HELLA GUTMANN DIAGNOSTICS SOLUTIONS

BPC-Client App

Installation instructions

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1 Product description

1.1 Intended use

The BPC client App is a software program which can be installed on Windows-based PCs. By using the BPC client App, the BPC-Tool can be connected to the PC via Bluetooth. This allows you to create hard-copy printouts of the battery and system tests without the diagnostic tool. The BPC client App can be downloaded free of charge from the Hella Gutmann homepage.

The BPC client App can only be used on PCs, laptops and tablets, and is not suitable for smartphones.

The following functions can be performed using the BPC client App:

- Assigning the BPC-Tool
- Updating the BPC-Tool
- Printing the battery test result
- Printing the system test result

2 Installation

2.1 Supported operating systems

- Microsoft Windows Vista or higher
- Microsoft Windows 7 or higher
- Microsoft Internet Explorer 8 or higher

2.2 System requirements

- At least 128 MB free internal memory (RAM)
- At least 75 MB free hard disc space
- At least 1 free USB port on the PC
- Windows administrator rights (for installation)

2.3 Installing the BPC client App

An installation wizard guides you through the necessary steps.

Proceed as follows to install the BPC client App:

1. Switch on the PC.
2. Go to the Hella Gutmann homepage.
3. Select **Tools > BPC-Tool**.
4. Select the **>BPC client App<** tab.
   The **HGS Update Service** window appears.
5. Select the **>Software<** tab.
6. Select 🛠 to install the **BPC client App**.
   The **BPC-Client App Setup** window appears.
7. Click **>Next<**.
   The general terms and conditions appear.
8. Read the general terms and conditions and confirm them at the end of the text.

9. Click **>Next<**.

   A drop-down list appears.

   A target directory for the BPC client App files is suggested. If you wish to use another target directory, you can use the **>Browse...<** option to select a suitable target directory. At the end of installation, the files will be copied into the selected target directory.

10. Click **>Next<**.
11. Click **>Install<**.

    If Microsoft Visual C++ is not installed on the PC, the general terms and conditions of Microsoft Visual C++ are displayed.

12. Read and accept the general terms and conditions of Microsoft Visual C ++ as appropriate.
13. Click **>Install<**.

    The installation of Microsoft Visual C++ is started.

14. Wait until the installation is finished.
15. Click **>Close<**.

    Microsoft Visual C++ installation is closed.

    The installation of the BPC client App is started.

16. Confirm the Windows safety precautions for the installation as appropriate.
17. Wait until the installation is finished.
18. Click **>Finish<**.

    Files are copied into the selected target directory.

This concludes the installation of the BPC client App.

3 BPC client App startup

3.1 Connection to PC

☞	**NOTE** The BPC client App must always be connected via Bluetooth to the BPC-Tool and the PC on which the BPC client App is used.

The BPC client App contains software components. Certain functions of the BPC client App therefore require a Bluetooth connection.

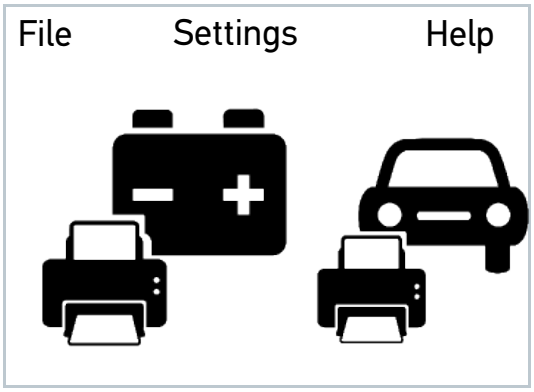
3.2 Executing the BPC client App

☞	**NOTE** When starting it for the first time, the BPC client App must be connected to Bluetooth. This requires a connection between the BPC client App and the Bluetooth adapter.

Proceed as follows to execute the BPC client App:

1. Enable the Bluetooth function of the PC or insert the Bluetooth adapter into the USB port of the PC.
2. Go to **Start > All Programs > Hella Gutmann Solutions > BPC client App**.

The BPC client App is started.



3.3 Closing the BPC client App

Proceed as follows to close the BPC client App:

- Select **File > Close** to close the BPC client App.

4 Configuring the BPC client App

4.1 Configuring the language

Here you can set the language version if the software is multilingual. After having set the language, the BPC client App is displayed in the selected language.

To configure the language:

1. Select **Settings > Language**.

   The selection of languages depends on the specific software.

2. Select the required language.

The selection is saved automatically.

4.2 Configuring workshop data

Here you can enter the company or workshop data to appear on a hard-copy printout, e.g.:

- Company address
- Fax number
- Homepage

4.2.1 Entering workshop data

To enter company or workshop data, proceed as follows:

1. Select **Settings > Workshop data**.
2. Enter the company name under **Company**.
3. Repeat step 2 to make more entries.
4. Confirm your entry with **>OK<**.

Inputs are saved automatically.

4.3 Printing with a standard PC printer

Here you can set the print function with the default printer connected to the PC.

If there is no additional printer connected to the tool, it is possible to print with the printer of a PC system. This requires a connection between the tool and the PC. The connection to the PC can be established via the USB port, Ethernet, Bluetooth, WLAN or UMTS.

☞	**NOTE** If the default printer is *not* selected, you will be prompted to select a printer for a print job.

To print to the default printer:

- Select **Settings > Use default printer**.

  A blue tick will appear next to **>Use default printer<**.

Now you can start printing via the PC.

5 Working with the BPC client App

5.1 Searching for the BPC-Tool

To search for BPC-Tool:

1. Enable the Bluetooth function of the PC or insert the Bluetooth adapter into the USB port of the PC.
2. Switch on the BPC-Tool and connect to the Bluetooth adapter.
3. Select **Settings > Search for BPC-Tool**.

   The connection to the BPC-Tool is established.

   The connection to the BPC-Tool via the tool is established correctly if the message "*BPC Tool found and saved*" appears.
4. Click **>OK<** to confirm the info window.

The selection is saved automatically.

In the toolbar at the bottom, the selected serial number of the BPC-Tool is displayed, e.g. `BPC Tool: BPC_0814200xxx – 00:06:66:xx:xx:Ax`

5.2 Starting a BPC-Tool update

	NOTICE Insufficient voltage supply System data loss Do not switch off the tool and the BPC-Tool during the update and do not disconnect them from the voltage supply. Ensure sufficient voltage supply.

Proceed as follows to start the BPC-Tool update:

1. Connect the BPC-Tool to the battery.
2. Select **Settings > Update BPC-Tool**.

   If the most recent version is installed on the BPC-Tool, the message "*Software already up to date*" appears.

The BPC-Tool update starts.

The tool searches for a new update that is then downloaded and installed.

5.3 Printing the battery test result

Proceed as follows to print the battery test result:

1. Select to print the battery test result.

   The **Enter additional data** window appears.

Customer Data	
Name:	
Street / house no.:	
Postal code / city:	
Vehicle data	
Vehicle:	
Engine code:	
Model year:	
Kilometrage:	
VIN:	
Tester:	

   Customer data can be entered here.

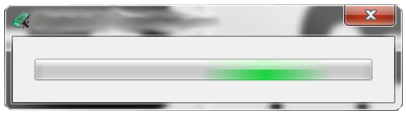
☞	**NOTE** If customer data is entered, it is not saved. After restarting the BPC client App, any previously entered customer data will be deleted.

2. Enter customer data as necessary.
3. Click **>OK<** to confirm your input.

☞	**NOTE** If the default printer option was *not* activated in the settings, you will be prompted to select a printer for a print job.

4. Select and confirm the desired printer as necessary.

A progress bar appears.



The battery test result is printed.

Workshop data

Date

Customer Data

Vehicle data

Battery diagnostics

Test parameters		**Determined values**	
Battery position	: xxx	Voltage [V]	: xxx
Temperature measurement	: xxx	Cold cranking amps [A]	: xxx
Battery type	: xxx	Temperature [°C]	: xxx
Battery standard	: xxx		
Cold cranking amps [A]	: xxx		

Battery test

Battery OK. Recharge battery.

Battery state of charge (xx)

75 %

Battery state of health (xx)

5.4 Printing the system test result

Proceed as follows to print the system test result:

1. Select to print the system test result.

   The **Enter additional data** window appears.

Customer Data	
Name:	
Street / house no.:	
Postal code / city:	
Vehicle data	
Vehicle:	
Engine code:	
Model year:	
Kilometrage:	
VIN:	
Tester:	

   Customer data can be entered here.

☞	**NOTE** Customer data is not saved. After restarting the BPC client App, the previously entered customer data will no longer be available.

2. Enter customer data as necessary.
3. Click **>OK<** to confirm your input.

☞	**NOTE** If the default printer option was *not* activated in the settings, you will be prompted to select a printer for a print job.

4. Select and confirm the desired printer as necessary.

A progress bar appears.

The system test result is printed.

Workshop data

Date

Customer Data

Vehicle data

Battery diagnostics

Test parameters		**Determined values**	
Battery position	: xxx	Voltage [V]	: xxx
Temperature measurement	: xxx	Cold cranking amps [A]	: xxx
Battery type	: xxx	Temperature [°C]	: xxx
Battery standard	: xxx		
Cold cranking amps [A]	: xxx		

Battery test

Battery OK. Recharge battery.

Battery state of charge (xx)

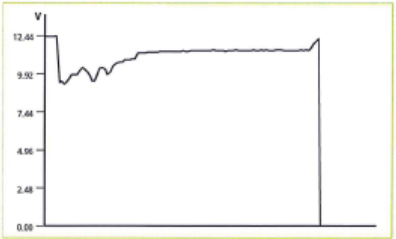
75 %

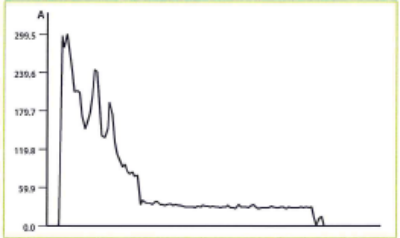
Battery state of health (xx)

Starter test

Voltage [V]	: xxx
Current [A]	: xxx
Time [s]	: xxx
Resistor [mOhm]	: xxx

Battery starting voltage OK



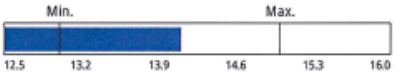


Alternator test

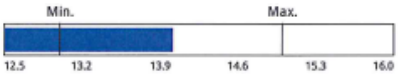
Power consumer switched off.		Power consumer switched on.	
Voltage [V]	: xxx	Voltage [V]	: xxx
Current [A]	: xxx	Current [A]	: xxx

Charging voltage OK

Power consumer switched off.



Power consumer switched on.



Resistor test

No-load current [A]	-1.30

The waiting time until all installed ECUs are in energy saving mode varies depending on manufacturer and model.

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1 STUECK/PIECE(S)

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