



ESI[tronic][™] 2.0 and Shop Foreman Pro Software Installation Guide



BOSCH

Invented for life



Note:

Please ensure you follow the most recent version of the manual. Download the **ESI[tronic]™ 2.0** and Shop Foreman Pro Software Installation Guide at **www.boschdiagnostics.com** | Support | Diagnostics Manuals | **ESI[tronic] 2.0 for M-VCi** | [*Select the “M-VCi ESI 2.0 SFP Installation guide”*]



Note:

Minimum recommended system requirements for ESI 2.0 and SFP to run :

Preferred Operating Systems:

- ▶ Windows 7 [Minimum: Windows XP, Windows Vista]

Recommended System Requirements:

- ▶ Processor: Intel Core2Duo
[Minimum: Intel Pentium 4, 2 GHz]
- ▶ RAM: 1024 MB [Minimum: 512 MB]
- ▶ Hard drive space: 80 GB [Minimum: 40 GB]
- ▶ DVD drive: 12 speed
- ▶ Interfaces: 2 x USB
- ▶ Screen resolution: 1024 x 768, 256 colors

Table of Contents

1	Introduction
1	Preparing for Software Installation
2	Module 1: Installing ESI[tronic] 2.0, Shop Foreman Pro and M-VCI Software
10	Module 2: ESI[tronic] 2.0 Software Licensing
14	Module 3: Licensing Shop Foreman Pro Diagnostic Applications
16	Module 4: Update M-VCI Firmware
18	M-VCI Firmware “Recover” Process
21	Module 5: Installing the Wireless Mini USB Adapter
22	Configuring Ad Hoc Wireless Capability in Windows 7/Vista
23	Additional Tips for Wireless Operation Using Windows 7/Vista

Introduction

This document describes the process for installing and configuring the **ESI[tronic]**™ 2.0, Shop Foreman Pro and M-VCI software components.

Preparing for Software Installation

Before you begin the process of installation of the **ESI[tronic]** 2.0/Shop Foreman Pro/M-VCI firmware, please refer to page 1 of the “VCI 2 Quick Start guide” that is included in your kit for details on the tasks to complete before you start the installation process.

**Note:**

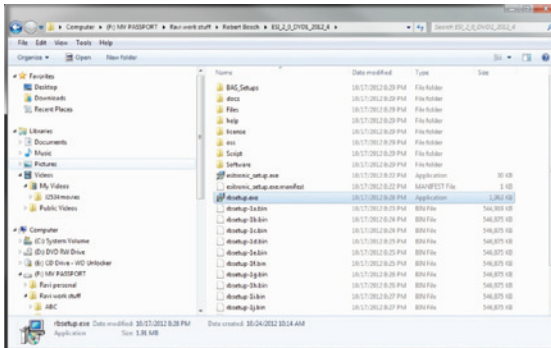
If you are an existing ESI 2.0 user that is trying to reinstall ESI 2.0 software and select the “Adopt Prior Settings” option, not all installation screens described below will appear.

Module 1: Installing ESI[tronic] 2.0, Shop Foreman Pro and M-VCI Software

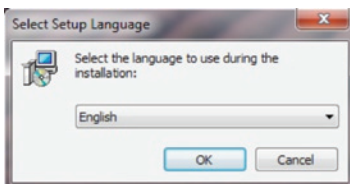
Use the following procedure to install the **ESI[tronic] 2.0**, Shop Foreman Pro and M-VCI software to your PC.

1. Insert the **ESItronic 2.0** DVD into the DVD drive on your PC. The Setup Wizard will start automatically.

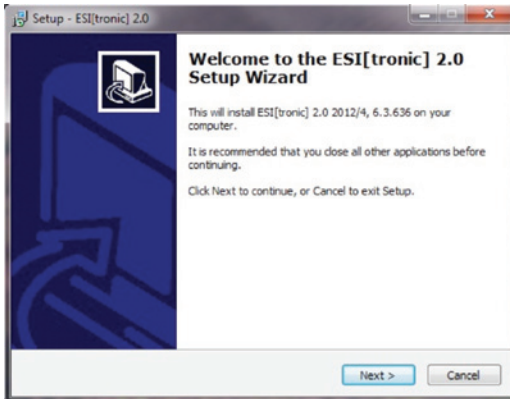
Note: *In the event the installer does not start automatically, navigate to the top-level folder of the DVD and double-click rbsetup.exe.*



2. Select the language to use during the installation (English for North America).



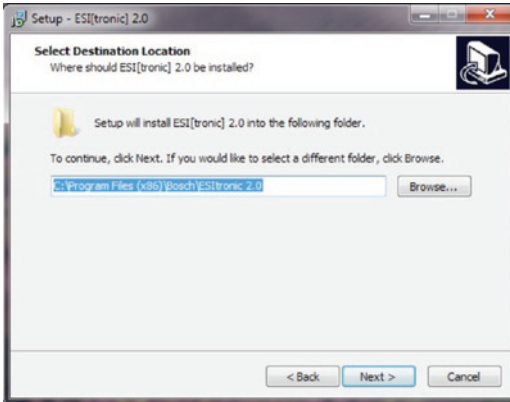
3. The **ESI[tronic] 2.0 Setup Wizard** displays the Welcome screen. Click Next.



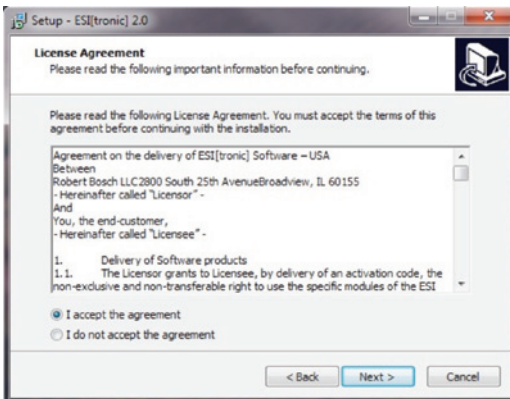
4. Select the Country for correct **ESI[tronic] 2.0** configuration (e.g., USA). Click Next.



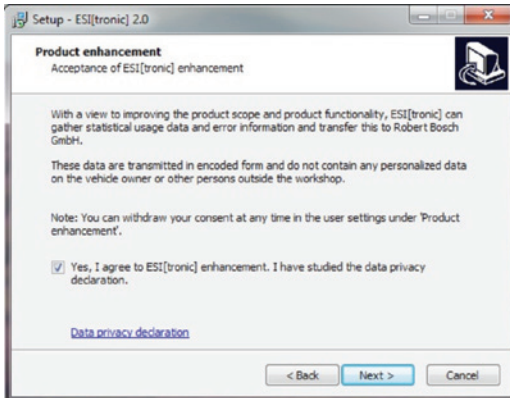
5. Accept the License Agreement and Click Next.



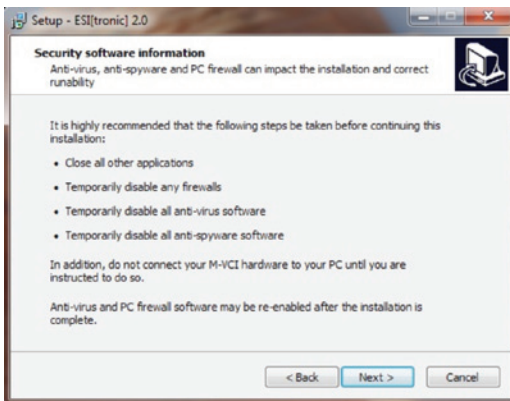
6. Select the destination location for the **ESI[tronic] 2.0** software installation. Use the Browse button to choose an alternate location or click Next to use the default location.



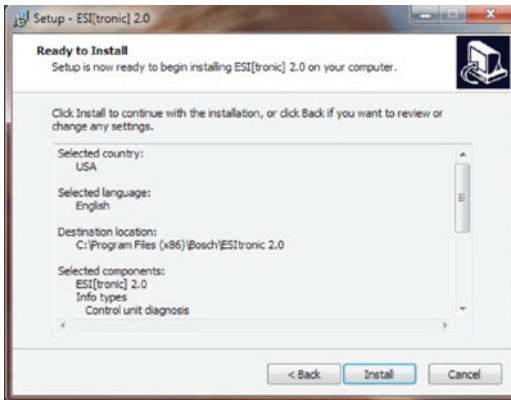
7. Accept the product enhancement declaration.



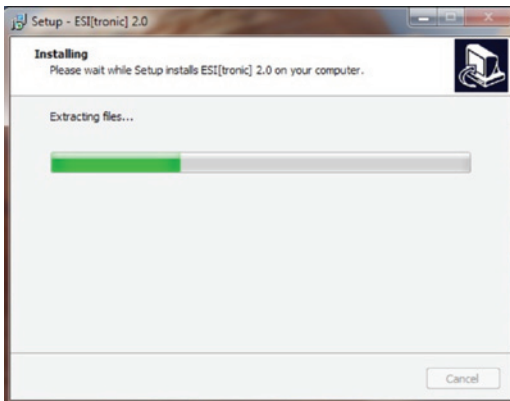
8. Follow steps displayed in the warning message and click Next.



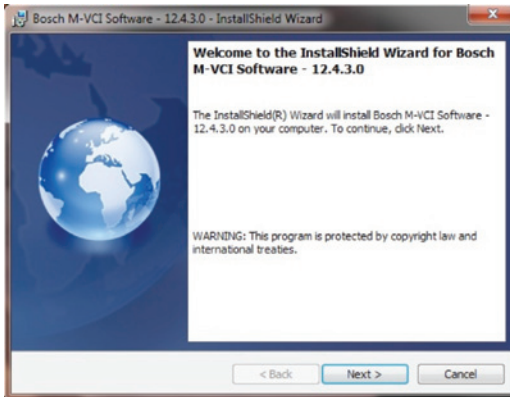
- The Setup Wizard displays a summary view of the setup configuration. Click Install to proceed with the installation or use the Back button to change your settings.



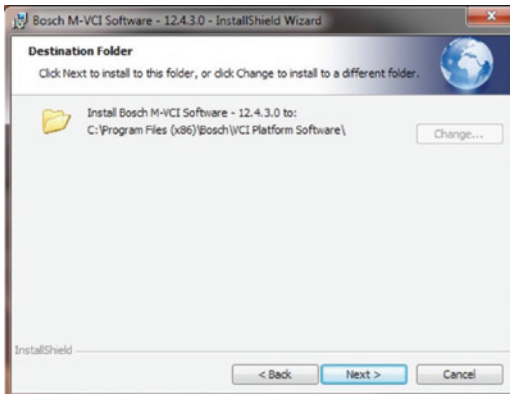
- The Setup Wizard proceeds with the installation and displays a bar showing the progress of the installation process. This may take several minutes.



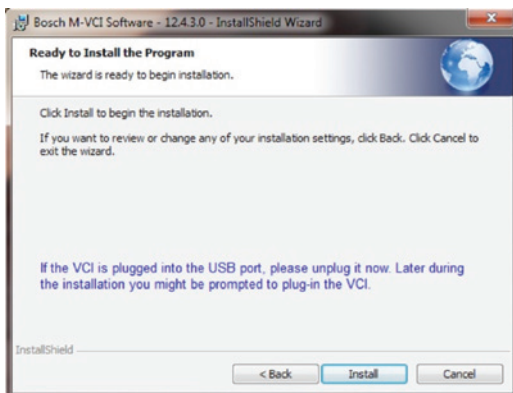
11. The M-VCI Software installer then launches the Bosch VCI Platform Software installer. Click Next to proceed with installing the VCI Platform Software.



12. Click Next to accept the default destination location for the VCI Platform Software installation.

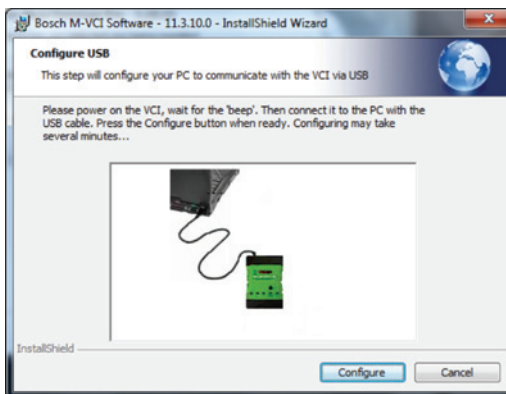


- Click Install to proceed with VCI Platform Software installation.
Be sure your M-VCI device is not plugged in to your PC.

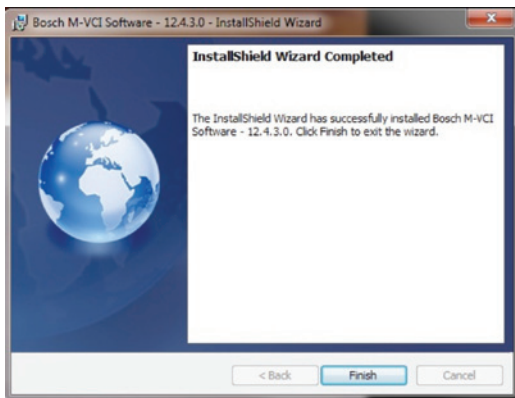


- If this is the first time you are installing the Bosch M-VCI Platform software, you are presented with the following dialog for configuring the USB interface on the M-VCI. We recommend that you wait for the Windows operating system to display the message indicating that your new hardware is ready to install before completing the Configure USB step.

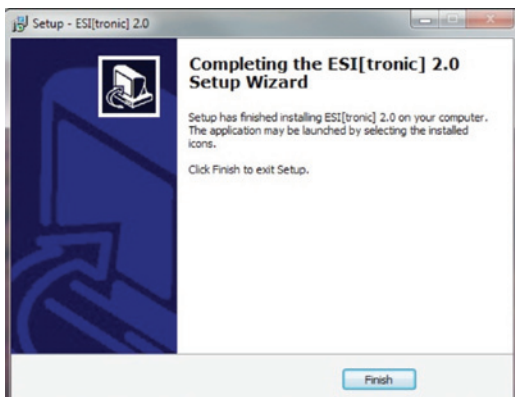
Connect the M-VCI to your PC using the USB cable.
Click Configure.



15. Once the VCI Platform installer completes, click Finish.



16. Finally, click Finish on the **ESI[tronic]** 2.0 Setup Wizard. Your **ESI[tronic]** 2.0 software is now installed.



Module 2: ESI[tronic] 2.0 Software Licensing

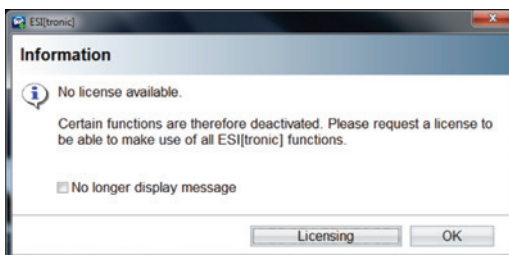
Once you have successfully installed the **ESI[tronic] 2.0** software you will need to license the software before you can run diagnostic applications. The following procedure outlines the steps required for licensing your **ESI[tronic] 2.0** software.

Note that you must be connected to the internet in order to successfully license your **ESI[tronic] 2.0** software online. In addition, a valid Customer Number and Password are required in order to properly license the **ESI[tronic] 2.0** software. Please contact your Customer Service representative if you do not have a valid Customer Number and Password.

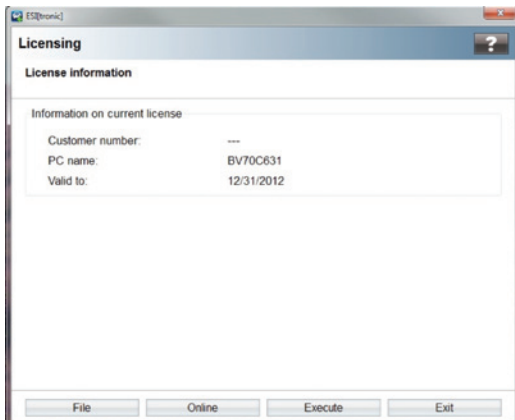
One **ESI[tronic] 2.0** license contract will enable licensing one computer with **ESI[tronic] 2.0** software. Additional licenses will need to be purchased for licensing additional computers for **ESI[tronic] 2.0** software.

To purchase additional licenses, please get in touch with the Bosch Diagnostics Inside Sales team at 1(800)321-4889. Press “4” for “Bosch Diagnostics” and then press “4” for “Inside Sales”.

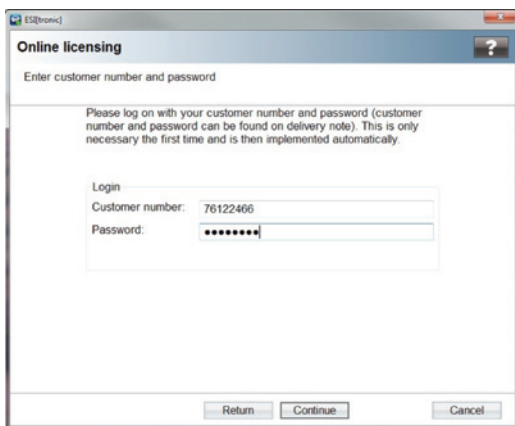
1. Launch **ESI[tronic] 2.0** from desktop shortcut. You will be presented with a dialog indicating that **ESI[tronic] 2.0** is not yet licensed.



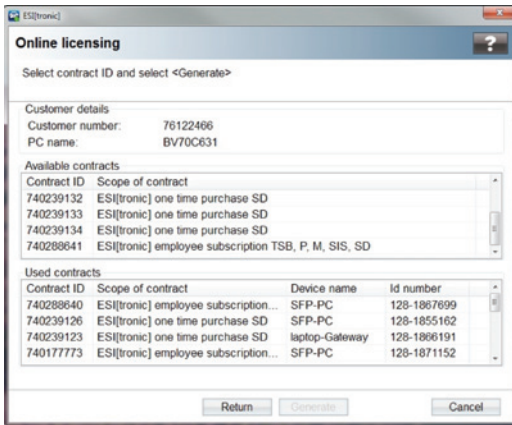
2. Click Licensing. The following dialog displays.



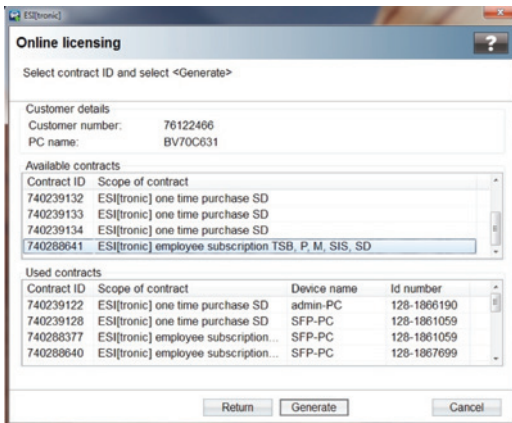
3. Click Online. The following dialog displays.



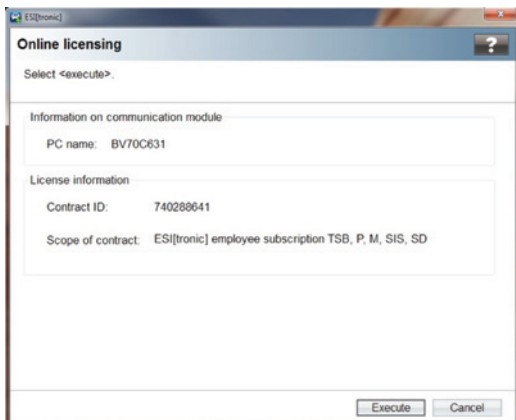
- Enter your customer number and password and click Continue. You are presented with a dialog similar to the following.



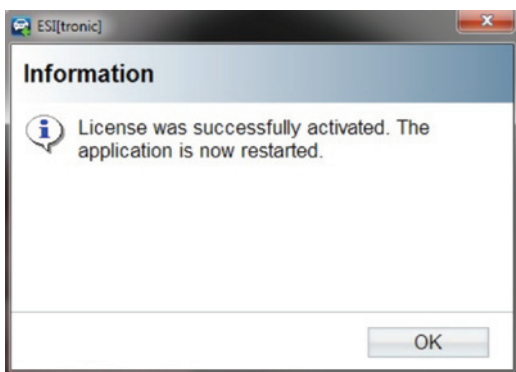
- Select an available license contract that is appropriate for your use, then click Generate to obtain a license key. If the contract that was created for you is not available, please contact Bosch tech support at **1-855-BoschTech (267-2483)**



6. Click Execute to activate the license on your PC.



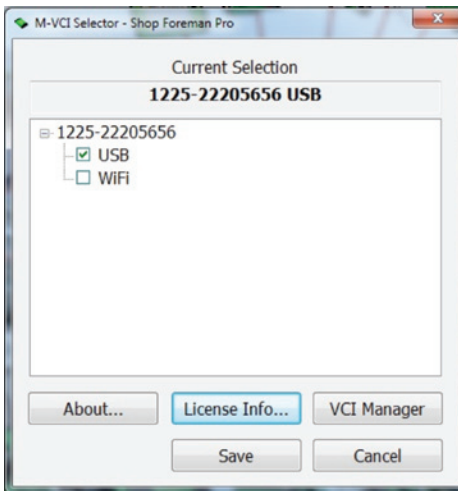
7. If the license activation is successful the following dialog displays. Click OK. The **ESI[tronic]** application will restart automatically.



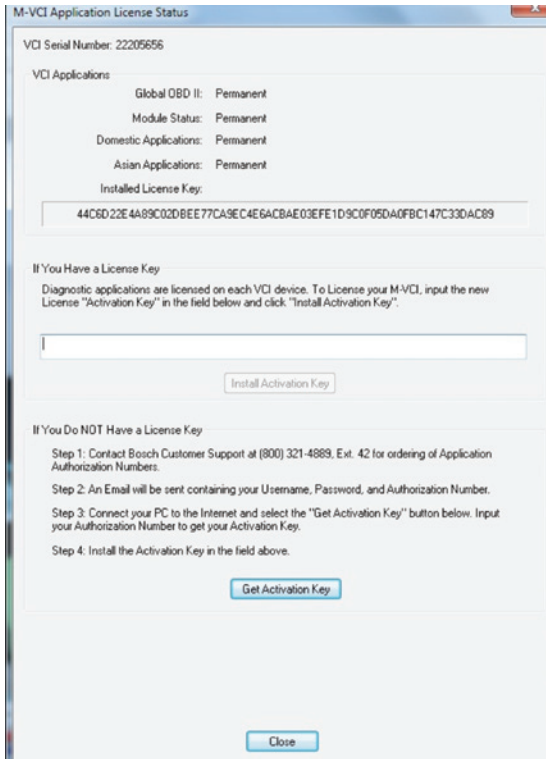
Module 3: Licensing Shop Foreman Pro Diagnostic Applications

Included in your ESI 2.0 M-VCI kit is a License Activation Key for the Shop Foreman Pro diagnostic applications. Use the following procedure to install the License Activation Key on your M-VCI.

1. Power up your M-VCI and connect it to your PC using the USB interface. Launch the Shop Foreman Pro application.
2. Open the Setup menu and choose Mastertech VCI. The M-VCI Selector dialog displays.



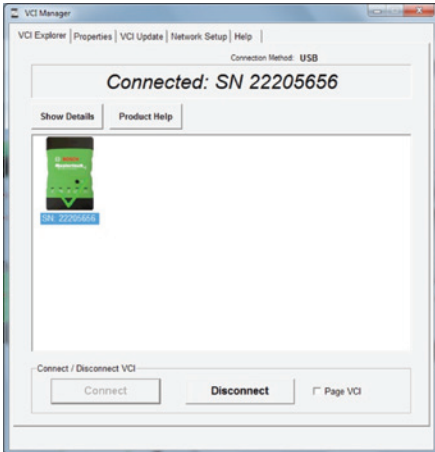
- Click License Info. The License Status dialog displays.



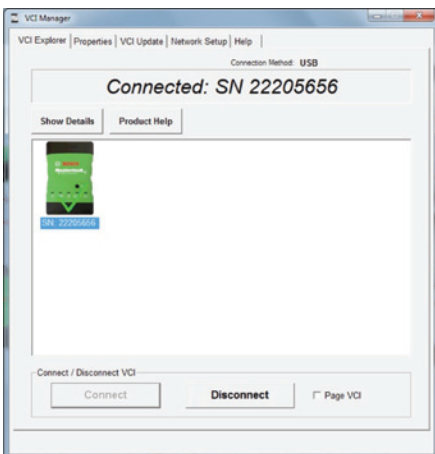
- Locate the License Activation Key on the printed Shop Foreman Pro license certificate. Enter the License Activation Key in the available field on the License Status dialog and click Install Activation Key.
- The License Activation Key is installed to your M-VCI and the "Successful License Installation" message displays. Click Close on the License Status Dialog. Click OK on the M-VCI Selector "License Updated!" dialog, then click Save on the M-VCI Selector dialog.

Module 4: Update M-VCI Firmware

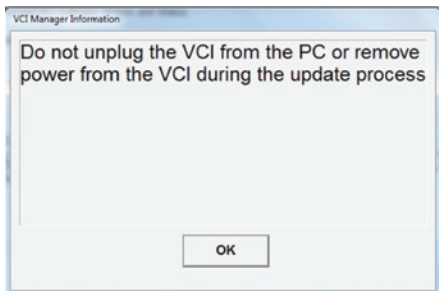
1. While still having the M-VCI connected to the PC over USB, open the VCI Manager from desktop or from Start->All Programs ->Bosch **ESI**[tronic] 2.0.
2. Select the M-VCI icon and click the “Connect” button at the bottom.



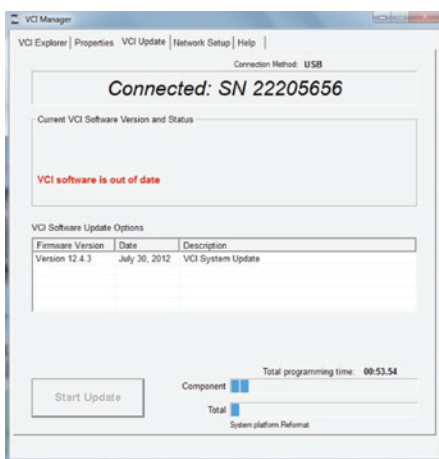
3. Select the VCI Update tab. While there, press the start update button at the bottom to start the update of the M-VCI software to the M-VCI tool.



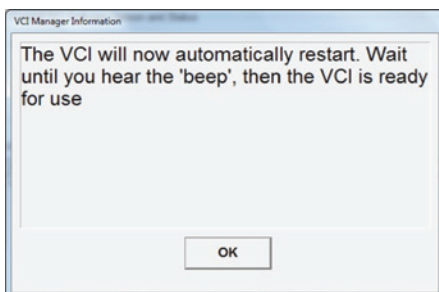
The following dialog will pop up. Click OK



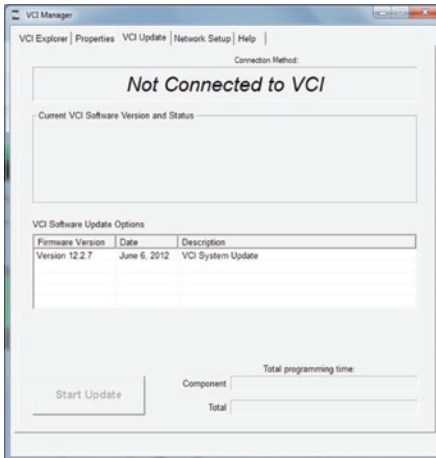
4. The M-VCI firmware update will take place. It will take about 10 minutes to complete.



5. Once the firmware update is completed, the M-VCI will automatically restart. Follow the instructions below and click OK.



6. Re-open the VCI manager, go to the VCI update tab and verify that the firmware version has now updated to the latest one.

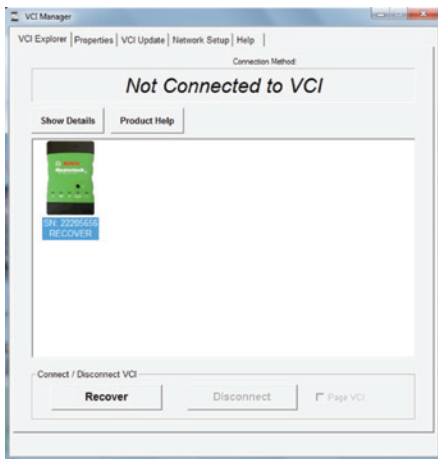


M-VCI Firmware “Recover” Process

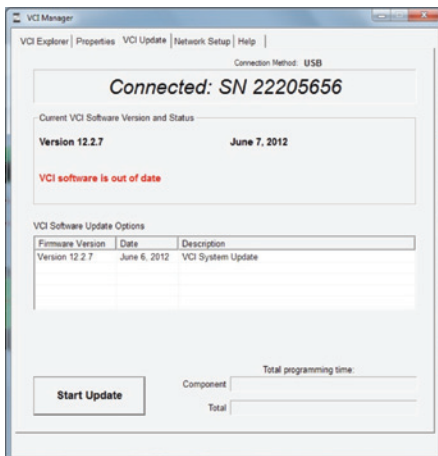
In certain scenarios, the M-VCI may stop talking to the PC over USB. The firmware maybe corrupted in those scenarios and would need to be recovered. The firmware recovery process is very similar to the regular firmware loading process except the following additional steps:

1. Put the M-VCI in “Recover” mode by following these steps:
 - ▶ Remove the USB cable and power cable from the M-VCI.
 - ▶ Hold down the power button on the M-VCI and insert the power cable. Continue holding down the power button until all LEDs flash once. Release the power button.
 - ▶ Wait for the M-VCI to beep.
 - ▶ Now plug in the USB connection to the M-VCI.

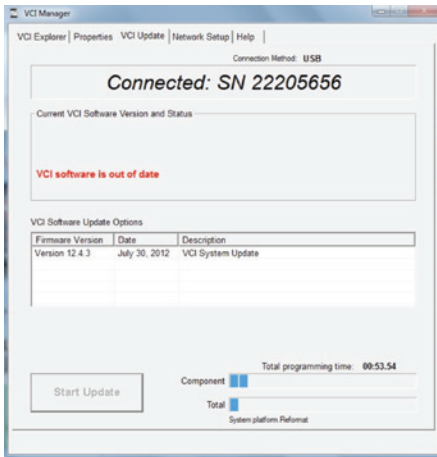
- The following is displayed on the M-VCI manager. Select the M-VCI icon and press the recover button.



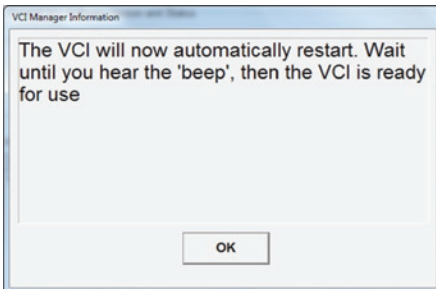
- The VCI update tab is automatically shown. Press the start update button.



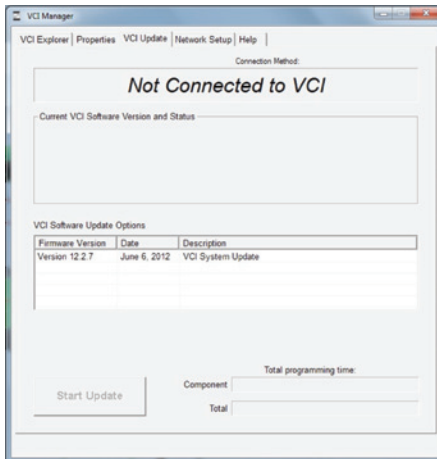
- The M-VCI firmware update will take place. It will take about 10 minutes to complete.



- Once the firmware update is completed, the M-VCI will automatically restart. Follow the instructions below and click OK.



6. Re-open the VCI manager, go to the VCI update tab and verify that the firmware version has now updated to the latest one.



Module 5: Installing the Wireless Mini USB Adapter

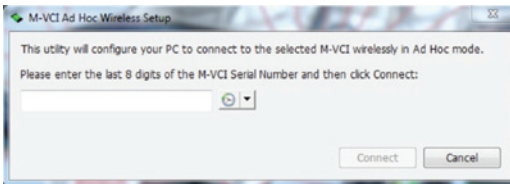
Your ESI 2.0 M-VCI kit includes a wireless mini USB adapter. The accompanying driver software is already installed as part of the ESI 2.0 installation. Use the following procedure to install the wireless mini USB adapter on your PC.

1. Insert the USB adapter into an available USB port on your PC.
2. Proceed to the next section for configuration steps.

Configuring Ad Hoc Wireless Capability in Windows 7/Vista

The **ESI[tronic]** 2.0 installation includes a software utility to aid you in setting up automatic Ad Hoc wireless connection between the M-VCI and your PC. Use the following steps to configure automatic Ad Hoc wireless connectivity in Windows 7.

1. Verify that the wireless mini USB adapter is plugged into your Windows 7 PC and that the required driver software is installed. See the section Installing the Wireless Mini USB Adapter.



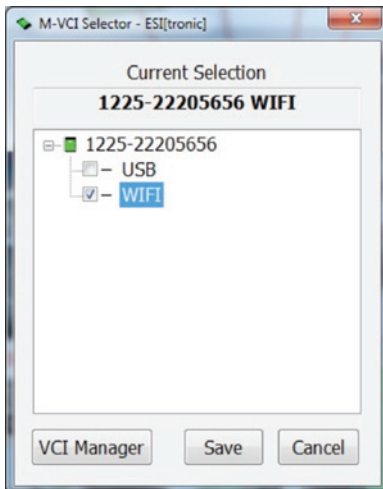
2. Open the Windows Start menu and select All Programs->Robert Bosch->M-VCI Ad Hoc Wireless Setup. You are presented with the following dialog.
3. Locate the serial number on the back of the M-VCI and enter the last 8 digits in the available field on the dialog. Click Connect. The M-VCI Ad Hoc Wireless Setup utility creates a wireless network profile and automatically connects to the M-VCI.
4. Once configured, your PC will automatically attempt to connect wirelessly to the M-VCI each time you restart your PC.



Note:

See the M-VCI Wireless Configuration Guide available on the Bosch Diagnostics website <http://www.boschdiagnostics.com> for additional information on configuring your M-VCI and PC for wireless operation.

5. Open up M-VCI selector application from Start->All Programs
->Bosch **ESI**[tronic] 2.0.
6. Choose WiFi and then press “Save”.



Additional Tips for Wireless Operation Using Windows 7/Vista

Here are some suggested steps to ensure that your M-VCI is configured properly and ready for diagnostics:

- ▶ Make sure the Wireless USB adapter is inserted securely into an available USB port on your PC.
- ▶ Install the Driver and Utility Software as described previously. Note: If you own a netbook PC that does not have a CD drive, you can use a portable USB CD/DVD drive or copy the contents of the installation CD to a USB memory stick for the purposes of installing the driver.
- ▶ Verify that your M-VCI is configured for Ad Hoc Wireless connection.
- ▶ Power up your M-VCI and connect it to your PC using the USB cable.

- ▶ Open VCI Manager, select your M-VCI on the VCI Explorer tab, and click the Connect button.
- ▶ Navigate to the Network Setup tab, then click the Wireless (802.11) tab. Verify that the Enable Wireless Interface option is checked as well as the Direct Connect (ad-hoc network) option.
- ▶ To enable automatic wireless connection to your M-VCI, be sure to run the M-VCI Ad Hoc Wireless Setup Utility described in the previous section. Note that the method by which you access the M-VCI Ad Hoc Wireless Setup Utility may differ depending on your particular PC configuration.
- ▶ If you have Shop Foreman Pro software is installed, use Start ->All Programs->Robert Bosch ->M-VCI Ad Hoc Wireless Setup.
- ▶ If you have **ESI**[tronic] 2.0 installed, go to Start->All Programs ->Bosch **ESI**[tronic] 2.0->M-VCI Ad Hoc Wireless Setup.
- ▶ To verify that your M-VCI wireless profile is setup properly for automatic connection, power up your M-VCI and click the wireless icon on the system tray on the bottom right of the PC and verify that the serial # of the M-VCI is displayed and the status is shown as “Connected”. Navigate to the Properties tab to verify your settings.
- ▶ Be sure to use the M-VCI Selector to define WiFi as the connection method. Note that the method by which you access the M-VCI Selector may differ depending on your particular PC configuration and installed diagnostic applications.
- ▶ If you intend to use one of the diagnostic applications in Shop Foreman Pro, access the M-VCI Selector from within Shop Foreman Pro by opening the Setup menu and selecting Mastertech VCI.
- ▶ If you intend to use **ESI**[tronic] 2.0 for diagnostics, access the M-VCI Selector from within **ESI**[tronic] 2.0 by opening the Main Menu, clicking the Hardware Settings button, then clicking the Open M-VCI Selector button on the Hardware Settings dialog.

Robert Bosch LLC

Automotive Aftermarket Division
Diagnostics Business Unit
2030 Alameda Padre Serra, Ste 300
Santa Barbara, CA 93103
Phone 800-321-4889

© 2012 Robert Bosch LLC, USA. All rights reserved.
BOSCH is a trademark licensed by Robert Bosch GmbH
and/or its affiliated entities.