

**ENGINEERING**

# Installation Instructions for Release 5.0

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## 1 Introduction

This document describes the steps required to successfully install the design engineer diagnostic tester, OFFBOARD DIAGNOSTIC INFORMATION SYSTEM Engineering, in the following referred to as Engineering Diagnostic Tester. The installation process consists of the following four main steps:

1. Configuring the computer/tester,
2. Installing the application,
3. Installing the runtime data and
4. Configuring the application.

The individual steps are described in the following sections.

## 2 Configuring the computer/tester

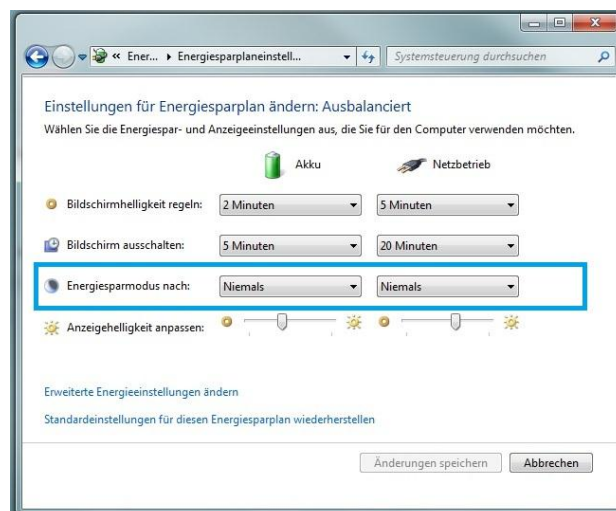
The vehicle's diagnostic connection for the Engineering Tester is not reliably standby-capable.

**! It is therefore recommended to adjust the computer's power options in such a way that neither standby mode nor idle mode are enabled.**

Switching manually to the computer's operating modes mentioned should also be avoided when using the Engineering Tester.

The settings for the power options are available at Start → System control → All system control elements → Power options.

Figure 1 shows the settings required for standby. It is also advisable to change the settings in the power options to "Do nothing" when closing the tester.



**Figure 1: Settings for the power options**

## 3 Installing the application

### 3.1 Establishing the preconditions

1. To install the application, you require administrator rights on your PC.
2. If you do not have a valid licence, please start the procurement transaction via the product website [www.dne-elektronik.de](http://www.dne-elektronik.de).  
Installation is possible with an initiated licence. However, to start and use the application, you require a valid licence.
3. Download the OFFBOARD DIAGNOSTIC INFORMATION SYSTEM Engineering installation package from the product website [www.dne-elektronik.de](http://www.dne-elektronik.de):  
**OffboardDiagSetup\_Engineering\_5\_0\_12.zip**

Internal Volkswagen link via DoRIS:

<https://iproject.vw.vwg/iproject/vw/P0ABA714E5B53190B4E13A27BB53190B.html>

### 3.2 Uninstalling existing installations

If there is an older version of Engineering Diagnostic Tester on your PC, this old version will need to be completely uninstalled first. To do this, use the corresponding link in the start menu and restart the computer.

### 3.3 Running the installation routine

Start setup by right-clicking on the downloaded installation package: "Run as administrator", (!) **even if you are already logged on as the administrator**, and follow the instructions of the installation wizard. You can specify any path as desired when selecting the target directory for installing the application and the diagnostic components. You do not have to use the proposed default path. However, it is practical for the event that you require any support.

In the dialogue for selecting the certificate, enter the path for the licence file (e.g. "license.dat").

Note:

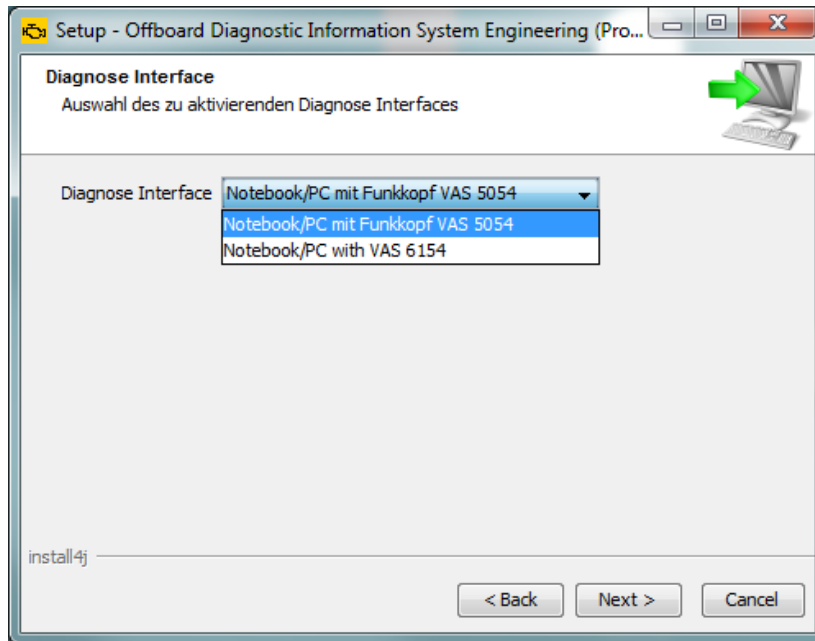
*Do not remove the check mark from "Copy to installation directory". The application will then copy the licence file to the installation directory and manage it there.*

During the installation process, you will be requested to select the target platform (computer hardware) for the installation. For this, the items

- "\*" with VAS 5054 radio head"
- "\*" with VAS 5055"
- "passthru"

are provided (cf. Figure 2).

Please select radio head VAS 5054 for normal CAN diagnosis.



**Figure 2: Selecting the target platform**

There is a setup wizard for installing the D-PDU API, which is activated automatically by the setup routine of the Engineering Diagnostic Tester.

## 4 Installing the runtime data

As the final step, the installation of current vehicle projects in runtime format is required for the Engineering Diagnostic Tester.

They are provided separately by the individual Volkswagen brands.

## 5 Starting the application

After installing the application as described and restarting the tester, OFFBOARD DIAGNOSTIC INFORMATION SYSTEM Engineering can be started using the corresponding item in the Windows start menu.

To configure Volkswagen Diagnostic VCIs VAS505x under Windows 7, please observe the instructions in chapter 6.1.

Configuring the mail client for support purposes has also changed with Release 4.1.x. Please observe the corresponding notes in chapter 6.2.

## 6 Configuration

### 6.1 Bluetooth configuration with the "Softing EDIC Configuration Manager" application

*Note:*

*Manual Bluetooth pairing should not be established beforehand!*

1. Start "Softing EDIC Configuration Manager" at Start → All programs → Softing D-PDU API... No Action button is enabled in the application window.
2. Connect via USB and press the "Refresh" button. (Figure 3)



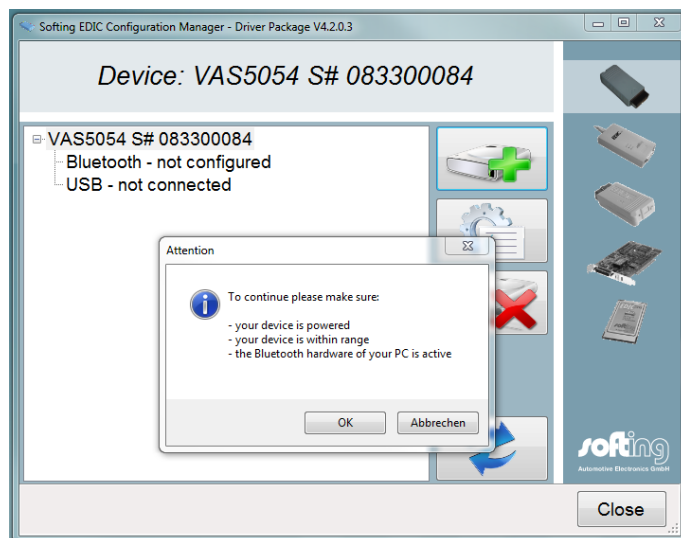
**Figure 3: Active USB connection**

3. Disconnect USB again and press the "Refresh" button again. Then press the "Add New Device" button. (Figure 4)



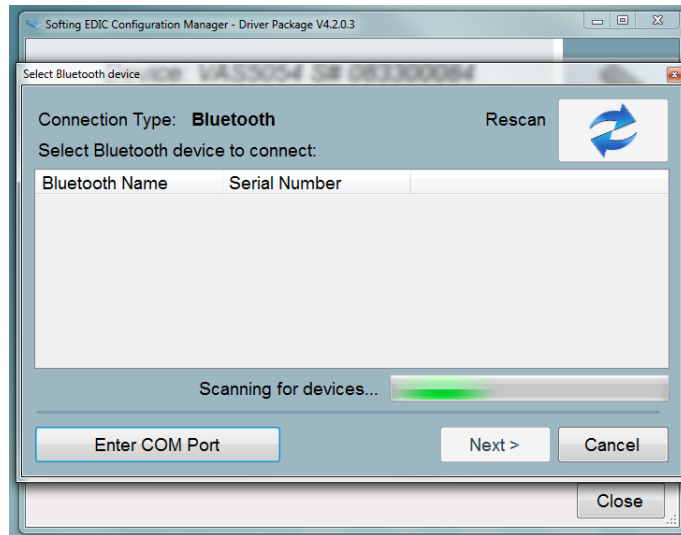
**Figure 4: Disconnected USB link**

4. Observe the message and click on "OK". (Figure 5)



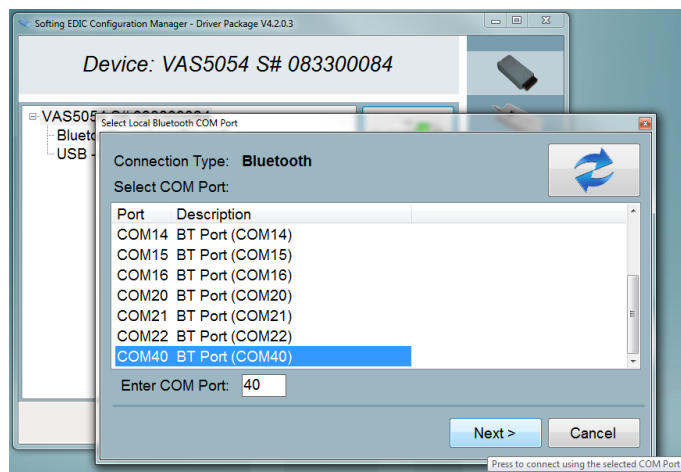
**Figure 5: Connect Bluetooth message**

- The Bluetooth device is detected by a scan. Select Bluetooth Device and click on "Next". That configures the device and assigns a port to it. (Figure 6)  
(If pairing was successful, please continue with step 7, if not continue with step 6.)





**Figure 6: Device search and automatic pairing**

- If the device is not automatically detected, manual pairing is required first in the installed Bluetooth stack. The configured port can then be entered or selected manually using the "Enter COM Port" button. Then press "Next". (Figure 7)



**Figure 7: Manual port assignment**



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7. The device with the configured port is detected. The "Configuration details" button can be used for checking. The "Softing EDIC Configuration Manager" can be closed.

## 6.2 Configuring the mail client

To be able to send support mails from the Engineering Tester, you need to enter the support address. For this, open the Admin settings of the Engineering Tester and enter the e-mail address [odis-engineering@volkswagen.de](mailto:odis-engineering@volkswagen.de) on the Support tab.

A firewall for sending e-mails from the Engineering Diagnostic Tester may need to be configured by your IT service specialist. It is normally sufficient to grant the "OffboardDiagLauncher.exe" application access to the port.

### Attention!

The support function has been adjusted to using the standard mail client installed on the computer. If this is Microsoft Outlook, the problem will occur that Outlook interprets the mail address as a contact. However, since e.g. the contact [odis-engineering@volkswagen.de](mailto:odis-engineering@volkswagen.de) does not exist, sending the e-mail will not work.

This problem can currently only be avoided by re-entering the recipient address manually in the Outlook mail window.

## 6.3 Help

If you have any more questions during installation or configuration, please contact the configured support specialist after reading these instructions.