Bosch Diagnostics: KTS 570 Installation Guide

Congratulations for making a decision to invest in Vetronix-Bosch products, the world-wide leader in Automotive Diagnostics!

Warning! It is very important to follow the enclosed Quick Start Guide to ensure successful initial setup and usage of your new Bosch product!

Some Things You Should Know



When performing any checks with the engine running in an enclosed space such as a garage, be sure there is proper ventilation. Never inhale exhaust gases; they contain carbon monoxide, a colorless, odorless, extremely dangerous gas which can cause unconsciousness or death.



Always set the parking brake securely and block the drive wheels before performing any checks or repairs on the vehicle.

Bosch Diagnostics: KTS 570 Installation Guide

!!! Attention !!!



Thank you for purchasing one of the finest diagnostic tools available. Please take the time to read this guide to assist you in the initial setup and usage of this tool.

The Quick Start Guide will assist you in the initial setup and configuration to make sure that your initial experience will be as smooth as possible.



If you find that the kit is missing any components, please call Customer Support.

Toll Free: 800-321-4889 ext 4



If you are experiencing any difficulty during the initial setup phase please call Technical Support.

Toll Free: 800-321-4889 ext 21

KTS 570 ESI[tronic] Software Installation Instructions

Before you get started:

- Save the Packing Slip that came with your KTS 570 as it has account information you will need during the release process.
- Please disable any Bluetooth drivers on your laptop or pc where you are loading ESI[tronic]
- Verify your computer's date and time is accurate (incorrect dates can adversely affect the software security release process)
- Close all Windows programs, turn off screen-savers, and disable any anti-virus software.

CAUTION! Do not forget to enable your anti-virus software after installation and software security release code activation are complete.

Step 1: INSTALLING THE BOSCH APPLICATIONS MENU

- 1. Insert the ESI[tronic] DVD 200x/1 (e.g., 2006/1) into the DVD drive of your PC.
- 2. Double click **My Computer** on the desktop.
- 3. Locate and double click the **DVD Drive** in the *Folders* list (typically D).
- 4. Double click the folder **baa**.



5. Double click **RBSetup**.

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File Edit View Favorites Tools	Help					11
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6. In the upper right corner, confirm language is set to English (or to the language of your Windows operating system). Use the up and down arrows to make your selection.



- 7. Press **F12** on your keyboard or double click the icon next to F12 on the screen to continue.
- 8. Read the installation agreement and click **Accept**.
- 9. Read the liability statement and click Accept.
- 10. The *Setup Completed* message appears. Leave the DVD in the DVD drive and click **OK** or press **Enter**. The PC will be restart.
- 11. The Bosch Applications Menu has now been successfully loaded.

STEP 2: INSTALLING ESI[tronic] SOFTWARE

- 1. After the system restarts, connect the KTS 570 to the PC via USB cable and supply external power to the KTS.
- 2. Double click **Software Installation** in the Bosch Applications Menu.



3. In the *Welcome* window, confirm that the language setting is correct and Click **Continue**.

The Kind/type of installation window appears.

- 4. Select Local installation (standalone) radio button.
- 5. Select by highlighting (clicking on) **User Defined** as the *Installation type*.

	Please select the kind of installation and an installation type	
ESI[tronic		
and the second	Kind of installation Local installation (standalone)	
	C The Network Installation (Server, Workstation)	
	Installation type	
S	Minimum Standard (I-Key)	
V E	User defined	
e BOS	Eully configurable installation.	
	I-Key:	
i i		

6. Click Continue.

The Directories window appears.

7. Specify the directories in which the program files and data will be stored and click **Continue**. See below figure for recommended settings. (Note: the software will automatically default to the recommended settings as shown below).

ESI[tronic]	Specify the directories in which the program are to be allowed	n filez and order dela
	EST program directory	
S 3	ESI order directory	
andsch.	CAESNAWYag	Frit

The ESI[tronic] program components window appears.

IMPORTANT STEP!

8. Confirm the appropriate settings are checked, as in the figure below and Click Continue. <u>ESI[tronic] program, KTS 5xx/650 program [CAS], and Data-</u><u>download must be selected;</u> Screen saver is optional.



The Data-download update window appears.

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Components/into type Nes		Doveninasi data to deve	
Vohiclo equipment	A ± 725.M8	C\ 44.329,92 MB free	
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C-Archive	CA 3125 MB		
Diesel service parts	D1/2 1916 MB		
Electrical service parts	E1/2 1301 MB		
Archive	F		
Component instructions	K 155 M8		
K Archive	KA 1464 MB		
Mechanical	M mane 2		

9. These steps download data from the software DVD to your hard-drive. To add a module, use your mouse to drag the module name from the left column to the right column. Only those modules subscribed to will function. The example below is for customers who subscribed to A, C12 Diagnostic Software.

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Components info type Nes	_	Download data to dive	2
Componentilihibitipos Bes Work units C-Archive Diesel service parts Electrical service parts Archive Component instructions K Archive K Archive Mechanical Circuit diagrams	8 220 M8 CA 9125 M8 D1/2 1916 M8 EL/2 1301 M8 F 198 M8 K 1355 M8 KA 1404 M8 M 2905 M8 F 349 M8	Converting of data to othere C(1 42.325,26 MB free Vehicle equipment Vehicle disgnosis	A 725 MS CL/2 1277 MB
Automotive service	5 70100 🗶	n	

The example below is for customers who subscribed to modules A, C, M, P – both Diagnostic Software and Information Software subscriptions.



NOTE: The 3000+ MB of data in the Archive DVD can be loaded on to your hard drive (provided there is space) or accessed directly from the DVD when needed. If you wish to load the Archive information to your hard drive, drag it from the left column to the right column at this time. You will be prompted by the software later in the installation process to insert the Archive disc.

10. Once the correct modules have been dragged from the left column to the right column, Click **Continue**.

The Start Copying window appears.

11. Confirm that the proper components will be installed to the correct drive on your PC and Click **Continue**.

ESI]tronic] will now begin loading on your PC. Depending on the speed of your computer and the amount of data being transferred, loading times will vary.

FIRMWARE UPDATE: During the software installation ESI[tronic] will attempt to update the firmware in the KTS 570. If the KTS 570 was connected to the PC via USB as instructed previously, the Firmware Update will be successful. If a Firmware Update Error Message appears, verify the KTS 570 is connected to the PC via USB and is powered up (verify by blinking green light on end of unit). Click OK and click green check mark if provided.

If you are unable to connect the KTS 570 at this time, you may process the Firmware Update at a later time. Click the red circle with a line through it to bypass the Firmware Update For instructions, go to the FIRMWARE UPDATE section later in this guide.

Firmware Update Error Message:

FWupdate error #057	(couldn't detect expected module in portlist)	×
Firmware update u Firmware in module	nsuccessful I could not be updated I	
Check: - Whether correc - Whether unit is - Proper attachm	t unit is connected, supplied with voltage, (does LED light ?) ent of connections at module and PC I	
If all connections a encountered, cont	re OK and this problem is repeatedly act your franchized dealer or Bosch Service.	
	[Qk	

To perform the Firmware Update at a later time, click the red circle with the line through it to bypass the Firmware Update and continue the software download:



When the ESI[tronic] software installation is complete an *Installation was successful* window will appear.

12. Make sure that the Yes, restart computer now radio button is selected and click **Restart**.

UPDATING ESI[tronic] SOFTWARE

NOTE: If your KTS 570 came with an update DVD (it would be labeled U 200x/2, 200x/3, or 200x/4), it must be loaded at this time. If your KTS 570 did not come with an update DVD, go to the *Obtaining a Release Code* section.

WARNING: If the most recent update you have received is U 2006/3, make sure the DVD has a blue "U*" with an asterisk and there is a red box with the word "wireless" in it. If you do not have this DVD, contact Customer Support at: 800-321-4889 x 4 immediately. The DVD you should use looks like the graphic below. If your most recent DVD is 2006/4 or later, please continue with that DVD.



U* 2006/3 For KTS 570

To update the software, do the following:

- 1. Ensure the KTS 570 is connected to the PC via USB and supply power to the KTS.
- 2. Insert the U (update) DVD into your DVD drive.
- 3. On the Bosch Applications Menu Double Click Software Installation.



The Update – installation type window appears.

NOTE: At this point you may select *Yes, update automatically*. **HOWEVER** it is recommended you follow the instructions below as they allow you to confirm the original installation was done correctly.



4. Select the radio button *No, perform user-defined update* and Click **Continue**.

The Data-download window will appear.

5. If your subscription is for Diagnostic software only (A, C12) your update screen should look like this:

Data-download update			×
Important note: If you do not download an update for the co least two CD/DVD drives, in order to execu	omponent/type of te the component	data and have not downloaded the basis CD/DVD, you s/types of data!	will need at
Update files for Components/info type		Save to drive	
Work units	B 207 MB	C:\ 40.989,05 MB free	Α
	D1/2	Vehicle equipment	703 MB
Electrical service parts	97 MB E1/2 68 MB	Vehicle diagnosis	C1/2 145 MB
Component instructions	K 26 MB		
Mechanical	M 87 MB		
Circuit diagrams	P 28 MB		
Automotive service	S 4 MB		
TecDoc data	TD1/2 2275 MB		
	TD3-6 🔟	1	
Help Advanced >>		< Back Continue >	Cancel

If your subscription is for Diagnostic Software and Information Software (A, C, M, P) your update screen should look like this:

Data-download update			×
Important note: If you do not download an update for the con least two CD/DVD drives, in order to execute	ponent/type of the component	data and have not downloaded the basis CD/DVD, you ts/types of data!	u will need at
Update files for Components/info type		Save to drive	
Work units	в 207 МВ	C:\ 40.872,70 MB free	۵
Diesel service parts	D1/2 97 MB	Vehicle equipment	703 MB
Electrical service parts	E1/2 68 MB	Vehicle diagnosis	145 MB
Component instructions	К 26 МВ	Mechanical	87 MB
Automotive service	S 4 MB	Circuit diagrams	28 MB
TecDoc data	TD1/2 2275 MB		
TecDoc images	TD3-6 4112 MB		
Help Advanced >>		< Back Continue >	Cancel

6. Verify the correct modules are in the right column and Click **Continue**.

The ESI[tronic] update software will now begin loading.

NOTE: During this portion of the installation, the software will "*uninstall*" the older version of the KTS and load the newer version. This is a necessary step, do not stop the download – let the process continue.



The next window will look like this:



When the software update installation is complete you will be asked to restart your computer.

ESI[tronic] Software is now loaded on the PC. Follow the instructions below for Bluetooth® installation and then go to section **OBTAINING A RELEASE CODE** to "unlock" the secured software.

KTS 570 BLUETOOTH® INSTALLATION & SETUP

To utilize the Bluetooth wireless functionality, follow the instructions below:

WARNING: Prior to installing the Bluetooth® application you must disable any Bluetooth® drivers that are already installed on your laptop / PC. For instructions please consult your laptop / PC instructions or contact the manufacturer.

- 1. Ensure the KTS 570 is connected to the PC via USB and external power is supplied to the KTS.
- 2. Ensure that any internal Bluetooth devices are disabled. Note: The KTS must use the external Bluetooth dongle for the wireless connection to work.
- Open the Bosch Diagnostic Device Configuration (DDC) Icon from the Control Panel.
 Win 2000: Click Start > Settings > Control Panel. Double Click the DDC Icon.
 Win XP: Click Start> Control Panel



4. Click New.

Settings	
•	
Existing KTS modules	
KTS module name Status KTS module address	
A	
New Delete Activate Change name	
Control unit diagnosis simulation	
Signal generator configuration Tiest	
	_
Help Accept OK Terminate	

5. With Automatic configuration selected, Click Configure USB link.

Conf	igure Bluetooth link
Anual configuration S module type (TS510F (TS520 (TS530 (TS530 (TS540 (TS550 (TS550 (TS570)	Type of connection COM MUX USB Bluetooth

- 6. The USB link to the KTS 570 will now be confirmed:
- 7. Click **OK** to Continue

the mediale gpc	KTS mod	ule address	
KTS570	USB#311	li -	
		\frown	

8. Click **New** to Start the Bluetooth wireless configuration

	Statue	KTS module address	
KTS570	Active	USB#311	
			A
		1	_
New	Delete	Activate(Change name
New	Delete	Connection test	Change name

9. Click Configure Bluetooth Link

C	onfigure USB link
	6
Lon	tigure Bluetooth link
Manual configuration	
TS module type	Type of connection
KTS510F KTS520	С сом
KTS530 KTS540	смих
KTS550	C USB
10070	C Bluetooth
TS module address	
	v

10. Click **Yes** to install the Bluetooth driver software.



11. Select English and Click OK



12. Click **Next** to install the Bluetooth Stack.



13. Click the Radio Button to accept the license agreement and then Click Next



14. Click **Next** to start the Bluetooth Stack installation.

Ready to install the Progra	am	
The wizard is ready to begin	installation	
Click Install to begin the instal	allabon.	
F you want to review or char out the vicord.	inge any of your natallation eattings, click Back. Click C	encelto

15. Click Yes to start the Install process.



16. Plug The KTS Bluetooth Dongle into the USB port at this time. Click **OK** to continue.



17. Click **Yes** to restart the computer. **Note:** Leave the Bluetooth dongle plugged into the USB Port

🔂 Blueto	th Stack for Windows by Toshiba Installer Infor 🔊	<
	You must restart your system for the configuration changes made to Bluetooth Stack for Windows by Toshiba to take effect. Click Yes to restart now or No if you plan to restart later.	
	<u>Yes</u> <u>N</u> o	

 After the system reboots you should have the Bluetooth Manager Icon displayed on your desktop. Note: This icon will only be displayed when the Bluetooth dongle is plugged in.



19. Go to the Control Panel and Double Click the **Bosch DDC Control Panel Icon**.



20. Click the New button to add the new Bluetooth connection.

K19570	Active	USBRITT	
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New	Dalets		CORDATION I
		Connection test	
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21. Click Yes to install the Bluetooth link.

NOTE: Confirm the USB cable is still plugged into the KTS 570.

	Contigure USB link
Co	nfigure Bluetooth link
Manual configuration TS module type	Type of connection
KTS510F KTS520	ССОМ
KTS530 KTS540	C MUX
KT\$550 KT\$570	C USB
	C Bluetooth
TS module address	<u></u>

22. The Bluetooth device will now assign a Bluetooth address to the KTS 570 through the USB cable.

I S module type K I S module address TS570 USB#311			
	DDC - KT5570 - USB#	311	
Blueto	oth address iden Please	tification in progr wait	ess.

23. Remove the USB cable from the KTS 570 Module. Click OK



24. The KTS 570 Bluetooth activation process will now be completed.

K15570 K15570 0000001	Statur	675 sockie address US8#311 878(00:07 60:81 60:13)	
002-415500_1		The Milesson	
м	odule activatio Please v	n in progress vait	A
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Time 1	Deter	S horar 1000	0121100
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25. Click **Accept** and then **OK** to complete the installation.

KTS module name	51,04,10	KTS workle address	
(19570_000001	Activa	BTB(00.07 60.81:80.53)	
			A
			10
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Congratulations, you have successfully set up the wireless Bluetooth installation.

FIRMWARE UPDATE

If your KTS 570 was not connected to the PC during software and firmware installation you will need to do a Firmware Update as described below.

- Connect the KTS 570 with the PC via USB and supply external power to the KTS. Verify power with blinking green light on end of unit. Firmware Update will not work wirelessly – unit must be connected via USB.
- 2. Open the **Bosch Diagnostic Device Configuration (DDC)** from the Control Panel
- 3. Double Click the **DDC icon**.



4. Select the "Firmware Update" tab. Click Refresh

DDC - Diagnostic Øevi Settings Service Fi	ce Configuration		×
Module KTS570	_0000001 - 878[0	00:07:80:81:80:53	P]
Help	Accept	ОК	Terminate

- DDC Diagnostic Device Configuration
 ×

 Settings
 Service

 Firmware update
 Image: Configuration of the service of the s
- 5. The firmware will now be updated. When complete, Click OK

OBTAINING A RELEASE CODE – 3 METHODS To Release / Enable / Activate the ESI[tronic] software, follow the instructions below.

Method 1 – Internet (fastest)

1. On the web go to: <u>https://www.bosch-esitronic.com</u>

NOTE: Ensure the web address is entered exactly as it is written above as this is a "secure" site as signified by "https".

Any PC can be used to generate a release code – it does NOT have to be the KTS 570 PC.

2. At the top of the page select **English** from the Language menu.



- 3. Click **Register**.
- 4. Type the **Customer Number** and **Password** (found on the packing slip of the KTS 570)
- 5. Type the email address you would like to use for this account.
- 6. Click register in the right corner.

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	Register	Customerino.			
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		1 0000000		_	
	Forgotten your password?	e-mail:			
	Help				
				► register	

7. Follow the onscreen instructions to generate a release code.

- 8. Enter the **ID No**. from the ESItronic software. To access this number, do the following:
- Open ESI[tronic] by Double Clicking ESI[tronic] from the Bosch Applications Menu:



10. In the ESI[tronic] screen Click: Settings > Release > Execute



11. The **ID no.** is now displayed (the ID no. below is an example. Use the ID no. exactly how it appears on your PC).

Release	×
To release information units, you need the release code received for this computer.	
Customer no. ID no. W7RD.6N2U.ENY8.2CYT	
Release code	
Help OK Cancel	

13. On the website, Type the **ID no.** and Click **Generate Release Code** at the bottom right.

NOTE: When entering the ID. No. into the given space on the ESI[tronic] website do <u>NOT</u> add spaces or decimal points – only enter the alpha-numeric ID number.

ID no.:		
Order package:	C9 M P 💌	
	► Details	
		► Generate release code

14. The release code will be generated and emailed to the address entered during registration. To immediately access the release code without checking email, Click the **Back** button (lower right corner) and the release code will appear alongside the ID no. entered.

15. Cut and Paste or Type the release code into the area provided in ESI[tronic] (release code below is an example). Enter your Customer No. Click **OK**.

Release			2		
	To release informa computer.	To release information units, you need the release code received for this computer.			
	Customer no. ID no. Release code	W7RD.6N2U.ENY8.2CYT SB7M5N2QFWDDAUCUAAP76A5662			
Help		OK Cancel			

16. Modules subscribed to and released will be displayed. The information units displayed will vary depending on the software subscribed to.

Method 2 – Email

Send an email to: <u>esitronic@bosch-serviceline.com</u> Include:

- ESI[tronic] Customer Number (from packing slip)
- ID No. from ESI[tronic] (see steps 10-11 above)
- Company name, address, phone number (with area code)
- Contact Name

An email will be sent to the sender with a release code typically within 1 business day. Enter the release code in ESI[tronic] as described above.

Method 3 – Fax

Send a fax to the ESI[tronic] Serviceline in Germany.

Dial from the US: 011-49-1805-81-23-10

Include:

- ESI[tronic] Customer Number (from packing slip)
- ID No. from ESI[tronic] (see steps 10-11 above)
- Company name, address, phone number (with area code), fax number (with area code)
- Contact Name

A fax will be sent to the sender with a release code typically within 1 business day. Enter the release code in ESI[tronic] as described above.

LOCKING IN A RELEASE CODE

If you have a Network, high speed internet, or if your laptop has a wireless LAN card, it is highly recommended that you follow the steps below so your ESI[tronic] Release Code is recognized on-network and off-network. These steps should be done <u>after</u> the software is released on the PC.

- 1. Insert the DVD 200X/1 (e.g., 2006/1) into the DVD drive.
- 2. Double click My Computer on the Desktop.
- 3. Locate and double click the DVD drive in the Folders list (typically D).
- 4. Double click the **Docs** folder.

5. Double click the **misc** folder.

🔁 Docs						
File Edit View Favorites Tools	; Help					1
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	Acrobat	MCVP	misc	Nero	Setup	
Docs	(herobac)	inen.		11010	Socap	
Select an item to view its description.			POF			
See also: My Documents	ESI_COM	ESI_COM	ESI_EC_CO	ESI_EC_CO	ESI-WTS auf W2kServer	ESI-WTS on W2kServer
My Network Places My Computer						
	ESI-WTS sur W2kServer	ORDER.DOC	Order_EN.doc	Parallel.doc	readme.rtf	
17 object(s)				6.38 MB	🖳 My Comp	uter //

26. Double click Mac_New.reg.

File Edit View Favorites Tools	; Help				
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	Name \triangle	Size	Туре	Modified	
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	EccApp16		File Folder	2/21/2006 1:03 AM	
misc	🕮 ChkLanAd.exe	176 KB	Application	5/4/2004 4:14 AM	
	GetMac.exe	40 KB	Application	5/4/2004 4:14 AM	
Mac_NEW.reg	🔊 Mac_NEW.reg	1 KB	Registration Entries	5/4/2004 4:14 AM	
Registration Entries	🔊 Mac_OLD.reg	1 KB	Registration Entries	5/4/2004 4:14 AM	
Modified: 5/4/2004 4:14 AM	Mac_VAR.reg	1 KB	Registration Entries	5/4/2004 4:14 AM	
	🚰 W95ws2.exe	964 KB	Application	5/4/2004 4:14 AM	
Size: 98 bytes					

27. Click Yes when prompted:

28. Click **OK** when prompted. Process is now complete.

Start the training! Getting Started DVD

- The Getting Started Guide puts you on a path to effectively utilizing all the functionality of your diagnostic tool.
 - The training is an animated and narrated guide that walks you through all of the basic functions and settings of your new tool.

Launch The Getting Started Application!

- Insert the DVD and let it "autorun" (If DVD will not "autorun" then open the DVD and click on the file called "training.exe").
- From the Main Menu click on" KTS Series" in the lower section of the menu
- This will launch the KTS Getting Started Training.
- Note: A sound card must be installed for the program to operate correctly.

 ${\sf Bluetooth} \circledast$ is a registered trademark of ${\sf Bluetooth}\ {\sf SIG},$ Inc.

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