



# **Introduction to the Autologic Vehicle Diagnostic Tool**

## **User Instructions**

Version 4.0  
Issued April 2012

*For the latest version of this document see  
[www.autologic.com](http://www.autologic.com)*

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# 1. Introduction

## 1.1 Conventions used in this document

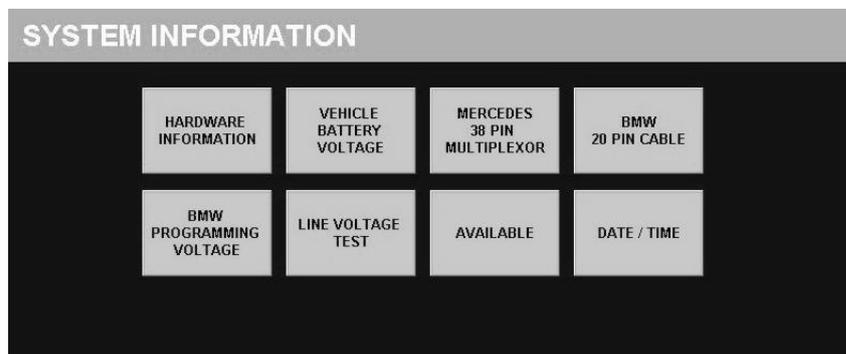
Throughout this document we use different styles of text called document conventions to show the different items that you see on the *Autologic* screen and when you use the Autologic Diagnostics' website and *Autologic* software such as *Autolink*.

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.

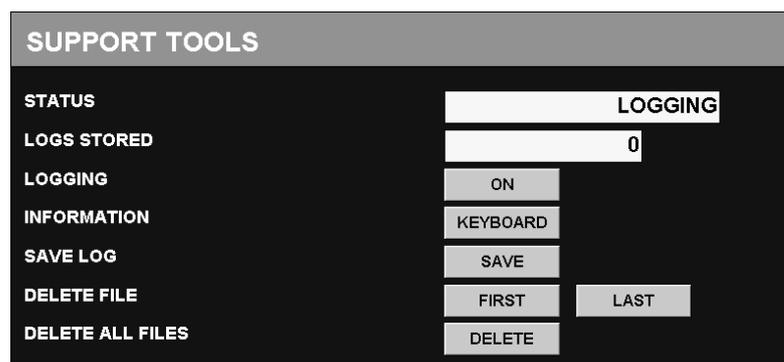


When we ask you to select one of the main options (large buttons) on the *Autologic* screen, we put its name in capital letters and in square brackets. For example, if we want you to select the HARDWARE INFORMATION button on the SYSTEM INFORMATION screen (shown above) we say:

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.



### 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)

The screenshot shows the Autologic User Area website. At the top right, it says "Call your local distributor: +44(0)1865 870050" and "Autologic User Area". Below this, it says "YOU ARE LOGGED IN AS JIM LOGOUT". The navigation menu includes: Home/Products, Technical Support and Training, Information Downloads, Company Overview, News and Events, Distributor Locator, and Contact Us. On the left, there is a sidebar menu with options: My Files, General, BMW, Citroen and Peugeot, Jaguar, Land Rover, Mercedes-Benz, Porsche, Renault, VAG, Volvo, OBd-II/EOBD, Support, and WiFi. An arrow points to the "General" link in the sidebar. In the main content area, there is a heading "Autologic User Area: General" and an image of the Autologic diagnostic tool. Below the image is a table titled "Latest" with columns "NAME" and "DESCRIPTION".

NAME	DESCRIPTION
<u>MAIN383</u>	Latest update for MAIN software. 19/03/2012
<u>AUTOLINKSETUP</u>	PC software to organise Autologic screen captures and reports, send logs and orders (programming requests). See the forum for more details and to post comments. <a href="http://forum.autologic.com">forum.autologic.com</a> Version: 6.1.40.0 Release date: 21/03/2012
<u>USB_DRIVER</u>	Required to update Autologics via USB with serial numbers between A004000 and A007197

Below the "Latest" table is a "Documents" section with columns "NAME" and "DESCRIPTION".

NAME	DESCRIPTION
<u>AUTOLOGIC_USER_MANUAL_V3.PDF</u>	Introduction to the Autologic Vehicle Diagnostics Tool Version 3.0 Released: 12th November 2010
<u>AUTOLOGIC_LOGO.ZIP</u>	Zip file containing Autologic logo bitmap

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.

Symbol	Description
	<p><b>WARNING!</b> <b>THIS IS A WARNING SYMBOL.</b></p> <p><b>WARNINGS MEAN THAT FAILURE TO FOLLOW SPECIFIC PRACTICES AND PROCEDURES MAY HAVE MAJOR CONSEQUENCES SUCH AS INJURY OR DEATH.</b></p>
	<p><b>ELECTRICAL WARNING!</b> <b>THIS IS AN ELECTRICAL WARNING SYMBOL.</b></p> <p><b>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.</b></p>
	<p><b>CAUTION!</b> <b>This is a Caution symbol.</b></p> <p><b>Cautions give information about procedures that, if not observed, could result in damage to equipment or corruption to and loss of data.</b></p>
	<p><b>NOTE: This is a Note symbol.</b></p> <p><b>Notes give additional and important information, hints and tips that help you to use your product.</b></p>

## 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>

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

Call your local distributor: +44(0)1865 870050

Request more Information

USER LOGIN Username: \*\*\*\*\* GO REGISTER

Home/Products Technical Support and Training Information Downloads Company Overview News and Events Distributor Locator Contact Us

**The Autologic Solution**

- BMW Diagnostics
- LAND ROVER Diagnostics
- JAGUAR Diagnostics
- MERCEDES-BENZ Diagnostics
- PORSCHE Diagnostics
- VAG Diagnostics
- VOLVO Diagnostics
- PSA/RENAULT Diagnostics

**Performance Tuning Solution**

- BMW Performance Tunes
- LAND ROVER Performance Tunes
- JAGUAR Performance Tunes
- MERCEDES-BENZ Performance Tunes
- PORSCHE Performance Tunes

**Accessories**

- Cables
- Autologic Optical Interface
- Frontus Battery Support Unit and Charger

**The Autologic Solution...**

Autologic provides independent garages with a dealer-level diagnostic solution for specialist brands

**Autologic offers**

- Complete coverage >
- On-line software updates >
- One year free Master Technician support >
- One year warranty >
- Cost effective >
- Software available independently or as multiple packages >

**...Time to specialise**

The Autologic Solution from Autologic Diagnostics Ltd is a holistic approach to vehicle diagnostics for independent garages.

Dealer-level software for eight premium vehicle manufacturers is combined with unrivalled technical support from Master Technicians and specialist software engineers. The Autologic Solution gives independent garages the confidence to undertake any service and repair work required and enables independent garages to specialise without having to involve the dealer or call in outside help.

### 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.

Call your local distributor: +44(0)1865 870050

Request more Information

USER LOGIN Username: \*\*\*\*\* GO REGISTER

Company Overview News and Events Distributor Locator Contact Us

The **User Login** page appears.

Call your local distributor: **+44(0)1865 870050**  
Thursday 12 January 2012

Home/Products | Technical Support and Training | Information Downloads | Company Overview | News and Events | Distributor Locator | Contact Us

## User Login

You must login to use this site

**Sign in to your account**

Username:   
Password:

**New customer? Register now**  
If you have not yet registered please click [here](#)

3. Click the [here](#) link at the end of the instruction below the **New Customer? Register now** heading.
4. The **Register** page appears.

Call your local distributor: **+44(0)1865 870050**  
**Autologic User Area**  
THURSDAY 12 JANUARY 2012

Home/Products | Technical Support and Training | Information Downloads | Company Overview | News and Events | Distributor Locator | Contact Us

## Register

If you are a new customer and have not yet registered for access to the Autologic Customer Area, you can do so by filling in the form on this page. If you have already registered, please [login](#). If you are not yet an Autologic customer, find out more on the [Autologic Homepage](#).

Fields marked with an \* are required

First name\*   
Surname\*   
Company name\*   
Address\*   
  
Town   
Region   
Country   
Postcode\*   
Telephone number\*   
Fax number   
Email address\*   
Autologic Serial number\*   
Username\*   
Password\*   
Retype password\*   
I have read and accept the [terms and conditions](#)\*

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.

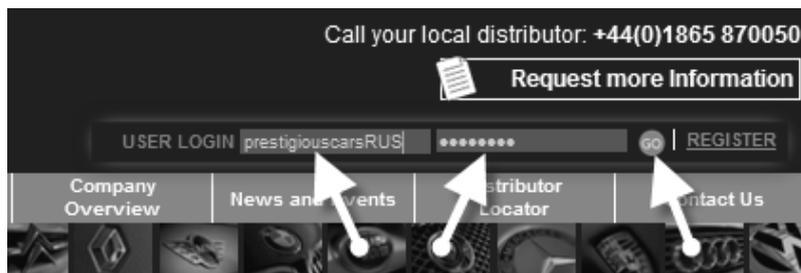
When you have submitted your registration details, Autologic Diagnostics will contact you by email to confirm your registration as an authorised user.

## 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).

Call your local distributor: **+44(0)1865 870050**

**Autologic User Area**

YOU ARE LOGGED IN AS JIM. **LOGOUT**

**Autologic User Area: General**

**Latest**

NAME	DESCRIPTION
<a href="#">MAIN383</a>	Latest update for MAIN software. 19/03/2012
<a href="#">AUTOLINKSETUP</a>	PC software to organise Autologic screen captures and reports, send logs and orders (programming requests). See the forum for more details and to post comments. <a href="http://forum.autologic.com">forum.autologic.com</a> Version: 6.1.40.0 Release date: 21/03/2012
<a href="#">USB_DRIVER</a>	Required to update Autologics via USB with serial numbers between A004000 and A007197

**Documents**

NAME	DESCRIPTION
<a href="#">AUTOLOGIC_USER_MANUAL_V3.PDF</a>	Introduction to the Autologic Vehicle Diagnostics Tool Version 3.0 Released: 12th November 2010
<a href="#">AUTOLOGIC_LOGO.ZIP</a>	Zip file containing Autologic logo bitmap

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).



Call your local distributor: **+44(0)1865 870050**

**Autologic User Area**

YOU ARE LOGGED IN AS NASMO25. **LOGOUT**

Home/Products
Technical Support and Training
Information Downloads
Company Overview
News and Events
Distributor Locator
Contact Us

General

---

BMW

---

Citroen and Peugeot

---

Jaguar

---

**Land Rover**

---

Mercedes-Benz

---

Porsche

---

Renault

---

VAG

---

Volvo

---



---

OBD-III/EOBD

---

Support

---

WiFi



## Autologic User Area: Land Rover

Maintenance for Land Rover software expired on 16th March 2012 for unit A007444

**Latest**

NAME	DESCRIPTION
<a href="#">LR93</a>	Latest update for Land Rover Software. 26/03/2012

**Miscellaneous**

NAME	DESCRIPTION
<a href="#">PG_TDVX_030</a>	Programming data and Performance Tunes for 2.7L TDV6 and 3.6L TDV8 engines, L322 2007-2010, Discovery 3, Discovery 4, L320 Sport 2006-2010. 24/01/2012
<a href="#">PG_TD6_023</a>	Programming data and Performance Tunes for L322 Range Rover TD6 (09/09/2009).
<a href="#">PG_TD5_023</a>	Programming data and Performance Tunes for Defender & Discovery 2 TD5 12/10/2010
<a href="#">PG_TD4_027</a>	Programming data and Performance Tunes for Freelander 1 TD4 12/10/2010
<a href="#">PG_RR3V8_023</a>	Programming data for Motronic 7.2 L322 Range Rover Petrol Engine ECUs (19/05/2010).

### 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.

GENERAL		TOPICS	POSTS	LAST POST
	<b>Announcements</b> Moderator: Autologic Diagnostics Ltd	11	14	by karen.poffley on Tue Jul 05, 2011 12:20 pm
	<b>General discussion</b> Non-specific vehicle related Moderator: Autologic Diagnostics Ltd	161	438	by Seanmc on Thu Jan 05, 2012 4:47 pm
	<b>Training</b> Moderator: Autologic Diagnostics Ltd	39	255	by jamesvaughn on Fri Jan 06, 2012 3:08 am
	<b>Sales</b> Moderator: Autologic Diagnostics Ltd	13	17	by levin.fitzpatrick on Fri Dec 17, 2010 9:27 pm
	<b>Marketing</b> Moderator: Autologic Diagnostics Ltd	4	14	by autospark on Tue Jul 12, 2011 7:58 pm

AUTOLOGIC		TOPICS	POSTS	LAST POST
	<b>Hardware</b> Moderator: Autologic Diagnostics Ltd	127	404	by jbh1989 on Mon Dec 19, 2011 12:50 am
	<b>Autolink</b> Moderator: Autologic Diagnostics Ltd	31	158	by genmoco on Tue Jan 10, 2012 5:13 pm
	<b>Host software</b> Moderator: Autologic Diagnostics Ltd	77	269	by stephen.adams on Wed Jan 26, 2011 9:21 am

VEHICLE		TOPICS	POSTS	LAST POST
	<b>Land Rover</b> Moderator: Autologic Diagnostics Ltd	3276	11942	by diagtech on Thu Jan 12, 2012 10:57 pm
	<b>BMW</b> Moderator: Autologic Diagnostics Ltd	2286	6441	by sparkie on Fri Jan 13, 2012 9:14 am
	<b>Mini</b> Moderator: Autologic Diagnostics Ltd	76	205	by accordero on Wed Jan 11, 2012 5:06 am
	<b>Mercedes</b> Moderator: Autologic Diagnostics Ltd	1365	4425	by jim.reynolds on Fri Dec 23, 2011 1:59 pm
	<b>Jaguar</b> Moderator: Autologic Diagnostics Ltd	2159	9554	by jamesvaughn on Fri Jan 13, 2012 2:53 am
	<b>Volvo</b> Moderator: Autologic Diagnostics Ltd	602	1674	by j-gunthn on Wed Nov 30, 2011 3:11 pm
	<b>Porsche</b> Moderator: Autologic Diagnostics Ltd	56	150	by caleb.pacheco on Mon Nov 21, 2011 6:24 pm
	<b>VAG</b> Moderator: Autologic Diagnostics Ltd	215	743	by KAI on Fri Jan 13, 2012 9:30 am
	<b>French</b> Citroën, Renault and Peugeot Moderator: Autologic Diagnostics Ltd	142	305	by mark.pendle on Wed Jan 11, 2012 2:46 pm

## 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.



2. Select the correct diagnostic cable for the vehicle you are working on.
3. Connect the diagnostic cable to the *Autologic*.



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

Serial No. Range	Type of Autologic	Available Connection Options			
		WiFi	Ethernet	USB	Serial
Up to 3999	Serial	✗	✗	✗	✓
4000 to 5692	USB	✓	✗	✓	✗
5693 to 7196	USB with Ethernet Capability	✓	✓	✓	✗
7197 to 7999	Ethernet-only	✓	✓	✗	✗
8000 onwards	8000 Unit	✓	✓	✗	✗

*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.

*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:
  - o configure the WiFi settings in the *Autolink* software,
  - o configure the firewall settings on the PC,
  - o configure the WiFi settings on the *Autologic* and, if necessary,
  - o 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:
  - o configure the WiFi settings in the *Autolink* software,
  - o configure the firewall settings on the PC and, if necessary,
  - o 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).

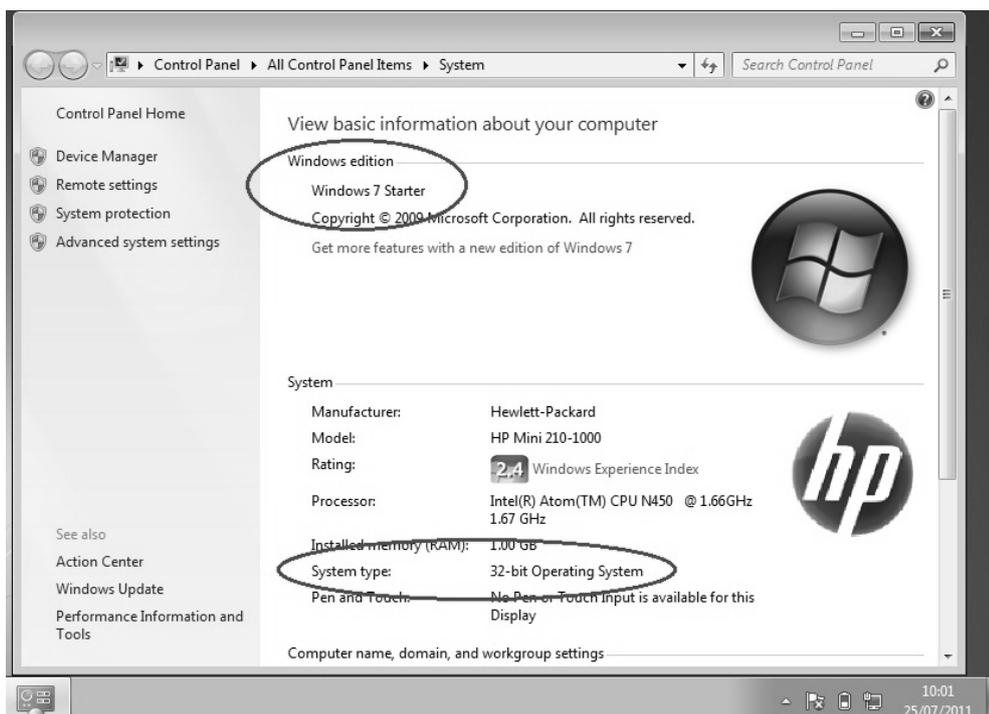


A sub-menu appears below the **Computer** or **My Computer** option.

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.

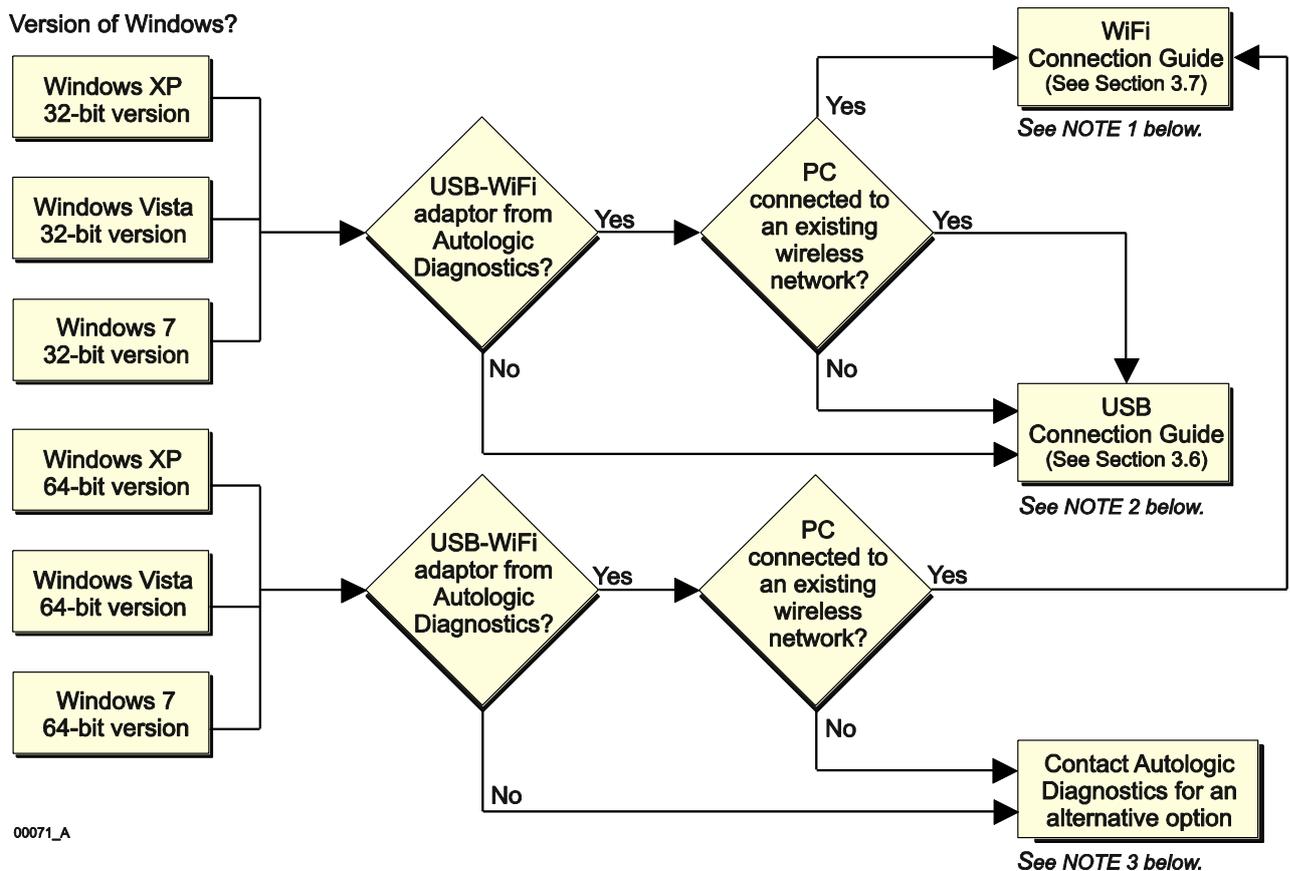
If you are in the UK and you want to buy a USB WiFi adaptor (part number WIR-1) please contact Autologic Diagnostics. If you are outside of the UK, please contact your local distributor.



### 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.



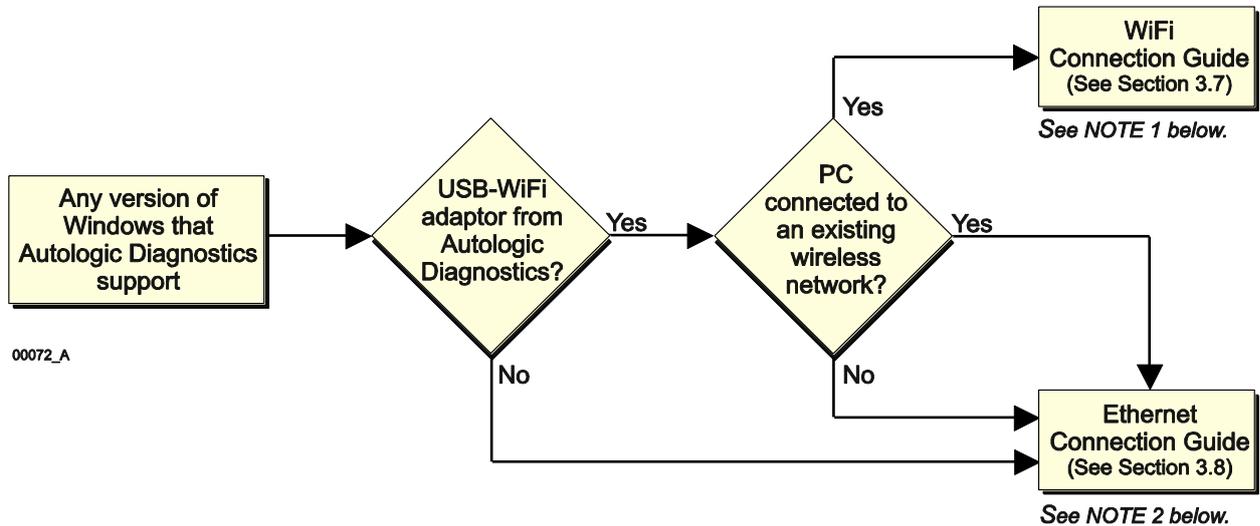
 **NOTE 1:** The WiFi connection uses the USB WiFi adaptor. This allows you to connect your *Autologic* to your PC from a distance and it can enable printing while the *Autologic* is connected to a vehicle.

 **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).

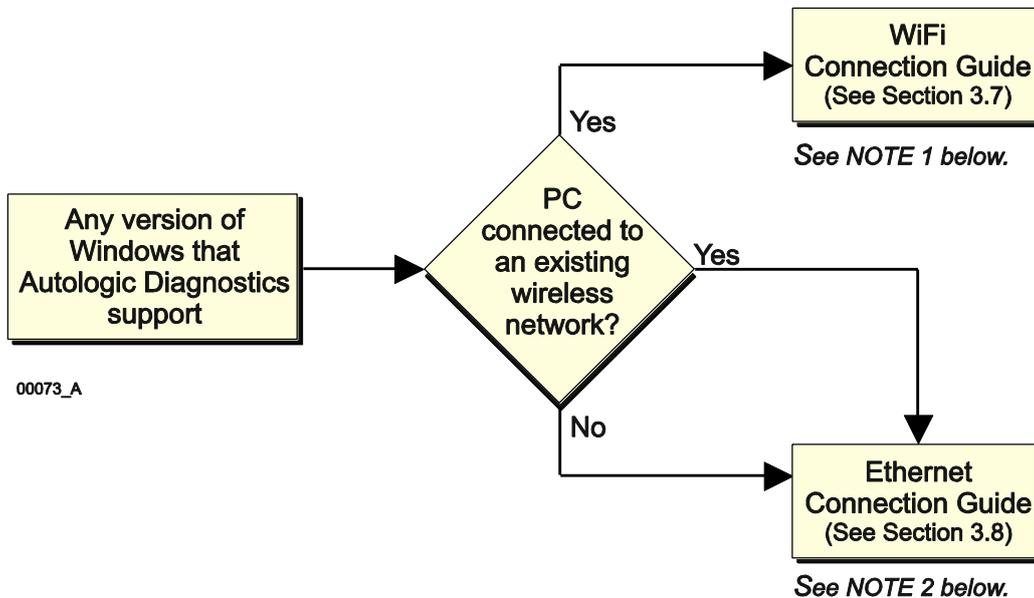


 **NOTE 1:** The WiFi connection uses the USB WiFi adaptor. This allows you to connect your *Autologic* to your PC from a distance and it can enable printing while the *Autologic* is connected to a vehicle.

 **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).



 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.


Call your local distributor: **+44(0)1865 870050**

Autologic User Area

YOU ARE LOGGED IN AS JIM [LOGOUT](#)

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Home/Products
Technical Support and Training
Information Downloads
Company Overview
News and Events
Distributor Locator
Contact Us

**My Files**

General

---

**BMW**

Citroen and Peugeot

Jaguar

Land Rover

Mercedes-Benz

Porsche

Renault

**VAG**

Volvo

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**OBD-II/EOBD**

Support

WiFi

### Autologic User Area: General



Latest	
NAME	DESCRIPTION
<a href="#"><u>MAIN383</u></a>	Latest update for MAIN software. 19/03/2012
<a href="#"><u>AUTOLINKSETUP</u></a>	PC software to organise Autologic screen captures and reports, send logs and orders (programming requests). See the forum for more details and to post comments. <a href="http://forum.autologic.com">forum.autologic.com</a> Version: 6.1.40.0 Release date: 21/03/2012
<a href="#"><u>USB_DRIVER</u></a> 	Required to update Autologics via USB with serial numbers between A004000 and A007197

Documents	
NAME	DESCRIPTION
<a href="#"><u>AUTOLOGIC_USER_MANUAL_V3.PDF</u></a>	Introduction to the Autologic Vehicle Diagnostics Tool Version 3.0 Released: 12th November 2010
<a href="#"><u>AUTOLOGIC_LOGO.ZIP</u></a>	Zip file containing Autologic logo bitmap

5. Press the [Run] button in the **File Download** window.



The **USB Driver Installation** window appears.

 **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.



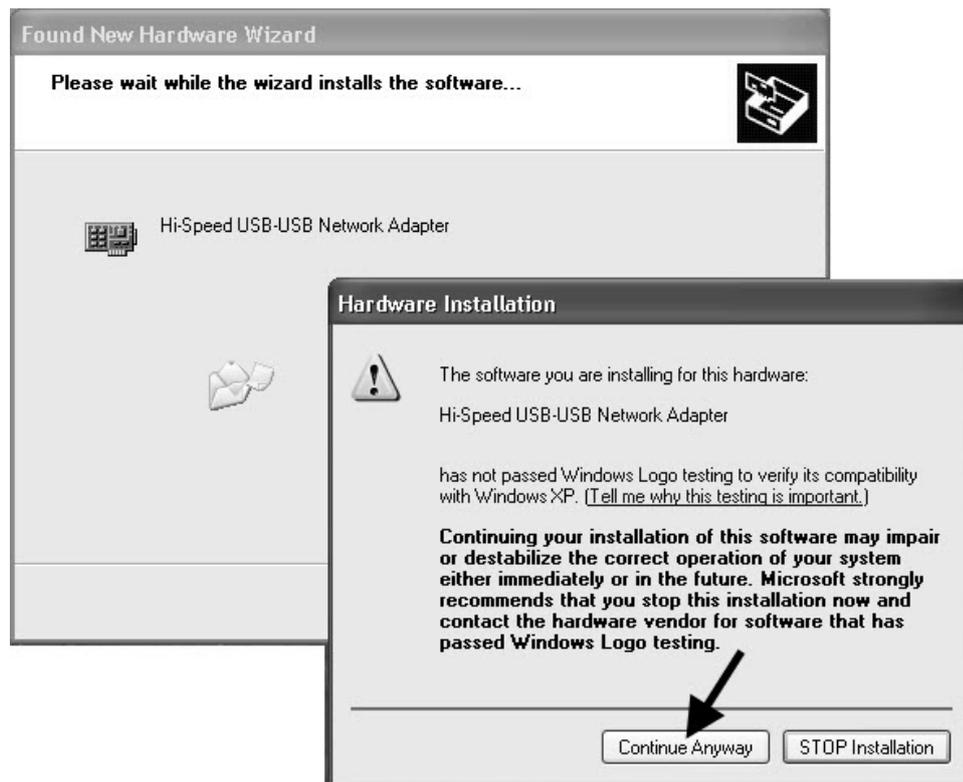
The **Found New Hardware Wizard** window changes.

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*.

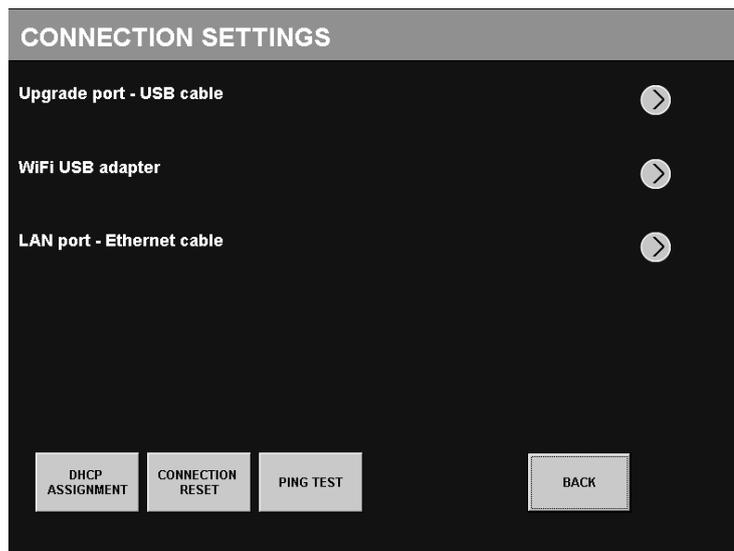
### 3.7.1 Checking if WiFi drivers are installed

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

1. Press [SYSTEM SETUP] on the *Autologic* start-up screen.
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:

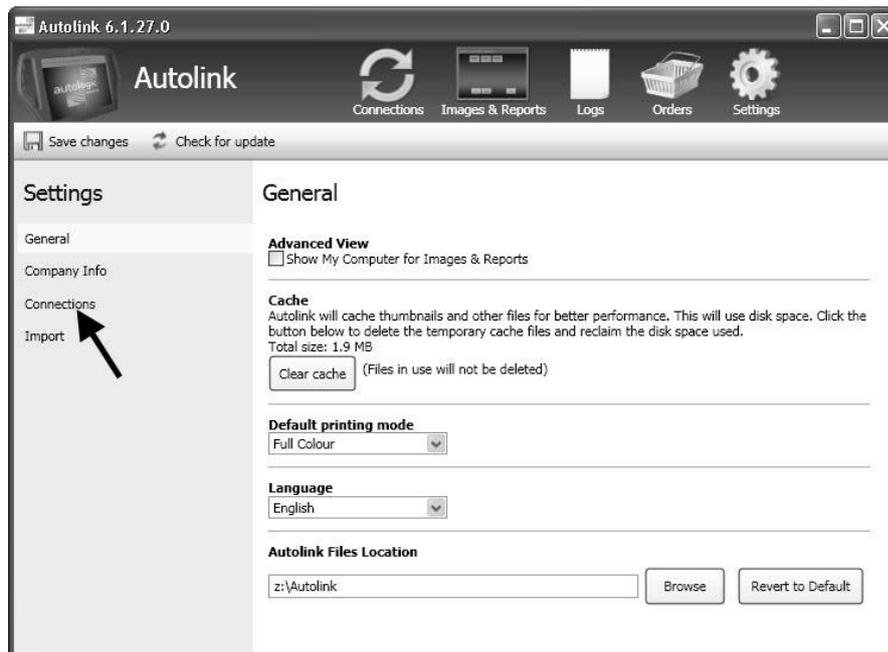
1. Double click on the *Autolink* icon on the desktop of your PC.

 **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.

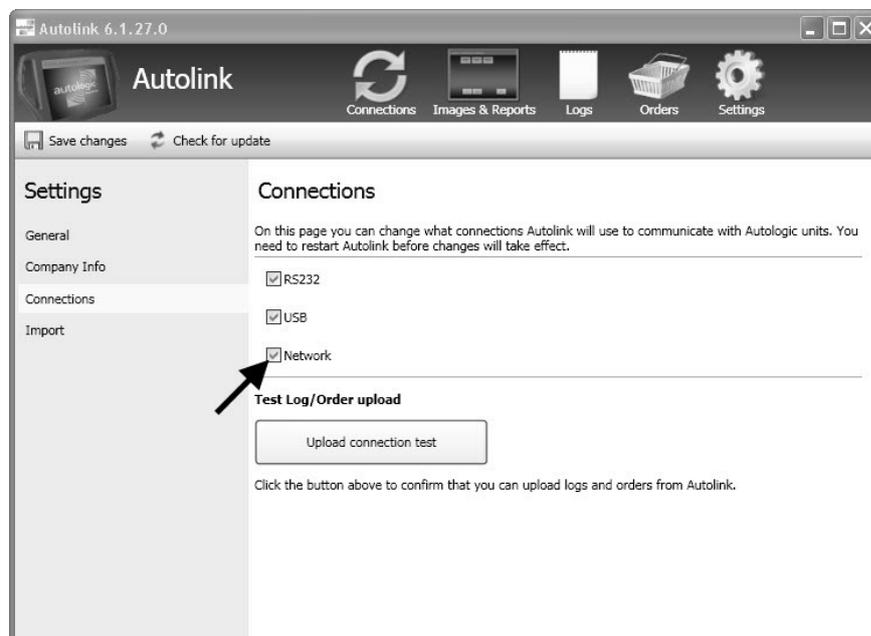


The **General** screen appears.



3. Click the **Connections** link in the left-hand column of the screen below the **Settings** heading.

The **Connections** screen appears.

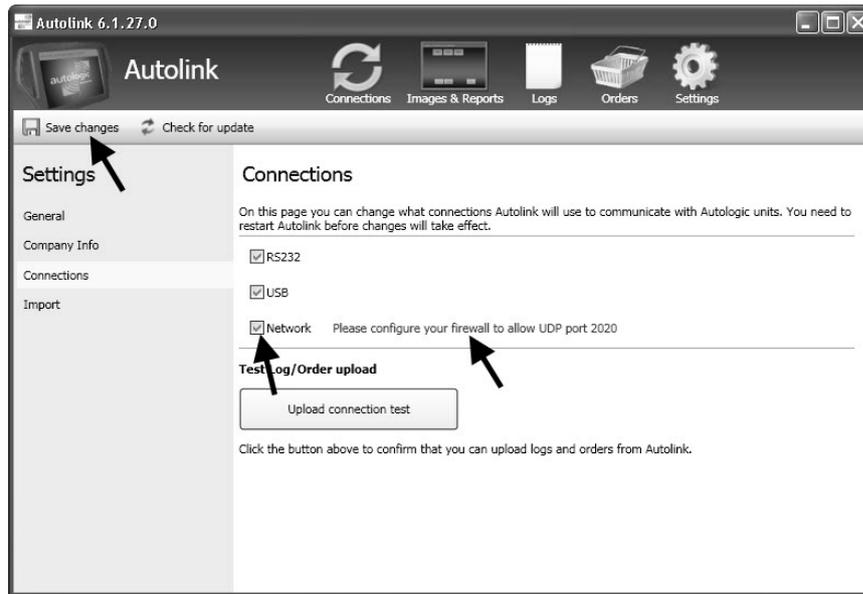


4. Tick the box next to the **Network** option on the **Connections** screen.

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.



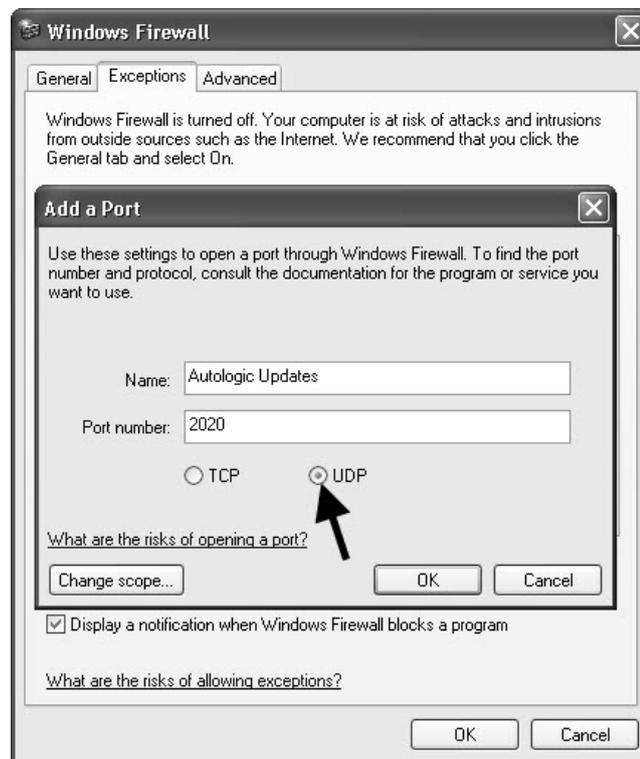
 **NOTE:** If your firewall is not configured correctly you will have to press the [Unblock] button each time you run a software update.

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].

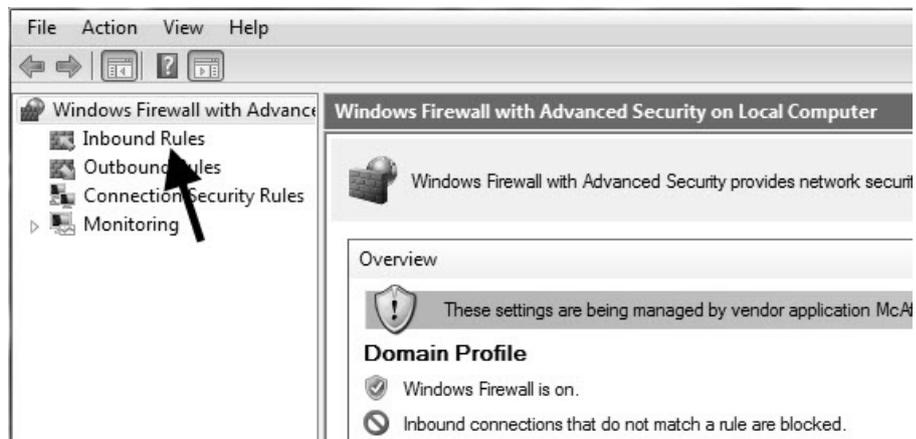


To configure your firewall for Windows 7 follow these steps:

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.

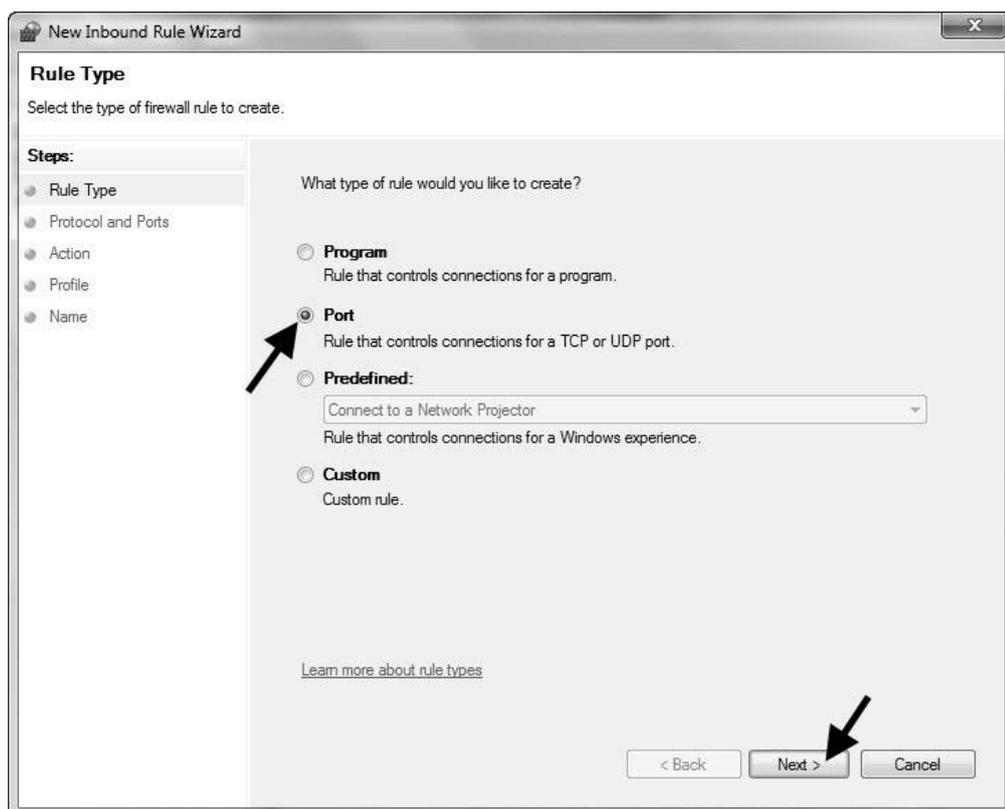


6. Click the New Rule link.



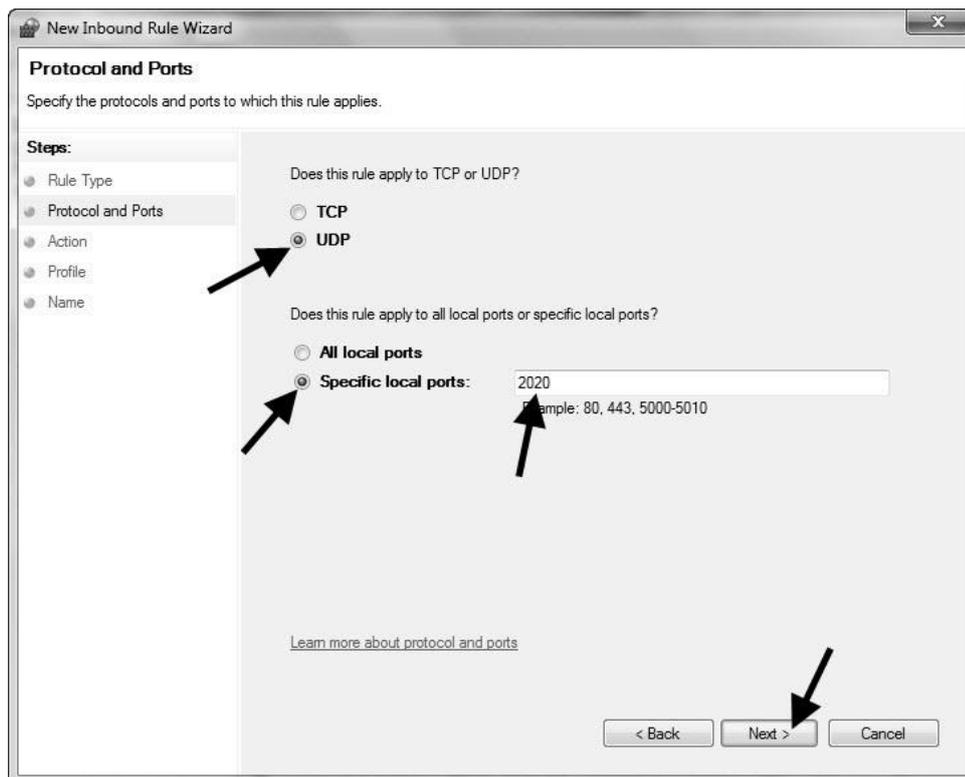
7. Tick the Port button.

8. Press the [Next] button.



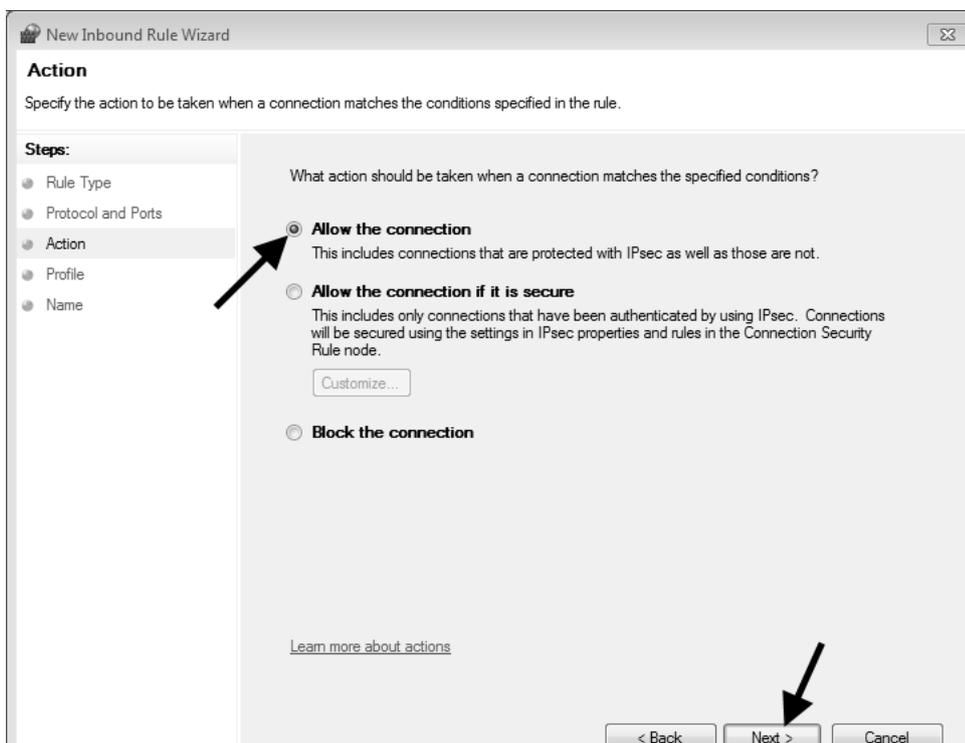
9. Tick the UDP button, tick the Specific local ports button and type 2020.

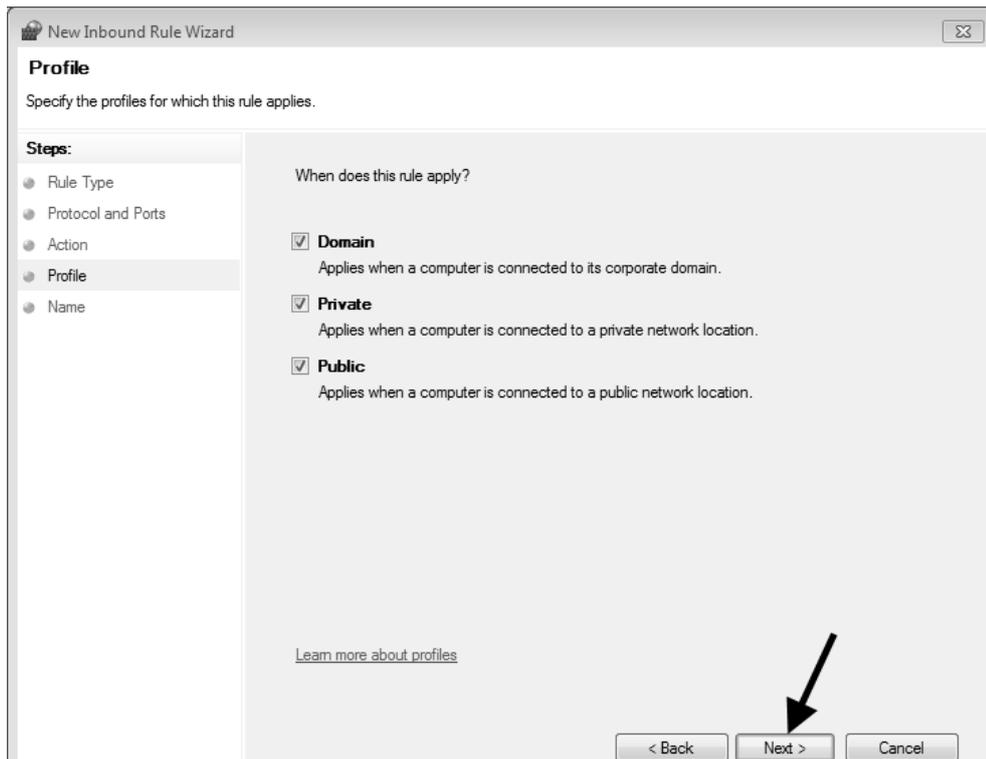
10. Press the [Next] button.



11. Allow the connection.

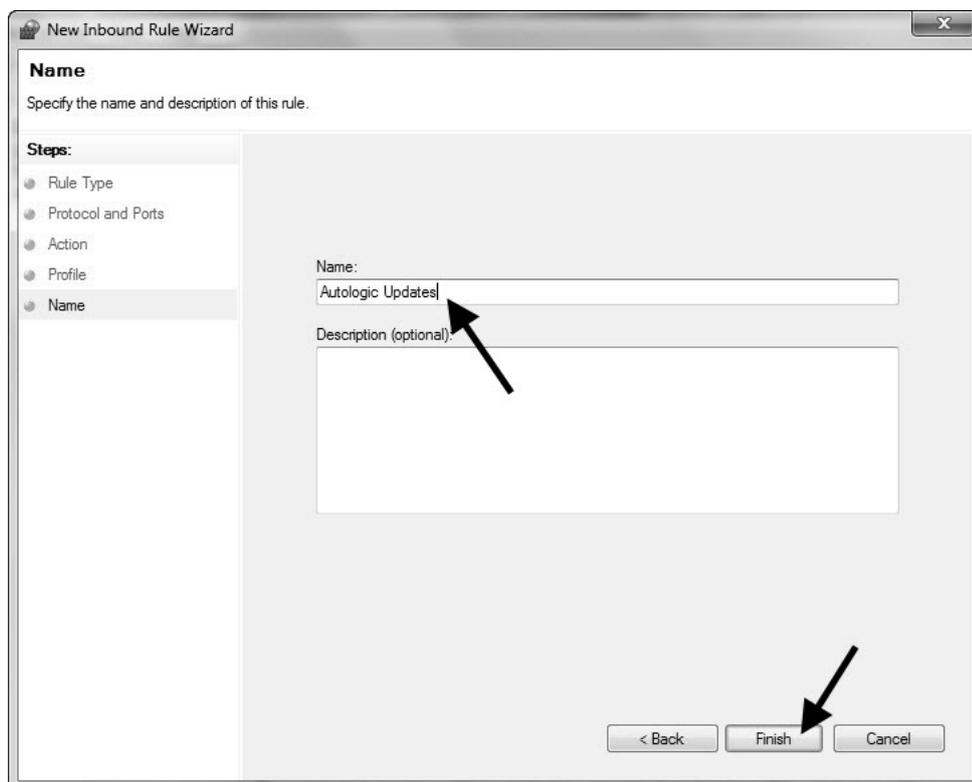
12. Press the [Next] button twice.





13. Type Autologic Updates in the name field.

14. Press the [Finish] button.



### 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*:

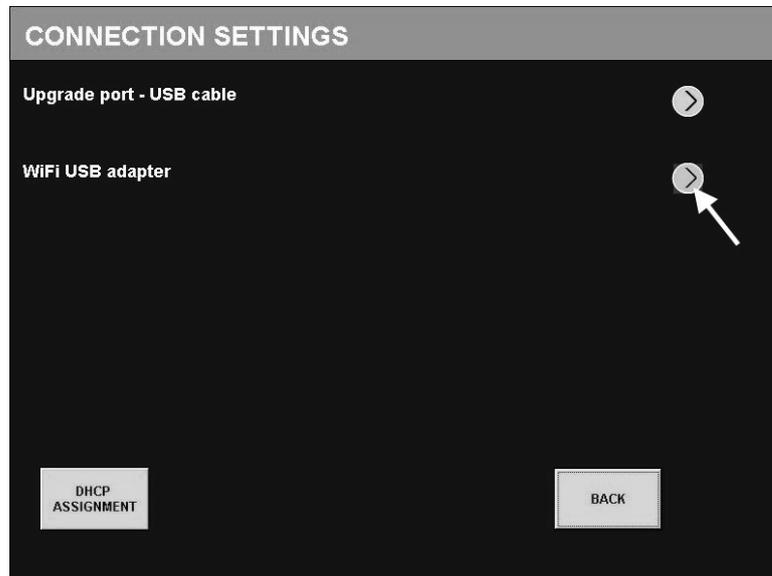
1. Plug in the USB WiFi adaptor (Part Number WIR-1) in the **USB** port on the top of your *Autologic*.



2. Switch on your *Autologic*.
3. Press [SYSTEM SETUP] in the *Autologic* start-up screen.  
The AUTOLOGIC SYSTEM MENU appears.
4. Press [CONNECTION SETTINGS] in the AUTOLOGIC SYSTEM MENU.

5. The CONNECTION SETTINGS screen appears.

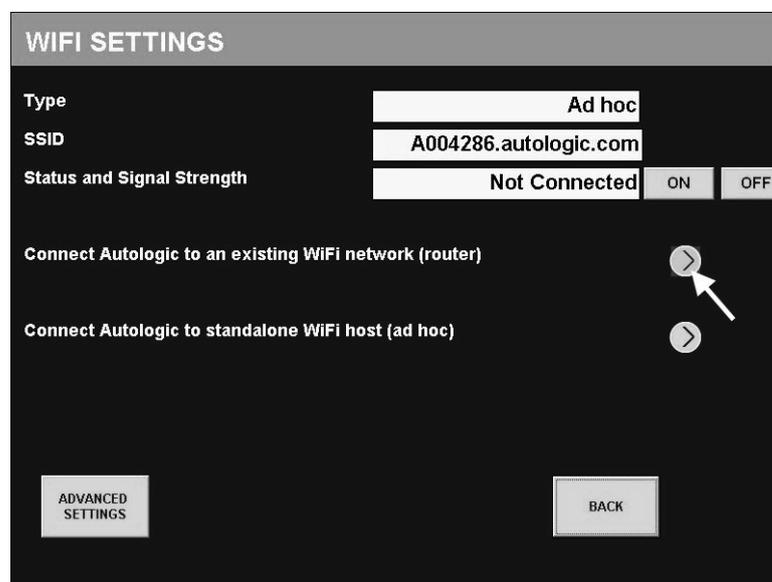
 **NOTE:** The options in the CONNECTION SETTINGS screen depend on the type of Autologic you are using.



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.

WIFI ACCESS POINT SETTINGS			
WiFi Allocation	Dynamic IP		
SSID	A004286.autologic.com	MANUAL	
Encryption	NONE	CHANGE	
Key	***	CHANGE	
Status	Not connected	ON	OFF

SCREEN CAPTURE      BACK

- Press the [MANUAL] button next to the **SSID** field.

The SSID screen appears.

SSID

NetworkName

1 2 3 4 5 6 7 8 9 0 Backspace

Q W E R T Y U I O P -

A S D F G H J K L ; +

Z X C V B N M , . / @

Shift Space ← → Delete

CLEAR      CANCEL      OK

- 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.



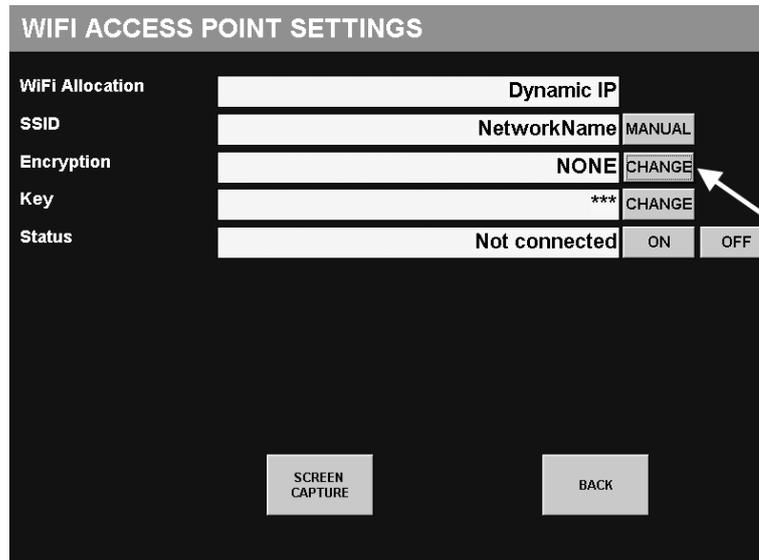
**NOTE:** Your system administrator knows your SSID.



**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.

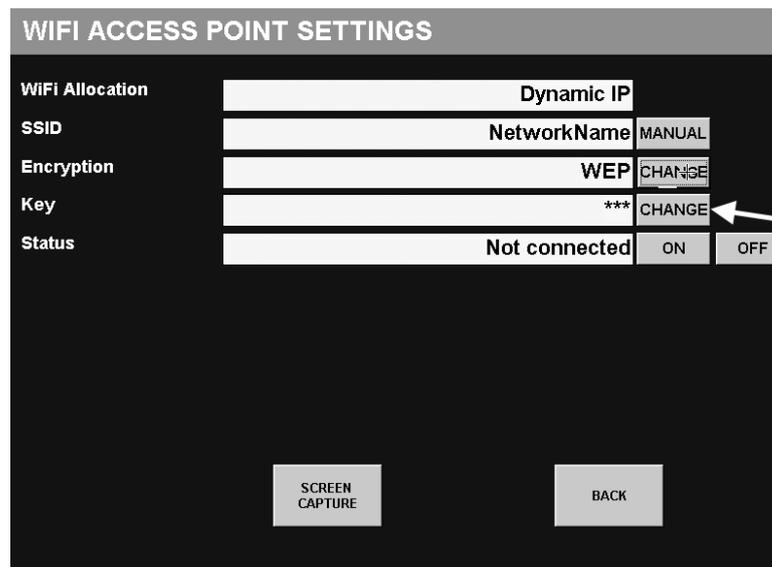


The screenshot shows the 'WIFI ACCESS POINT SETTINGS' screen. It features a table with the following fields and values:

Field	Value	Action
WiFi Allocation	Dynamic IP	
SSID	NetworkName	MANUAL
Encryption	NONE	CHANGE
Key	***	CHANGE
Status	Not connected	ON OFF

At the bottom of the screen, there are two buttons: 'SCREEN CAPTURE' and 'BACK'. An arrow points to 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.



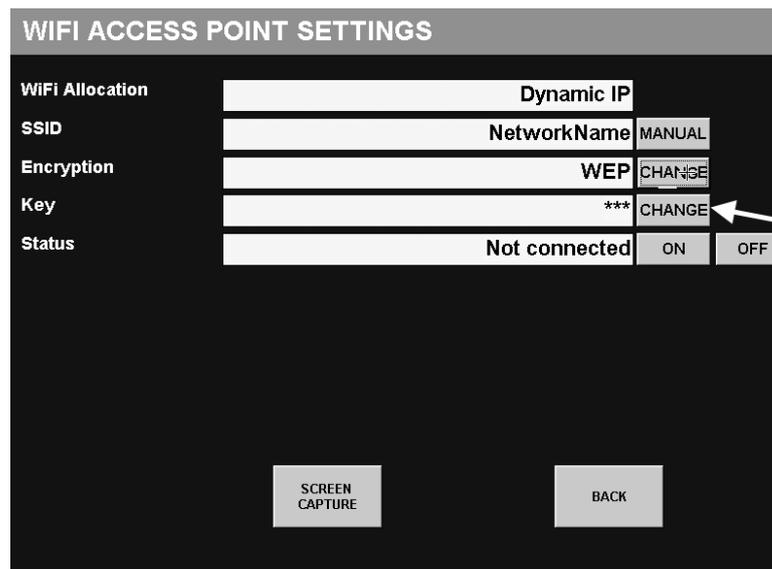
The screenshot shows the 'WIFI ACCESS POINT SETTINGS' screen after the encryption type has been changed. The 'Encryption' field now displays 'WEP' instead of 'NONE'. The 'CHANGE' button next to it is highlighted by an arrow.

Field	Value	Action
WiFi Allocation	Dynamic IP	
SSID	NetworkName	MANUAL
Encryption	WEP	CHANGE
Key	***	CHANGE
Status	Not connected	ON OFF

At the bottom of the screen, there are two buttons: 'SCREEN CAPTURE' and 'BACK'.

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.

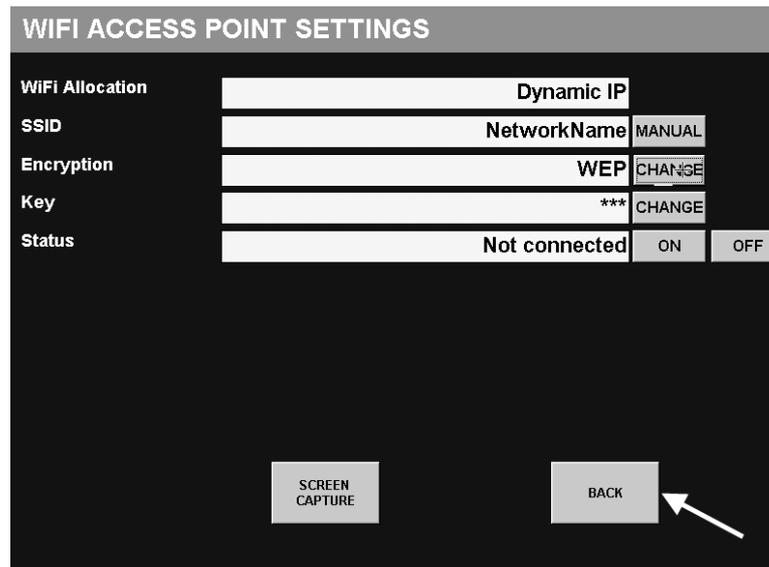


**CAUTION!** The key must match your network key exactly.



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

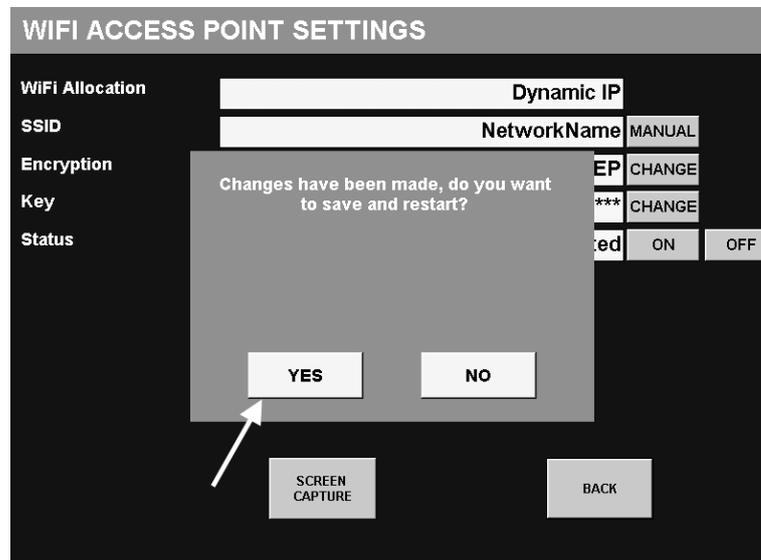
The WIFI ACCESS POINT SETTINGS screen appears.



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.

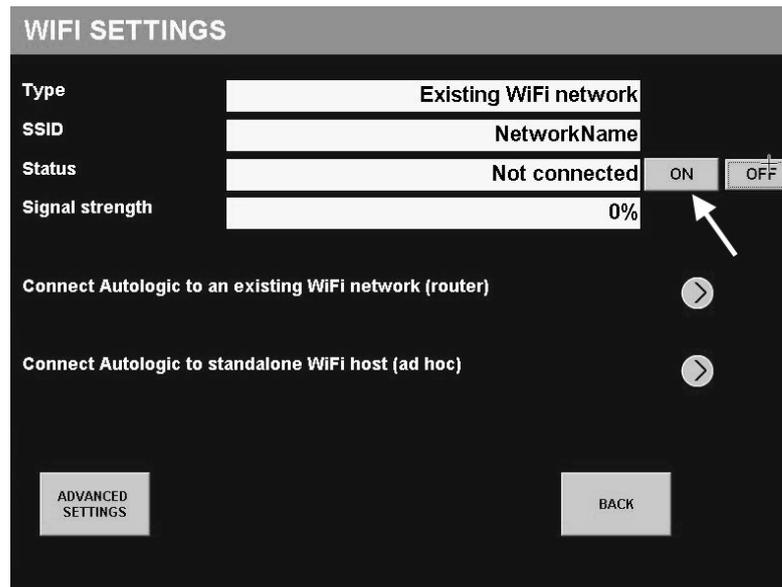
14. Press the [YES] button in the message to save the WiFi settings changes you have entered in your *Autologic*.



**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.



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.

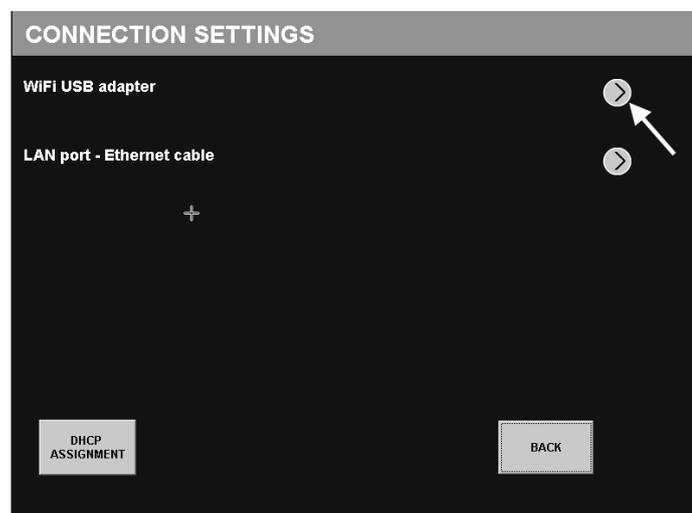
Follow these steps to configure the WiFi setup on your *Autologic*:

1. Switch on your *Autologic*.



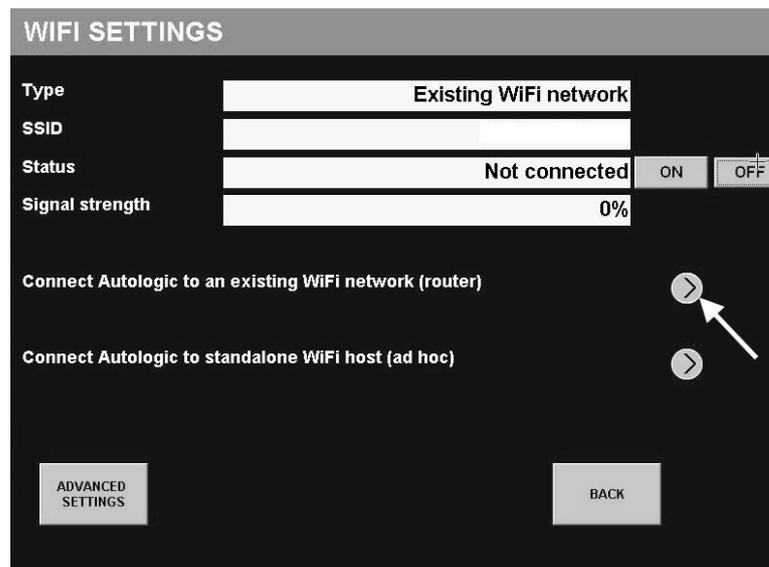
2. Press [SYSTEM SETUP] in the *Autologic* start-up screen.  
The AUTOLOGIC SYSTEM MENU appears.
3. Press [CONNECTION SETTINGS] in the AUTOLOGIC SYSTEM MENU.
4. The CONNECTION SETTINGS screen appears.

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



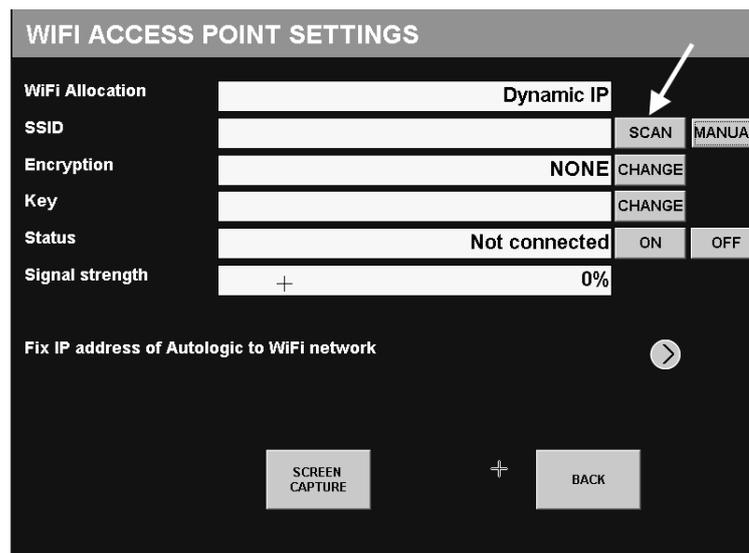
5. Select the **WiFi USB adaptor** option.

The WIFI SETTINGS screen appears.



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

The WIFI ACCESS POINT SETTINGS screen appears.

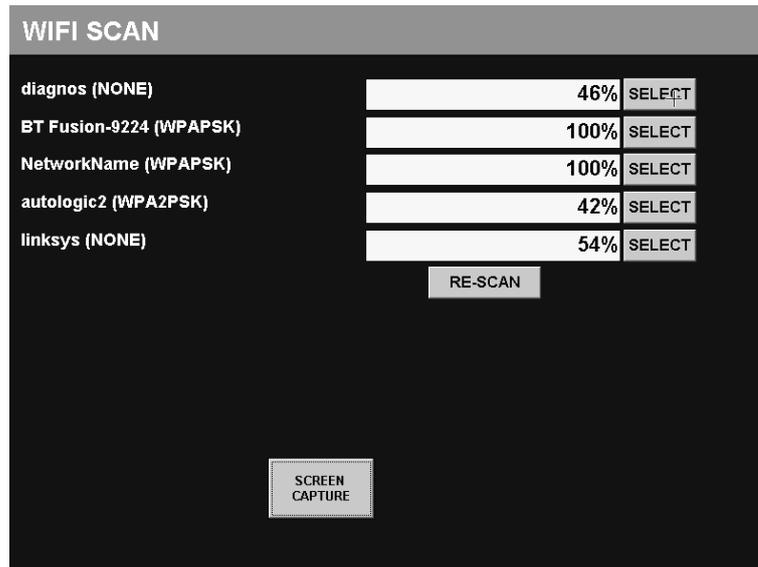


7. Press the [SCAN] button next to the **SSID** field.

 **NOTE:** Your system administrator will know your SSID.

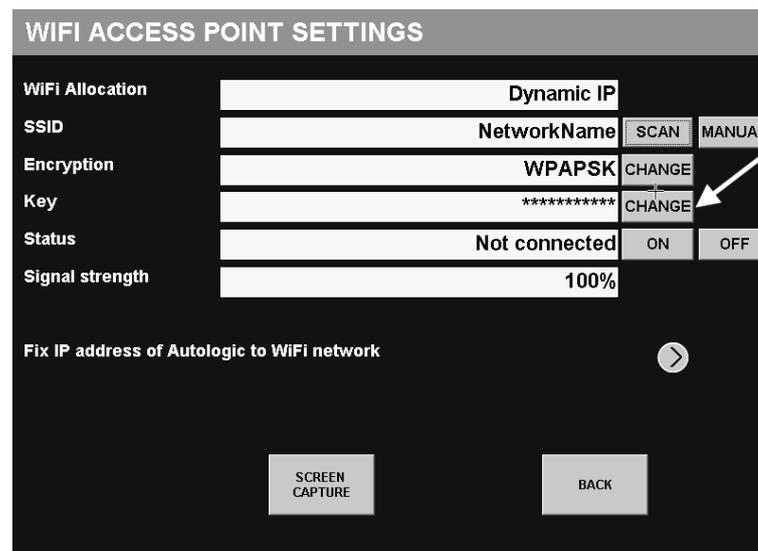
8. Press the [SCAN] button.

The WIFI SCAN screen appears and displays all of the available WiFi networks and the strength of the signal for each network.



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

The WIFI ACCESS POINT SETTINGS screen appears.



- 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.

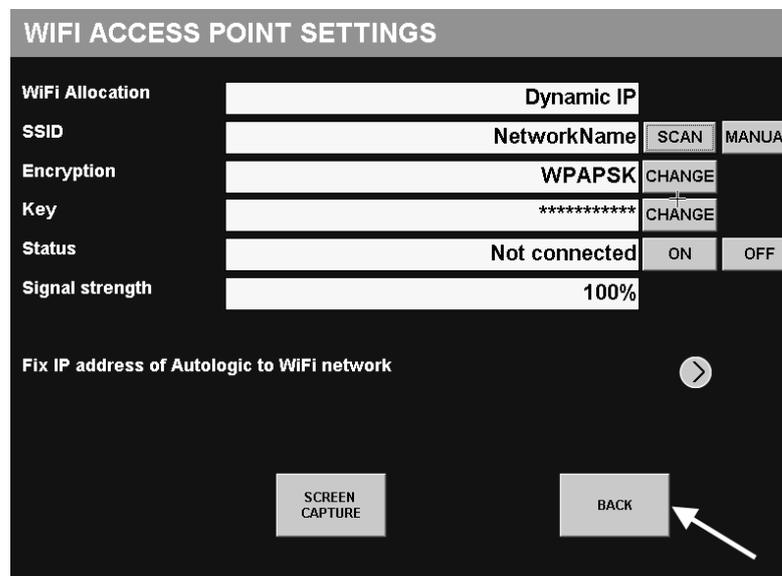


**CAUTION!** The key must match your network key exactly.



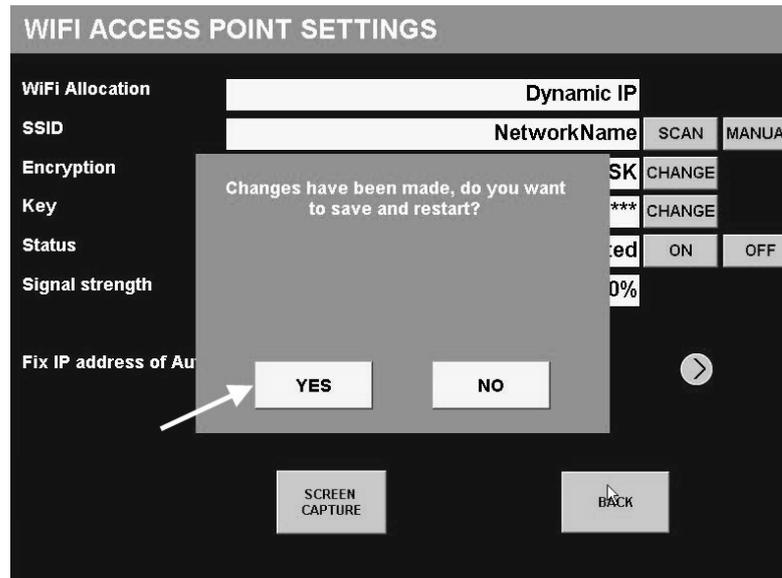
**NOTE:** Your network administrator has the details of your network key

The WIFI ACCESS POINT SETTINGS screen appears.



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

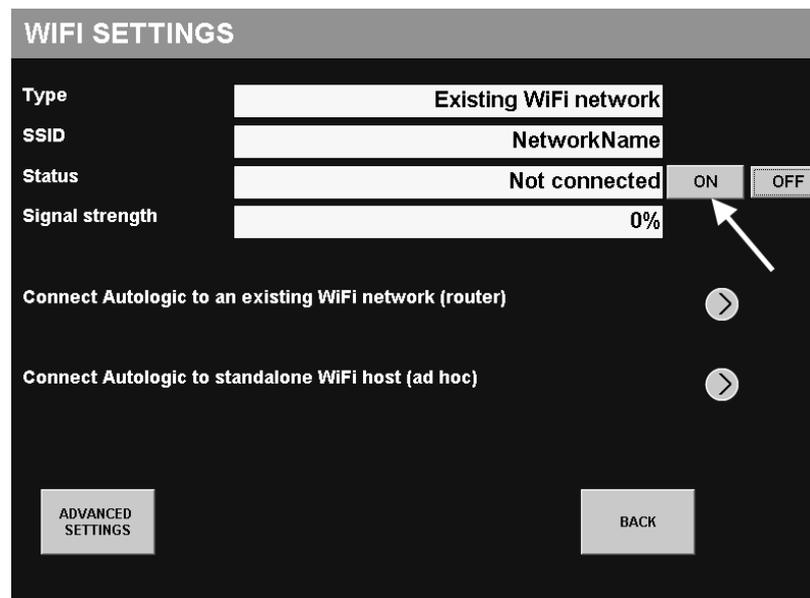
The **Changes have been made** message appears in the WIFI ACCESS POINT SETTINGS screen.



- 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.

- Turn off your *Autologic* and then turn it on to reboot it.
- Work through the steps numbered 2 through 5 above to display the WIFI SETTINGS screen again.



- 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:
  - o Network cable from the *Autologic* LAN port to a USB to Ethernet adaptor in the PC (see subsection 3.8.3)
  - o Network cable from the *Autologic* LAN port to the Ethernet connector on the PC (see subsection 3.8.3)
  - o 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**



*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.

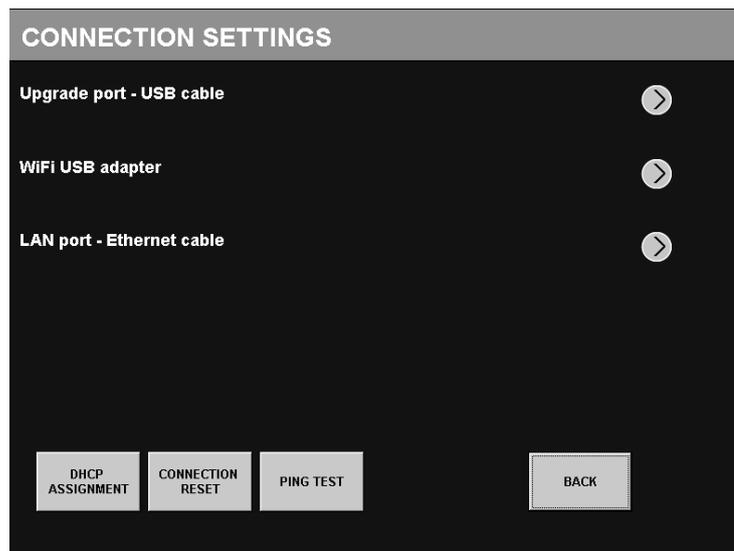
Follow these steps to connect any *Autologic* with a LAN port to a network router using a standard LAN cable (not the yellow network crossover cable that Autologic Diagnostics supplies):

1. Turn on your PC, run Windows and connect to the Internet.
2. Turn on your *Autologic* and display the start-up screen.
3. Press [SYSTEM SETUP] on the start-up screen.

The AUTOLOGIC SYSTEM MENU screen appears.

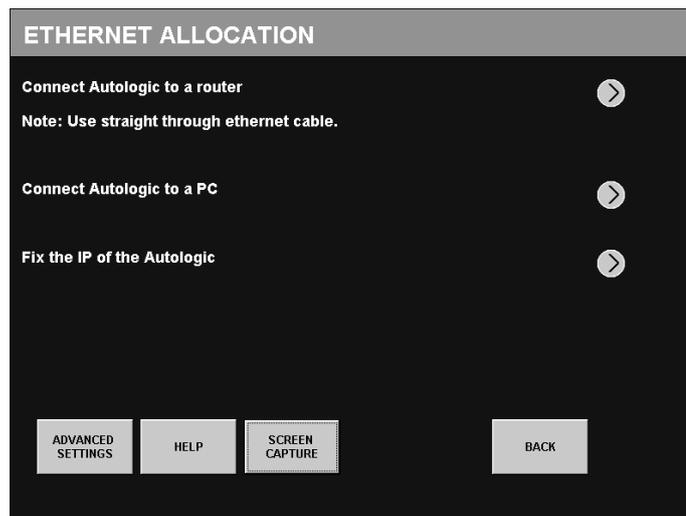
4. Press [CONNECTION SETTINGS].

The CONNECTION SETTINGS menu appears with a list of connection options (which depend on your type of *Autologic*).



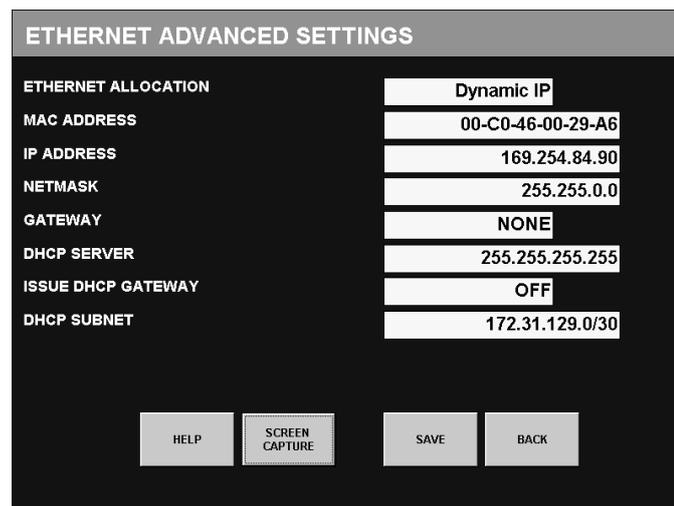
5. Select the **LAN port – Ethernet cable** connection by pressing the round button for this option.

The ETHERNET ALLOCATION screen appears.



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

The ETHERNET ADVANCED SETTINGS screen appears.



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:

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



*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:

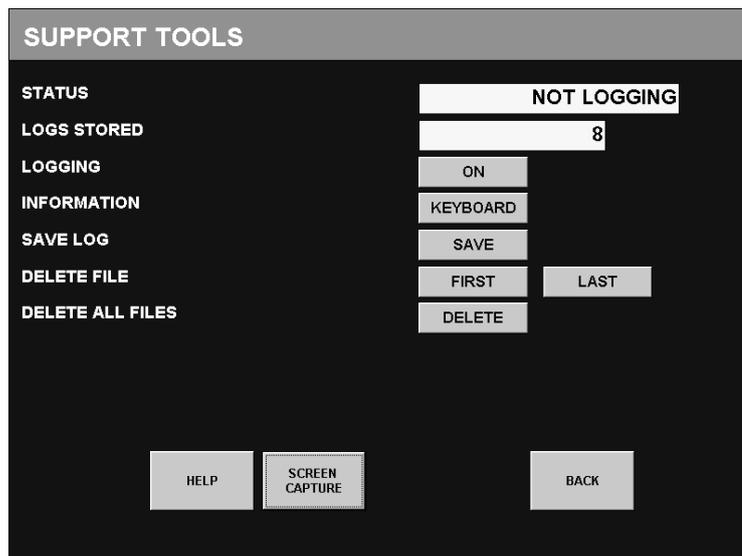
1. Display the SCREEN CAPTURE MENU.
2. Press [VIEW STORED REPORTS].  
The STORED REPORTS LIST screen appears with a list of the reports that are saved on your *Autologic*.
3. Either press the [View report] button to view a particular report in the list or of press the [Delete report] button to delete 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



The image above shows the SUPPORT TOOLS page where you put the *Autologic* into the logging mode. You must also return to this page to save the data log.

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

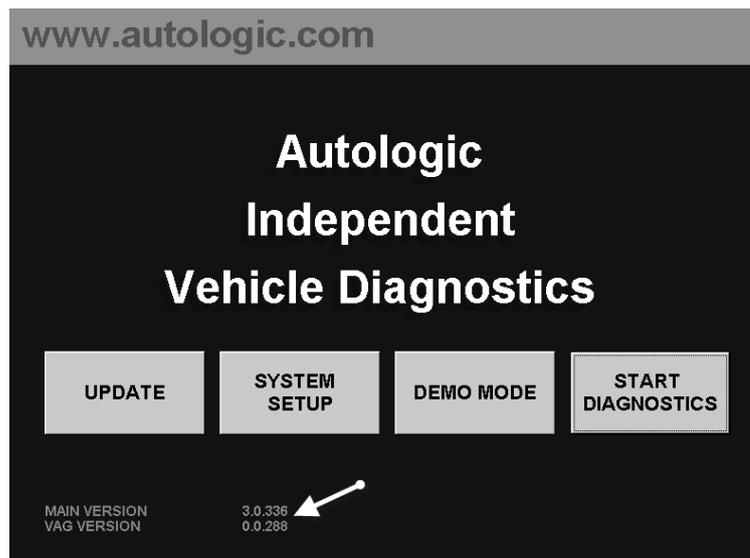
To get the best from your *Autologic*, it is important to keep up to date with the latest software available on the Autologic Diagnostics' website.

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.

Call your local distributor: +44(0)1865 870050  
Autologic User Area

YOU ARE LOGGED IN AS PETER    LOGOUT

Home/Products    Technical Support and Training    Information Downloads    Company Overview    News and Events    Distributor Locator    Contact Us

**Autologic User Area: Mercedes-Benz**

Maintenance for Mercedes software expires on 12th October 2010 for unit A002804

Latest	
NAME	DESCRIPTION
<a href="#">MERC260</a>	Latest update for Mercedes software. 15/09/2010 at 13:24
<a href="#">ME97 PRG</a>	Programming files for ME97 Engine. 29/07/2010 at 12:26
<a href="#">FCVT PRG</a>	Programming files for FCVT. 19/08/2010 at 09:47
<a href="#">CDI PRG</a>	Programming files for CDI 4. 14/05/2010 at 09:23
<a href="#">7G PRG</a>	Programming files for 7G gearbox. 03/09/2010 at 16:44

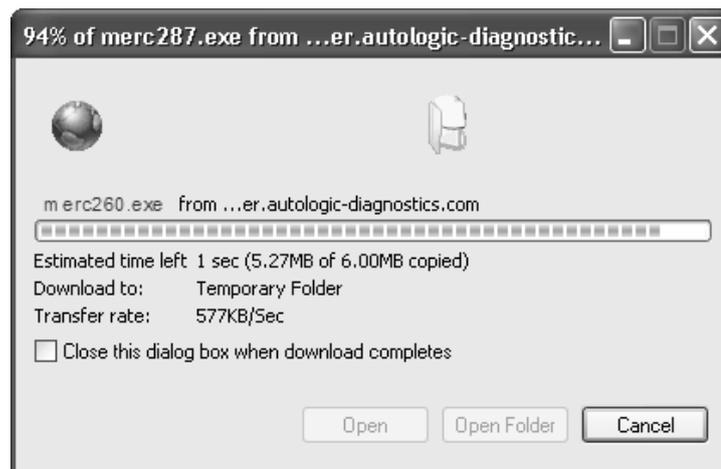
3. Follow the on-screen instructions (see below).



4. Press the [Run] button on the File Download screen.



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

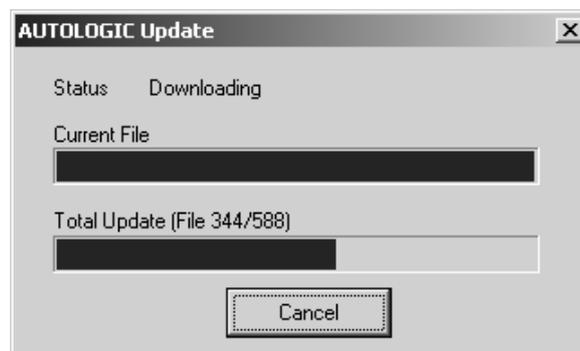


When the update has finished downloading it should run automatically. If you are using Windows XP you may need to press the [Run] button to confirm that you want the update to run.



5. Switch on the *Autologic* and press [UPDATE] on the start-up screen.

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



## 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:

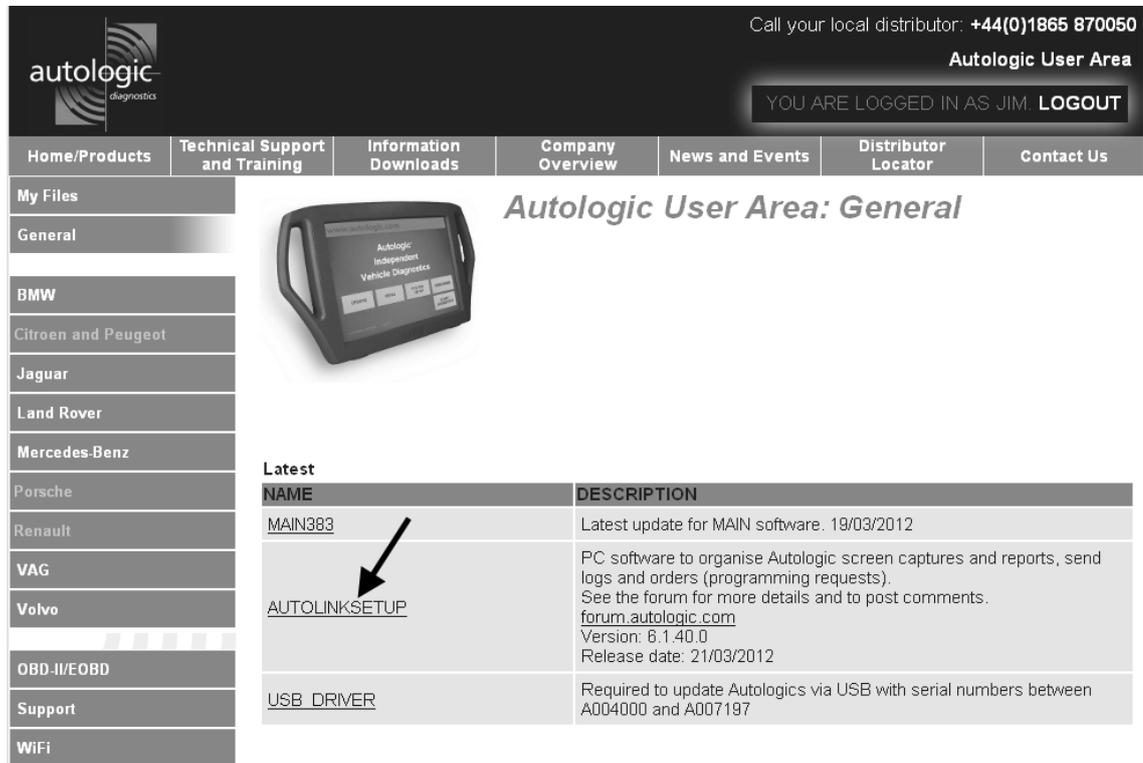
- Serial cable
- Universal Serial Bus (USB)
- Network (Ethernet or WiFi)



**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.



Call your local distributor: **+44(0)1865 870050**

**Autologic User Area**

YOU ARE LOGGED IN AS JIM **LOGOUT**

Home/Products | Technical Support and Training | Information Downloads | Company Overview | News and Events | Distributor Locator | Contact Us

My Files

General

BMW

Citroen and Peugeot

Jaguar

Land Rover

Mercedes-Benz

Porsche

Renault

VAG

Volvo

OBD-II/E/OBD

Support

WiFi

*Autologic User Area: General*

Autologic Independent Vehicle Diagnostics

**Latest**

NAME	DESCRIPTION
<a href="#">MAIN383</a>	Latest update for MAIN software. 19/03/2012
<a href="#">AUTOLINKSETUP</a>	PC software to organise Autologic screen captures and reports, send logs and orders (programming requests). See the forum for more details and to post comments. <a href="http://forum.autologic.com">forum.autologic.com</a> Version: 6.1.40.0 Release date: 21/03/2012
<a href="#">USB_DRIVER</a>	Required to update Autologics via USB with serial numbers between A004000 and A007197

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

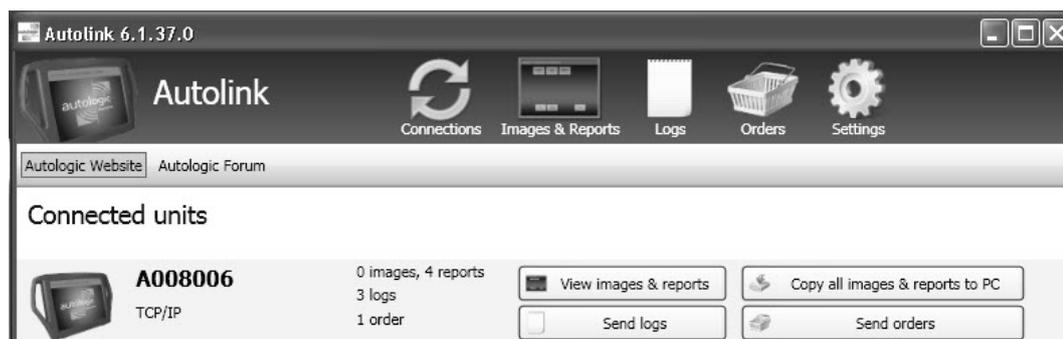
*Autolink* automatically checks to see if a newer version is available. If a newer version is available, it will prompt you to download and install it.

## 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

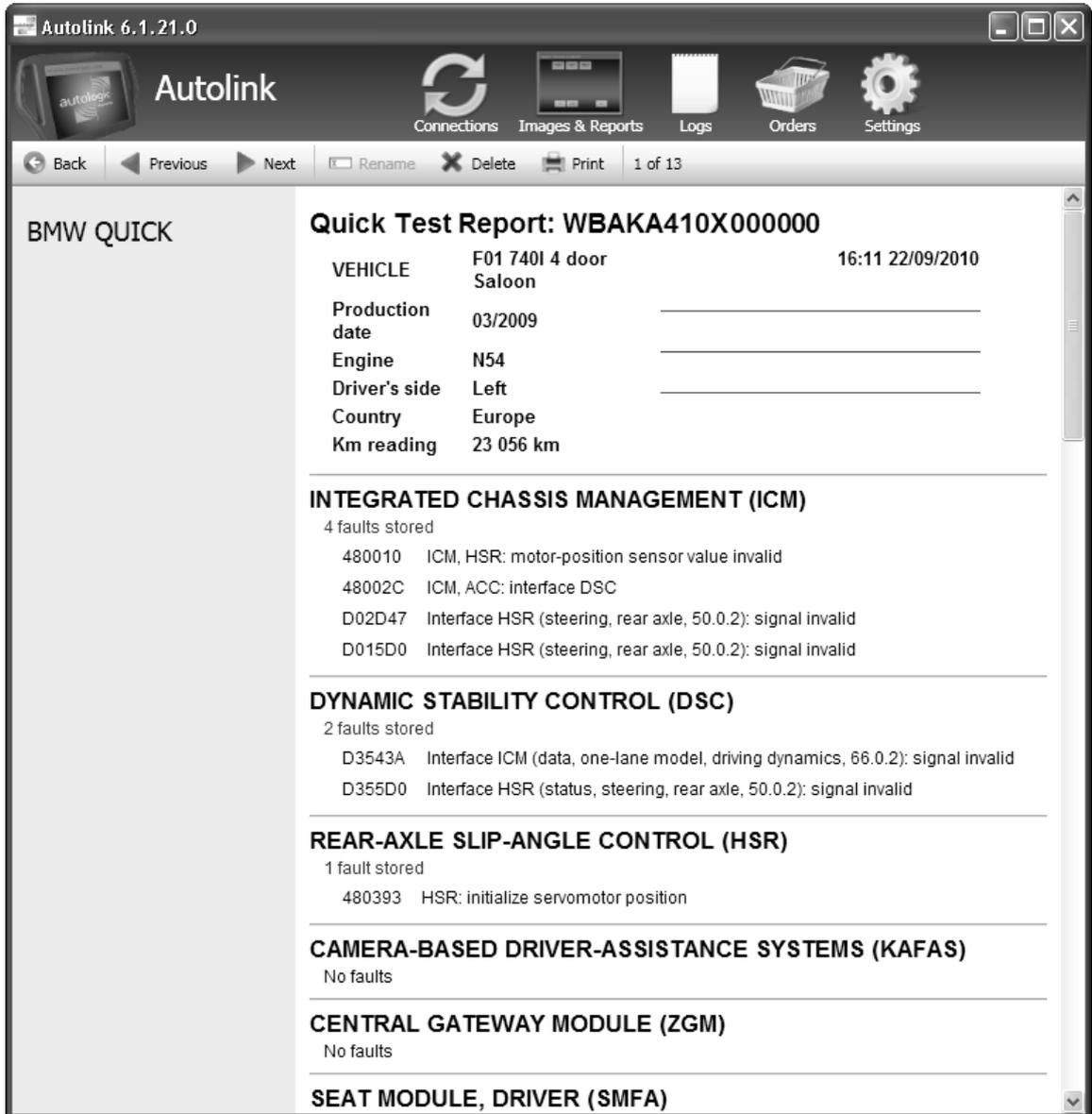
Follow these steps to view and print images and reports that you have saved on your *Autologic* and on your PC:

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.



 **NOTE:** The images stored on the *Autologic* have a small *Autologic* icon and the images stored on your PC have a hard drive icon.

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



**Autolink 6.1.21.0**

**Autolink**

Connections Images & Reports Logs Orders Settings

Back Previous Next Rename Delete Print 1 of 13

**BMW QUICK**

**Quick Test Report: WBAKA410X000000**

VEHICLE F01 740i 4 door 16:11 22/09/2010  
Saloon

Production date 03/2009

Engine N54

Driver's side Left

Country Europe

Km reading 23 056 km

**INTEGRATED CHASSIS MANAGEMENT (ICM)**  
4 faults stored

480010 ICM, HSR: motor-position sensor value invalid

48002C ICM, ACC: interface DSC

D02D47 Interface HSR (steering, rear axle, 50.0.2): signal invalid

D015D0 Interface HSR (steering, rear axle, 50.0.2): signal invalid

**DYNAMIC STABILITY CONTROL (DSC)**  
2 faults stored

D3543A Interface ICM (data, one-lane model, driving dynamics, 66.0.2): signal invalid

D355D0 Interface HSR (status, steering, rear axle, 50.0.2): signal invalid

**REAR-AXLE SLIP-ANGLE CONTROL (HSR)**  
1 fault stored

480393 HSR: initialize servomotor position

**CAMERA-BASED DRIVER-ASSISTANCE SYSTEMS (KAFAS)**  
No faults

**CENTRAL GATEWAY MODULE (ZGM)**  
No faults

**SEAT MODULE, DRIVER (SMFA)**

- 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.
- 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).

Page 1 of 3

**Autologic Diagnostics Ltd**  
Autologic House  
London Road  
Wheatley  
Oxon OX33 1JH  
Tel: +44(0)1865 870051  
**Quick Test Report: WBAKA410X0CY000000**



---

VEHICLE	F017401 4 door Saloon	16:11 22/09/2010
Production date	03/2009	
Engine	N54	_____
Driver's side	Left	_____
Country	Europe	_____
Km reading	23 056 km	_____

---

**INTEGRATED CHASSIS MANAGEMENT (ICM)**  
4 faults stored

- 480010 ICM, HSR: motor-position sensor value invalid
- 480020 ICM, ACC: Interface DSC
- D02D47 Interface HSR (steering, rear axle, 50.0.2): signal invalid
- D015D0 Interface HSR (steering, rear axle, 50.0.2): signal invalid

---

**DYNAMIC STABILITY CONTROL (DSC)**  
2 faults stored

- D3543A Interface ICM (data, one-lane model, driving dynamics, 66.0.2): signal invalid
- D355D0 Interface HSR (status, steering, rear axle, 50.0.2): signal invalid

---

**REAR-AXLE SLIP-ANGLE CONTROL (HSR)**  
1 fault stored

- 480393 HSR: Initialize servomotor position

---

**CAMERA-BASED DRIVER-ASSISTANCE SYSTEMS (KAFAS)**  
No faults

---

**CENTRAL GATEWAY MODULE (ZGM)**  
No faults

---

**SEAT MODULE, DRIVER (SMFA)**  
No faults

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.

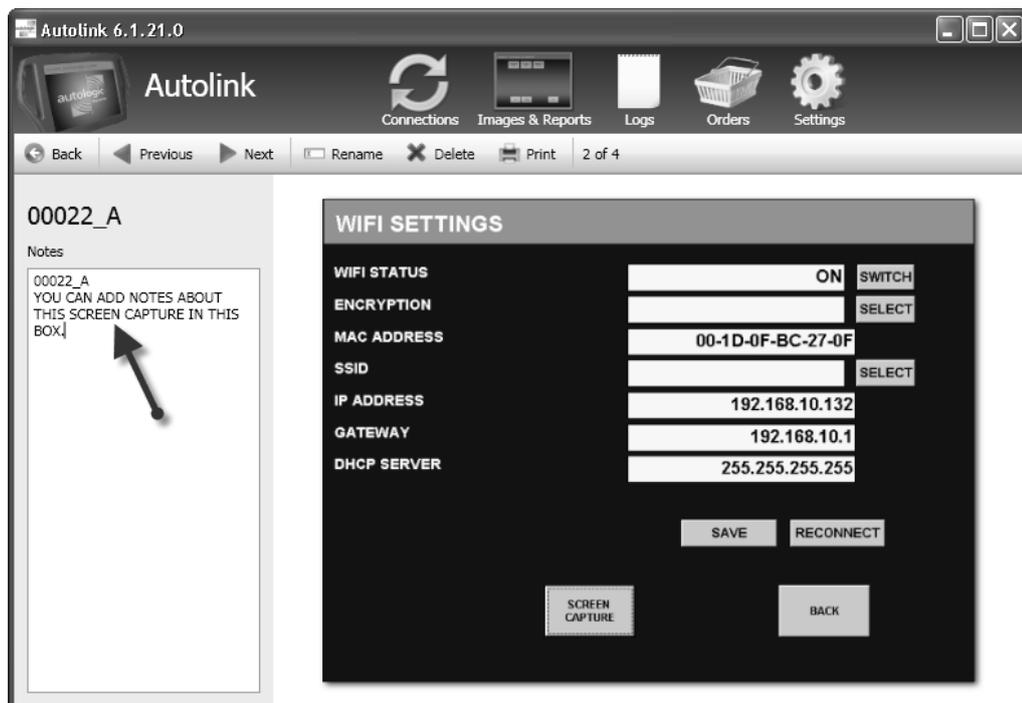
#### 5.4.4 Viewing images and reports using Windows Explorer

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.

 **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.

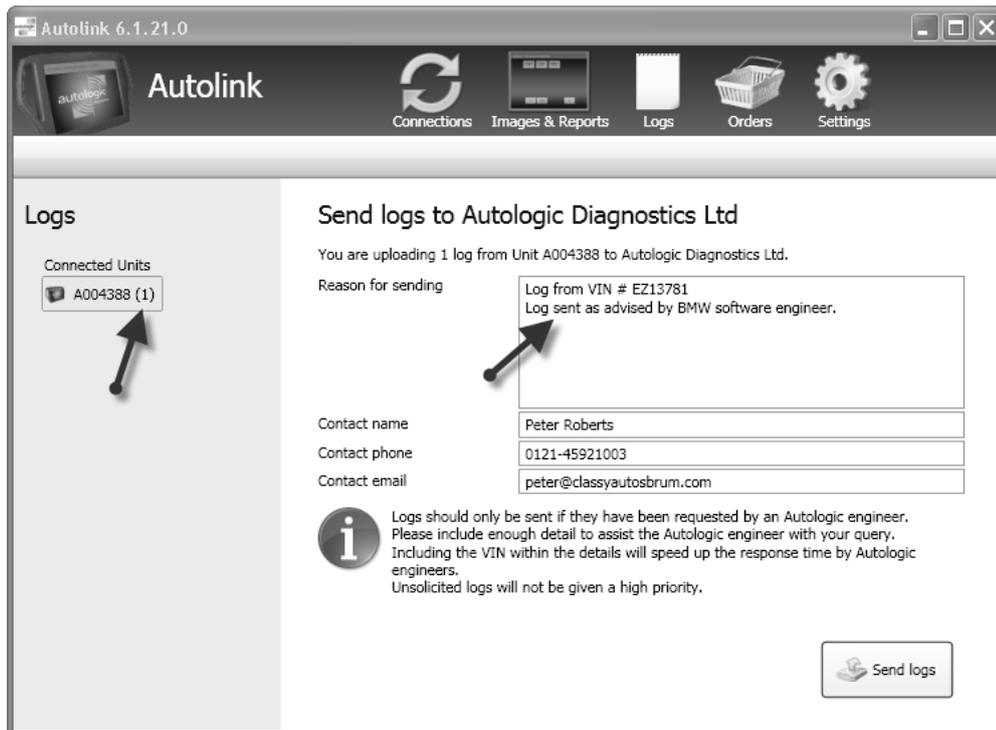
When you have created a data log of the communication between *Autologic* and the ECU of a vehicle's system, follow these steps to upload the data log to Autologic Diagnostics using the *Autolink* software:

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.

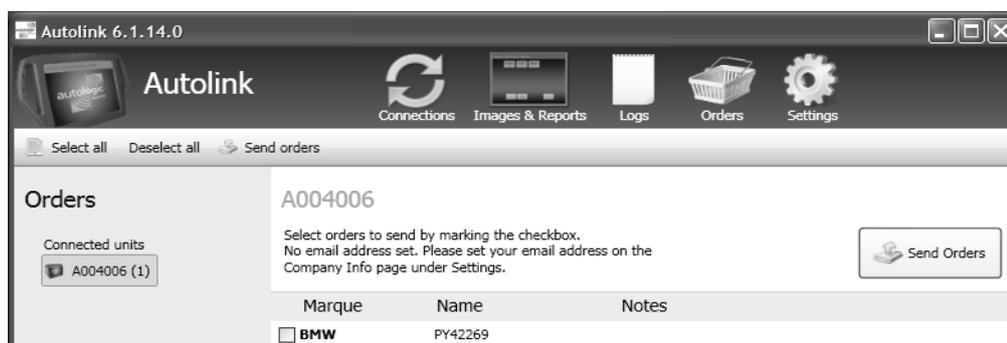
## 5.7 Ordering specific ECU Flash programming files

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).

### Company Info

This information will be included when you print images or reports. Changes to name and address will be copied to all connected units when saved.

Company name Autologic Diagnostics Ltd	Company Logo 
Company address Autologic House London Road Wheatley Oxon OX33 1JH Tel: +44(0)1865 870051	
Company email address info@autologic.com	

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.

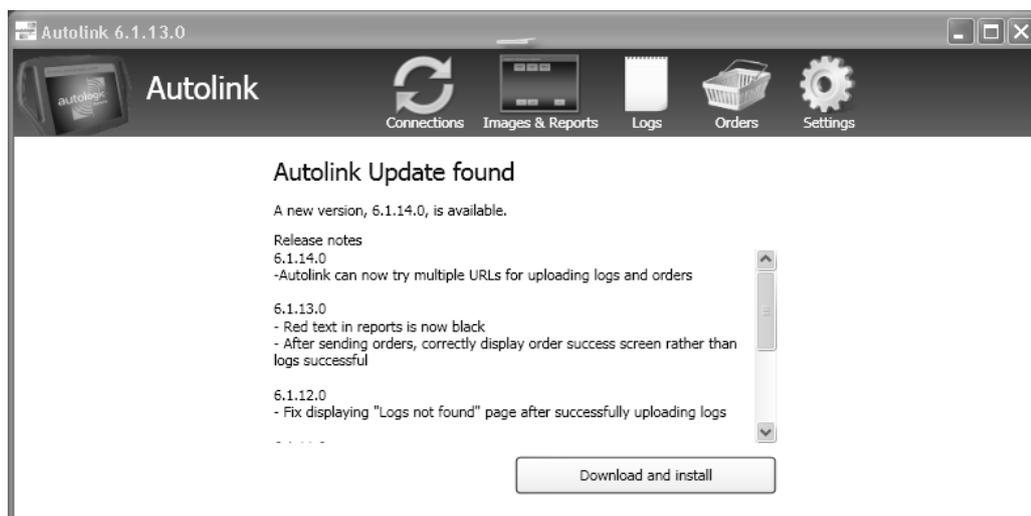
### 5.8.5 Checking and downloading the latest Autolink version

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.

 **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.

