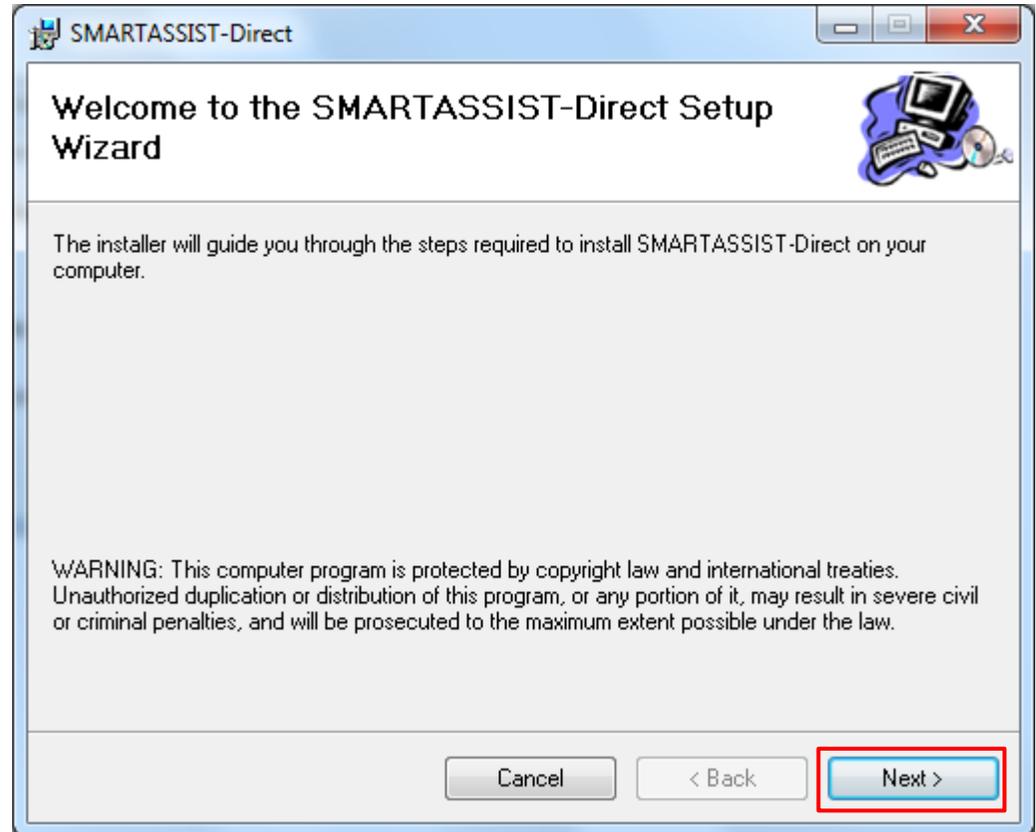
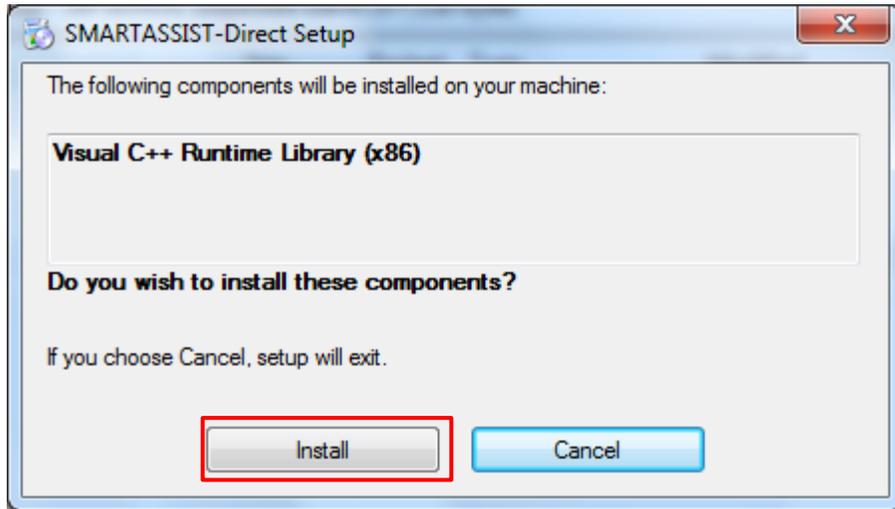
# “SMARTASSIST-Direct” Installation

 YSASSD\_Setup.zip

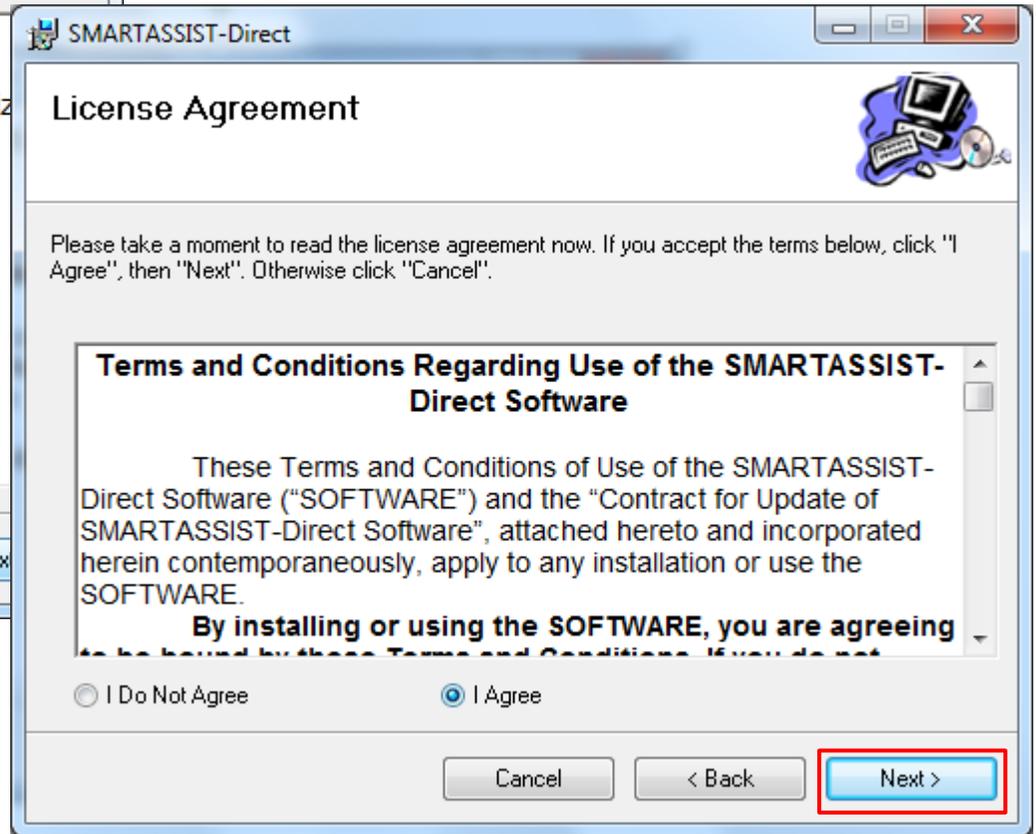
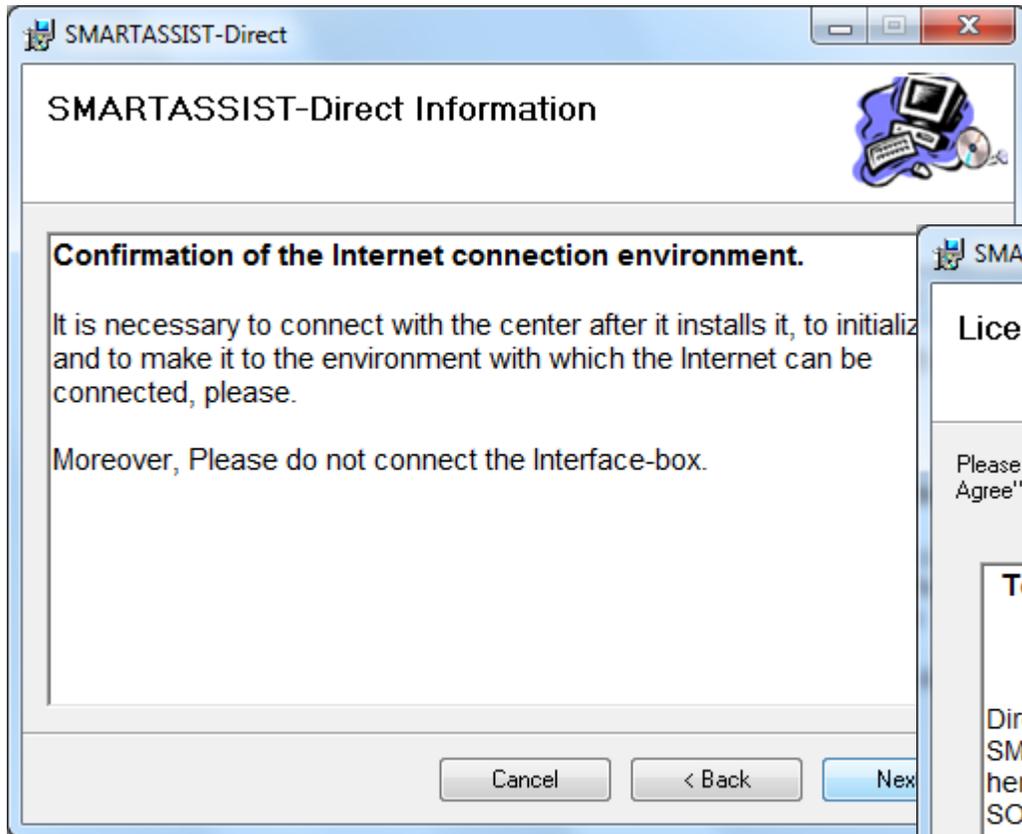


Make sure to UNZIP the software folder (like onto your ‘Desktop’), otherwise installation process will not be allowed !

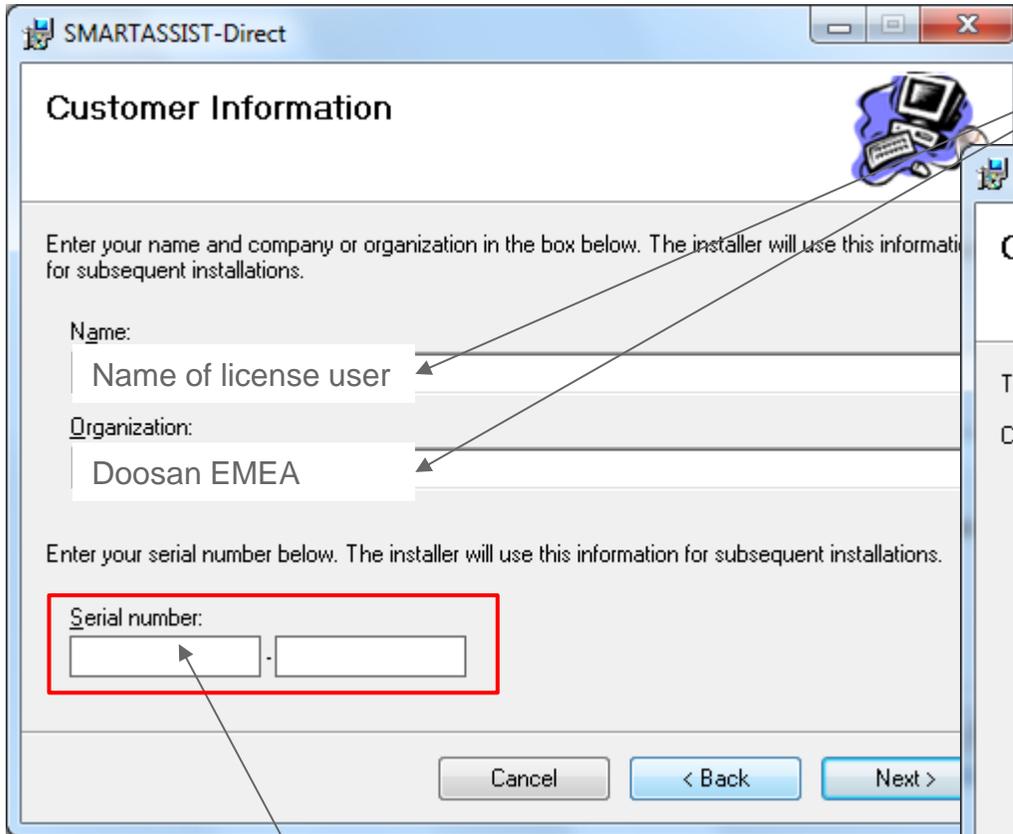
# “SMARTASSIST-Direct” Installation



# “SMARTASSIST-Direct” Installation



# “SMARTASSIST-Direct” Installation



SMARTASSIST-Direct

### Customer Information

Enter your name and company or organization in the box below. The installer will use this information for subsequent installations.

Name:

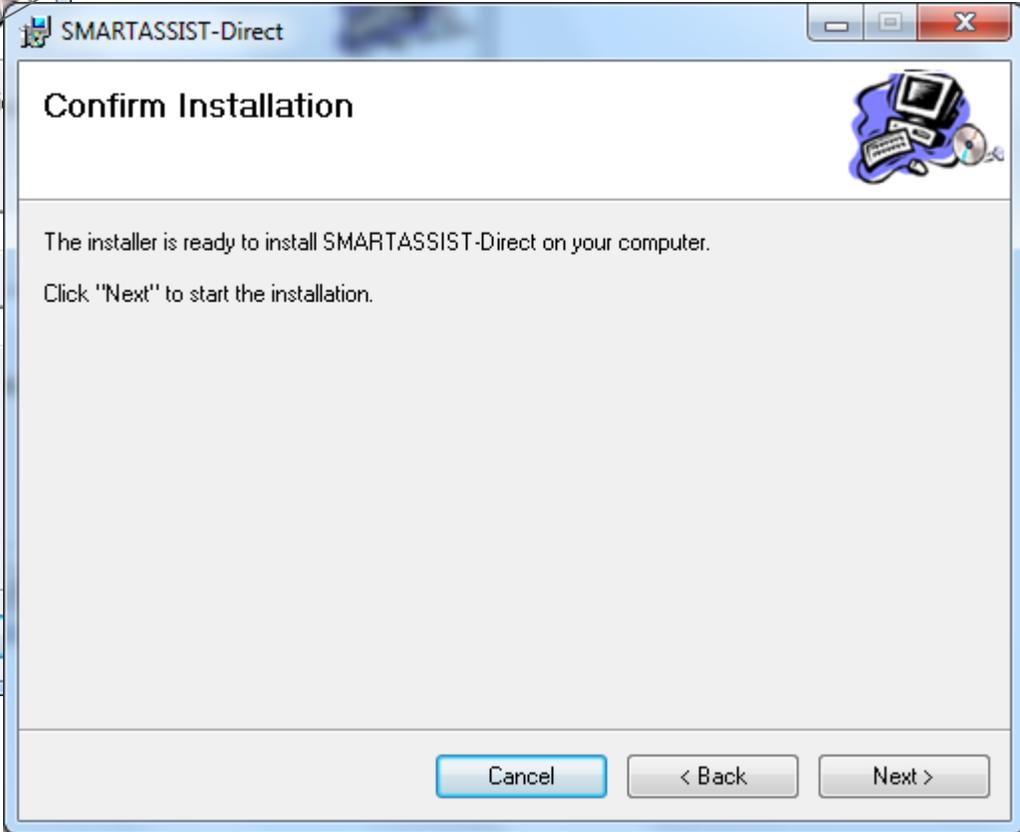
Organization:

Enter your serial number below. The installer will use this information for subsequent installations.

Serial number:  
 -

Cancel < Back Next >

Optional information



SMARTASSIST-Direct

### Confirm Installation

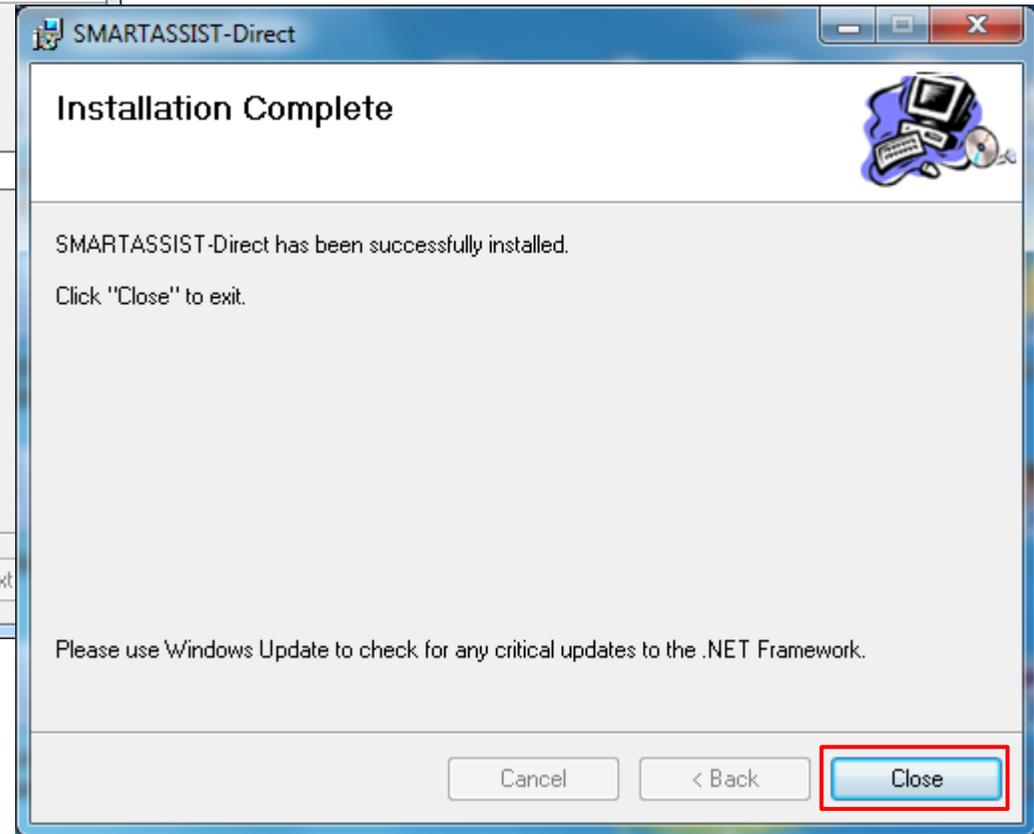
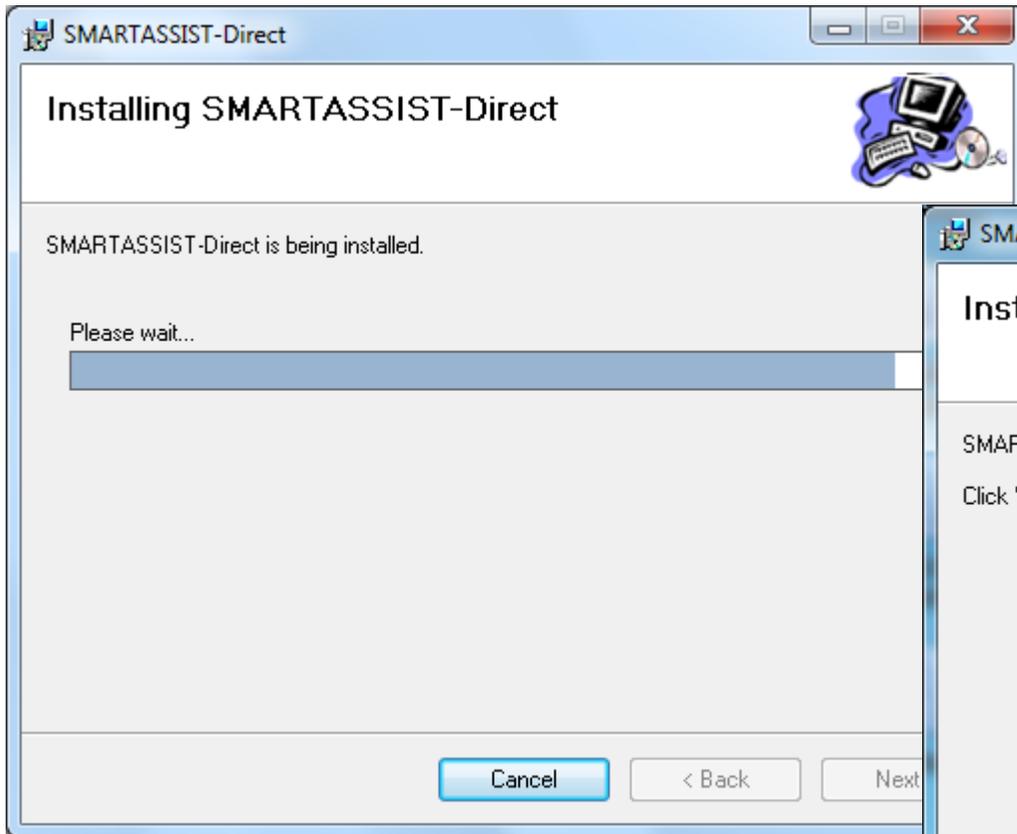
The installer is ready to install SMARTASSIST-Direct on your computer.  
Click "Next" to start the installation.

Cancel < Back Next >

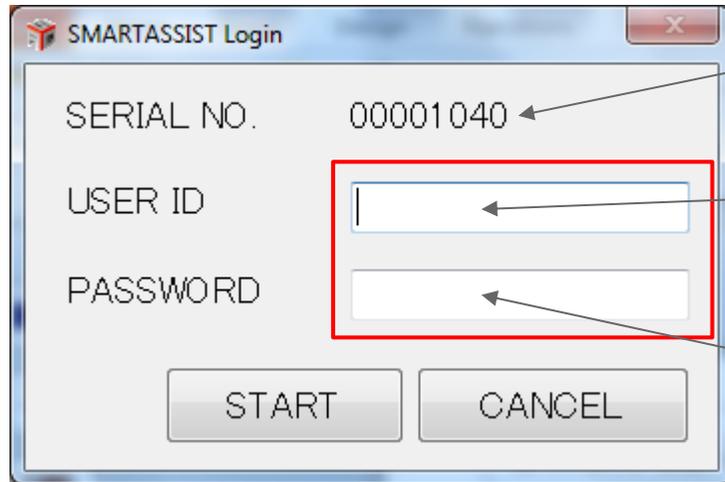
Received seperately by e-mail from Doosan: “license key” serial number



# “SMARTASSIST-Direct” Installation



# “SMARTASSIST-Direct” Installation



The image shows a 'SMARTASSIST Login' dialog box. It contains the following fields and buttons:

- SERIAL NO. 00001040
- USER ID: A text input field with a red border.
- PASSWORD: A text input field with a red border.
- START button
- CANCEL button

Suffix from your license key will be shown

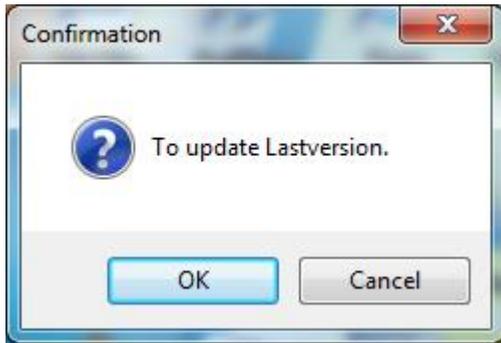
Received seperately by e-mail from Doosan

Received seperately by e-mail from Yanmar Japan

**Note:** Please be patient, as the installation process will be running in the background and it might take several minutes before appearing.

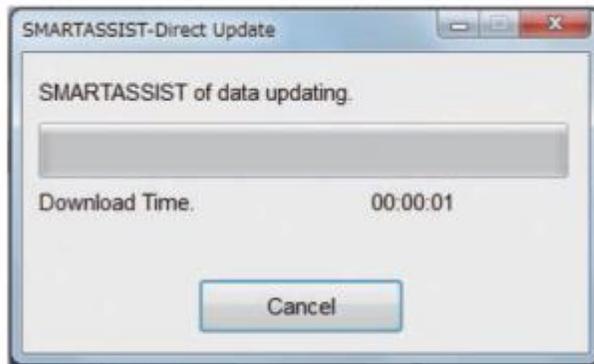
See also [“SMARTASSIST-Direct-Installation\\_Manual-E.pdf”](#)

# “SMARTASSIST-Direct” Installation



It is possible that an “update” will be requested, before you finally enter into the program. **Please be patient, as the updating process is running in the background and might take up to 15 to 30min.** Note: You might see a Microsoft DOS window appearing on screen.

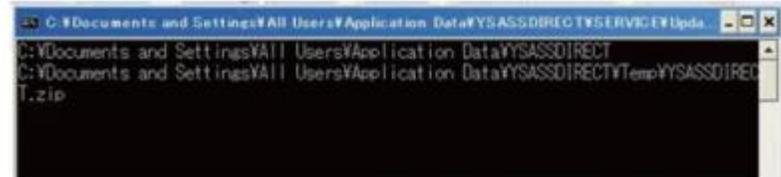
15 At the same time, data that is necessary for error diagnosis is updated.



**Remark** This data is updated at every login.  
Even when the operation is canceled, the data can be updated at the next

See also [“SMARTASSIST-Direct-Installation\\_Manual-E.pdf”](#)

16 Depending on the time of installation, the software may automatically update to a newer version.  
In that case, the login screen displays again after the update is completed.



Example screen for automatic version update

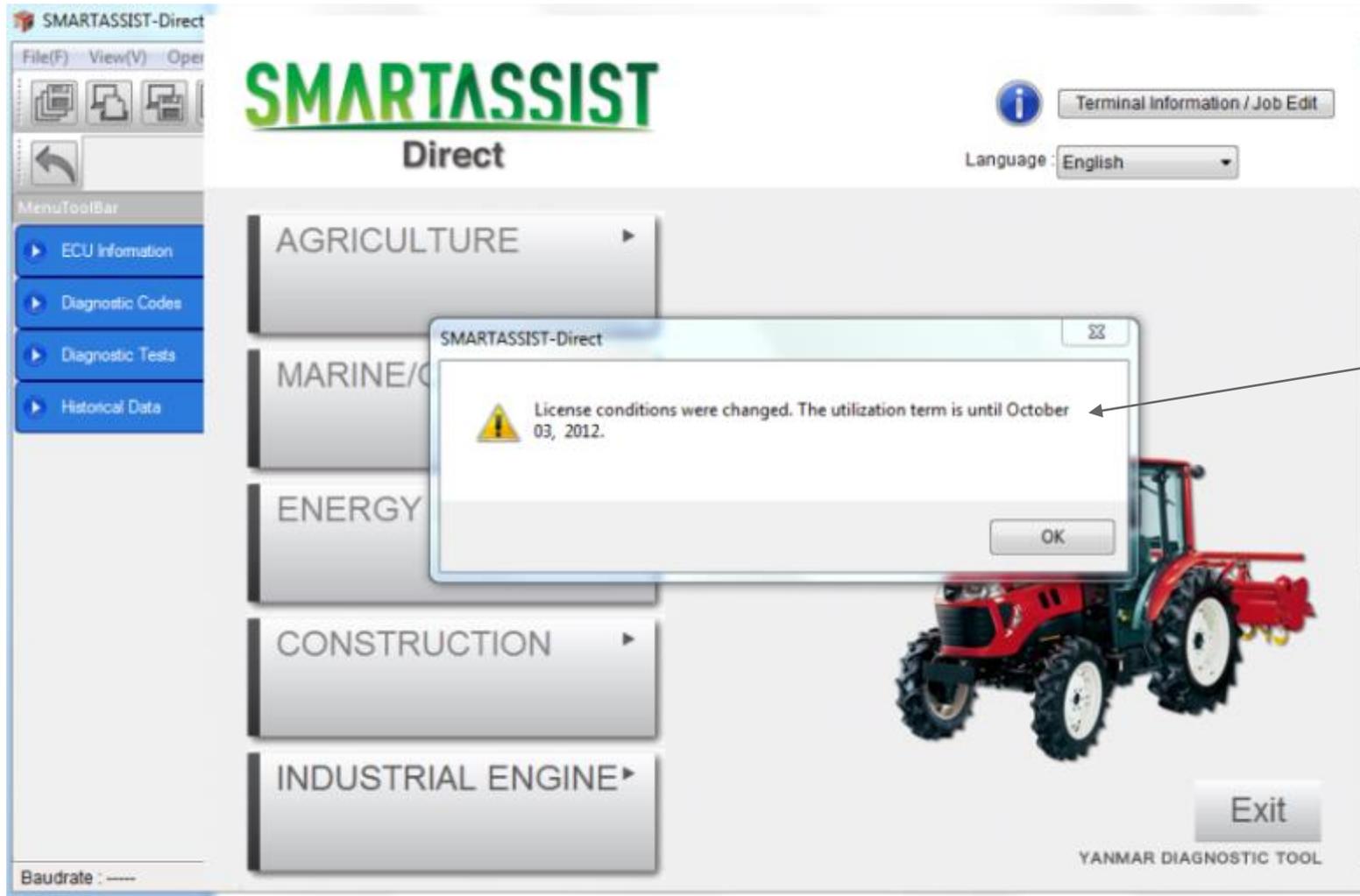


**Remark** If a newer version of the software is released after downloading the installer and before actually installing the software, the software is automatically updated to the newest version during installation.



**Do NOT click once again on the SA-D shortcut. (patience)**

# “SMARTASSIST-Direct” Operation



90 days  
time  
window

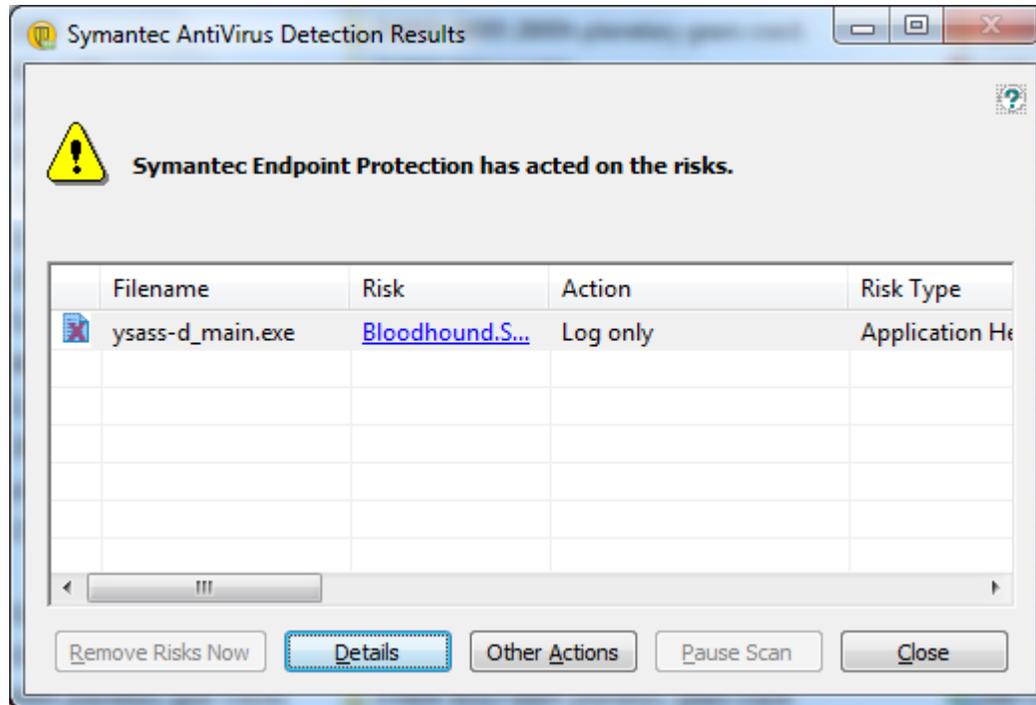
See also [“SMARTASSIST-Direct-Operation\\_Manual-E.pdf”](#)

**THANK YOU**



# “SMARTASSIST-Direct” Installation

In case you have a “Symantec Endpoint Protection” virusscanner, the following issue below might occur:



Solution: You will need to quarantine (not to be threated) the file called “ysass-d\_main.exe” in folder “C:\ProgramData\YSASSDIRECT”

# “SMARTASSIST-Direct” Installation

The screenshot shows the Symantec AntiVirus Detection Results window. A yellow warning icon is displayed above the text: "Symantec Endpoint Protection has acted on the risks." Below this is a table with the following data:

Filename	Risk	Action	Risk Type
yserviceclient.exe	Bloodhound.S...	Log only	Application He

At the bottom of the window, there are buttons for "Remove Risks Now", "Details", "Other Actions", "Quarantine", and "Close". A context menu is open over the "Other Actions" button, showing the following options:

- Exclude
- Restore...
- Move To Quarantine...
- Terminate...

Below the main window, there is a "Corrective Actions:" section with a table:

Type	Description	Resolution Status
Browser Ca...	Internet browser temporary file	ful

At the bottom of the main window, there are buttons for "< Previous", "Next >", and "Close".

# “SMARTASSIST-Direct” Installation

**Status - Symantec Endpoint Protection**

**Status** Help

**Your computer is protected.**  
No problems detected.

The following Symantec Security components are installed on your computer:

- Virus and Spyware Protection**  
Protects against viruses, malware, and spyware  
Definitions: 28 August 2012 r34
- Proactive Threat Protection**  
Provides zero-day protection against  
Definitions: 23 August 2012 r1
- Network Threat Protection**  
Protects against Web and network t  
Definitions: 28 August 2012 r1

Navigation: Status, Scan for Threats, Change Settings, View Quarantine, View Logs, LiveUpdate...

**Symantec**

Windows taskbar showing the Symantec icon highlighted in a red box. A tooltip is visible over the taskbar icons, and an arrow points from the tooltip to the Symantec icon.

**View Quarantine - Symantec Endpoint Protection** Help

Files and registry entries that are quarantined, backed up, or repaired are listed below.

Risk	Filename	Type	Original Location	Status
Bloodhound Snar 9	ysass-d_mai...	Restored	c:\programdata\ysas...	Convicted

Navigation: Status, Scan for Threats, Change Settings, View Quarantine, View Logs, LiveUpdate...

**Symantec**

# “SMARTASSIST-Direct” Installation

The screenshot shows the 'View Quarantine' window in Symantec Endpoint Protection. The window title is 'View Quarantine - Symantec Endpoint Protection'. The main heading is 'View Quarantine' with a 'Help' button. Below the heading, it says 'Files and registry entries that are quarantined, backed up, or repaired are listed below.' There is a table with the following data:

Risk	Filename	Type	Original Location	Status
Bloodhound.Sonar.9	ysass-d_main.exe	Restored	c:\programdata\ysas...	Convicted
WS.Reputation.1	YSASSD_Setup.exe	Restored	C:\Users\DVERCAM...	Infected

Below the table, there is a red-bordered text box containing the instruction: 'In case you have the file “YSASSD\_Setup.exe” already quarantined, than please delete this entry here.' At the bottom of the window, there are buttons for 'Restore', 'Delete', 'Rescan All', 'Export', 'Add...', 'Submit...', and 'Purge Options'. The Symantec logo is visible in the bottom left corner of the window.