Introduction to the Autologic Vehicle Diagnostic Tool

User Instructions

Version 4.0
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1. Introduction

1.1 Conventions used in this document

Throughout this document we use different styles of text called document conventions to show the different items that you see on the Autologic screen and when you use the Autologic Diagnostics’ website and Autologic software such as Autolink.

The subsections below give descriptions and examples of the conventions we use.

1.1.1 Conventions on Autologic screens

The titles at the top of Autologic screens are shown as they appear on the screens in capital letters. For example, when the screen below appears we say:

The SYSTEM INFORMATION screen appears.

![SYSTEM INFORMATION Screen](image)

When we ask you to select one of the main options (large buttons) on the Autologic screen, we put its name in capital letters and in square brackets. For example, if we want you to select the HARDWARE INFORMATION button on the SYSTEM INFORMATION screen (shown above) we say:

Press [HARDWARE INFORMATION].

When we want you to press one of the buttons that are not a main option (or a large button) on the Autologic screen, we show the name of the button in square brackets and we call it a button after the brackets. For example, if we want you to press the DELETE button on the SUPPORT TOOLS screen shown below we say:

Press the [DELETE] button on the SUPPORT TOOLS screen.

![SUPPORT TOOLS Screen](image)
1.1.2 Software update version conventions

When we describe the name and version of software downloads we use x characters (xxx) in place of the software version number because the version often changes. For example, for the latest update of the MAIN software we write “click on the MAINxxx link in the General page”. For a manufacturer-specific update we say “you need to download the PORSCHExxx software” (where the xxx replaces the actual number of the MAIN software update or the manufacturer-specific software update).

1.1.3 Conventions on the Autologic Diagnostics’ website pages

The names of the pages on the Autologic Diagnostics’ website are shown in bold text.

For example, we say the General page appears (see below)

When we ask you to select links and menu options to other pages and information on the Autologic Diagnostics website we underline the link or option.

For example, we say click the AUTOLINKSETUP link, or click the My Files option in the sample page above.
1.2 Safety notices

This document has notes and safety notices with symbols which are warnings, electrical warnings or cautions. The safety notices warn you, in advance, of any safety issues that you need to be aware of so that you take the appropriate precautions to avoid injuring yourself, damaging your equipment or losing data.

The definitions for the safety notices are shown in the table below.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Warning Symbol]</td>
<td><strong>WARNING!</strong> THIS IS A WARNING SYMBOL. WARNINGS MEAN THAT FAILURE TO FOLLOW SPECIFIC PRACTICES AND PROCEDURES MAY HAVE MAJOR CONSEQUENCES SUCH AS INJURY OR DEATH.</td>
</tr>
<tr>
<td>![Electrical Warning Symbol]</td>
<td><strong>ELECTRICAL WARNING!</strong> THIS IS AN ELECTRICAL WARNING SYMBOL. ELECTRICAL WARNINGS MEAN THAT FAILURE TO FOLLOW SPECIFIC PRACTICES OR PROCEDURES MAY RESULT IN ELECTROCUTION, ARC BURNS, EXPLOSIONS OR OTHER HAZARDS THAT MAY CAUSE INJURY OR DEATH.</td>
</tr>
<tr>
<td>![Caution Symbol]</td>
<td><strong>CAUTION!</strong> This is a Caution symbol. Cautions give information about procedures that, if not observed, could result in damage to equipment or corruption to and loss of data.</td>
</tr>
<tr>
<td>![Note Symbol]</td>
<td><strong>NOTE:</strong> This is a Note symbol. Notes give additional and important information, hints and tips that help you to use your product.</td>
</tr>
</tbody>
</table>
2. **Autologic Diagnostics’ website**

2.1 **Connecting to the Autologic Diagnostics’ website**

The Autologic Diagnostics’ website is a useful source of information for our customers. You can access it from [http://www.autologic.com](http://www.autologic.com)

Connect to the Internet and access the autologic.com website to display the Home/Products page.

2.2 **Registering your customer details**

If you are a new Autologic Diagnostics' customer, you need to follow these steps to register your customer details so that you can access your own area of the Autologic Diagnostics’ website:

1. Go to the autologic.com website to display the Home/Products page.
2. Click on the orange REGISTER link on the top right-hand side of the page.
3. Click the here link at the end of the instruction below the **New Customer? Register now** heading.

4. The **Register** page appears.

5. Type your name and company details, together with the serial number of your **Autologic**, in the fields of the **Register** page.

6. Read the terms and conditions, click the checkbox to accept, and then press the [Register] button.
When you have submitted your registration details, Autologic Diagnostics will contact you by email to confirm your registration as an authorised user.

2.3 **Using your user area**

The Autologic Diagnostics’ webpage has a user area that is based on the manufacturer-specific diagnostic software that you own.

Follow these steps to access your user area:

1. Display any page of the **autologic.com** website.
2. Type your username and password and then press the [GO] button.

Your customised **Autologic User Area** webpage appears (see sample below).
Software downloads are grouped under these headings on the website:

- Manufacturer-specific software updates (1)
- WiFi drivers (2)
- My files (3) – Only if Autologic Diagnostics send files to you.

1) Manufacturer-specific software updates

You can download manufacturer-specific software updates for a particular vehicle together with miscellaneous software updates as and when required (see sample below).

2) WiFi drivers

You can download WiFi drivers so you can use a WiFi connection from your Autologic to your PC (refer to the table on Page 16).

3) My Files (optional)

You can receive particular files and downloads including ECU Flash programming order files for a particular vehicle you are working on.
2.4 Using the Technical Forum

Each Autologic product has a dedicated Technical Forum in an area of the Autologic Diagnostics’ website that only registered users can access. The Technical Forum is an additional source of technical information so that you can share your thoughts and suggestions about problems that you have come across with a vehicle together with postings by other Autologic users and by Autologic Diagnostics’ personnel.

The forum has thousands of topics and posts and it is split into various headings covering the independent vehicle manufacturers, hardware, software, training, sales, marketing and announcements.

You can search quickly in the Technical Forum using keywords or you can browse the thousands of topics. If there are no results to your query, you can post the problem and wait for a reply from the rest of the Autologic community.

Click on the relevant manufacturer (see below) to open up the Topic page.

<table>
<thead>
<tr>
<th>General</th>
<th>Topics</th>
<th>Posts</th>
<th>Last Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>Announcements</td>
<td>51</td>
<td>54</td>
<td>by Hexagnotify on Thu Jul 05, 2012 12:20 pm</td>
</tr>
<tr>
<td>General discussion</td>
<td>261</td>
<td>426</td>
<td>by Swamii on Thu Jan 05, 2012 4:47 pm</td>
</tr>
<tr>
<td>Training</td>
<td>39</td>
<td>257</td>
<td>by Jules@apple on Fri Jan 06, 2012 9:09 am</td>
</tr>
<tr>
<td>Sales</td>
<td>10</td>
<td>17</td>
<td>by Lennar@patrick on Fri Dec 17, 2010 9:07 pm</td>
</tr>
<tr>
<td>Marketing</td>
<td>4</td>
<td>14</td>
<td>by autopoq on Thu Jul 05, 2012 7:58 pm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Autologic</th>
<th>Topics</th>
<th>Posts</th>
<th>Last Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>127</td>
<td>404</td>
<td>by John1989 on Mon Dec 19, 2011 12:50 am</td>
</tr>
<tr>
<td>Autolink</td>
<td>10</td>
<td>158</td>
<td>by Generic on Thu Jan 10, 2012 6:13 pm</td>
</tr>
<tr>
<td>HiFi software</td>
<td>77</td>
<td>269</td>
<td>by Tripleadman on Wed Jan 06, 2011 9:21 am</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vehicle</th>
<th>Topics</th>
<th>Posts</th>
<th>Last Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Rover</td>
<td>3276</td>
<td>31542</td>
<td>by Diagtech on Thu Jul 12, 2012 10:57 pm</td>
</tr>
<tr>
<td>BMW</td>
<td>2286</td>
<td>6441</td>
<td>by Starke on Fri Jun 10, 2011 9:14 am</td>
</tr>
<tr>
<td>Mini</td>
<td>76</td>
<td>205</td>
<td>by AccountQ on Wed Jan 11, 2012 5:06 am</td>
</tr>
<tr>
<td>Mercadoos</td>
<td>1365</td>
<td>4425</td>
<td>by Jmreeves on Fri Dec 23, 2011 9:59 pm</td>
</tr>
<tr>
<td>Jaguar</td>
<td>2159</td>
<td>8354</td>
<td>by JamesApple on Fri Jan 13, 2012 2:53 am</td>
</tr>
<tr>
<td>Volvo</td>
<td>662</td>
<td>1674</td>
<td>by Jezquin on Wed Nov 30, 2011 3:11 pm</td>
</tr>
<tr>
<td>Porsche</td>
<td>56</td>
<td>258</td>
<td>by Calibra99 on Mon Nov 21, 2011 6:24 pm</td>
</tr>
<tr>
<td>VAG</td>
<td>215</td>
<td>742</td>
<td>by KarlQ on Fri Jan 13, 2012 9:30 am</td>
</tr>
<tr>
<td>French</td>
<td>140</td>
<td>305</td>
<td>by Mathematic on Wed Jan 11, 2012 2:48 pm</td>
</tr>
</tbody>
</table>
3. Fundamentals of Autologic

3.1 Introduction

This chapter is aimed at new and existing users of the Autologic. It explains how to do the following tasks using your Autologic:

- Connect a power supply to the Autologic
- Connect your Autologic to the vehicle you are working on
- Connect your Autologic to your PC
- Install the WiFi drivers and configure the WiFi settings
- Capture, store and print images of the Autologic screens and view reports
- Start the data logging process between your Autologic and the vehicle you are diagnosing

To complete the tasks in the document we assume the following:

- You are a registered user of Autologic (see Section 2.2)
- You have a basic knowledge of using Microsoft Windows XP (or a later version of Windows) and a basic understanding of using the Internet

3.2 Power supplies

The Autologic can draw power from a mains power supply or from a vehicle’s diagnostic socket.

⚠️ NOTE: We recommend that you use the mains supply whenever possible.

⚠️ NOTE: The mains adapter uses AC mains voltages between 100 and 250 volts.
3.3 **Connecting Autologic to the vehicle**

Follow the steps below to connect your *Autologic* to the vehicle you are working on:

1. Connect the DC power supply to the *Autologic*.

   ![NOTE: Make sure that you align the red dot on the cable with the red dot on the socket.](image)

2. Select the correct diagnostic cable for the vehicle you are working on.

3. Connect the diagnostic cable to the *Autologic*. 

![Image of Autologic connected to a vehicle](image)
4. Connect the other end of the diagnostic cable to the vehicle’s diagnostic socket.

5. Switch on the power to the Autologic.

You are now ready to start using Autologic on the vehicle.
3.4 Connecting Autologic to your PC

You need to connect your Autologic to your PC to do the following tasks:

- Update the Autologic base software and vehicle-brand-specific software
- Install ECU Flash programming files onto Autologic
- Use the Autolink software (see Chapter 5)
- Order ECU Flash programming files from Autologic Diagnostics

This section describes the connection and communication options that are available for you to connect your Autologic to your PC. The options depend on the type (or serial no.) of your Autologic as there are four different options available as follows:

- Serial
- USB
- WiFi
- Ethernet

<table>
<thead>
<tr>
<th>Serial No. Range</th>
<th>Type of Autologic</th>
<th>WiFi</th>
<th>Ethernet</th>
<th>USB</th>
<th>Serial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 3999</td>
<td>Serial</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>4000 to 5692</td>
<td>USB</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td>✗</td>
</tr>
<tr>
<td>5693 to 7196</td>
<td>USB with Ethernet Capability</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✗</td>
</tr>
<tr>
<td>7197 to 7999</td>
<td>Ethernet-only</td>
<td>✓</td>
<td>✓</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>8000 onwards</td>
<td>8000 Unit</td>
<td>✓</td>
<td>✓</td>
<td>✗</td>
<td>✗</td>
</tr>
</tbody>
</table>

Connection & communication options for Autologics

The latest version of Autologic (from and including serial number 8000) is called an ‘8000 Autologic’. This version has a WiFi adaptor built inside the tool so you do not need to use an external WiFi adaptor.

Autologics from and including serial number 7197 are called ‘Ethernet-only’ Autologics because you connect your Autologic to your PC using a network crossover cable inserted in the Local Area Network (LAN) port of your Autologic.

![NOTE: Your Ethernet-only Autologic may have a WiFi adaptor built in to it, or you may need to plug a USB WiFi adaptor (Part No. WIR-1) into the USB port of the Autologic to connect to your PC using a wireless connection.](image)

Autologics have been produced with and without a USB interface. Autologics with serial numbers from and including 4000 to 7196 are known as ‘USB Autologics’ as they have a USB interface. Autologics with serial numbers up to and including 3999 are known as ‘Serial Autologics’ and they do not have a USB interface.
The options available to connect an Autologic to a PC are different for Serial, USB WiFi and Ethernet-only Autologics as follows.

- To connect a **Serial Autologic** to a PC, you install a serial upgrade cable from the RS232 serial port on the Autologic to the RS232 serial port on the PC.

- To connect a **USB Autologic** to a PC you must first install the USB drivers on your PC and then connect the Autologic to the PC by using a USB upgrade cable to connect the upgrade port on your Autologic to any spare USB port on your PC.

- You connect a **WiFi Autologic** to a PC by using the WiFi signal. To do this you need to:
  
  - configure the WiFi settings in the Autolink software,
  - configure the firewall settings on the PC,
  - configure the WiFi settings on the Autologic and, if necessary,
  - plug in the USB WiFi adaptor.

**NOTE:** There are two types of Autologics that connect to a PC using WiFi. One uses a USB WiFi adaptor which you insert into the USB port of your Autologic and the other type has the WiFi adaptor built into the Autologic.

- To connect an **Ethernet-only Autologic** to a PC you need to:
  
  - configure the WiFi settings in the Autolink software,
  - configure the firewall settings on the PC and, if necessary,
  - plug in the USB to Ethernet adaptor or plug in the Ethernet cable

### 3.4.1 Checking the serial number of your Autologic

To find out the range of your Autologic, so that you can see the available connection options between your Autologic and your PC, you need to check its serial number. The full serial number, such as A008201, is shown on a silver label on the back of the unit as shown in the photo below.

**NOTE:** We normally refer to the serial number without the A00 prefix. For example, we call Autologic A008201 just 8201.
You need to select the range of serial numbers into which your Autologic falls from the list below:

- Up to 3999 (see subsection 3.5)
- 4000 - 5692 (see subsection 3.4.4)
- 5693 - 7196 (see subsection 3.4.4)
- 7197 - 7999 (see subsection 3.4.5)
- 8000 onwards (see subsection 3.4.6)

3.4.2 Checking the version of Windows on your PC

To see the available connection options between your Autologic and your PC, you need to check the version of Microsoft Windows that is installed on your PC from the list below:

- Windows XP 32-bit
- Windows XP 64-bit
- Windows Vista 32-bit
- Windows Vista 64-bit
- Windows 7 32-bit
- Windows 7 64-bit

⚠️ NOTE: Autologic Diagnostics may not support versions of Windows before Windows XP.
You can follow the steps below to check your version of Windows:

1. Click the **Start** button on the bottom left side of the screen to display the Start menu.

2. Right click either the **Computer** or the **My Computer** option in the Start menu (depending on your version of Windows).

A sub-menu appears below the **Computer** or **My Computer** option.

3. Click the **Properties** option in the sub-menu.
4. You can check your version of Microsoft Windows below the Windows edition and System headings that appear in the System window.

3.4.3 Buying a WiFi adaptor from Autologic Diagnostics

If you have an Autologic with a serial number from and including 4000 through 7999 you can install a USB WiFi adaptor in your Autologic so that you can connect it to your PC by using a WiFi signal instead of using a cable.

⚠️ NOTE: You cannot install a WiFi adaptor in Autologics with serial numbers up to 4000 because you can only connect them to your PC by using a serial upgrade cable.

⚠️ NOTE: Autologics with serial numbers after 7999 have the WiFi facility built in so it is not necessary to install a USB WiFi adaptor in the Autologic.

If you are in the UK and you want to buy a USB WiFi adaptor (part number WIR-1) please contact Autologic Diagnostics. If you are outside of the UK, please contact your local distributor.
3.4.4 Connection options for Autologics serial no. 4000 - 7196

The connection options that you can use to connect your Autologic to your PC for Autologics with a serial number range from and including 4000 through 7196 are shown in the chart below. Follow the steps in the chart to find out which Connection Guide to use (WiFi, USB or Ethernet).

NOTE: Autologics with a serial number range from and including 4000 through 5692 inclusive are known as ‘USB Autologics’. Autologics with a serial number range from and including 5693 through 7196 are a USB type, but they also have an Ethernet capability.

NOTE 1: The WiFi connection uses the USB WiFi adaptor. This allows you to connect your Autologic to your PC from a distance and it can enable printing while the Autologic is connected to a vehicle.

NOTE 2: The USB connection uses the USB upgrade cable (part number SCS-5). It connects USB A to USB B and it is quick and easy to set up.

NOTE 3: Please consult your distributor for help if you are outside the UK. If you are in the UK, contact Autologic Diagnostics.
3.4.5 **Connection options for Autologics serial no. 7197 - 7999**

The connection options that you can use to connect your Autologic to your PC for Autologics with a serial number range from and including 7197 through 7999 are shown in the chart below. Follow the steps in the chart to find out which Connection Guide to use (WiFi, USB or Ethernet).

![Connection options chart](chart.png)

- **NOTE 1**: The WiFi connection uses the USB WiFi adaptor. This allows you to connect your Autologic to your PC from a distance and it can enable printing while the Autologic is connected to a vehicle.

- **NOTE 2**: The Ethernet connection uses a yellow network crossover cable (part number SCS-9) with a USB to Ethernet adaptor (part number SCS-10) and it is quick and easy to install.
3.4.6 **Connection options for Autologics serial no. 8000 onwards**

The connection options that you can use to connect your Autologic to your PC for Autologics with a serial number range from and including 8000 onwards (known as ‘8000 Autologics’) are shown in the chart below. Follow the steps in the chart to find out which Connection Guide to use (WiFi, USB or Ethernet).

![Diagram](chart.png)

**NOTE 1**: The WiFi connection uses the USB WiFi adaptor. This allows you to connect your Autologic to your PC from a distance and it can enable printing while the Autologic is connected to a vehicle.

**NOTE 2**: The Ethernet connection uses the yellow network crossover cable (part number SCS-9) with a USB to Ethernet adaptor (part number SCS-10) and it is quick and easy to install.
3.5 **Serial Connection Guide**

Serial Autologics are non-USB Autologics with serial numbers up to and including 3999.

To connect your Serial Autologic to your PC, you install a serial upgrade cable (part number SCS-7) to connect the RS232 serial port on the Autologic to a RS232 serial port on the PC.

⚠️ **NOTE:** The WiFi function is not available for Serial Autologics.

⚠️ **NOTE:** If your PC does not have a serial port then you can use a USB serial converter (Part Number SCS-6). Remember to install drivers for the USB serial converter on the PC.

3.6 **USB Connection Guide**

This USB Connection Guide describes the steps you need to follow to connect your Autologic to your PC using a USB upgrade cable (part number SCS-5). The cable connects the upgrade port on your Autologic (USB B) to any spare USB (USB A) port on your PC.

To use the USB connection option, you must install the USB drivers on your PC. You can download the USB drivers from the General area of the Autologic Diagnostics’ website.

This USB Connection Guide takes you through the necessary steps to connect your Autologic to your PC. The guide shows you the images you will see on your PC.

⚠️ **CAUTION! Before you connect your Autologic to your PC, you must install the USB drivers as instructed in the steps below.**

⚠️ **CAUTION! You must switch off your Autologic before you plug in the USB cable.**

3.6.1 **Installing USB drivers**

To connect your Autologic to your PC using a USB upgrade cable, you need to first complete the following steps to install the USB drivers:

1. Switch off your Autologic.
2. Connect to the Internet and access the autologic.com website to display the Home/Products page.
3. Log in to your Autologic account and access your Autologic User Area webpage (see sample below).
4. Click the USB DRIVER link.
The **autologic.com** website starts to download the USB drivers onto your PC and a message appears asking you to wait while your download starts.

NOTE: Make sure that you save the download on your PC where it is easy to find, such as in your Downloads folder or on your desktop.
5. Press the [Run] button in the **File Download** window.

The **USB Driver Installation** window appears.

![File Download - Security Warning](image1)

**NOTE:** The steps below describe what you need to do if you have Windows XP. If you have a later version of Windows than XP, press the [View Instructions] button in the **USB Driver Installation** window and then follow the steps in the help file for your particular version of Windows.

6. Press the [Install Driver] button.
The **USB Driver Installation** window shows the “Installation Complete: Please Plug in your Autologic” message at the bottom of the window.

7. Plug in the USB A end of the USB upgrade cable supplied with your *Autologic* into the **upgrade** port on the top of your *Autologic*.

8. Plug the USB B end of the USB upgrade cable into a spare USB port on your PC.

9. Turn on your *Autologic*.

   As your *Autologic* starts, the **Found New Hardware Wizard** window appears on the screen of your PC.

10. Select the **No, not this time** option to answer the question displayed in the window and then press the [Next] button.
The **Found New Hardware Wizard** window changes.

11. Select the **Install the software automatically** option in the **Found New Hardware** Wizard window and then press the [Next] button.

The message below appears in the **Hardware Installation** window during the installation process.
12. Press the [Continue Anyway] button.

13. Press the [Finish] button to complete the installation of the USB drivers.

Your Autologic is now connected to your PC. Your Autologic will now automatically connect to your PC every time you switch it on with the USB upgrade cable plugged in.
3.7 WiFi Connection Guide

This WiFi Connection Guide takes you through the necessary steps you need to follow to connect your Autologic to your PC using a Wireless Fidelity (WiFi) signal. The guide shows you the images you will see on your PC and your Autologic.

You can do this for any Autologic after serial number 3999. You need to plug a WiFi adaptor into your Autologic if the WiFi adaptor is not built in to your Autologic.

NOTE: The WiFi adaptor is built into Autologics after serial number 7999.

To use the WiFi connection you need to:

- configure the WiFi settings in the Autolink software,
- configure the firewall settings on your PC, and
- configure your Autologic.

3.7.1 Checking if WiFi drivers are installed

To check if WiFi drivers are already installed on your PC:

2. Press [CONNECTION SETTINGS].

The CONNECTION SETTINGS screen appears.

If the WiFi drivers are not installed on your PC, the WiFi USB adaptor option and button do not appear on the Autologic’s CONNECTION SETTINGS screen. If the WiFi drivers are installed on your PC, the WiFi USB adaptor option and button do appear on the CONNECTION SETTINGS screen.

If the WiFi drivers are not installed on your PC, go to the WIFI DRIVERS link, on the WiFi User Area of the autologic.com website.
3.7.2 Configuring the WiFi settings in Autolink

To connect your Autologic to your PC you need to first configure the settings in the Autolink application installed on your PC as follows:

1. Double click on the Autolink icon on the desktop of your PC.

   ![Autolink splash screen]

   **NOTE:** If you do not have Autolink installed on your PC, go to the Internet to access the autologic.com website, log in and install Autolink (see Section 5.2).

2. Click the Settings icon in the Autolink top menu bar.
3. Click the Connections link in the left-hand column of the screen below the **Settings** heading.

   The **Connections** screen appears.

4. Tick the box next to the Network option on the **Connections** screen.

   A green tick appears in the Network tick box.

5. Click the Save changes option in the **Autolink** top menu bar.

   A message in red text appears at the bottom of the **Connections** screen that asks you to configure your firewall settings.
6. Close the Autolink application.

You will now need to configure the firewall settings on your PC.

### 3.7.3 Configuring the firewall to add exception for port 2020 UDP

Updating over WiFi is disabled by default on your PC so you need to enable it. This is because firewalls need to be configured to stop messages like the one below.

![Windows Security Alert]

**NOTE:** If your firewall is not configured correctly you will have to press the [Unblock] button each time you run a software update.

The configuration prerequisites of the system are as follows:

- You have installed a WiFi adaptor in your Autologic and installed the WiFi drivers on your PC (see Section 3.7.4).
- You have configured your Autologic to connect to a WiFi network (see Section 3.7.4).
- You have set up your PC for the correct connection on Autolink (see Section 3.7.2).
To configure your firewall for Windows XP and Windows Vista follow these steps:

1. Select the Control panel option from the Start menu on your PC.
2. Double click the Windows Firewall icon.
3. Click the Exceptions tab.
4. Press the [Add Port...] button in the Windows Firewall window.
5. Type a name for the port, such as Autologic Updates, and insert 2020 for the Port Number in the Edit a Port window (see the details below).
6. Make sure that you select the UDP option (see below).
7. Press [OK].
To configure your firewall for Windows 7 follow these steps:

1. Select the Control Panel option from the start menu on your PC.
2. Type Windows Firewall in the Search Control Panel, and then press [Enter].
3. Double click the Windows Firewall icon.
4. Click the Advanced settings link on the top left of the page.

5. Click the Inbound rules link.
6. Click the New Rule link.

7. Tick the Port button.

8. Press the [Next] button.

9. Tick the UDP button, tick the Specific local ports button and type 2020.

11. Allow the connection.

13. Type Autologic Updates in the name field.

3.7.4 **Configuring your Autologic - up to serial no. 7999**

The last main step that you need to complete to connect your Autologic (up to and including serial number 7999) to your PC is to configure the WiFi settings in your Autologic.

⚠️ **NOTE:** To do this, you will need your SSID password and encryption type. If you do not have this information, ask your network administrator.

⚠️ **NOTE:** The SSID is more commonly the name that is assigned to identify your WiFi network. The SSID is case sensitive so you must type the correct CAPITAL letters or small letters.

Follow these steps to configure the WiFi setup on your Autologic:

1. Plug in the USB WiFi adaptor (Part Number WIR-1) in the USB port on the top of your Autologic.

2. Switch on your Autologic.


   The AUTOLOGIC SYSTEM MENU appears.

4. Press [CONNECTION SETTINGS] in the AUTOLOGIC SYSTEM MENU.
5. The CONNECTION SETTINGS screen appears.

   **NOTE:** The options in the CONNECTION SETTINGS screen depend on the type of Autologic you are using.

6. Select the **WiFi USB adaptor** option.
   
The WIFI SETTINGS screen appears.

7. Select the **Connect Autologic to an existing WiFi network router** option.
The WIFI ACCESS POINT SETTINGS screen appears.

8. Press the [MANUAL] button next to the SSID field.

The SSID screen appears.

9. Enter your Service Set Identifier (SSID) in the SSID screen using the correct upper and lower case letters and then press the [OK] button.

⚠️ CAUTION! The key must match your network key exactly.

⚠️ NOTE: Your system administrator knows your SSID.

⚠️ NOTE: You can press the [Shift] button in the SSID screen to enter lower case letters.
The WIFI ACCESS POINT SETTINGS screen appears.

10. Press the [CHANGE] button next to the **Encryption** field.

11. Press the [CHANGE] button next to the **Encryption** field again to select your type of encryption.

   The encryption type in the **Encryption** field changes to the one you selected.
Press the [CHANGE] button next to the Key field.

The KEY screen appears.

12. Enter your network key in the KEY screen and then press the [OK] button.

⚠️ CAUTION! The key must match your network key exactly.

📝 NOTE: Your network administrator has the details of your key
The WIFI ACCESS POINT SETTINGS screen appears.

13. Press the [BACK] button in the WIFI ACCESS POINT SETTINGS screen.

The Changes have been made message appears in the WIFI ACCESS POINT SETTINGS screen.

14. Press the [YES] button in the message to save the WiFi settings changes you have entered in your Autologic.

⚠️ CAUTION! A message appears to warn you that you must not switch off your Autologic until it has saved the changes.

15. Turn off your Autologic and then turn it on to reboot it.
16. Work through the steps numbered 3 through 6 above to display the WIFI SETTINGS screen again.

![](image)

17. Press the [ON] button next to the **Status** field to make sure that **Connected** appears in the **Status** field (instead of **Not connected**).

Your **Autologic** is now connected to your PC using WiFi and it will now connect to your PC automatically every time you switch it on.
3.7.5 **Configuring your Autologic - from serial no. 8000**

The last main step that you need to complete to connect your *Autologic* (from and including serial number 8000) to your PC is to configure the WiFi settings in your *Autologic*.

⚠️ **NOTE:** To do this you will need your SSID, password and encryption type. If you do not have this information, ask your network administrator.

Follow these steps to configure the WiFi setup on your *Autologic*:

1. Switch on your *Autologic*.

2. Press [SYSTEM SETUP] in the *Autologic* start-up screen.

   The AUTOLOGIC SYSTEM MENU appears.

3. Press [CONNECTION SETTINGS] in the AUTOLOGIC SYSTEM MENU.

4. The CONNECTION SETTINGS screen appears.

   ⚠️ **NOTE:** The options in the CONNECTION SETTINGS screen depend on the type of Autologic you are using.

5. Select the **WiFi USB adaptor** option.
The WIFI SETTINGS screen appears.

6. Select the **Connect Autologic to an existing WiFi network (router)** option.

The WIFI ACCESS POINT SETTINGS screen appears.

7. Press the [SCAN] button next to the **SSID** field.

   ![NOTE: Your system administrator will know your SSID.]

8. Press the [SCAN] button.
The WIFI SCAN screen appears and displays all of the available WiFi networks and the strength of the signal for each network.

9. Select your WiFi network from the list on the WIFI SCAN screen.

The WIFI ACCESS POINT SETTINGS screen appears.

10. Press the [CHANGE] button next to the Key field.
The KEY screen appears.

11. Enter your network key in the KEY screen and then press the [OK] button.

⚠️ CAUTION! The key must match your network key exactly.

⚠️ NOTE: Your network administrator has the details of your network key

The WIFI ACCESS POINT SETTINGS screen appears.

12. Press the [BACK] button in the WIFI ACCESS POINT SETTINGS screen.
The **Changes have been made** message appears in the WIFI ACCESS POINT SETTINGS screen.

13. Press the [YES] button in the message to save the WiFi settings changes you have entered in your **Autologic**.

⚠️ **CAUTION! A message appears to warn you that you must not switch off your Autologic until it has saved the changes.**

14. Turn off your **Autologic** and then turn it on to reboot it.

15. Work through the steps numbered 2 through 5 above to display the WIFI SETTINGS screen again.

16. Press the [ON] button next to the **Status** field to make sure that **Connected** appears in the **Status** field (instead of **Not connected**).

Your **Autologic** is now connected to your PC using WiFi and it will now connect to your PC automatically every time you switch it on.
3.8 Ethernet Connection Guide

This Ethernet Connection Guide takes you through the necessary steps you need to follow to connect your Autologic to your PC using the Ethernet. The guide shows you the images you will see on your PC and your Autologic. You can do this for any Autologic including and from serial number 5693.

To use the Ethernet connection you need to:

- configure the Ethernet settings in the Autolink software (see subsection 3.7.2),
- configure the firewall settings on the PC (see subsection 3.7.3) and, if necessary,
- connect your Autologic to your PC by using one of these three methods:
  - Network cable from the Autologic LAN port to a USB to Ethernet adaptor in the PC (see subsection 3.8.3)
  - Network cable from the Autologic LAN port to the Ethernet connector on the PC (see subsection 3.8.3)
  - Network cable from the Autologic LAN port to a network router (see subsection 3.8.3)

3.8.1 Configuring the Ethernet settings in Autolink

To connect your Autologic to your PC using the Ethernet see subsection 3.7.2.

3.8.2 Configuring the firewall

To configure the firewall to add an exception for port 2020 UDP see subsection 3.7.3.

3.8.3 Connecting your Autologic to your PC

Autologic LAN port to a USB to Ethernet adaptor in the PC

💡 NOTE: You need to use this option if you do not have a free LAN port on your PC.

Follow these steps to connect any Autologic with a LAN port to your PC using a network cable from the USB to Ethernet adaptor (which you insert in the PC):

1. Insert the USB connector of the USB to Ethernet Adaptor into any USB port of your PC.

💡 NOTE: You can use your own USB to Ethernet Adaptor, you do not need to buy it from Autologic Diagnostics.
NOTE: We include the USB to Ethernet Adaptor and the yellow network crossover cable with all LAN-only Autologics.

If you have Windows XP installed, the **Found New Hardware Wizard** screen appears and asks ‘Can Windows connect to Windows Updates to search for Software?’

2. Click the ‘Yes, this time only’ option, then press the [Next] button.

   If the **Found New Hardware Wizard** screen asks ‘What do you want the wizard to do?’

3. Click the ‘Install the software automatically (Recommended)’ option, then press the [Next] button.
If you have Windows Vista or 7 installed, the installation is automatic although you need to check for the driver installation notice.

4. Wait for the driver installation to finish.

5. Insert one end of the yellow network crossover cable into the Ethernet socket of the USB to Ethernet Adaptor.
6. Insert the other end of the yellow network crossover cable into the LAN port of your Autologic.

7. Install the Autolink software (see Section 5.2).

8. Follow the instructions in subsection 5.8.3 to change your PC connection in Autolink.

You should now be able to download software updates onto your Autologic.

**Autologic LAN port to Ethernet connector on the PC**

ℹ️ **NOTE:** Use this method if you have a free LAN port on your PC.

Follow these steps to connect any Autologic with a LAN port to your PC using a yellow crossover network cable (supplied by Autologic Diagnostics):

1. Turn on your PC, run Windows and connect to the Internet.
2. Turn on your Autologic.
3. Insert the yellow crossover network cable (supplied by Autologic Diagnostics) into the Ethernet socket of your PC.
NOTE: We include the yellow network crossover cable with all LAN-only Autologics.

4. Insert the other end of the yellow network crossover cable into the LAN port of your Autologic.

5. Install the Autolink software (see Section 5.2).

6. Follow the instructions in subsection 5.8.3 to change your PC connection.

   You should now be able to download software updates onto your Autologic.
Autologic LAN port to a network router

NOTE: This is a rare method you can use if you have multiple PCs in a network and you want to connect your Autologic to any one of the PCs.

Follow these steps to connect any Autologic with a LAN port to a network router using a standard LAN cable (not the yellow network crossover cable that Autologic Diagnostics supplies):

1. Turn on your PC, run Windows and connect to the Internet.
2. Turn on your Autologic and display the start-up screen.
   The AUTOLOGIC SYSTEM MENU screen appears.
4. Press [CONNECTION SETTINGS].
   The CONNECTION SETTINGS menu appears with a list of connection options (which depend on your type of Autologic).

5. Select the LAN port – Ethernet cable connection by pressing the round button for this option.
The ETHERNET ALLOCATION screen appears.

```
ETHERNET ALLOCATION
Connect Autologic to a router
Note: Use straight through ethernet cable.
Connect Autologic to a PC
Fix the IP of the Autologic
```

6. Select the **Connect Autologic to a router** option.

The ETHERNET ADVANCED SETTINGS screen appears.

```
ETHERNET ADVANCED SETTINGS
ETHERNET ALLOCATION Dynamic IP
MAC ADDRESS 00-0C-46-00-29-A0
IP ADDRESS 169.254.84.90
NETMASK 255.255.0.0
GATEWAY NONE
DHCP SERVER 255.255.255.255
ISSUE DHCP GATEWAY OFF
DHCP SUBNET 172.31.128.0/30
```

7. Press [SAVE].

*Autologic* runs a saving procedure and then prompts you to reboot your *Autologic*.

8. Turn off your *Autologic*.

9. Turn on your *Autologic*.

10. Connect your *Autologic* to the network router using a standard LAN cable (not the yellow network crossover cable supplied by Autologic Diagnostics). Plug the cable in the LAN port on the *Autologic* and a spare connector on the back of the network router.
11. Install the *Autolink* software (see Section 5.2).

12. Follow the instructions in subsection 5.8.3 to change your PC connection.

You should now be able to download software updates onto your *Autologic*. 
3.9 Parts for printing and connecting configurations

You can order the following parts from Autologic Diagnostics:

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WiFi Adaptor (for Autologic)</td>
<td>WIR-1</td>
</tr>
<tr>
<td>USB Upgrade Cable</td>
<td>SCS-5</td>
</tr>
<tr>
<td>USB Serial Converter</td>
<td>SCS-6</td>
</tr>
<tr>
<td>Serial Upgrade Cable</td>
<td>SCS-7</td>
</tr>
<tr>
<td>Parallel Port Upgrade Cable</td>
<td>SCS-8</td>
</tr>
<tr>
<td>USB to Ethernet Adaptor</td>
<td>SCS-9</td>
</tr>
<tr>
<td>Network Crossover Cable (Yellow)</td>
<td>SCS-10</td>
</tr>
</tbody>
</table>

NOTE: For a full list of vehicle diagnostic cables, see the latest version of the Equipment Checklist which is supplied with your Autologic.
3.10 **Working with images and reports**

You can capture images of the *Autologic* screen any time that the *Autologic* displays the [SCREEN CAPTURE] button on the screen.

You can also view and print the images and view the reports that are stored on your *Autologic*.

You can choose to save a report when Autologic prompts you. The report is a collection of data from the vehicle.

You can view and print these images and reports using *Autolink*. You can also print images directly from the *Autologic* if you have the WiFi connection setup on your PC.

3.10.1 **Capturing and saving an image of the Autologic screen**

Follow these steps to capture and save an image of the *Autologic* screen:

1. Display the screen that you want to capture.

   ![NOTE: The screen needs to display the [SCREEN CAPTURE] button or you will not be able to capture it.]

2. Press [SCREEN CAPTURE].

   The SCREEN CAPTURE MENU appears.

3. Press [SAVE IMAGE ADDING DETAILS].

   The DESCRIPTION OF PAGE screen displays a keyboard that asks you to type a short description as the filename of the image you are saving.

4. Type a filename for the image and then press [OK].

   *Autologic* captures the screen that is currently displayed and saves the image on your *Autologic*.

   ![CAUTION! Autologic can store many images but we advise you to keep this to a minimum. At the end of a vehicle diagnostic session, we suggest that you use Autolink to copy the images that you have captured to your PC and then delete them from your Autologic.]
3.10.2 Capturing and saving an image using previous details

You can use a quick way to capture and save a screen that Autologic currently displays by using the QUICK SAVE function.

![NOTE: The QUICK SAVE function is only available after you have saved at least one image.]

Autologic assigns the filename of the previous image you captured to the filename of your new image and it adds a sequential number after the filename to show you the total number of images with the same filename. For example, if you named your last image 'ABS', Autologic uses this filename again for the new image you capture but it adds the 01 digits at the end of it and saves the filename as ABS 01. The next image you capture with this function is saved as ABS 02, then ABS 03, etc.

3.10.3 Viewing and deleting stored images

Follow these steps to view or delete the images that you have already saved on your Autologic:

1. Display the SCREEN CAPTURE MENU.
2. Press [VIEW STORED IMAGES].
   The STORED IMAGE LIST screen appears with a list of filenames that are stored on your Autologic.
3. If necessary, press [NEXT] or [BACK] to scroll through the list of images if they are stored over more than one Autologic page.
4. To view an image, press the [View image] button.
5. To delete an image from your Autologic, press the [Delete file] button and then press the [Continue] button to confirm the deletion.

3.10.4 Printing the current screen (WiFi function only)

You can print the current screen that Autologic displays without making a screen capture.

You can only do this if your system meets the following conditions:

- Your Autologic is set up to use WiFi
- Your Autologic is connected to a PC with a printer
- The screen you want to print shows the [SCREEN CAPTURE] button
Follow these steps to print the current screen without making a screen capture:

1. Display the SCREEN CAPTURE MENU.

2. Press [PRINT CURRENT PAGE].

   The PRINT IMAGES screen appears.

3. Select the type of printout you want from these options:
   - [PRINT COLOUR]
   - [BLACK & WHITE]
   - [PRINT LIGHT COLOURS] = In ink-saving full colour

3.10.5 Viewing and deleting stored reports

Follow these steps to view and delete the reports that Autologic has stored in a folder:

1. Display the SCREEN CAPTURE MENU.

2. Press [VIEW STORED REPORTS].

   The STORED REPORTS LIST screen appears with a list of the reports that are saved on your Autologic.

3. Either press the [View report] button to view a particular report in the list or of press the [Delete report] button to delete the report.
3.11 Data logging

*Autologic* can record all of the communication data between itself and the vehicle to which it is connected. You can then use the *Autolink* software to upload this data to Autologic Diagnostics for a software engineer to analyse (see Section 5.6).

If a software engineer requests a data log you must put your *Autologic* into the logging mode before the vehicle diagnostic takes place. After diagnosing the vehicle, you must save the data log.

3.11.1 Logging procedure

1. Switch on the *Autologic*.
2. Press [SYSTEM SETUP].
3. Press [SUPPORT TOOLS].
   
   The SUPPORT TOOLS screen appears.
4. Press the [ON] button next to the **LOGGING FIELD** to switch the *Autologic* into the LOGGING mode.
   
   The STATUS line changes from NOT LOGGING to LOGGING.
5. Press [BACK] until you are at the *Autologic* start-up screen and continue with the diagnostic that you have been asked to log.
6. Return to the SUPPORT TOOLS page to save the data log.
7. Press the [SAVE] button next to the **SAVE LOG** field.
   
   The number of LOGS STORED increases by 1 and the STATUS line changes back to NOT LOGGING.
CAUTION: If you do not press the [SAVE] button in the SUPPORT TOOLS page, you will lose the data log when you switch off the Autologic or when you press [UPDATE].

8. Use the Autolink software to upload the data log to Autologic Diagnostics (see Section 5.6).
4. Updating Autologic

4.1 Downloading Autologic updates

To get the best from your Autologic, it is important to keep up to date with the latest software available on the Autologic Diagnostics’ website.

There are two common types of software updates:

- **MAIN Autologic** software version (this contains the operating system and firmware updates)

- Manufacturer-specific software version, such as BMW and Land Rover

There are also other software update files that are used less frequently, such as programming and software fixes that software engineers send to fix a particular vehicle problem.

The version numbers of **MAIN** software and the manufacturer-specific software are clearly identified in the bottom left corner on the start-up screen (see example below).

The **MAIN Autologic** software version is common to all Autologic products. In addition to this, each manufacturer-specific software version has its own individual update file, such as MERCxxx (where xxx is the latest version of the software update).

Follow these steps to download the latest manufacturer-specific software updates:

1. Connect your Autologic to your PC (see Section 3.4).

2. Select the link for the update that you want to install onto your Autologic from the User Area of the Autologic Diagnostics webpage. For example MERCxxx.
3. Follow the on-screen instructions (see below).

The update starts to download from the Autologic Diagnostics’ website.

![Download Progress](image)

When the update has finished downloading it should run automatically. If you are using Windows XP you may need to press the [Run] button to confirm that you want the update to run.

![Security Warning](image)


When your PC and your Autologic have established communication, the update starts to download to the Autologic.

![Update Status](image)
5. Using Autolink

5.1 Introduction

Autolink gives a connection between your Autologic and your PC so that you can:

- Copy, view and print images and reports
- Upload data logs to Autologic Diagnostics
- Order specific ECU Flash programming files

The Autolink software communicates with your Autologic using one of the following connections that you can specify:

- Serial cable
- Universal Serial Bus (USB)
- Network (Ethernet or WiFi)

NOTE: Autolink only runs on Microsoft Windows XP SP2 or a later version of Windows.
5.2 Installing and running Autolink

To install and run the latest version of Autolink on your PC, you need to click the AUTOLINKSETUP link in the General user area of the Autologic Diagnostics’ website (see Figure below) and then follow the instructions to download the software.

![Autologic User Area: General](image)

**NOTE:** When you install Autolink on your PC it automatically installs the NET Framework application as you will also need this to use Autolink.

Autolink automatically checks to see if a newer version is available. If a newer version is available, it will prompt you to download and install it.

5.3 Displaying the Autologic connected to your PC

You can follow these steps to show which Autologic is connected to your PC:

1. Make sure that your Autologic is connected to your PC (see Section 3.4).
2. Turn on the Autologic and press [UPDATE].
3. Run the Autolink software (double-click on the Autolink icon).
4. Click on the Connections icon at the top of the Autolink screen.

A Connected units screen appears that shows the serial number of the Autologic, such as A008006, which is connected to your PC. The screen shows the number of images, reports, logs and orders for ECU Flash programming updates that are stored on the Autologic.
5.4 Copying, viewing and printing images and reports

When you have captured images and reports using your Autologic you can use the Autolink software to do the following tasks:

- Copy images from your Autologic to your PC
- Set up and manage folders on your PC to save your Autologic images and reports in a database or folder
- View and manage images and reports stored on your Autologic and on your PC
- Add notes to images
- Print images and reports

5.4.1 Copying all images and reports from Autologic to your PC

Follow these steps to copy all of the images and reports from your Autologic to your PC:

1. Click the [Copy all images & reports to PC] button on the Connected units screen.

   A window appears that asks you if you want to delete all of the images and reports from your Autologic after Autolink has copied them to your PC.

2. Either click the [Yes] button or the [No] button.

   Autolink copies the images and reports to a folder called Autolink files on your PC with the Autologic serial number.

3. Click the [View images] button to view the images that have been copied from your Autologic.
5.4.2 Copying individual images and reports from Autologic

Follow these steps to copy images and reports from your Autologic to your PC using Autolink:

1. Click on the Images and Reports icon in the Autolink top menu bar.

2. Click the Autologic or Autolink files (PC hard drive) folder that stores the images you want to view and print.

   Autolink displays the images and reports as either a list or thumbnails in the main Autolink screen.

3. Highlight the images and reports you want to copy.

4. Click the Copy to PC option below the Autolink top menu bar.

   Autolink copies the images and reports to a folder called Autolink that has the Autologic serial number.
### 5.4.3 Viewing and printing images and reports

Follow these steps to view and print images and reports that you have saved on your Autologic and on your PC:

1. Click on the Images and Reports icon in the Autolink top menu bar.
2. Click the Autologic or Autolink files (PC hard drive) folder that stores the images you want to view and print.

![Autologic and Autolink Images and Reports Interface]

**NOTE:** The images stored on the Autologic have a small Autologic icon and the images stored on your PC have a hard drive icon.
3. Double-click the image or report you want to view (see sample report below).

![Quick Test Report](image.png)

3. Double-click the image or report you want to view (see sample report below).

4. Use the Previous and Next options below the Autolink top menu bar to view the file you want to print or use the Delete option to delete a file you do not need.

5. Press the Print option in the Autolink top menu bar.
6. If necessary, press the [Print Preview] button to preview the image or report on a page with your company details before you print it (see sample below).

![Sample Report Image]

7. Select the type of printout you want from the three options below:
   - Full Colour
   - Ink Saving (ink-saving light colour)
   - Black and White

   **NOTE:** The above options are also available in a drop-down menu (Print option in the Autolink top menu bar) if you just single click the image or report you want to print.

8. Press the [Print] button and follow your printer’s instructions.
5.4.4 **Viewing images and reports using Windows Explorer**

Screen captures are stored in a Windows folder on your PC so you can view them using Windows Explorer.

5.4.5 **Adding notes to images**

You can add notes to an image. To do this you need to copy the image to a folder on your PC and then open it and type your notes in the **Notes** box.

![Image of screen capture with notes](image)

**NOTE:** The notes you type will be printed at the bottom of the page when you print it.
5.5 Managing images and reports on your PC

This subsection explains how to set up and manage folders and subfolders on your PC so that you can file the images and reports that you have made using Autologic.

5.5.1 Adding, deleting and renaming folders and subfolders

Follow these steps to add a folder to Autolink so that you can manage your files:

1. Click on the Images and Reports icon in the Autolink top menu bar.
2. Click on the Autolink files folder option in the Images and Reports menu.
3. Click on the Add Folder option below the Autolink top menu bar.
4. Enter a name for the folder in the New Folder window, and then click the [Add Folder] button.
   
   Autolink displays the new folder in the Images & Reports menu.
5. To add a subfolder to the folder you set up, repeat steps 2-4 above but highlight the folder under which you want to add the sub-folder.
6. To delete a folder or subfolder, highlight the folder and then click the Delete Folder option below the Autolink top menu bar.
7. To rename a folder, highlight the folder using your right mouse button, click the Rename folder option, type in your new name of the folder in the Rename folder window, and then click the [Rename] button.

5.5.2 Moving images between folders

You can use Autolink to move images and reports between the folders set up on your PC. To do this you just drag and drop the image into the folder where you want to put it.

5.6 Uploading data logs to Autologic Diagnostics

> NOTE: You must only send data logs to Autologic Diagnostics after a software engineer has requested them to help you with a vehicle diagnostic query.

When you have created a data log of the communication between Autologic and the ECU of a vehicle’s system, follow these steps to upload the data log to Autologic Diagnostics using the Autolink software:

1. Connect your Autologic to your PC (see Section 3.4).
2. Click on the Logs icon in the Autolink top menu bar.
   
   If data logs are stored on the Autologic that is connected to your PC, Autolink displays a Logs screen with the number of logs stored on the Autologic.
NOTE: If no data logs are stored on the Autologic connected to your PC a message appears “No logs found on unit Axxxxxx” (where xxxxxx is the serial number of the unit).

3. Enter a covering note in the Reason for sending field and enter your contact details in the other fields to give enough information about the data log you intend to upload to Autologic Diagnostics, such as the reason why you sent the log, the VIN, etc. (see below).

4. Press the [Send logs] button.

Autolink prepares the data logs and displays a “Preparing logs, please wait...” message. When Autolink has uploaded all of the data logs you selected that are stored on the Autologic, a “Successfully sent logs to Autologic Diagnostics" message appears.

Autolink automatically deletes all of the logs that are stored on your Autologic after you have sent them to Autologic Diagnostics and it resets the counter for the logs in the Autolink Logs screen.
5.7 Ordering specific ECU Flash programming files

The vehicle manufacturer software will, if necessary, create a software order request on the Autologic and tell you that you must use Autolink to send it to the Autologic Diagnostics’ server.

Follow these steps to send a software order request:

1. Connect your Autologic to your PC.

2. Click on the Orders icon in the Autolink top menu bar.

   Autolink automatically displays the order requests that are stored on your Autologic (see sample below).

3. Click the checkbox for the order requests that you want to send to the Autologic Diagnostics’ server.

4. Press the [Send Orders] button.

   Autolink sends the software request, displays a “Successfully sent orders to Autologic Diagnostics” message and adds the date and time to each request that you have sent.

5. Log into the Autologic Diagnostics’ website and navigate to the My Files area.

   After a period of time (usually no longer than 20 minutes) a software update containing the ECU Flash programming file appears on the webpage.

6. Download and update the ECU Flash programming file onto your Autologic.

7. Continue with the ECU Flash programming procedure.

8. Delete the order for the ECU Flash programming file from your Autologic.
5.8 **Changing Autolink settings**

This section explains how to change the following settings in the *Autolink* software application:

- Change the language on the *Autolink* screens
- Add your company logo and your company information to the page headings on images and reports that you print
- Change the way that *Autolink* communicates with your *Autologic*
- Import *HOST* screen captures (USI files) into *Autolink*
- Check if your PC has the latest version of the *Autolink* software installed

5.8.1 **Changing the language**

Follow these steps to change the language that *Autolink* uses to display text on the screen:

1. Click on the Settings icon in the *Autolink* top menu bar.
2. Select the language that you want to use from the drop-down list below the Language heading.
3. Click the Save Changes option (with a disk icon) at the top of the screen below the *Autolink* logo to save your changes to the *Autolink* system.

5.8.2 **Adding your company logo and company information**

You can use *Autolink* to add the following information about your company or organisation so that *Autolink* will print this information at the top of the page when you print out a report or an image that you captured from your *Autologic*:

- Company logo or image
- Company name
- Company address, telephone and any other important details
- Company email address

Follow these steps to add your company details to reports and images that you have captured when you print them out using *Autolink*:

1. Click on the Settings icon in the *Autolink* top menu bar.
2. Click on the Company Info option in the Settings menu.

*Autolink* displays the Company Info screen. This shows the *Autologic* logo that you can replace together with three empty fields for you to enter your company’s details (see below).
3. Type your company name, address, telephone number and email address in the empty fields of the **Company Info** screen.

4. If you want to add your own company logo or image, press the [Change logo] button and then select the file for the image from the folder that stores it on your PC.

5. Click the **Save Changes** option (with a disk icon) at the top of the screen below the **Autolink** logo to save your changes to the **Autolink** system.

   **Autolink** saves the changes you made to the company information.

### 5.8.3 Changing your PC connection in Autolink

The **Autolink** software communicates with your **Autologic** using one of the following connections:

- Serial cable
- Universal Serial Bus (USB)
- Network (WiFi or Ethernet)

If you are using a USB **Autologic** (from and including serial number 4000) with a WiFi connection to your PC, you need to follow these steps so that you can download software from the Autologic Diagnostics' website onto your **Autologic**:

You can change the way that **Autolink** connects with your **Autologic** as follows:

1. Click on the Settings icon in the **Autolink** top menu bar.

2. Click on the **Connections** option in the **Settings** menu.

   A list of three connections appears with tick boxes that you can select to tell **Autolink** which connection you want to use to communicate with your **Autologic**.
3. Tick the correct box for the connection you want to use as follows:
   - If you use a Serial connection from your PC to your Autologic, tick the RS232 box.
   - If you use a USB connection from your PC to your Autologic, tick the USB box.
   - If you use a WiFi or Ethernet connection from your PC to your Autologic, tick the Network box and then configure your PC’s firewall to allow UDP port 2020 (see subsection 3.7.3).

4. Click the Save Changes option (with a disk icon) at the top of the screen below the Autolink logo to save your changes to the Autolink system.

5.8.4 Importing HOST images (USI files) to your PC

If you imported images to your PC using the HOST software, any files that are saved on your Autologic or PC are saved as USI files with a USI file extension. You can use Autolink to import your old USI files.

![NOTE: The HOST software was used before Autolink. Autolink replaced the HOST software and support for the HOST software stopped from 2010.

Follow these steps to import images that are saved as USI files:

1. Click on the Settings icon in the Autolink top menu bar.
2. Click on the Import option in the Settings menu.
   
   An Import screen appears with two options that you can use to import USI files.

   ![NOTE: Autolink detects if there are any USI files stored on your PC and highlights the upper [Import] button if any exist. If they do not exist the [Import] button is not highlighted.

3. To import USI files created by the HOST software, click the upper [Import] button.
   
   Autolink imports all the USI files stored in the folder on your Autologic.

4. To import USI files from a folder set up on your PC, click the [Select Folder] button, then use Windows Explorer to browse for the folder on your PC that stores the USI files.

5. Select the USI files you want to import, and then click the lower [Import] button.
   
   Autolink imports all the USI files from the folder you selected to the folder that is set up on your PC.
5.8.5 Checking and downloading the latest Autolink version

Follow these to check if your PC has the latest version of the Autolink software installed and to download the latest version:

1. Click the Settings icon in the Autolink top menu bar.

2. Click the “Check for update” icon at the top of the screen.

If your PC has the latest version of Autolink installed, the system tells you that it is up to date and it gives you the current version number.

If an update to Autolink is available and it is not yet installed on your PC, Autolink displays the Autolink Update found screen.

3. Click the [Download and install] button.

4. Follow the Autolink Setup Wizard instructions.

Autolink downloads the latest version on your PC.

![Autolink Update found](image)

NOTE: When you run the Autolink software, the system checks if you have the latest version of Autolink installed on your PC. If you do not have the latest version, the system displays the message below so you can update your Autolink software.