

# Installation ISTA-D & ISTA-P with ICOM, K-DCAN & ENET adapters. Errors & their solutions.

**ALL OPERATIONS DESCRIBED BELOW REFER TO STANDALONE VERSIONS**

# Installation ISTA-D & ISTA-P

## Preparation to install

Download one of my uploads on [Rutracker.org](http://Rutracker.org), [Cartechnology.co.uk](http://Cartechnology.co.uk) or [Mhhauto.com](http://Mhhauto.com). For unzip use 7-zip 18.06 or higher. If U use Winrar, unblock archives before unpack them. Sorry for my English. It's not my native language.

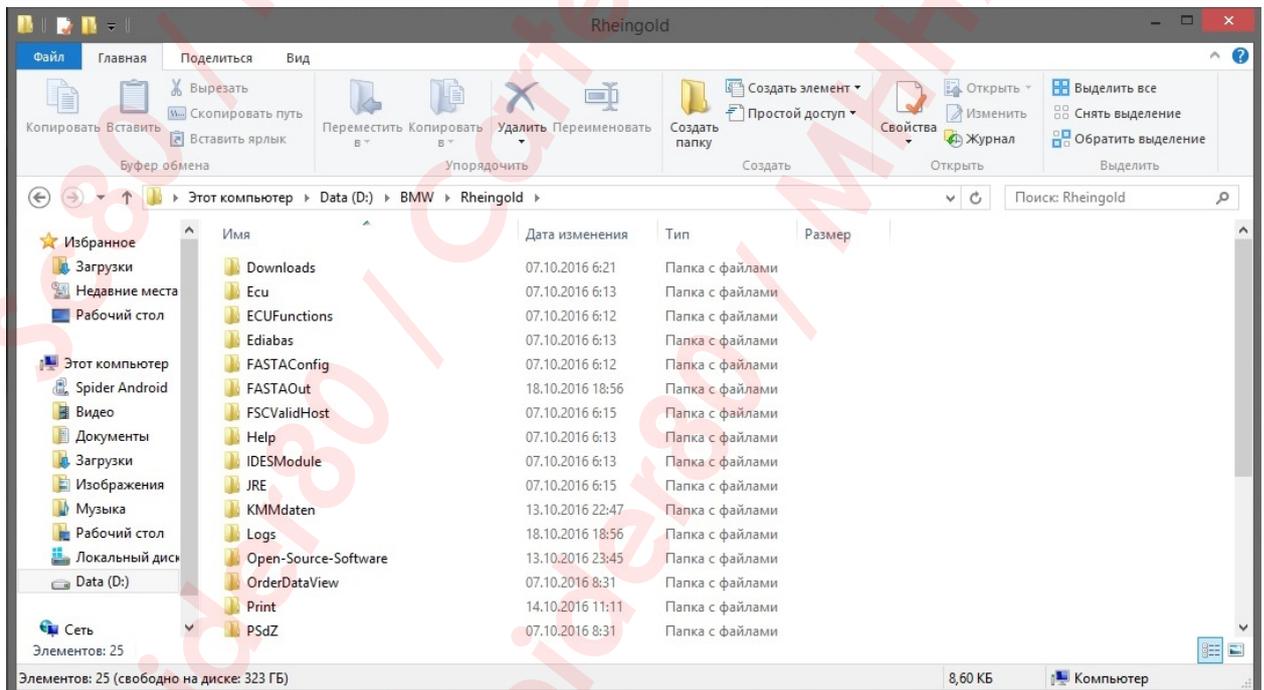
Install:

1. Ediabas 7.3.0
2. Java 8.40 and higher
3. vcredist 2005-2017. **Install all of them. If system x64, install both, x86 and x64 !!!!**
4. vs90\_piaredist
5. net framework 3.5, 4.7.2.
6. Install on Windows 7 SP1, 8.1 Pro or 10 Pro x86 or x64. Better on x64.
7. Update Windows with the latest updates. Disable antivirus and firewall.
8. Set "User Account Control" (UAC) to minimum.

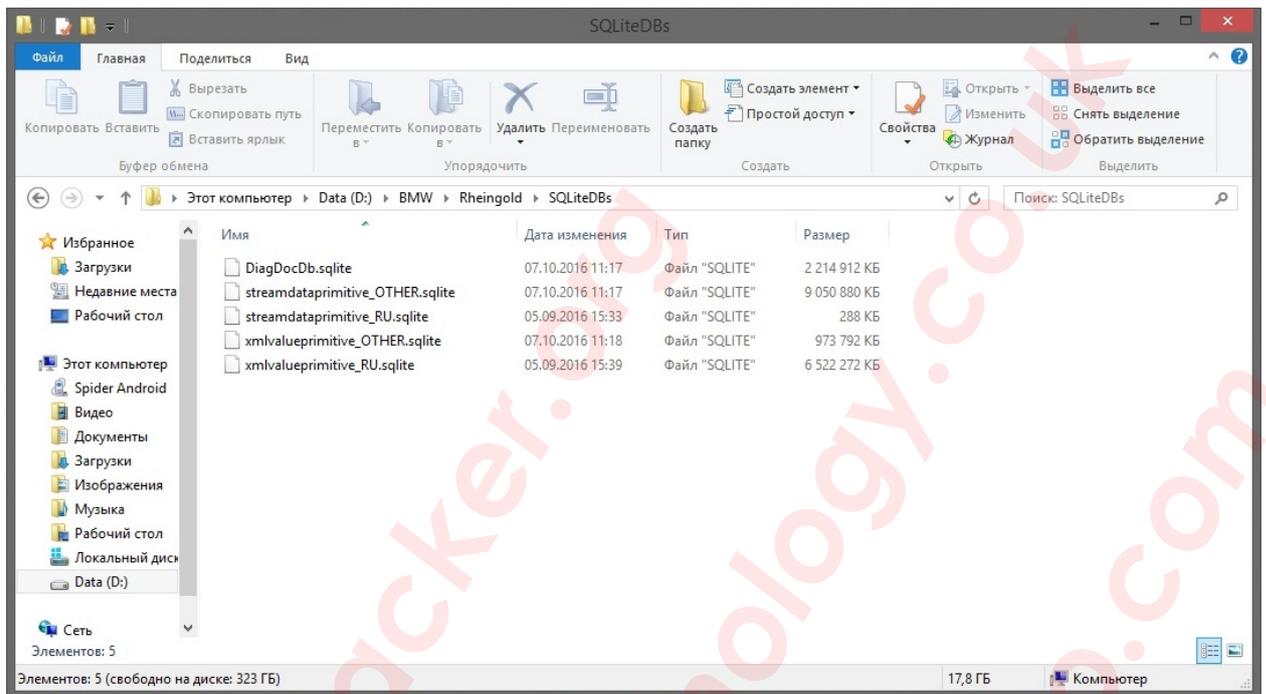
All except [net framework 3.5](#) and [JAVA](#) is in the [Tools](#) folder.

## Installation ISTA-D

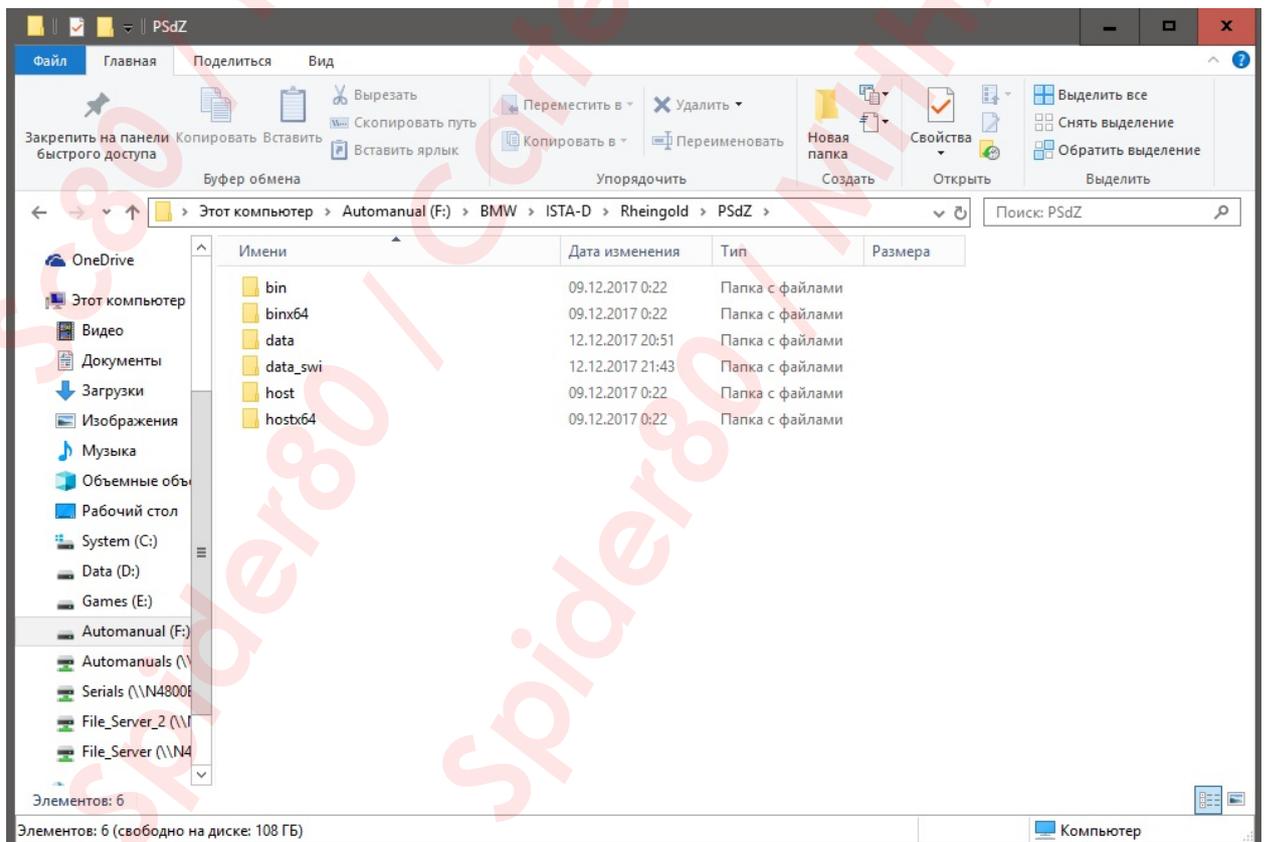
Unzip the file [ISTA-D x.xx.xx.7z](#), for example in [D:\BMW\Rheingold](#).



Extract the contents of [SQLiteDBs](#) folder in [D:\BMW\Rheingold\SQLiteDBs](#). The screenshot below shows the contents of the folder, if you only need the Russian language. **OTHER** base is necessary when using any language. Without it does not work tab [Basic features](#).



Unzip the files *BLP x.xx.xx.7z* and *SDP x.xx.xx.7z* in *D:\BMW\Rheingold*. This files contains the data for programming F, G, K and I series. Programming of these series via the ISTA-D is possible only through the ICOM.



Start *RCleanerV4.4.exe* from the *Tools* folder. Apply *ISTA-D Reg Fix* for your system (x86 or x64) from the *Tools* folder. Run *D:\BMW\Rheingold\TesterGUI\bin\Release\ISTAGUI.exe*.

License Informationen

**License warning!**

Unfortunately your local copy is not activated yet or has expired. It's necessary to activate your local installation via an authenticated license. Please follow the steps in the next dialogs.

**(C) 2014 BMW Group.** All rights reserved. No use of this software in source code or binary form without permission. For further information contact (Rheingold@list.bmw.com ).

Cancel Keyboard Finish Back **Next**

License Informationen

Please enter necessary information for the activation process here:

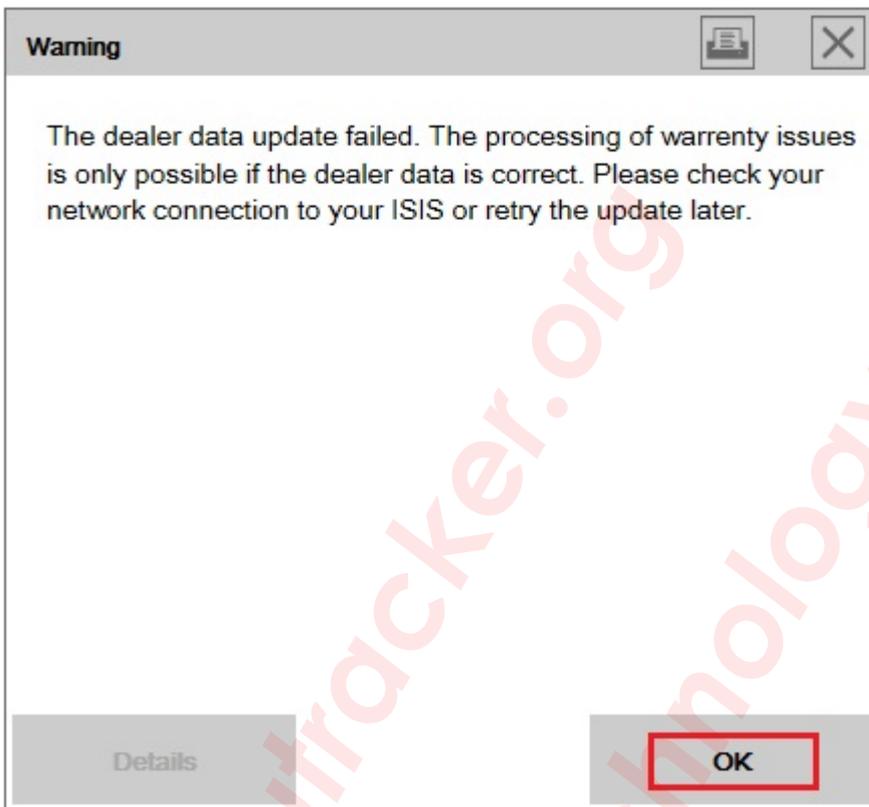
Name:

E-Mail:

Comment:  
Enter some information about you here; like department and what you are doing.

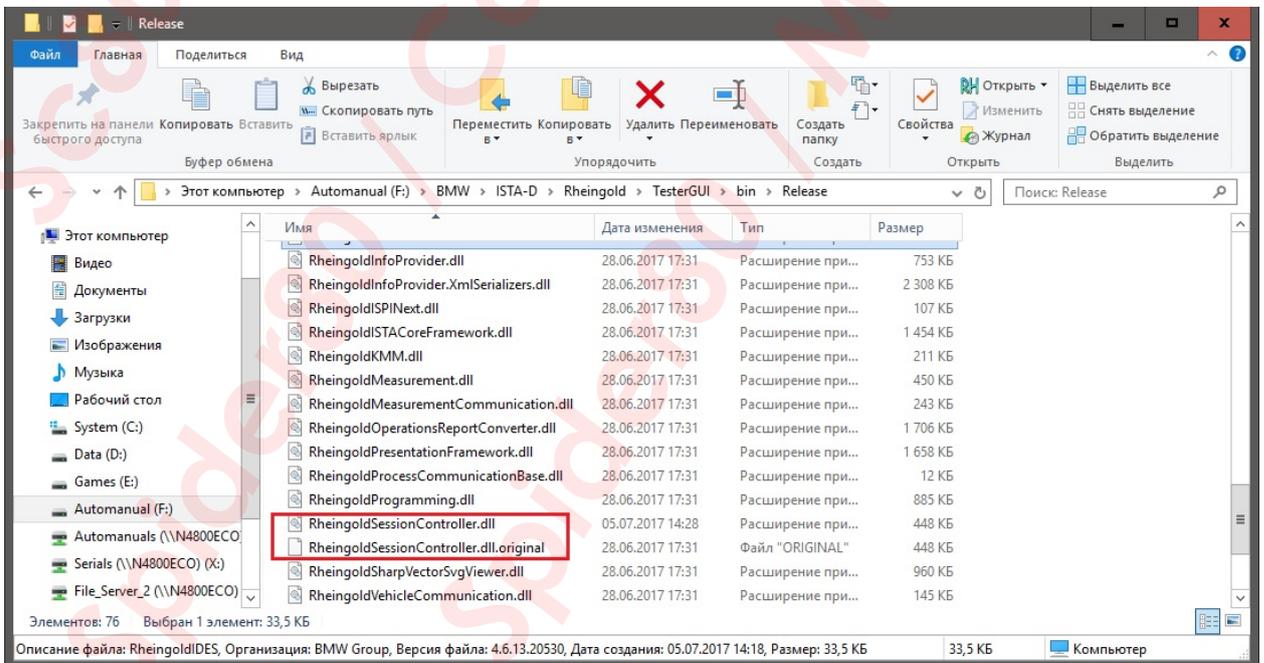
Cancel Keyboard Finish Back **Next**





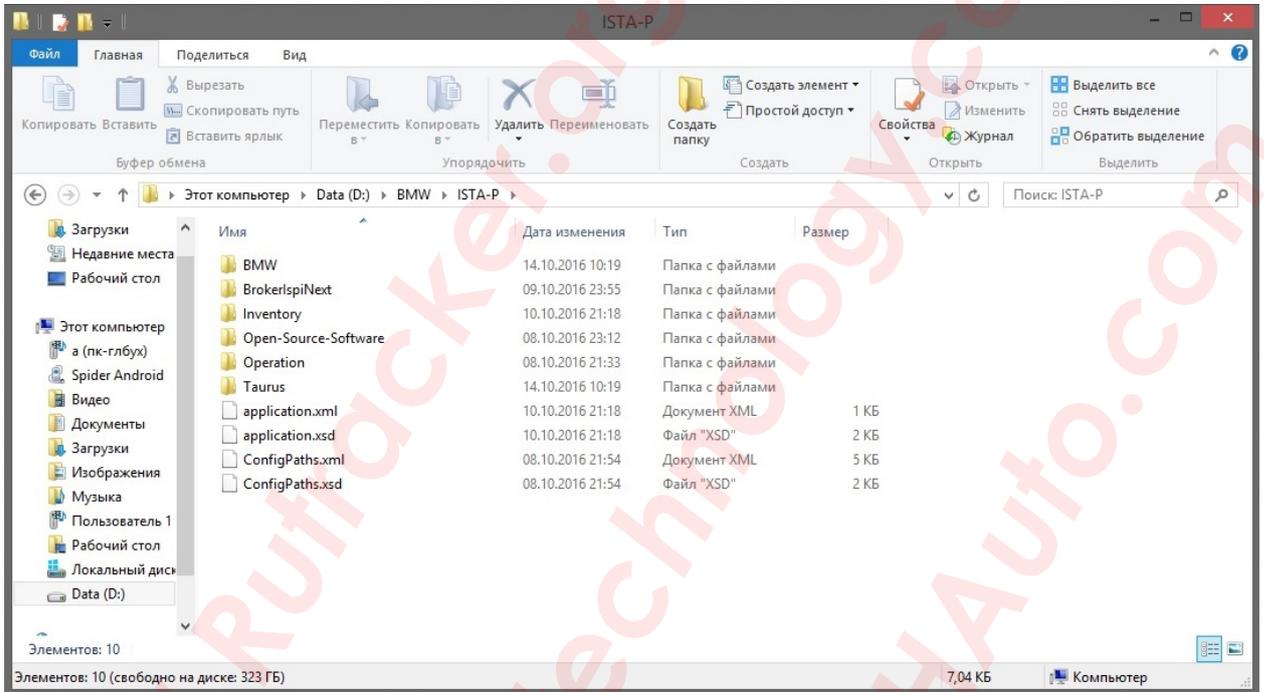
The program will shut down. Start again and enjoy.

By default, FASTA, in my release ISTA-D, disabled. To enable it, go to **D:\BMW\Rheingold\TesterGUI\bin\Release** and rename the file **RheingoldSessionController.dll** to **RheingoldSessionController.dll.NoFASTA**, and **RheingoldSessionController.dll.original** file to **RheingoldSessionController.dll**.



## Installation ISTA-P

Install the *NetworkTool* (only required for K-DCAN). Installation and setup is described in chapter *Setting K-DCAN adapter*. Unzip the file *ISTA-P x.xx.x.xxx.7z*, for example in *D:\BMW\ISTA-P*.



Start using *ISTA-P Loader*. Its setting is below.

## Setting ISTA-P Loader program

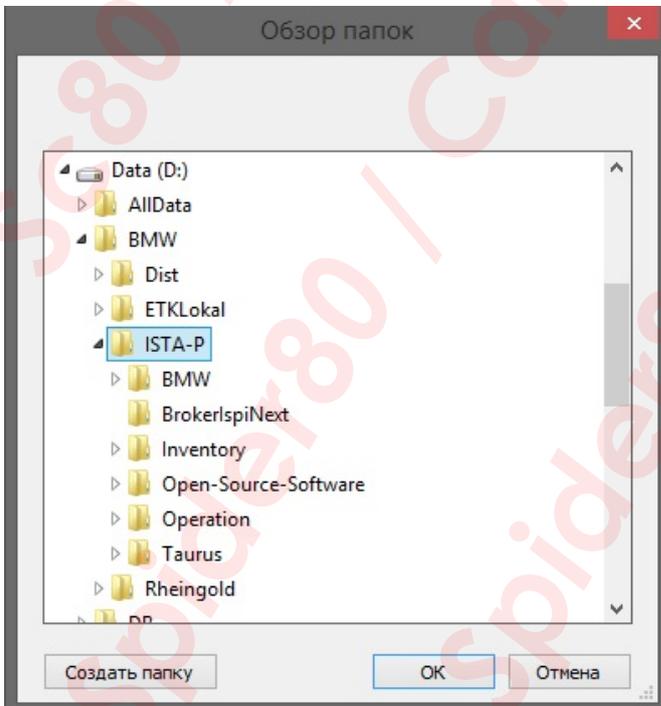
Copy *ISTA-P Loader* folder in *C:\Program Files*. Run *C:\Program Files\ISTA-P Loader\BMW ISTA-P Loader.exe*. Enter the license key from the *Activation Key.txt* file in the same folder, and click *Continue*. After that *ISTA-P Loader* closes.



Start *ISTA-P Loader* again and select *Manual Search*.



Choose the path ISTA-P installation.



Next, choose the language, screen resolution, and put a check in front of *Expert Mode*.

**ISTA-P Settings**

Location:

Language:  ▼

Resolution:  ▼

Expert Mode:

This is followed by a warning about ISTA-P problem with scaling of text. In Windows 8, 8.1 and 10, the default is 125%. We need to put 100%. Put a check mark and are continuing.

If you encounter screen resolution problems with ISTA/P, change your DPI scaling settings to 100%

Always ignore this message

In the next window, you can write anything you like or do not write anything on your discretion. Hit **SAVE** and continue.

**DealerData**

Name:

Street:

Zip code / town:

Next, choose the emulator starts for K-DCAN or ENET adapter. For ICOM, it is not necessary.

**ICOM Emulator** **Start ISTA-P** i - X

 K+DCAN USB

 ENET F

 BMW Cars

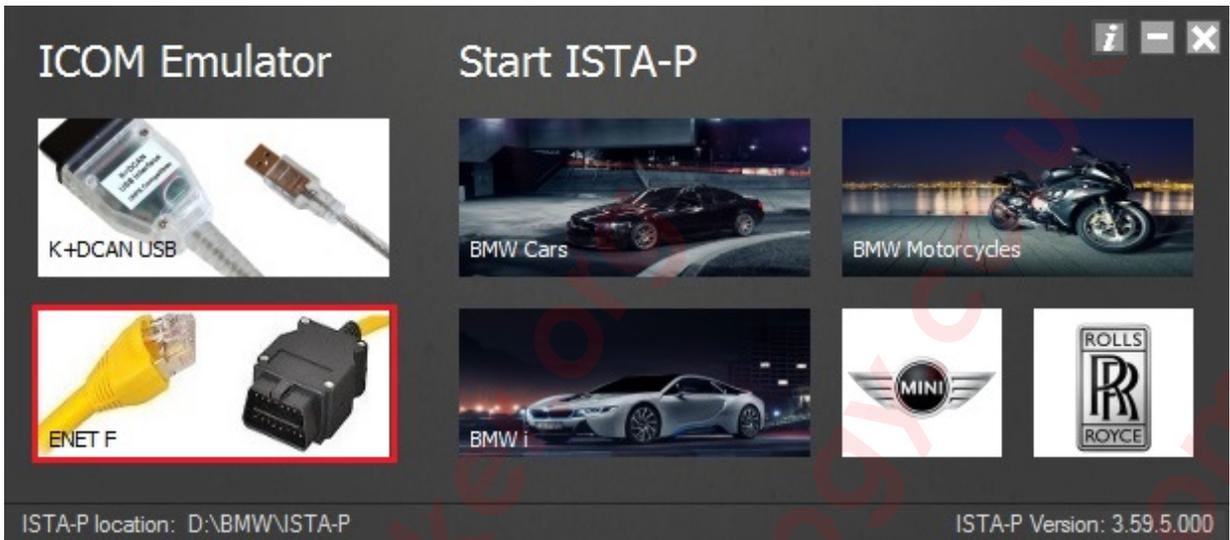
 BMW Motorcycles

 BMW i

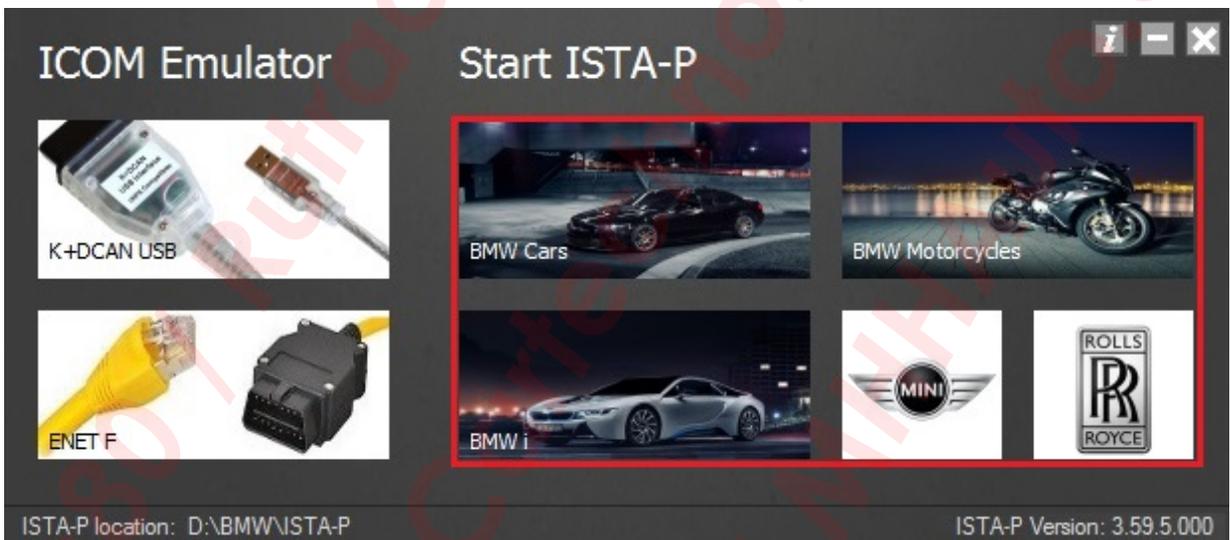
 MINI

 ROLLS ROYCE

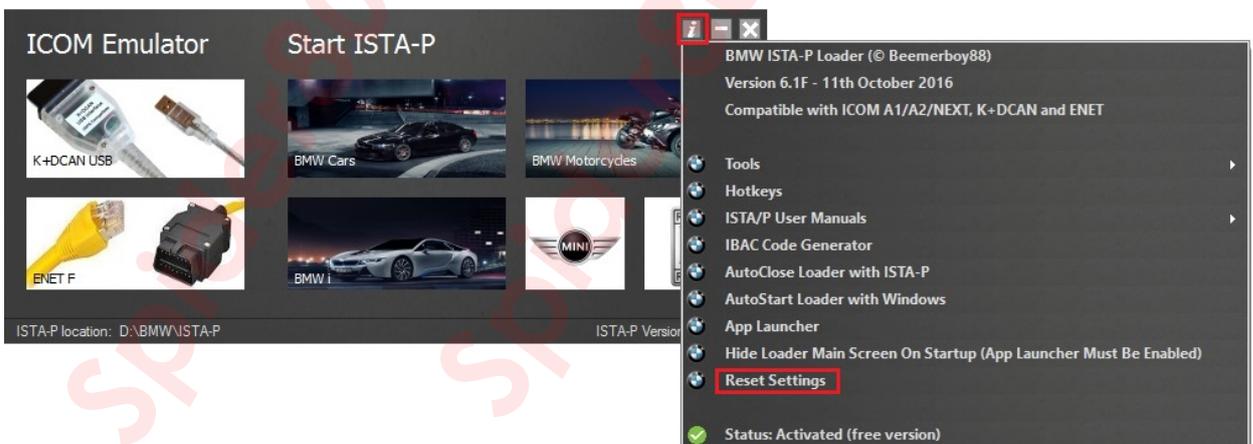
ISTA-P location: D:\BMW\ISTA-P ISTA-P Version: 3.59.5.000



Next choose the brand to launch *BMW Cars*, *BMW i*, *BMW Motorcycles*, *MINI* or *Rolls Royce*.



If you need to change the language, screen resolution or dealer information, it is possible to reset the *ISTA-P Loader*. To do this, in the upper right corner click the "i" then the *Reset Settings*, and then *ISTA-P Loader* closes.



The program also has installation *Patched EDIABAS 7.3.0* and *NetworkTool*.

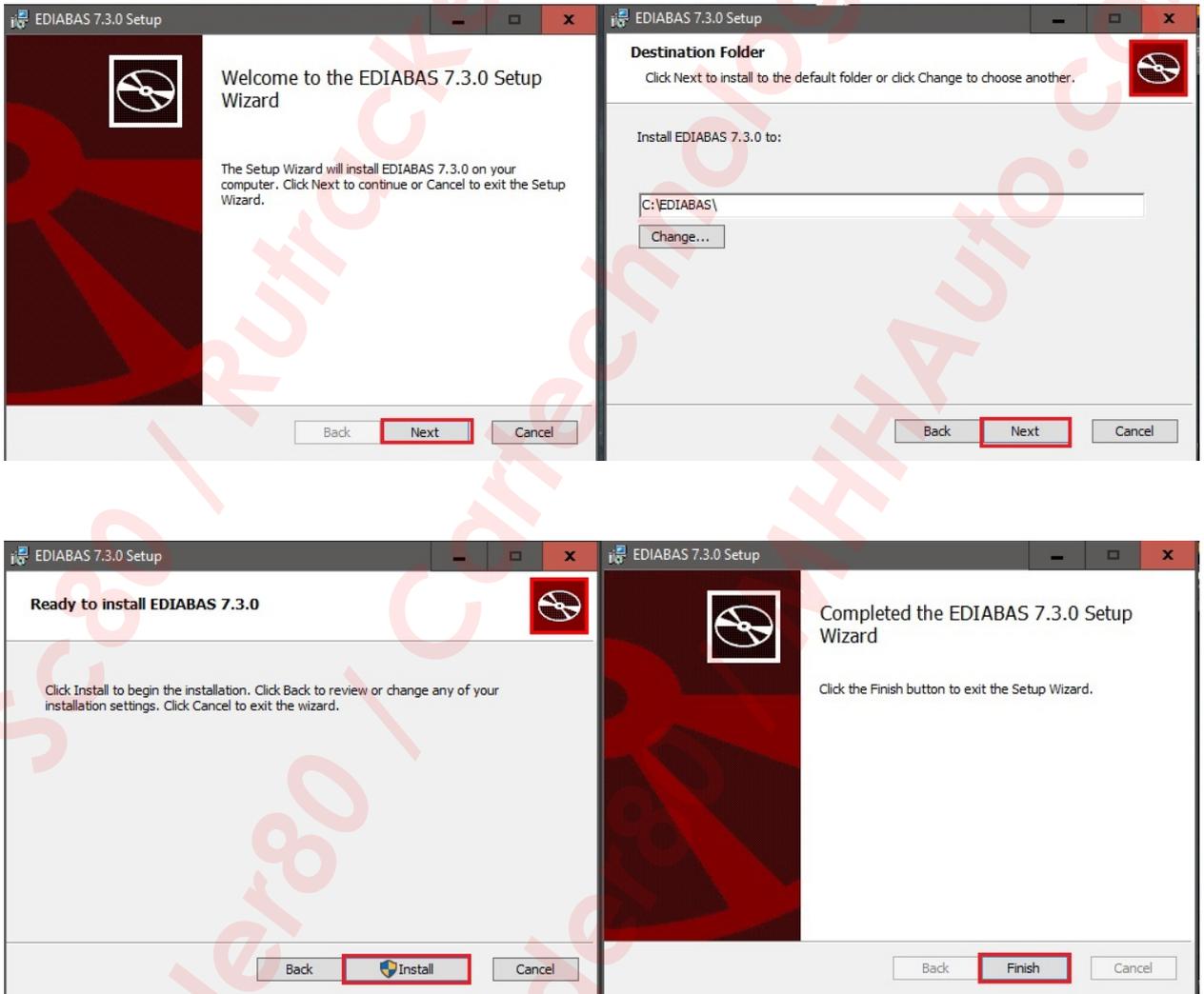


## Setting K-DCAN adapter

Start the installation EDIABAS one of the following methods :

1. Start *Patched\_EDIABAS\_7.3.0.msi* file.
2. Start *BMW\_Standard\_Tools\_Setup\_2.12.0.exe* file.
3. From the interface *ISTA-P Loader* 6+ version.

I will show the installation of the first version.

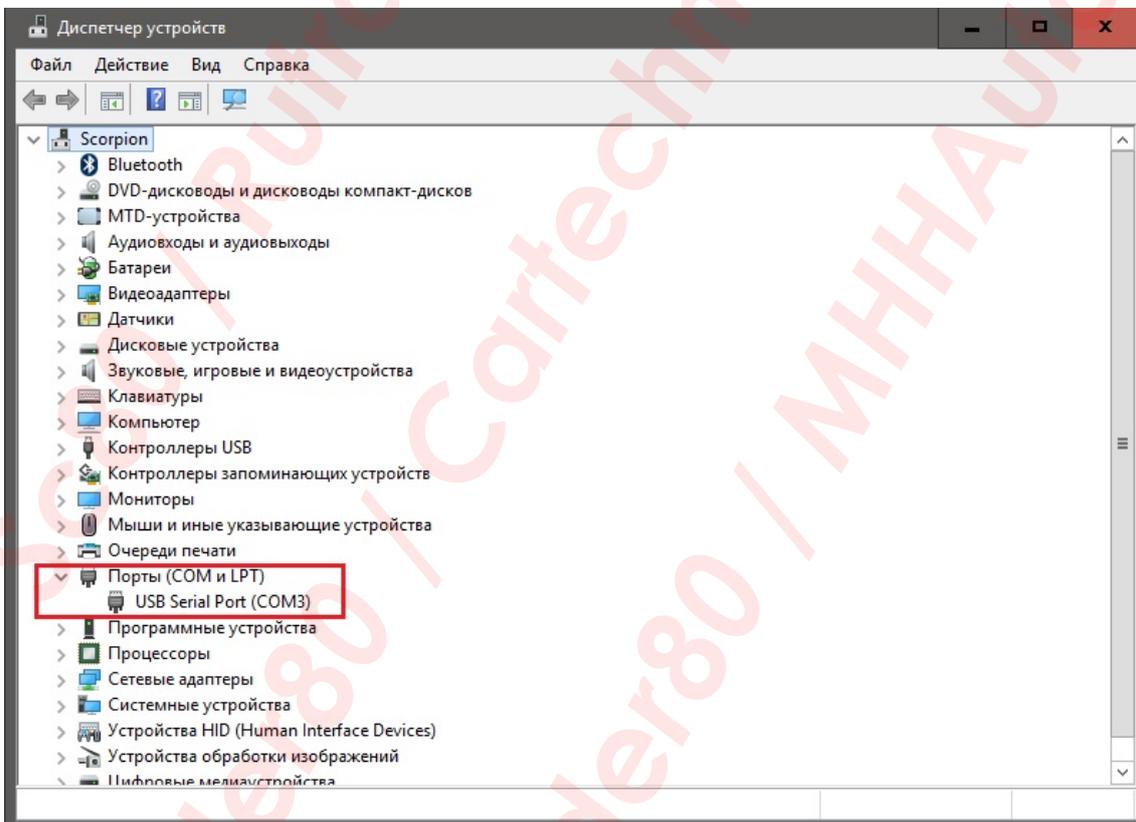


By default, *com port* set to *9*. Open the file with any text editor *C:\EDIABAS\BIN\obd.ini*. Change the *Port=Com9* line at *Port=Com1* and save.

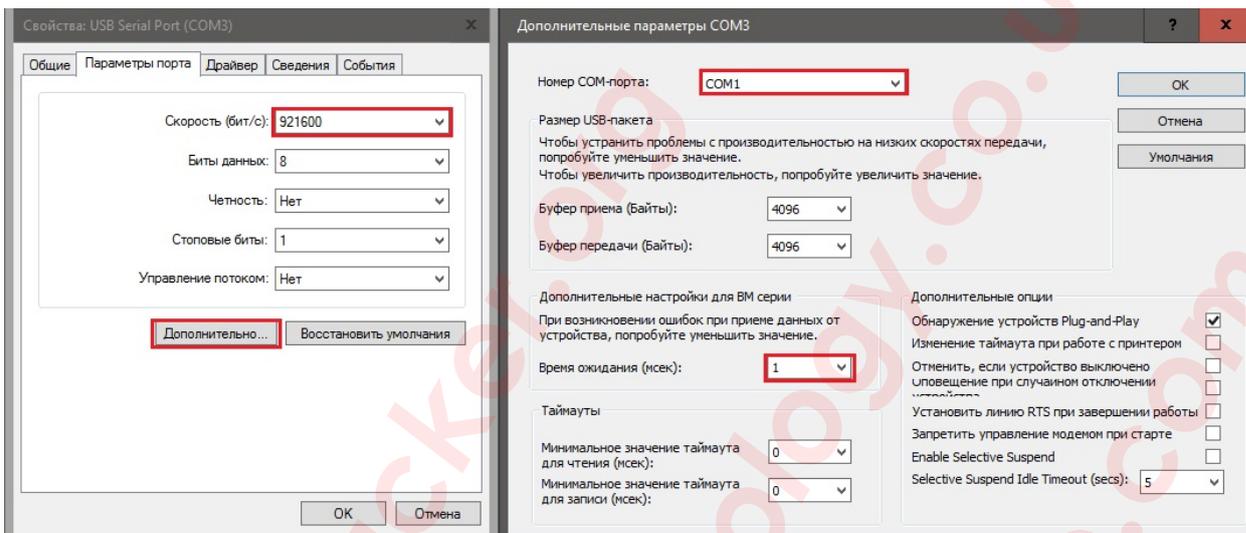


```
obd.ini — Блокнот
Файл  Правка  Формат  Вид  Справка
[OBD]
Port=Com9
Hardware=OBD
RETRY=ON
;Tracelevel=0xFFFFFFFF
;Tracelevel=0xFFFFFFFF
;Tracelevel=0xF0000000
```

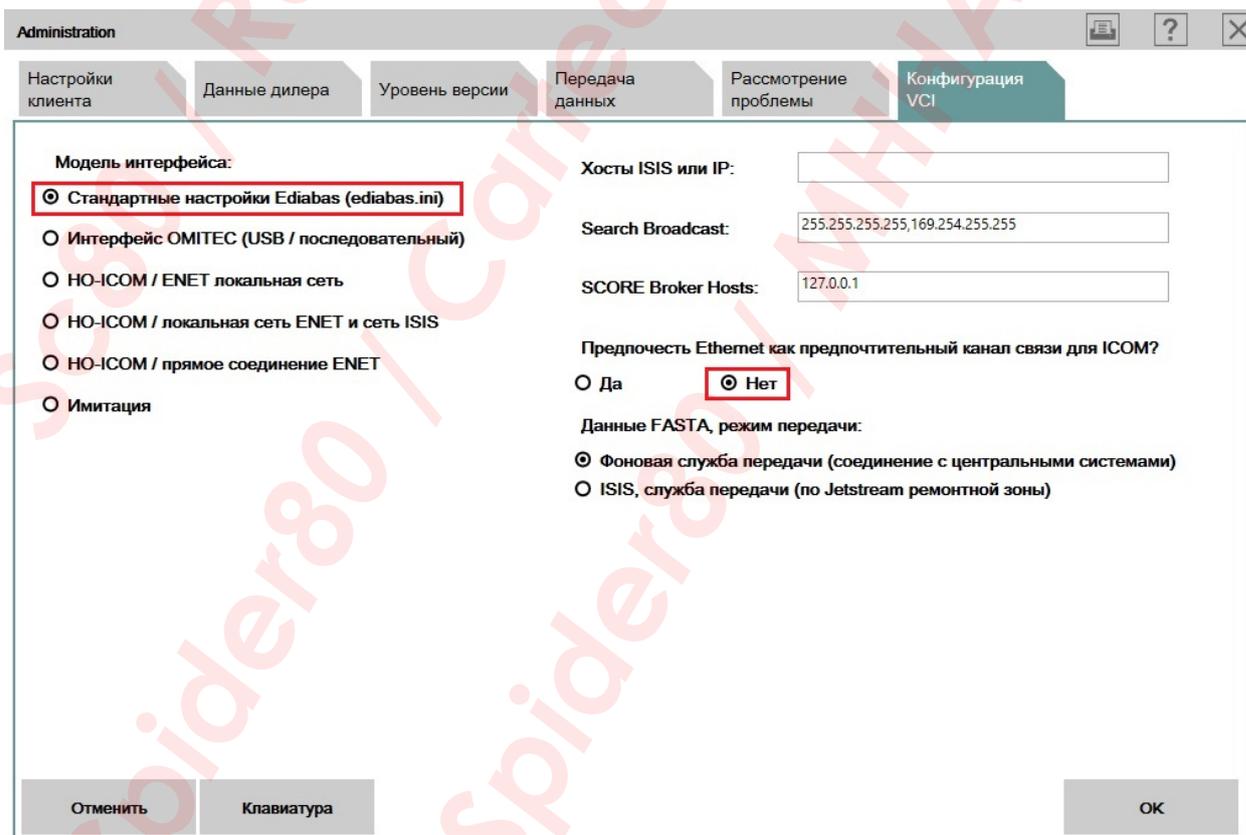
Connect K-DCAN adapter to the computer and install the driver. I am using the latest driver from <http://www.ftdichip.com/Drivers/D2XX.htm> site. Then we go to the *Device Manager* and open the settings of your adapter *USB Serial Port (COMx)*.



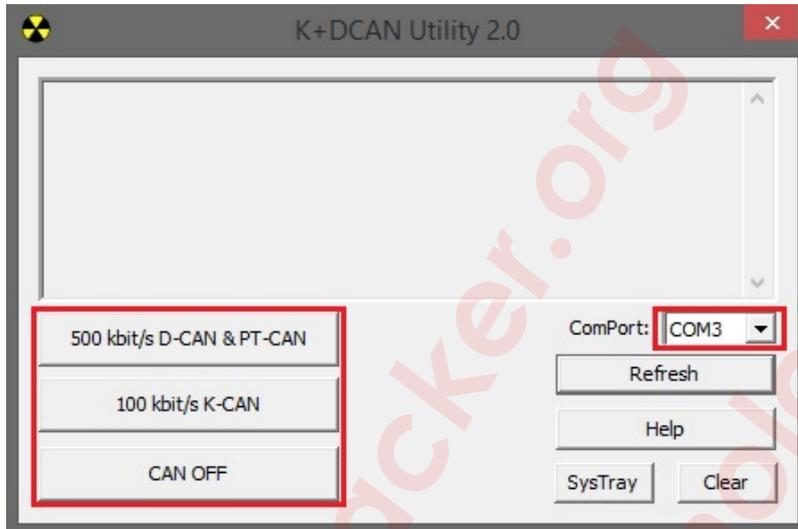
Then fill in all as in the screenshot below.



Change setting ISTA-D in *VCI Configuration* tab as shown on the screenshot below.



Some adapters need to switch modes to work with K-Line or DCAN. For this purpose, there is a utility *D-CAN.exe*. On the right, select Com port, the left mode.



Do not forget about one more nuance. For the E-series until 2008 with K-Line, you need to solder a jumper between pins 7 and 8 of your adapter. Or to use a special adapter. To communicate with the E-series the year and above 2008, as well as the F-series, this should not be a jumper.



Personally, I used the adapter with the switch, which, incidentally, did not need the above mentioned utility *D-CAN.exe*.

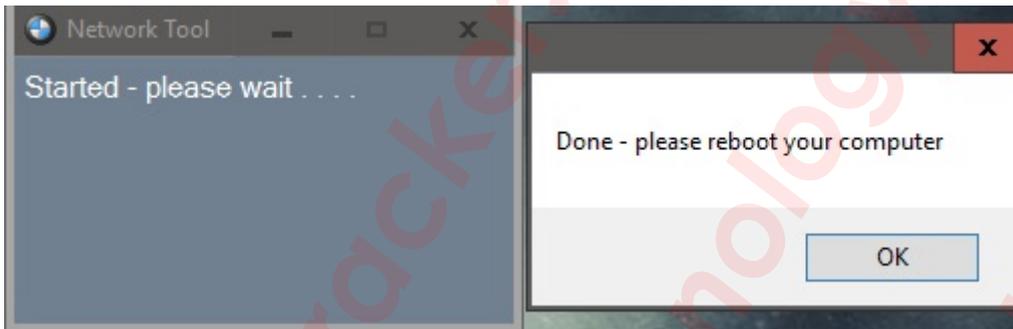


## Installation NetworkTool

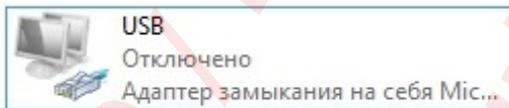
Run the installation **NetworkTool** one of the following methods :

1. Start **NetworkTool.exe** file.
2. From the interface **ISTA-P Loader** 6+ version.

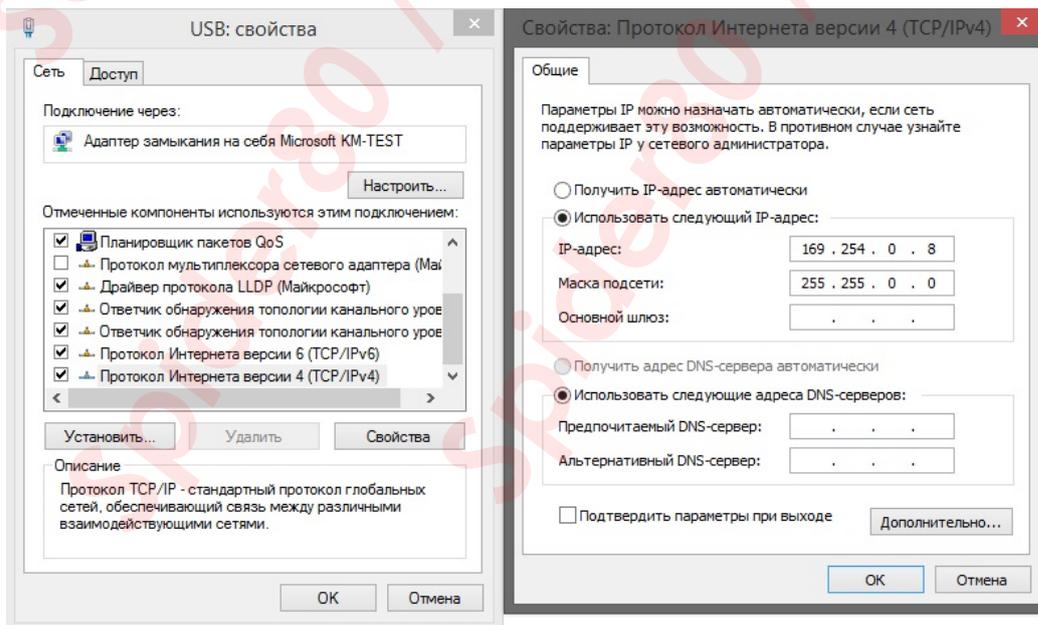
I will show the installation of the first version. The utility will run a few seconds. Then a window will appear with the message that you need to restart the computer, wait for this message!



After restarting the network connection "**Network Connection**" (**Loopback Adapter**), rename to **USB** (renamed network connection as well as a file or folder). After renaming, click on it, right-click and disable.



We go to the properties of the connection and prescribes the following (TCP / IPv4) **IP 169.254.0.8** **Mask 255.255.0.0**. This setting is finished. On some systems, it is not necessary to do all of these settings, as the utility makes it herself. Why she does it on certain systems, the question is not for me, but I recommend that you always check the settings after installation.

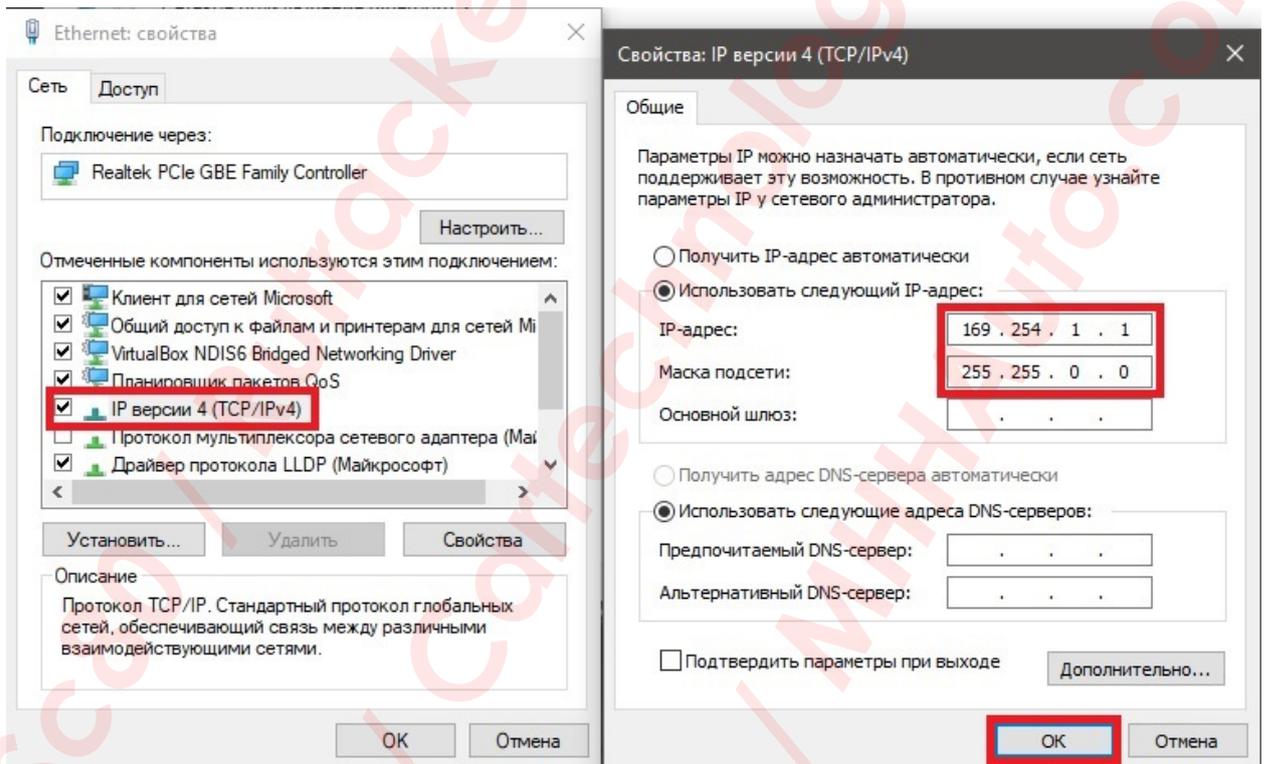


## Setting ENET adapter

Install EDIABAS one of the following methods :

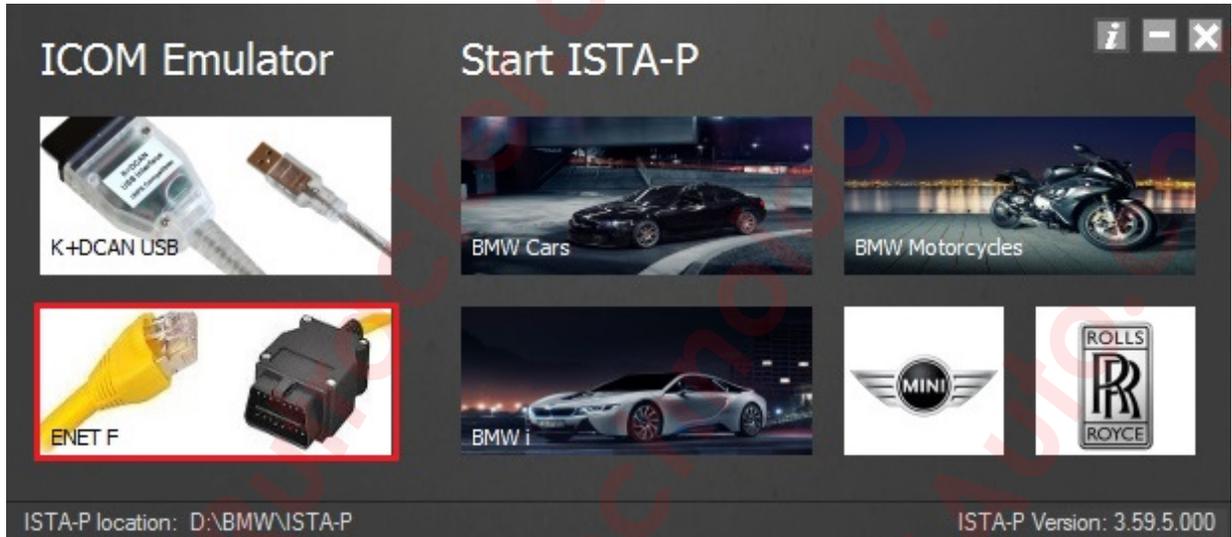
1. Start *Patched EDIABAS\_7.3.0.msi* file.
2. Start *BMW\_Standard\_Tools\_Setup\_2.12.0.exe* file.
3. From the interface *ISTA-P Loader* 6+ version.

Set up Your Ethernet adaptor as shown in screenshot below.

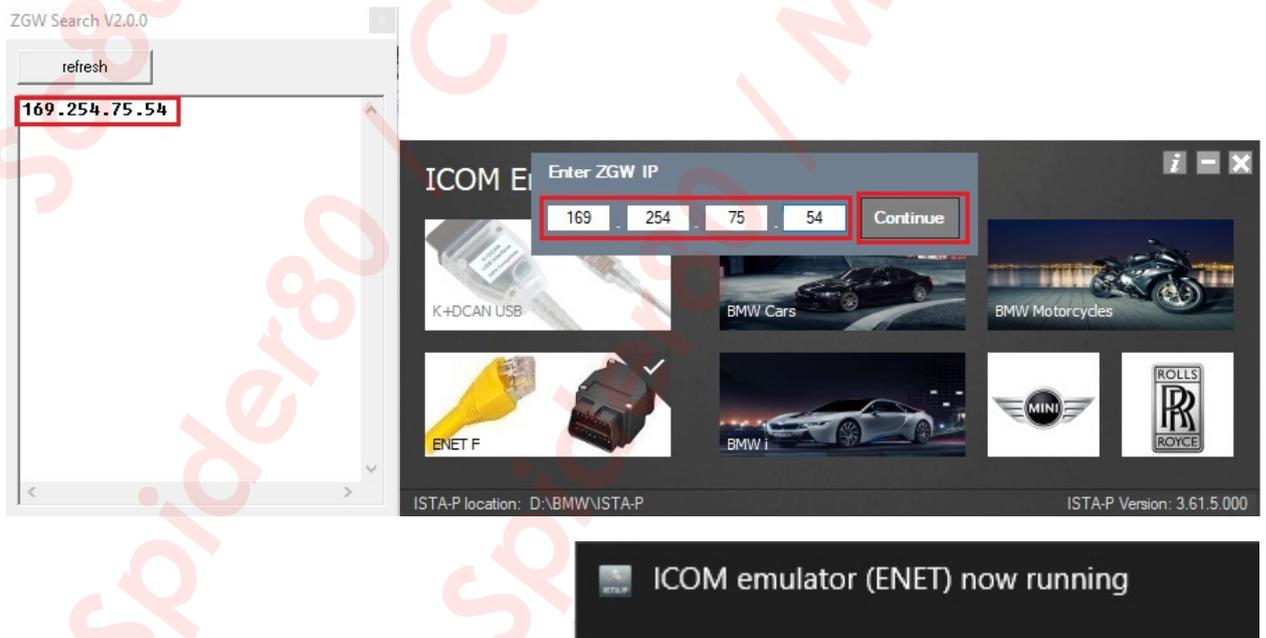


## Setting ENET for ISTA-P

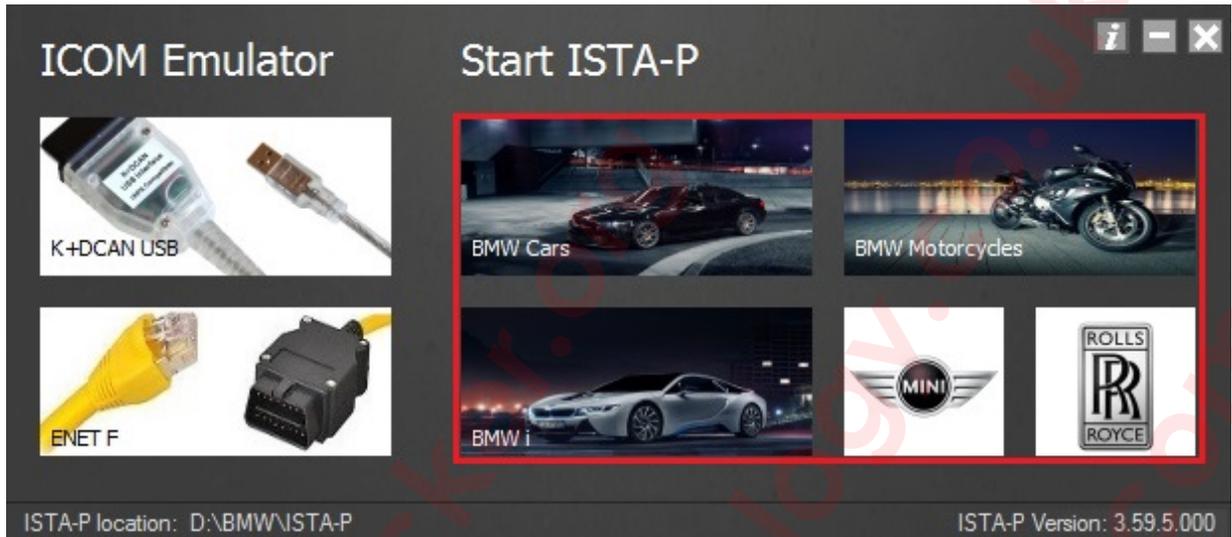
Disable Your antivirus, firewall & turn off WIFI. Connect ENET cable to car & PC. Turn on ignition and wait a couple minutes. Launch *ISTA-P Loader*. Click the *ENET ICOM emulator* button. *ZGW search* will now open.



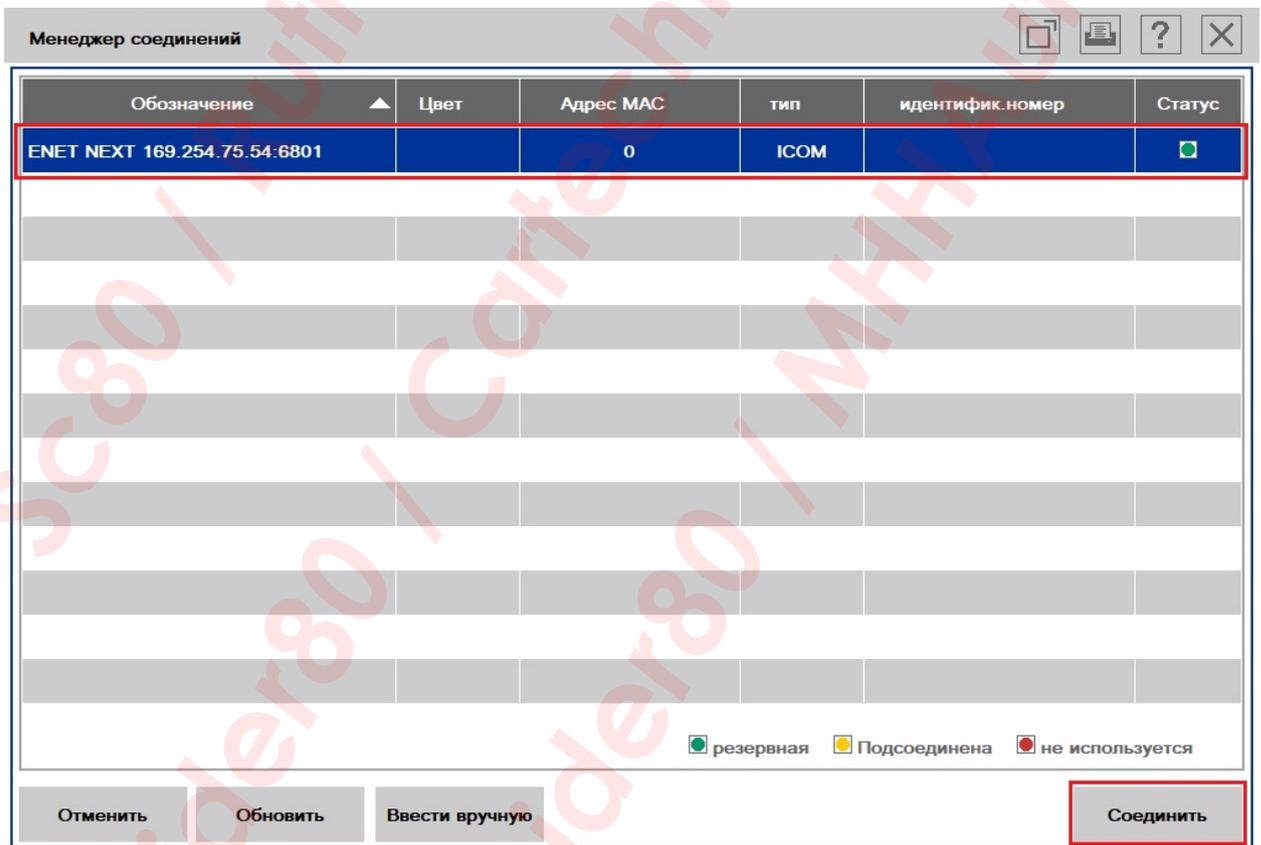
Enter Your car's ZGW IP and click *Continue*. Then wait for emulator running notifications to appear.



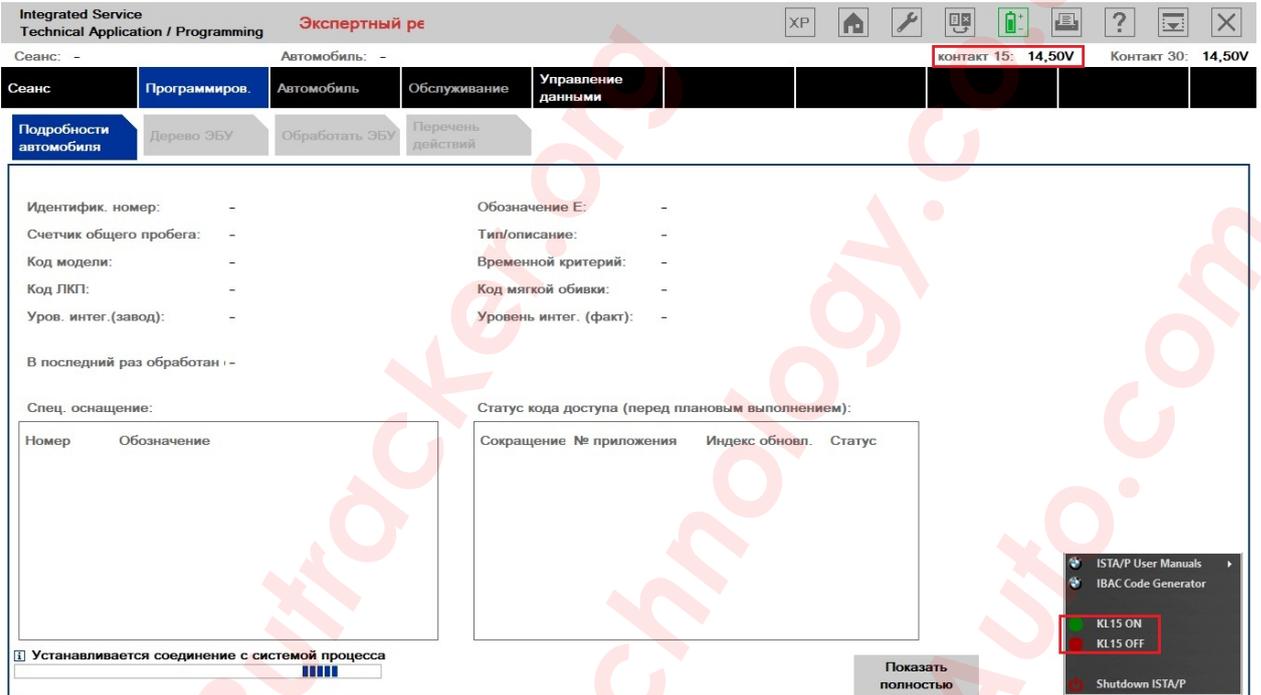
On loader main screen choose relevant brand. ISTA-P will now launch.



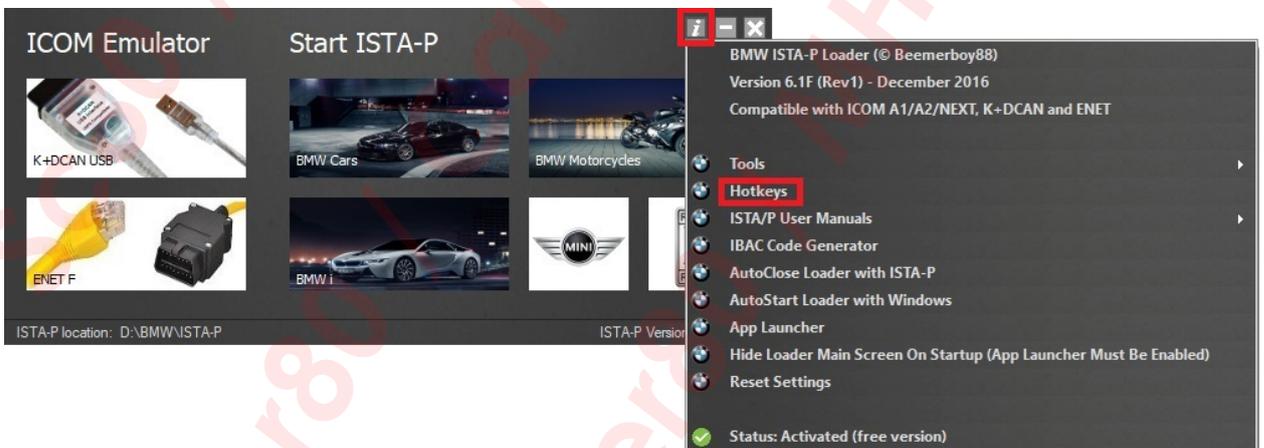
Select **ENET** in connection manager.



When ISTA-P asks for ignition ON/OFF during programming use the KL15 controls located in the notification area of the taskbar or the hotkeys.

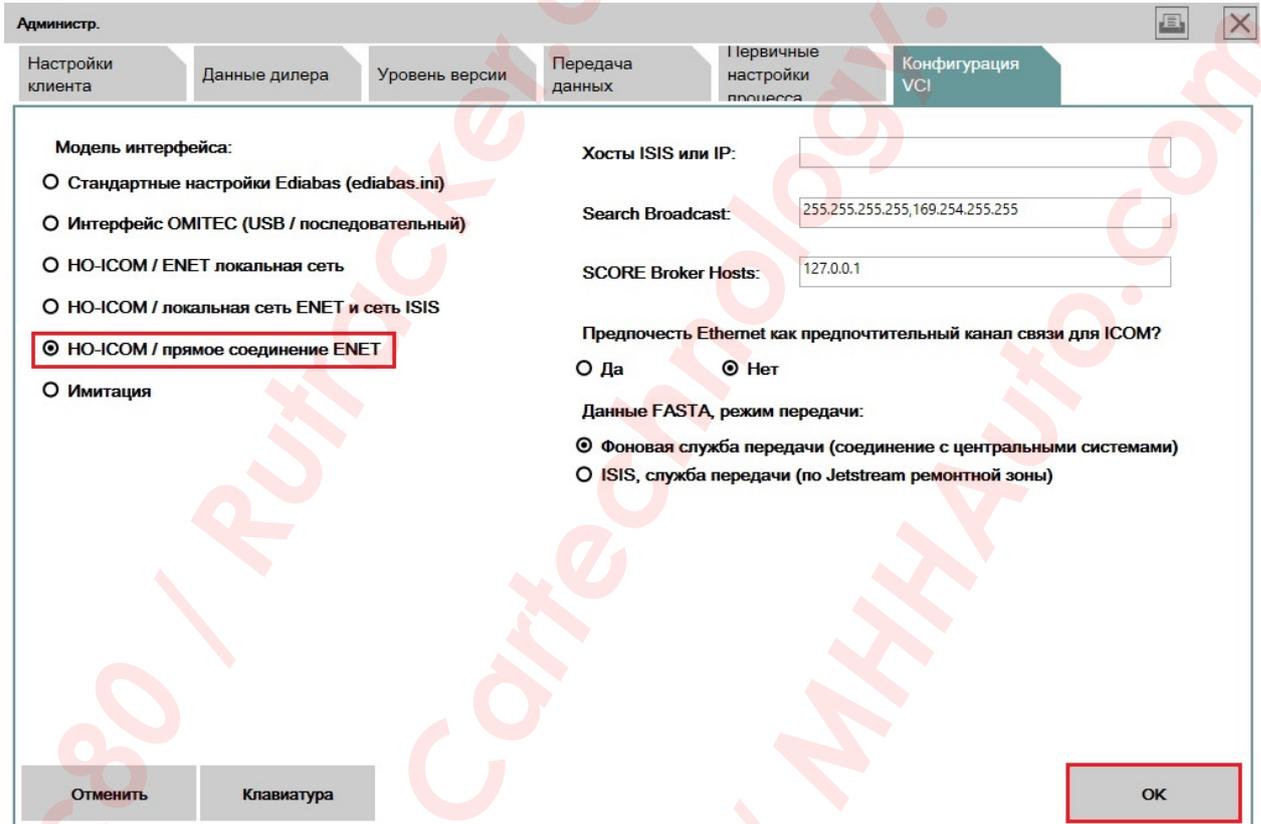


Look **Hotkeys** in *ISTA-P Loader* program.



## Setting ENET for ISTA-D

Disable Your antivirus, firewall & turn off WIFI. Connect **ENET** cable to car & PC. Turn on ignition and wait a couple minutes. Run ISTA-D, then open settings and select **VCI Config** tab and fill all how on screenshot below.



Администр.

Настройки клиента | Данные дилера | Уровень версии | Передача данных | Первичные настройки процесса | **Конфигурация VCI**

**Модель интерфейса:**

- Стандартные настройки Ediabab (ediabas.ini)
- Интерфейс OMITEC (USB / последовательный)
- HO-ICOM / ENET локальная сеть
- HO-ICOM / локальная сеть ENET и сеть ISIS
- HO-ICOM / прямое соединение ENET**
- Имитация

Хосты ISIS или IP:

Search Broadcast:

SCORE Broker Hosts:

Предпочсть Ethernet как предпочтительный канал связи для ICOM?

- Да
- Нет

Данные FASTA, режим передачи:

- Фоновая служба передачи (соединение с центральными системами)
- ISIS, служба передачи (по Jetstream ремонтной зоны)

Отменить | Клавиатура | **OK**

Then select **ENET** mode with empty **IP-Address** field during connection setup.

IP-соединение

IP-адрес:

Тип VCI:

ICOM

ENET

Отменить    Клавиатура    OK

Alternatively you could select other mode of connection in **VCI Config** tab.

Администр.

Настройки клиента    Данные дилера    Уровень версии    Передача данных    Первичные настройки процесса    Конфигурация VCI

Модель интерфейса:

Стандартные настройки Ediabas (ediabas.ini)

Интерфейс OMITEC (USB / последовательный)

HO-ICOM / ENET локальная сеть

HO-ICOM / локальная сеть ENET и сеть ISIS

HO-ICOM / прямое соединение ENET

Имитация

Хосты ISIS или IP:

Search Broadcast: 255.255.255.255, 169.254.255.255

SCORE Broker Hosts: 127.0.0.1

Предпочсть Ethernet как предпочтительный канал связи для ICOM?

Да     Нет

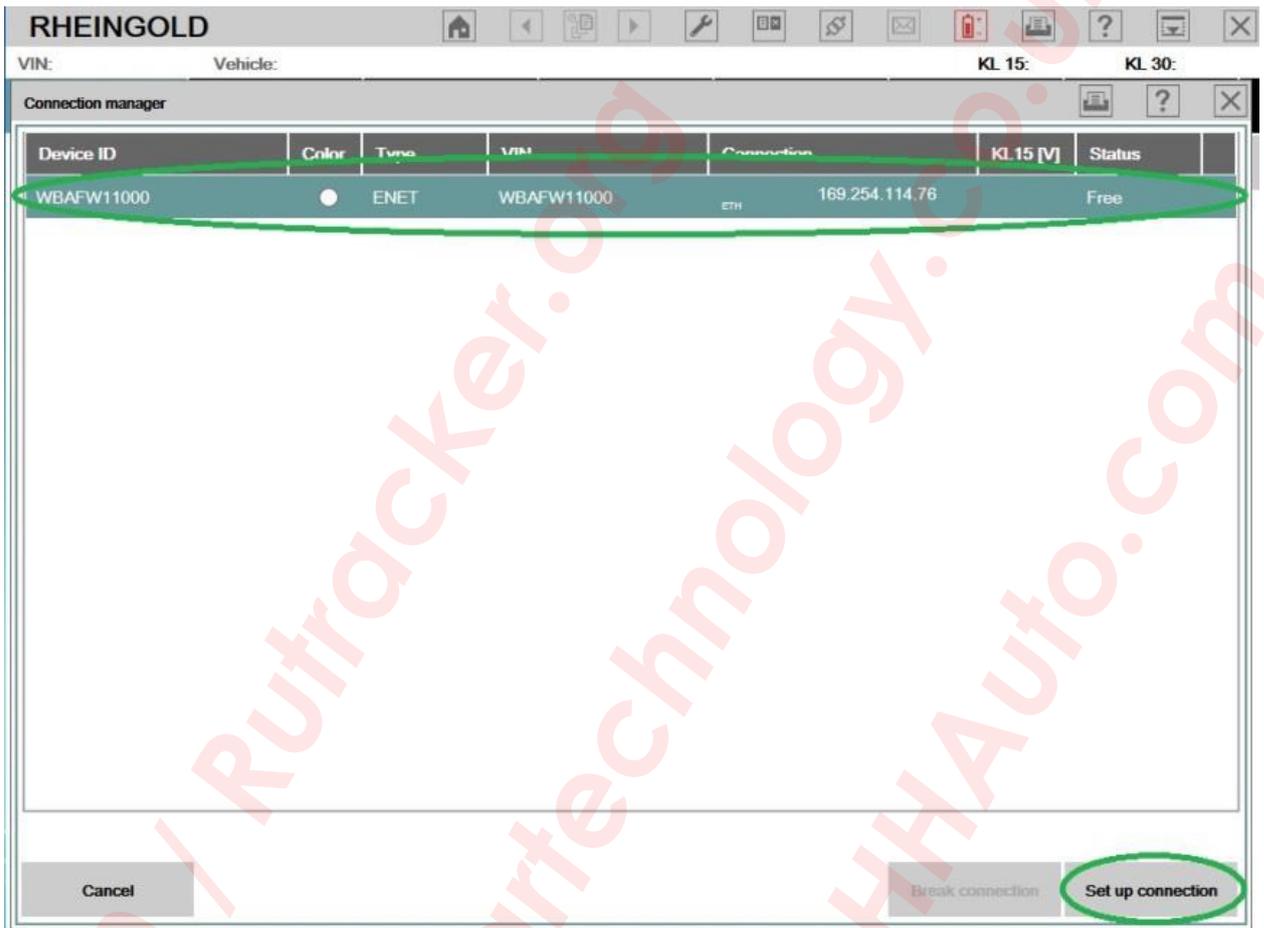
Данные FASTA, режим передачи:

Фоновая служба передачи (соединение с центральными системами)

ISIS, служба передачи (по Jetstream ремонтной зоны)

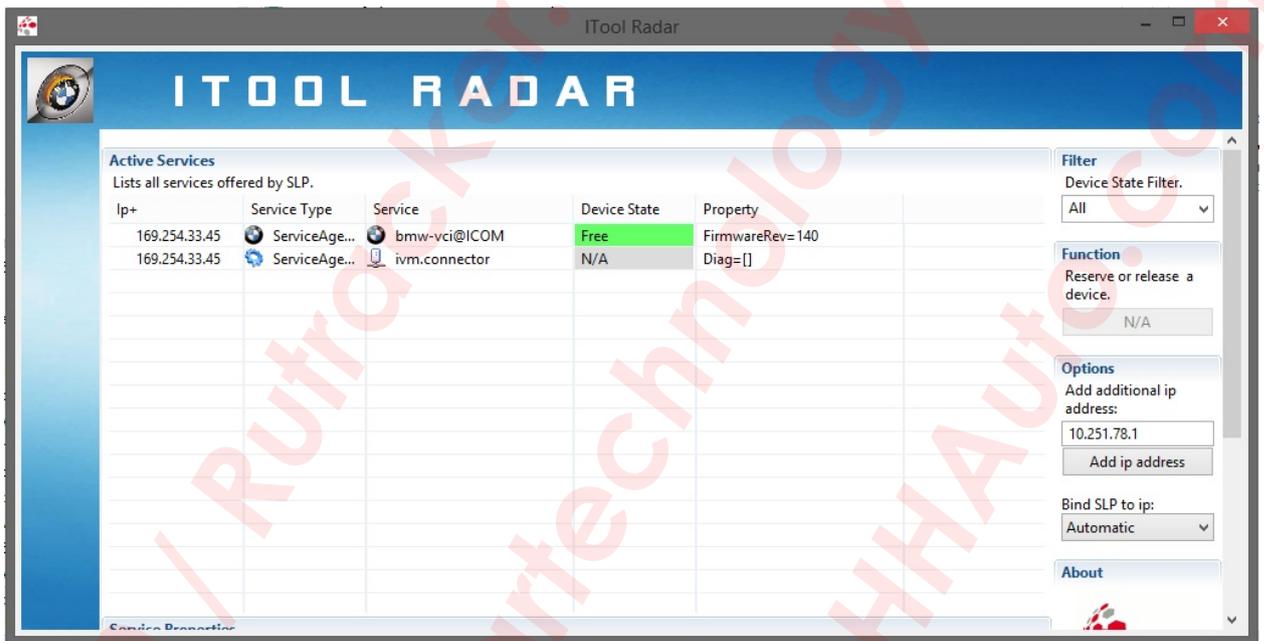
Отменить    Клавиатура    OK

In that case You will see VIN & IP address as on screenshot below. Select your **ENET connection** from the list and press **Set up connection** button.

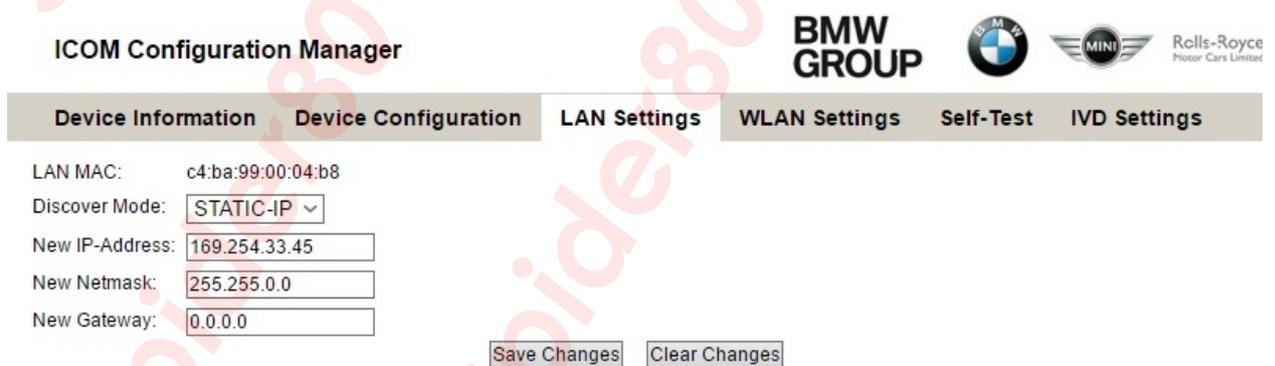


## Setting ICOM adapter

ICOM Connect to a PC via a LAN cable and powered it through the diagnostic connector. Run IToolRadar and wait until your ICOM will appear in it. IP address at all the screenshots below, from my ICOM. You will most likely be 169.254.92.38 or even any. All of the examples below, will be presented with the IP address of my ICOM. You everywhere write your IP.



Open the browser and type in the address bar [169.254.33.45:58000/?countrycode=de](http://169.254.33.45:58000/?countrycode=de). In the window that opens, select the **LAN Settings** and fill as in the screenshot below. At the end click **Save Changes**.



If in your ICOM installed WIFI card, select the **WLAN Settings** and fill as in the screenshot below. At the end click **Save Changes**.

**ICOM Configuration Manager**

BMW GROUP   Rolls-Royce  
Pilot Car Limited

Device Information   **Device Configuration**   LAN Settings   **WLAN Settings**   Self-Test   IVD Settings

WLAN MAC: 00:0d:67:00:00:01

Country:

Mode:

SSID:

Security Type:

Pre-shared Key:  Show characters

Next, choose the **Device Configuration** and choose in line **Mode** the **ISPI-Next**. At the end click **Save Changes**.

**ICOM Configuration Manager**

BMW GROUP   Rolls-Royce  
Pilot Car Limited

Device Information   **Device Configuration**   LAN Settings   WLAN Settings   Self-Test   IVD Settings

Device Name:

Device Color:

Mode:

## Configuring connectivity ICOM through WIFI

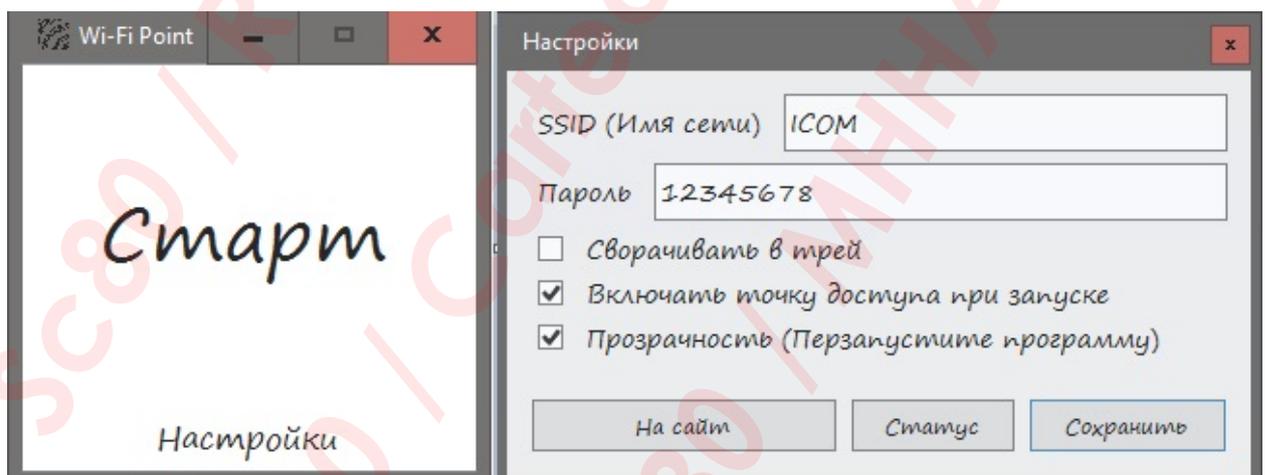
For the connection of ICOM through WIFI and need a virtual router. Here is a list of virtual routers, checked by me on the operability :

1. mHotspot
2. MyPublicWiFi
3. VirtualRouter
4. VirtualRouterPlus
5. Wi-Fi\_Point.

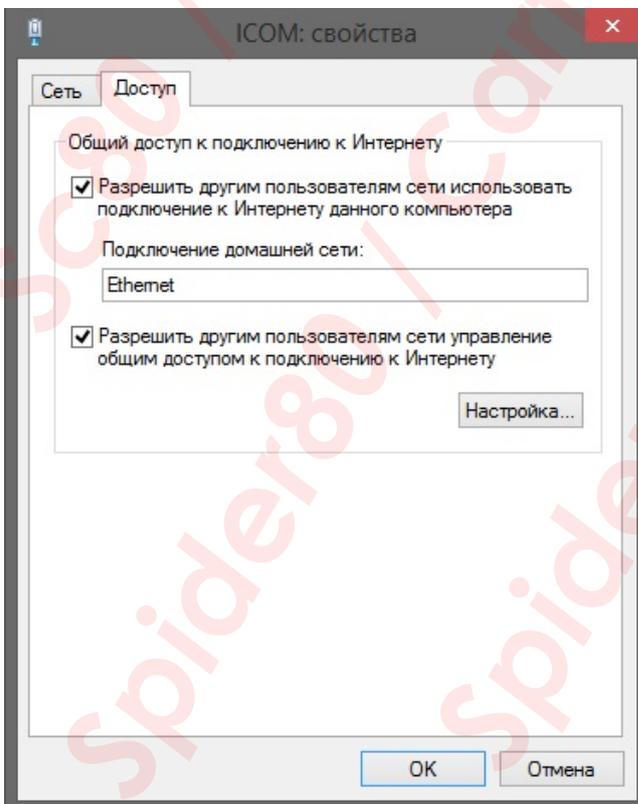
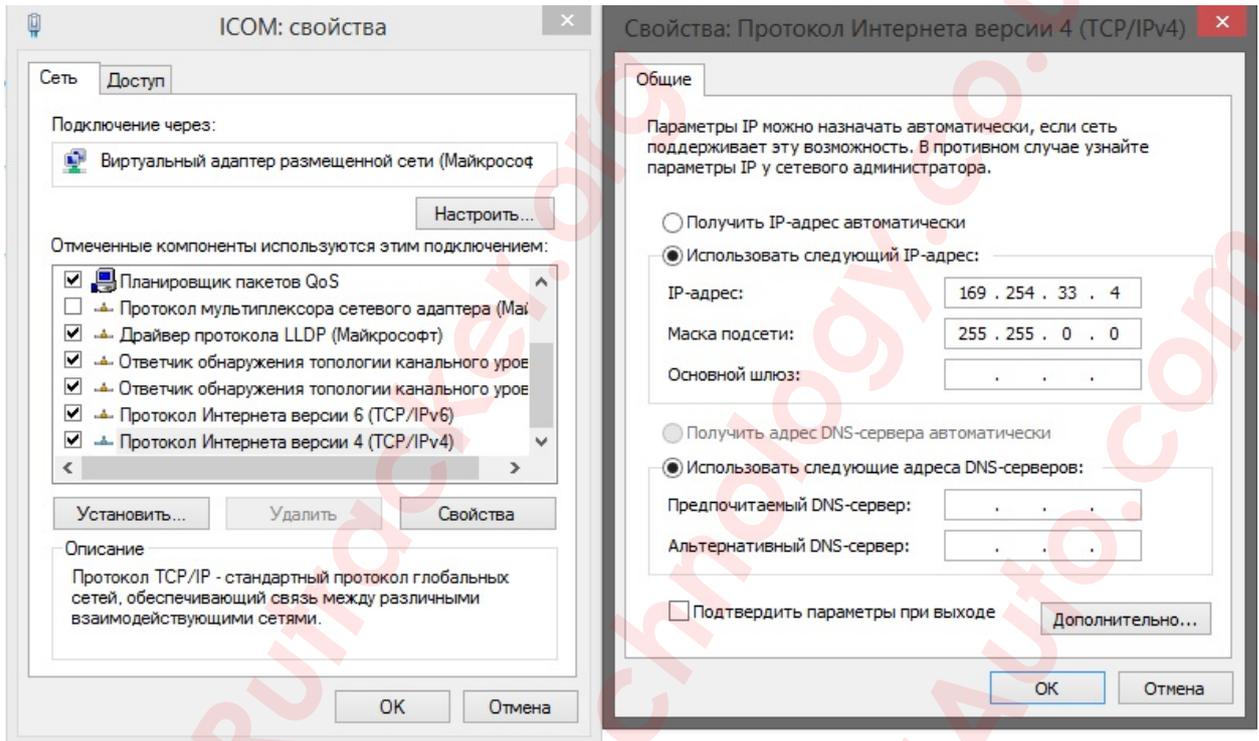
There is one problem, if you have Wi-Fi card **INTEL** installed in your PC, ICOM can't be connected. A card is required, either **Atheros** or **Broadcom**.

I personally use a **Wi-Fi\_Point**, it's free and does not require installation, so the show tune from his example. Settings of the other is no different.

And so, we run the **Wi-Fi\_Point** and in the window that opens, click **Настройка**. In the field, enter the **SSID - ICOM**, **пароль - 12345678**, that is the same that was introduced into the **WLAN Settings** window in the web interface of ICOM. Put a check mark, as shown below, and click **Сохранить**. Then click **Старт**.



After the launch of the virtual router in the **Network Connections** menu, there is the **Local Area Connection (Microsoft Hosted Network Virtual Adapter)**, in my case **ICOM**. Then go to its settings. Fill in all as in the screenshots below.



Click OK and continue to the ISTA-D. Start ISTA-D and change setting in **VCI Configuration** tab as shown on the screenshot below.

Administration

Настройки клиента | Данные дилера | Уровень версии | Передача данных | Рассмотрение проблемы | **Конфигурация VCI**

Модель интерфейса:

- Стандартные настройки Ediabas (ediabas.ini)
- Интерфейс OMITEC (USB / последовательный)
- HO-ICOM / ENET локальная сеть**
- HO-ICOM / локальная сеть ENET и сеть ISIS
- HO-ICOM / прямое соединение ENET
- Имитация

Хосты ISIS или IP:

Search Broadcast:

SCORE Broker Hosts:

Предпочсть Ethernet как предпочтительный канал связи для ICOM?

- Да
- Нет**

Данные FASTA, режим передачи:

- Фоновая служба передачи (соединение с центральными системами)
- ISIS, служба передачи (по Jetstream ремонтной зоны)

Отменить | Клавиатура | **OK**

Next, go to the diagnosis. If when reading the vehicle the following window appears, set the cross to the right of **Free**, in the box. On the resulting query **Set ICOM [ICOMxxxxxxx] as a standard ICOM ?**, answer **Yes**.

Менеджер соединений

Наименование	Цвет	Тип	идентификационный но	Подключение	KL15 [V]	Статус
ICOM	●	ICOM	D-CAN K-Line	169.254.33.45	0.0 V	Free

Квитирование

Установить ICOM [ ] как стандартный ICOM?

Нет | **Да**

Отменить | Отключить соединение | Установить соединение

Стандартный ICOM

## Firmware update ICOM

Open the browser and type in the address bar **169.254.33.45:60080**. Do not forget that you can have a different IP. In the window that opens, enter:

User name: **root**

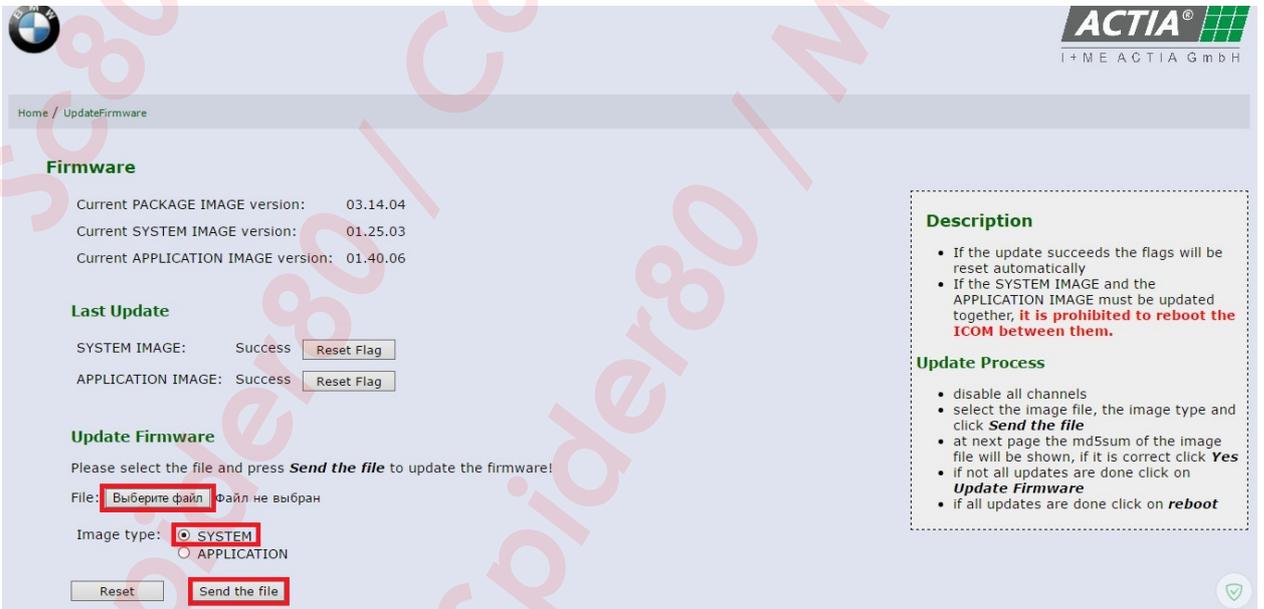
Password: **NZY11502**.

In the next window, click **Update Firmware**.



LAN Settings	Display and configure the settings of the LAN interface.
Channel/Device Configuration	Status of the vehicle communication channels, attached devices and Klemme 15/30.
Device Information	Display system information and configure it.
Self-Test	Show last self test result and run self test.
Update Firmware	Updates the SYSTEM and APPLICATION IMAGE.
Debug logfiles	Set all debug output files and provide it for download.
Reboot	

Next, select the update file **ICOM-BootImage-xx-xx-xx.bin**, the latest version at the time of the update, and click **Send the file**. In ICOM start flashing red LEDs.



Home / UpdateFirmware

### Firmware

Current PACKAGE IMAGE version: 03.14.04  
 Current SYSTEM IMAGE version: 01.25.03  
 Current APPLICATION IMAGE version: 01.40.06

#### Last Update

SYSTEM IMAGE: Success   
 APPLICATION IMAGE: Success

#### Update Firmware

Please select the file and press **Send the file** to update the firmware!

File:  Файл не выбран

Image type:  SYSTEM  
 APPLICATION

#### Description

- If the update succeeds the flags will be reset automatically
- If the SYSTEM IMAGE and the APPLICATION IMAGE must be updated together, **it is prohibited to reboot the ICOM between them.**

#### Update Process

- disable all channels
- select the image file, the image type and click **Send the file**
- at next page the md5sum of the image file will be shown, if it is correct click **Yes**
- if not all updates are done click on **Update Firmware**
- if all updates are done click on **reboot**

In the next window click **Update Firmware** after the successful upgrade.



ACTIA®  
I+ME ACTIA GmbH

Home / UpdateFirmware

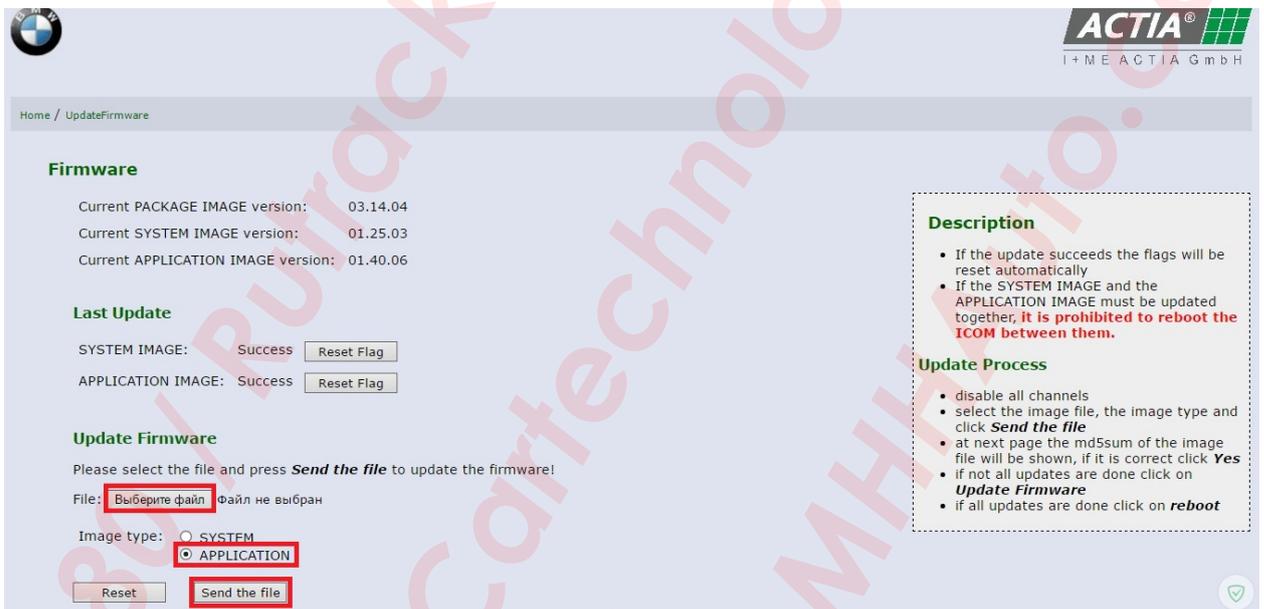
### Update Firmware

The SYSTEM IMAGE update was successful.

If APPLICATION IMAGE must be updated too, click **Update Firmware**.

If all updates done **reboot** the device to activate the new image.

Next, select the update file **ICOM-ApplicationImage-xx-xx-xx.bin**, the latest version at the time of the update, and click **Send the file**.



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### Firmware

Current PACKAGE IMAGE version: 03.14.04  
Current SYSTEM IMAGE version: 01.25.03  
Current APPLICATION IMAGE version: 01.40.06

#### Last Update

SYSTEM IMAGE: Success **Reset Flag**  
APPLICATION IMAGE: Success **Reset Flag**

#### Update Firmware

Please select the file and press **Send the file** to update the firmware!

File: **Выберите файл** Файл не выбран

Image type:  SYSTEM  **APPLICATION**

**Reset** **Send the file**

#### Description

- If the update succeeds the flags will be reset automatically
- If the SYSTEM IMAGE and the APPLICATION IMAGE must be updated together, **it is prohibited to reboot the ICOM between them.**

#### Update Process

- disable all channels
- select the image file, the image type and click **Send the file**
- at next page the md5sum of the image file will be shown, if it is correct click **Yes**
- if not all updates are done click on **Update Firmware**
- if all updates are done click on **reboot**

We are waiting for the update. In the next window, click Reboot. After that ICOM should reboot.



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### Update Firmware

The SYSTEM IMAGE update was successful.

If APPLICATION IMAGE must be updated too, click Update Firmware.

If all updates done **reboot** the device to activate the new image.

All done.

If after upgrade, you can not go to the web interface of ICOM, it is likely that the IP has changed. All what you need to recover the firmware of the ICOM is in the archive [Restore ICOM.7z](#). To assign a standard IP 169.254.92.38, take a clean USB flash drive and copy the files [USER.settings](#) and [user.settings.log](#), insert the USB flash drive into an available ICOM and wait when the running track will replace the LED color from red to green, and then the flash drive can be removed. If you need another IP, edit the file in Notepad [USER.settings](#), before being copied to a USB flash drive.

If the upgrade process there was a failure at some point or the ICOM does not restart at the end, then you're out of luck and will have to pick up the soldering iron. But before you blow off flash chip, try to roll back using [ICOM\\_Restore.bin](#) file and repeat the update again. Copy [ICOM\\_Restore.bin](#) to clean flash drive, insert it into the ICOM, press and hold the [Reset](#) button on the ICOM, supply it with power. All LEDs will light up red and then release the button and press it three times all LEDs flash red. We wait for about a minute and restart ICOM. If you revert failed and the ICOM observed non-standard symptoms, you have to change the flash chip. Very often when you upgrade falls the flash chip [K9F2G08U0BPCB0](#). A sure sign of fall flash chip is a small amount of free space.

#### Device Information

Device Type: TYPE\_ICOM  
 CPU Type: MPC5200 @ 400MHz; PPC G2 compatible  
 Board Description: ICOM, I+ME-Actia, IR11643F  
 Hardware Version: 164306  
 Device serial number: ICOM1120134  
 USB-Stick: Not connected

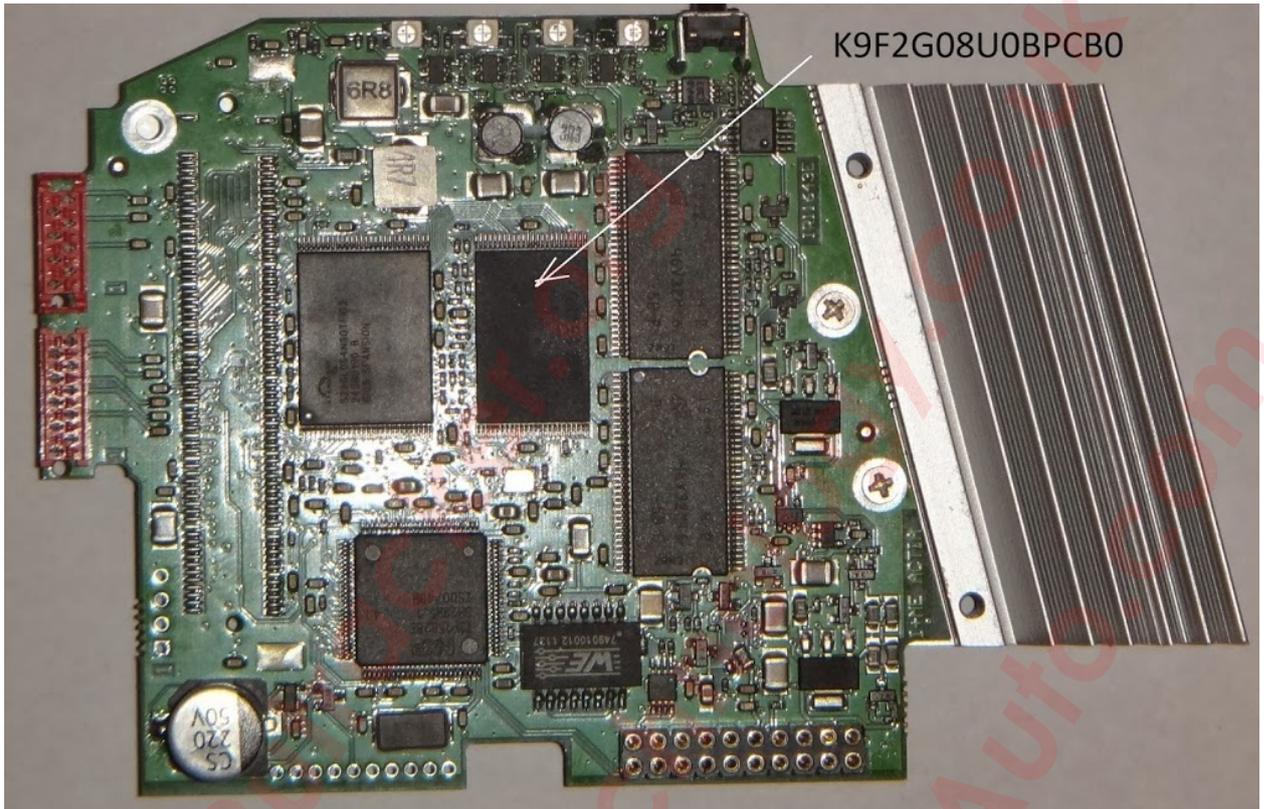
#### Size / Free Space

What	Size (kbytes)	Free (kbytes)
RAM	262144	2668
/	3584	3368
/app	126976	56744
/tmp	128600	79060
/config	8192	3368

Symptoms of the fall of the flash chip:

1. ICOM-BootImage upgrade success, ICOM-ApplicationImage not, at the time of download ICOM LED flashes red.
2. At boot time, ICOM flashing green LED and is not loaded.
3. At the first seconds of the boot ICOM, the LED flashes red, but then turns green and ICOM loaded.
4. In the beginning, all the LEDs flash red on and off.
5. ICOM is loaded, but the program is constantly changing status.

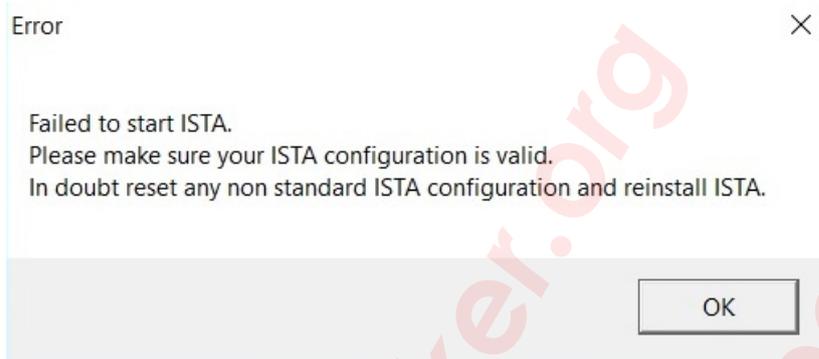
I warn fans to remove the chip, with the ax, nichrome filament, blades, needles, ICOM card in a very delicate and the slightest overheating or attempt to raise the legs lead to the detachment filament tracks. The board under the flash chip a lot of empty dimes, which are easy to fly off even with careful removal flash. This need not be scared as they are empty, and are not connected to other components.



If you restore the firmware has failed, and you have seen one of the above symptoms:

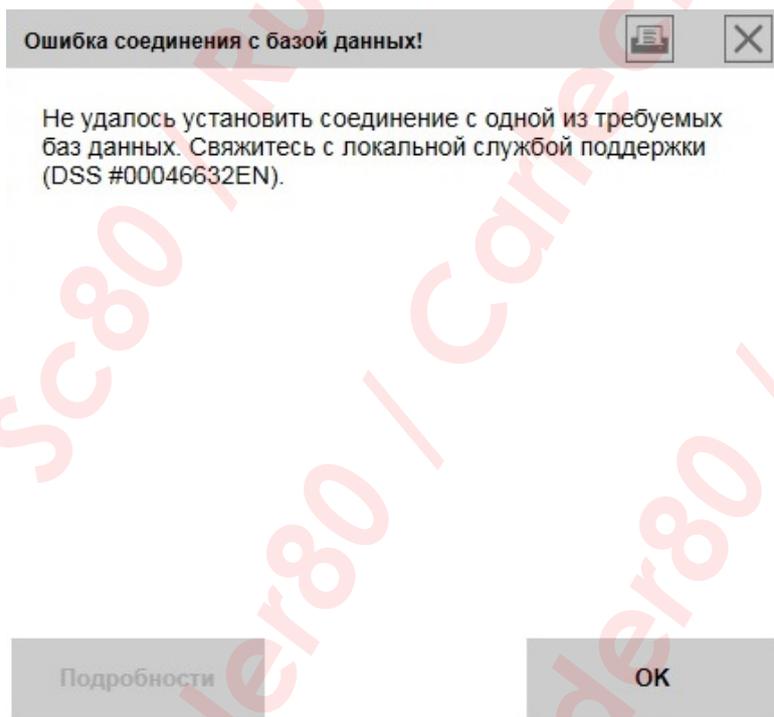
1. Remove flash chip [K9F2G08U0BPCB0](#).
2. Soldering a new one.
3. Restore via USB drive with [ICOM\\_Restore.bin](#).
4. Update the firmware via the web interface.

## Errors & their solutions



This error have several reasons:

1. Not all vcredist installed. Basically [vcredist 2013 x86](#) and [vcredist 2015 x86](#).
2. Do not [RCleanerV4.4.exe](#) was launched or it is not fully worked. There were traces in the registry from a previous installation.
3. Clean the [hosts](#) file.
4. There is no bases in [SQLiteDBs](#) folder.



This is perhaps the most common error. When this error, check the contents of the folder [SQLiteDBs](#). Not properly or not fully unpacked base. An example of how it should look like the content is in the chapter [Installation ISTA-D](#). Also, this error occurs when you first start ISTA-D if the above named folder does not contain the base EN, because the default interface language is English. Just change the language setting on yours and, if that database is in a folder, the error no longer appears. On Windows 10, this may be a permission restriction if Rheingold is installed on drive C. Move the Rheingold folder to [C:\users\“user name”](#).

ISTA+ Administration

BMW Service MINI Service

Настройки клиента | Данные дилера | **Уровень версии** | Передача данных | Рассмотрение проблемы | Конфигурация VCI

Наименование пакета	Подсистема	Вариант	Дата	Пара.
Rheingold	System	4.1.21.17412	09.09.2016	
Rheingold	Data	R--	09.09.2016	
Rheingold	Global Data	4.01.20	09.09.2016	
Rheingold	Language Data	4.01.20	09.09.2016	
Rheingold	ISTA Database	4.01.20	23.08.2016	
Rheingold	ISTA DB StreamDataPrimitive OTHER	4.01.20	23.08.2016	
Rheingold	ISTA DB StreamDataPrimitive RU	4.01.20	23.08.2016	
Rheingold	ISTA DB XmlValuePrimitive OTHER	4.01.20	23.08.2016	
Rheingold	ISTA DB XmlValuePrimitive RU	4.01.20	23.08.2016	
Rheingold	ISTAGUI	4.01.21.17412	25.08.2016	2784 kB
Rheingold	RheingoldCoreFramework	4.01.10.17412	25.08.2016	9782 kB
Rheingold	RheingoldPresentationFramework	4.01.10.17412	25.08.2016	1480 kB
Rheingold	RheingoldSessionController	4.01.21.17412	25.08.2016	456 kB

Отменить OK

It's simple, is not applied *ISTA-D Reg Fix* from the *Tools* folder. Or not applied for their bit. Use it again, sometimes changes to the registry are not made immediately, on some systems.

ISTA+ Administration

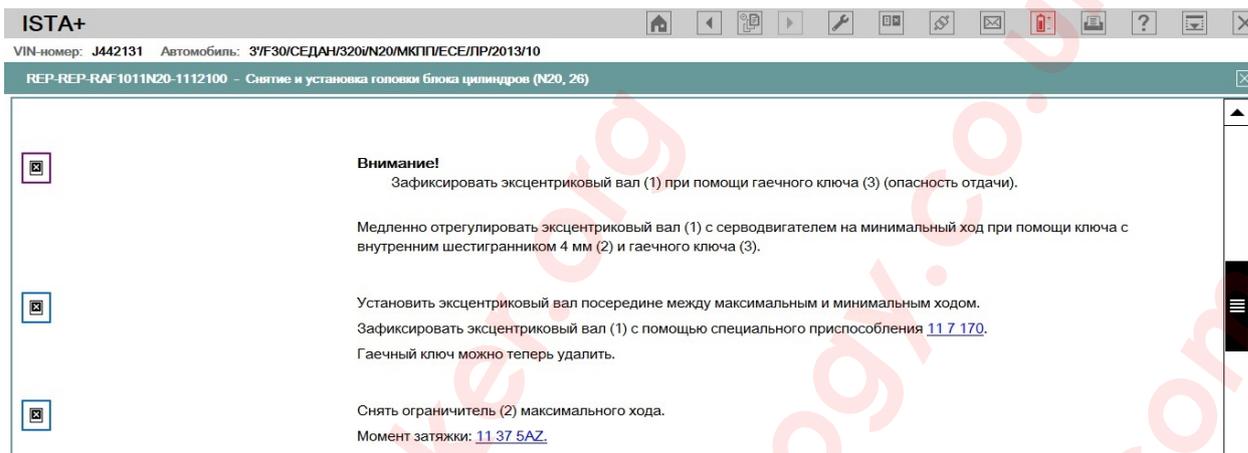
VIN Vehicle

Client settings | Dealer data | **Version** | Transfer Monitor | Problem handling | VCI Config

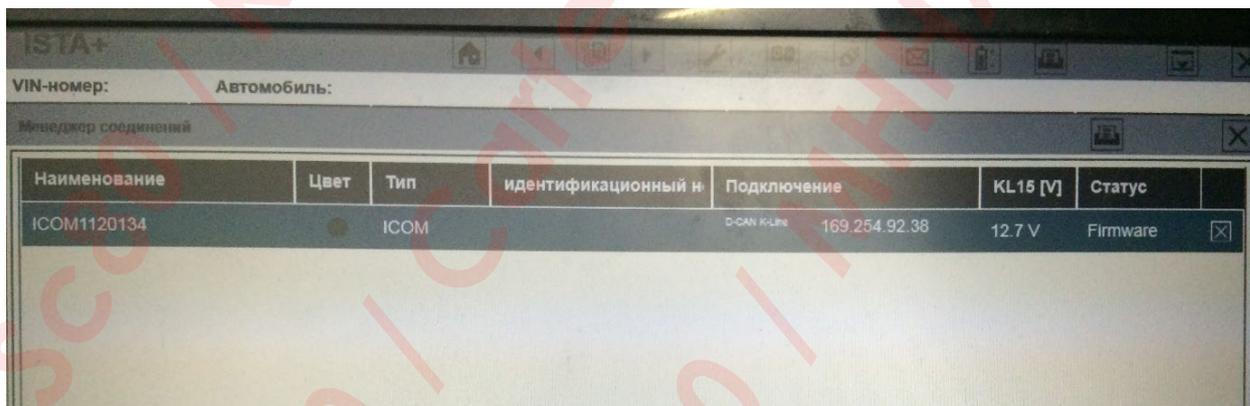
Package designation	Subsystem	Version	Date	Size
Rheingold	System	4.01.21.17412	30.09.2016	
Rheingold	Data	R--	30.09.2016	
Rheingold	Global Data	--	30.09.2016	
Rheingold	Language Data	--	30.09.2016	
Rheingold	ISTAGUI	4.01.21.17412	25.08.2016	2784 kB
Rheingold	RheingoldCoreFramework	4.01.10.17412	25.08.2016	9782 kB
Rheingold	RheingoldPresentationFramework	4.01.10.17412	25.08.2016	1480 kB
Rheingold	RheingoldSessionController	4.01.21.17412	25.08.2016	456 kB
Rheingold	RheingoldFASTA	4.01.10.17412	25.08.2016	697 kB
Rheingold	RheingoldInfoProvider	4.01.10.17412	25.08.2016	726 kB
Rheingold	RheingoldProgramming	4.01.10.17412	25.08.2016	818 kB
Rheingold	RheingoldDatabaseSQLiteConnector	4.01.10.17412	25.08.2016	585 kB
Rheingold	RheingoldxVM	4.01.10.17412	25.08.2016	158 kB

Cancel OK

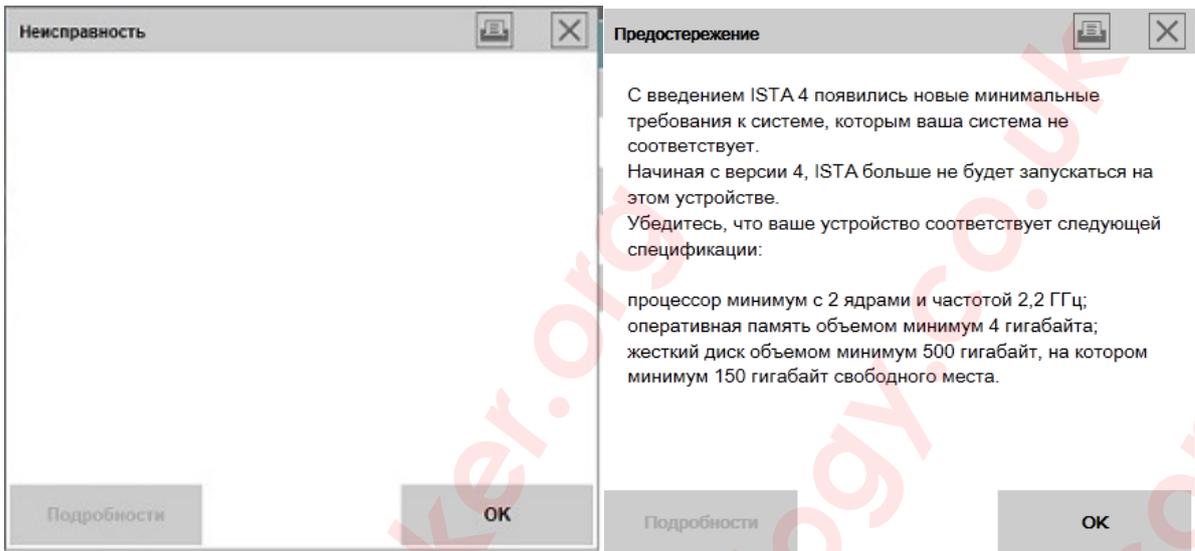
Again, check the contents of the folder *SQLiteDBs*. Not properly or not fully unpacked base. As you can see on the screenshot, the base even in the list of missing.



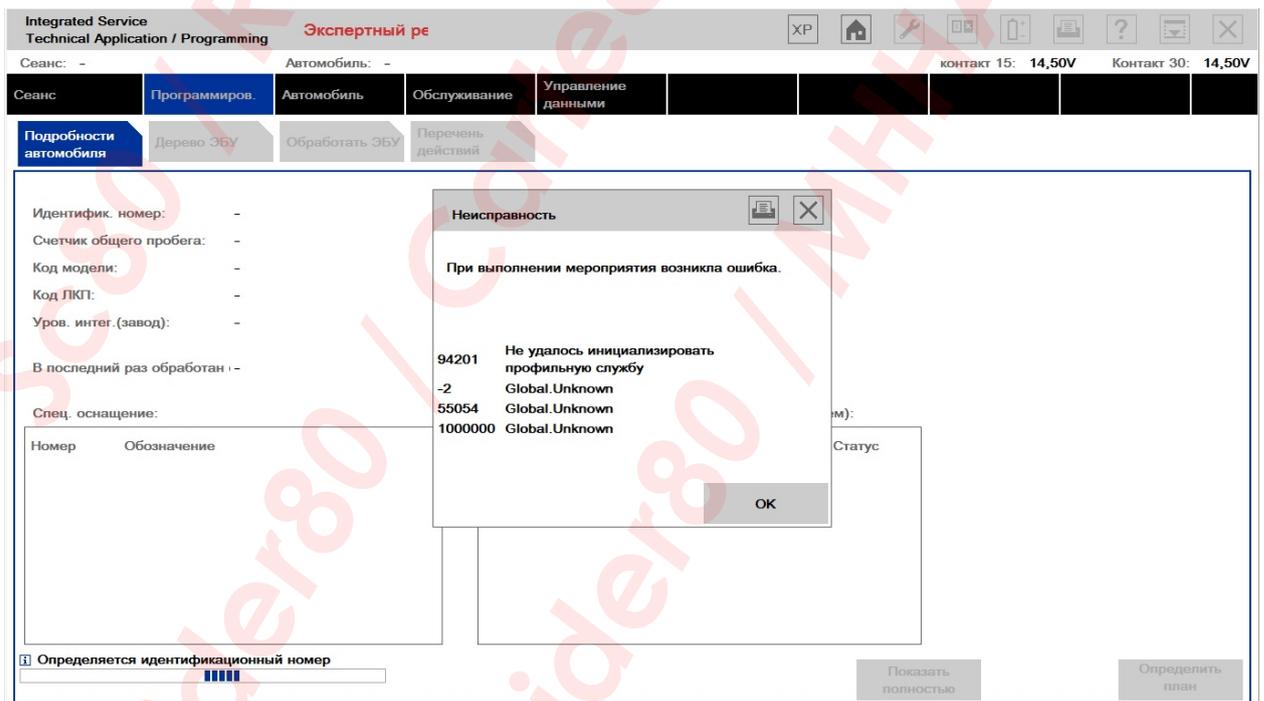
Squares instead of images. The problem with this error in the username folder. When you install Windows, it was necessary to enter a user name in the Latin alphabet. Cyrillic program does not digest. Decisions of the two, or create a second user with the name in Latin, or reinstall Windows.



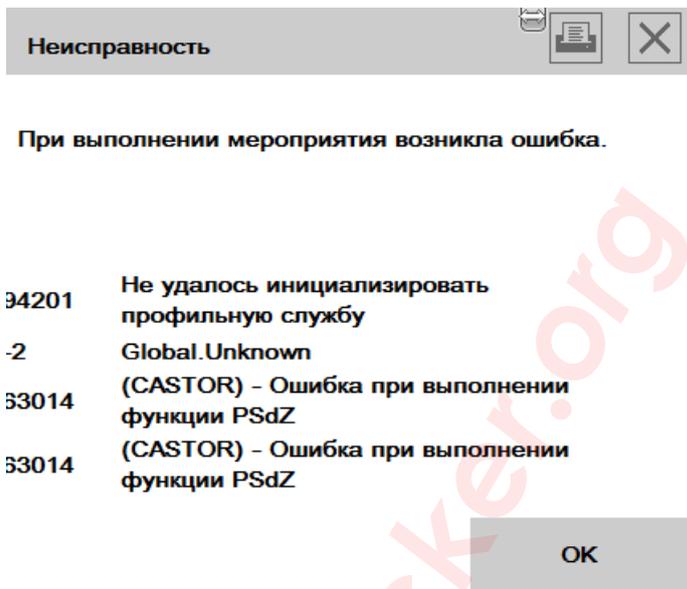
Here ISTA-D requests to update the firmware of ICOM. How do that you can read in the chapter *Firmware update ICOM*.



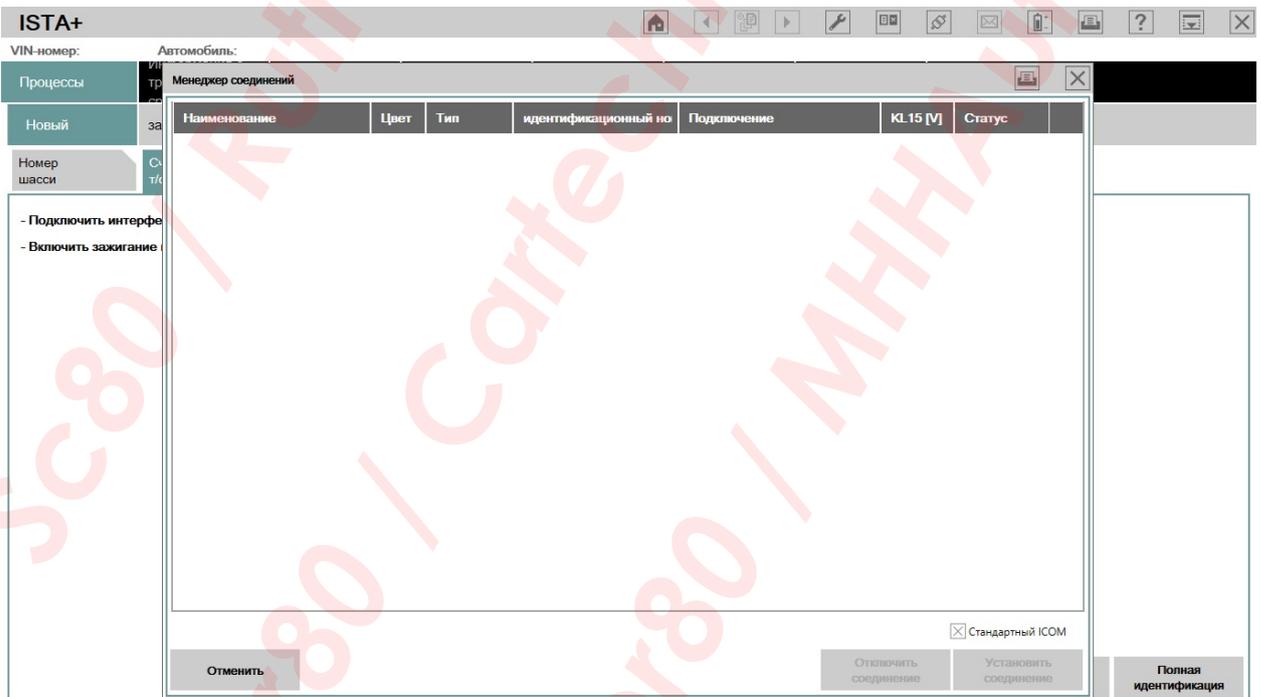
These two faults indicate that your time to a computer in the trash. The one on the left says about the lack of free space on the disk where you installed ISTA-D. It must be 150 or more GB of free space. It can be ignored and click not OK, and X in the upper right corner. The one on the right speaks for itself. Exits two, use a modified ISTA-D, or buy a normal PC.



This error indicates that someone has not read the chapter [Setting K-DCAN adapter](#), and incorrectly configured [EDIABAS](#) or [NetworkTool](#). No connection to the adapter. Or your K-DCAN is dead.

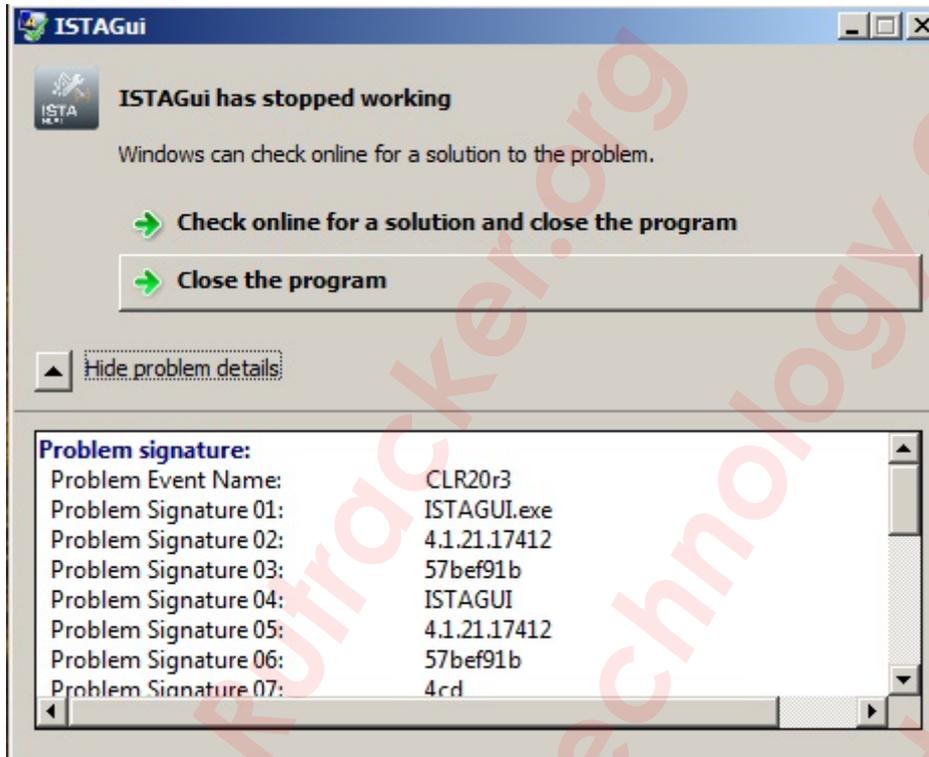


Here you again need to update the firmware ICOM or re unpack ISTA-P with 7-zip.



Anyone who sees such a screen when you try to connect to the car, when setting VCI **"HO-ICOM / ENET local network"** through WIFI, the problem lies in your WIFI card driver. Try to roll back the driver to the older version. For example, I have a WIFI card Atheros AR956x. On Win7 and Win10 everything works like clockwork, and Win8.1 refused. The driver was **10.0.0.326**, rolled to **10.0.0.285** and everything worked fine. From the principle I tried to update the driver again, and again everything stopped working. So try to play around with drivers and find a best one.

There is another common error. If after starting *ISTAGUI.exe* nothing happens and does not return any errors, check the installation of *netFramework 4.7.2*, without it *ISTA* will not run.



If we see such a window with an error, then it is necessary to update Windows with the latest updates. This usually refers to Windows 7, but is also found on other, non-updated systems.