

KIRA

DIAGNOSTIC TOOL MANUAL

KIRA

KOHLER

INTEGRATED REMOTE ANALYTICS



KOHLER[®]
IN POWER. SINCE 1920.

REGISTRATION OF MODIFICATIONS TO THE DOCUMENT

Any modifications to this document must be registered by the drafting body, by completing the following table.

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Translated from the original manual in Italian language.

Data reported in this issue can be modified at any time by KOHLER.

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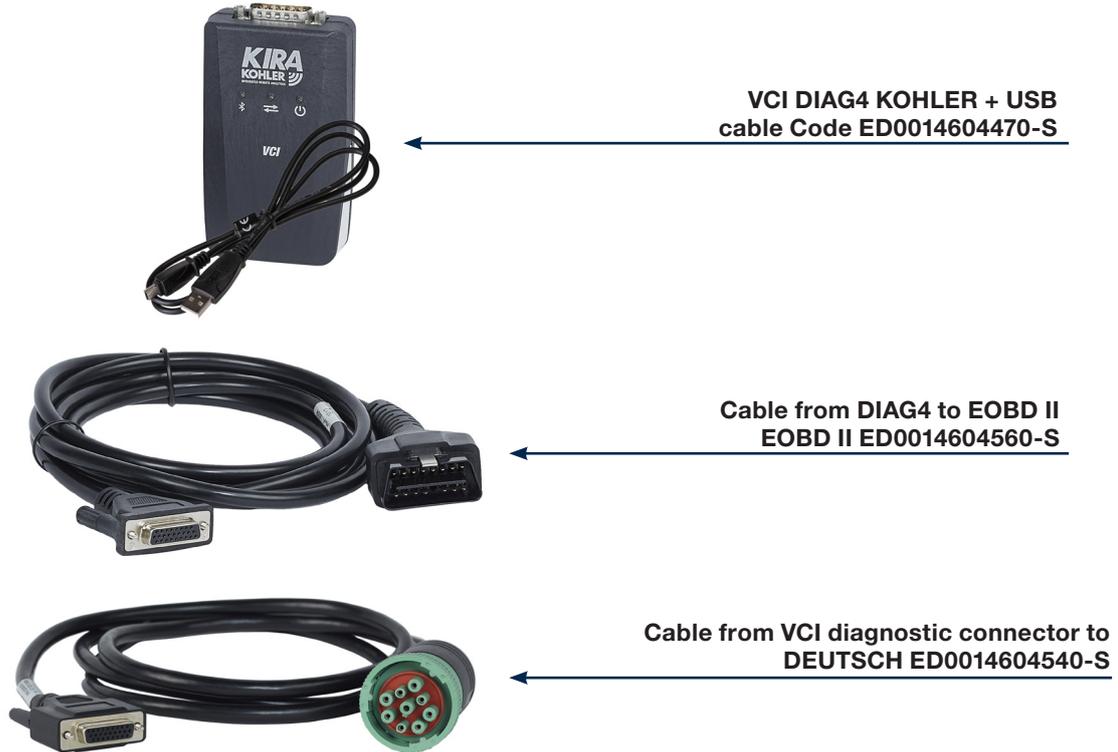
KIRA Diagnostic tool - Basic configuration ED0014604490-S



KIRADiagnostic tool - Configuration with Tablet ED0014604500-S



Contents of suitcase - Basic configuration

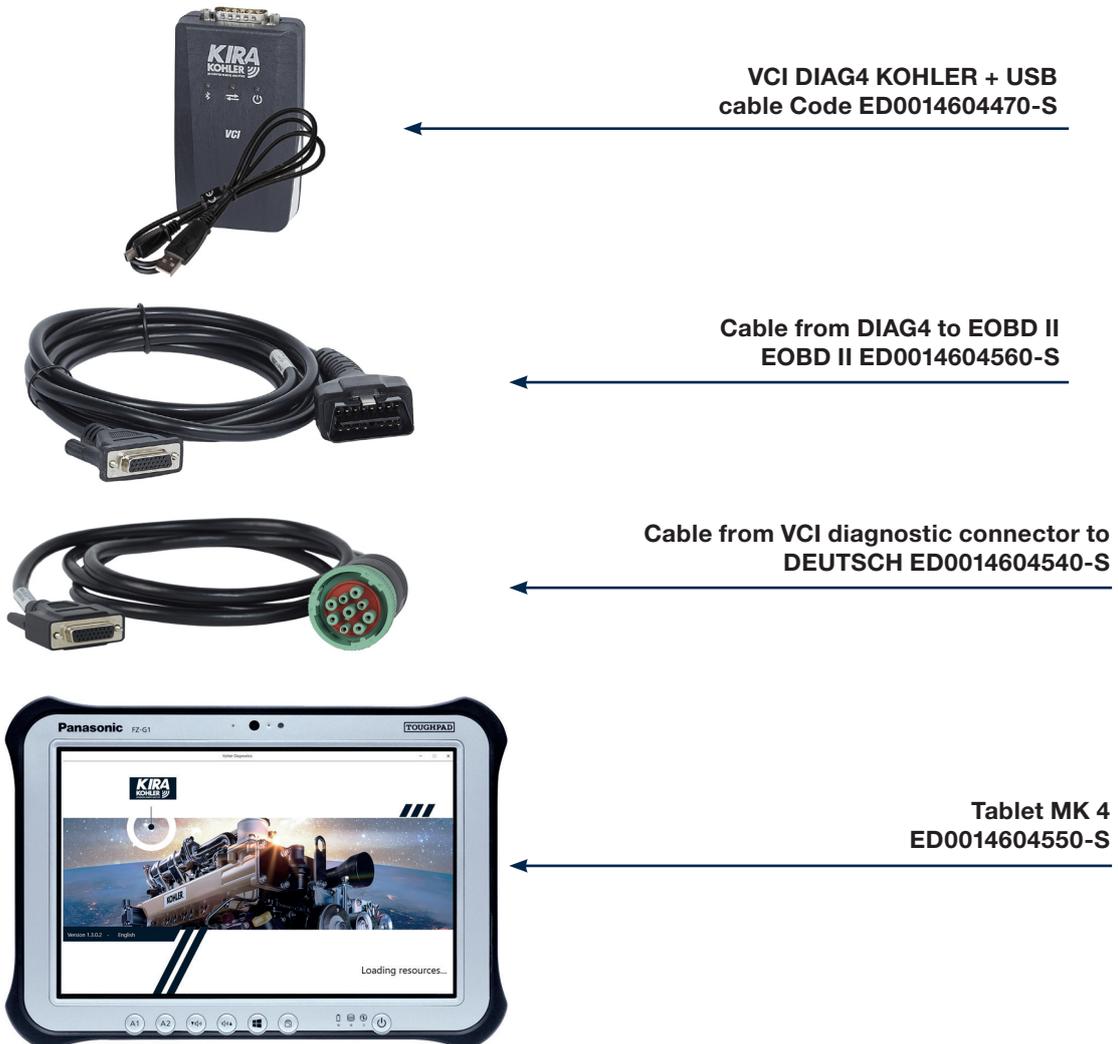


**VCI DIAG4 KOHLER + USB
cable Code ED0014604470-S**

**Cable from DIAG4 to EOBD II
EOBD II ED0014604560-S**

**Cable from VCI diagnostic connector to
DEUTSCH ED0014604540-S**

Contents of suitcase - configuration with Tablet



**VCI DIAG4 KOHLER + USB
cable Code ED0014604470-S**

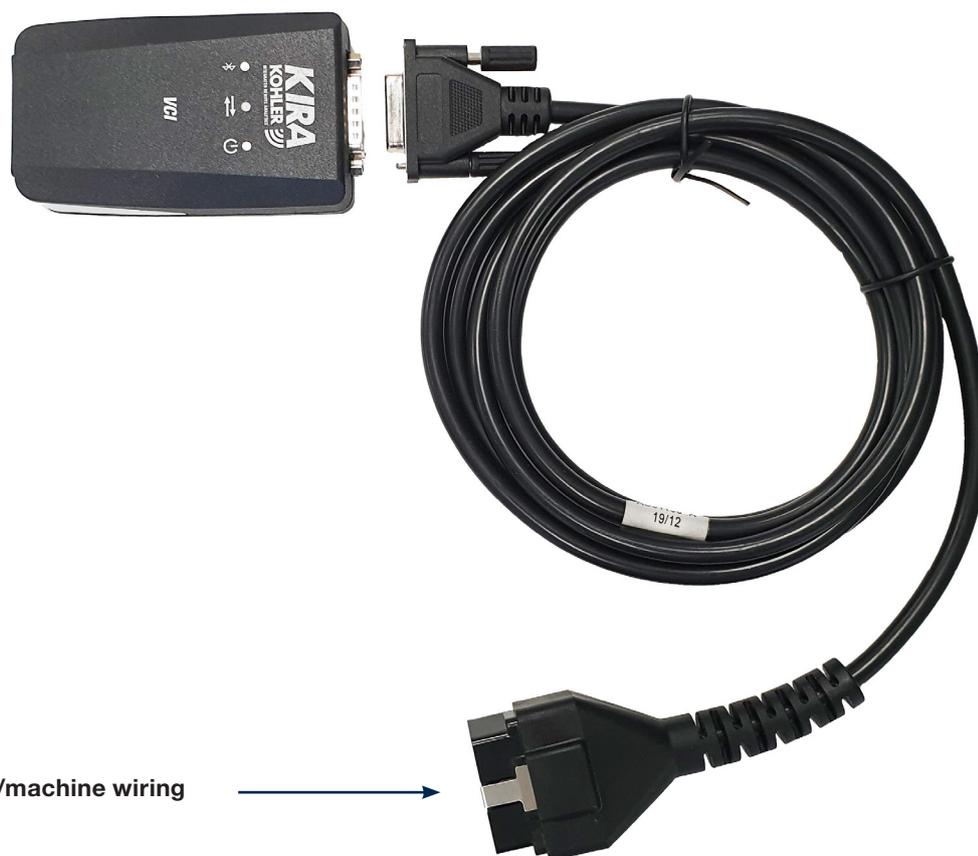
**Cable from DIAG4 to EOBD II
EOBD II ED0014604560-S**

**Cable from VCI diagnostic connector to
DEUTSCH ED0014604540-S**

**Tablet MK 4
ED0014604550-S**

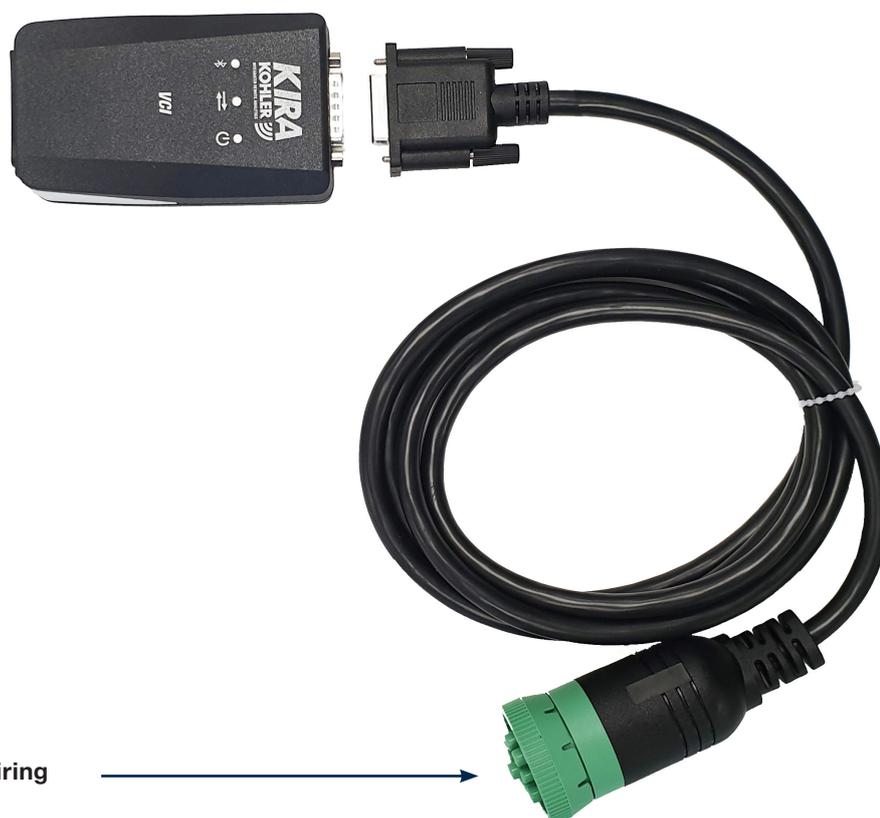
1.1 Connections

Connection with EOBD II connector



Connection to engine/machine wiring

Connection with DEUTSCH connector



Connection to engine/machine wiring

USB connection



Complete connection with DEUTSCH



Complete connection with EOBD II**1.2 Registering the VCI and/or Tablet**

Once you have purchased the KIRA KIT, you need to link the licence to the VCI. Right now, this can only be done by sending an email to kirasupport@kohler.com with the following details:

- VCI s/n (found on the back of the VCI)
- Tablet s/n (if purchased)
- Company name
- Company address (street, country, postcode, city)
- Name and surname of the contact for the VCI (we recommend including the person who will be using the tool most often)
- E-mail of the contact person above
- Telephone number of the contact person above

2.1 PC Arrangement for KIRA software

To download the "KIRA X.X.X.XX Setup" software, perform the following operations:

Go to website "<http://www.kohlerpower.it/kira>" and click on "[here](#)"



Please follow these steps in order to use KIRA.

1. Download the software: click [here](#)
2. Register the VCI following the directions



Please send an email to kirasupport@kohler.com with these information:

- s / n of the VCI (located in the rear part of it)
- s / n of the Tablet (if purchased)
- Full company name
- Company address (street, country, zip code, city)
- First and last name of the VCI reference person (we recommend inserting the main user of the tool)
- E-mail of the reference person indicated above
- Telephone number of the reference person indicated above

The VCI will be registered within 2 working days.

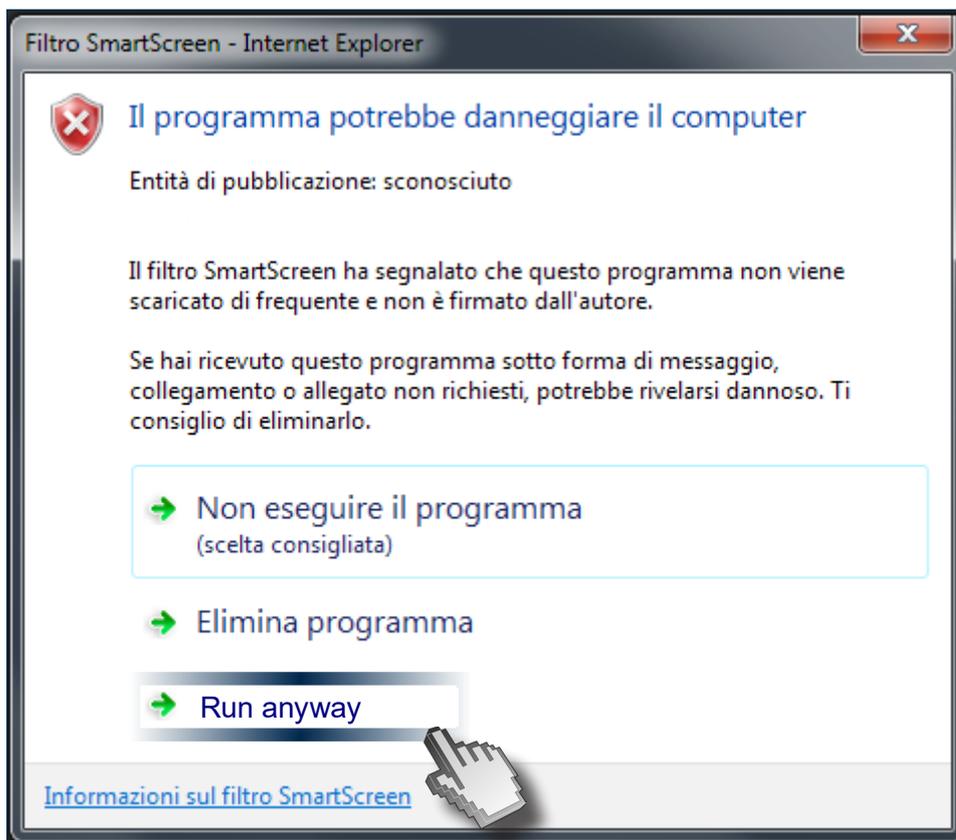
Click on "Esegui".



Important

- In the event that the PC is equipped with anti-virus protection, proceed as follows

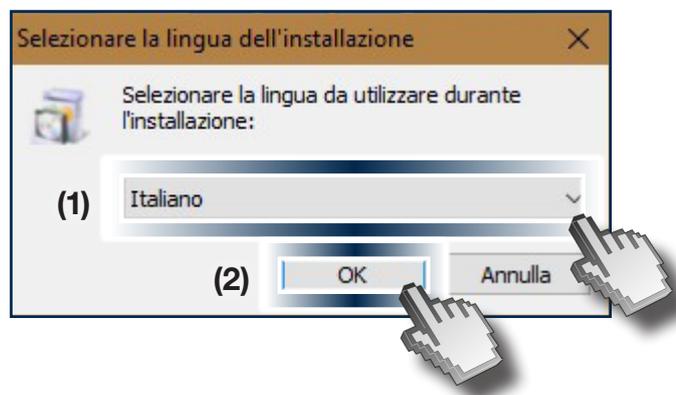
Click on "Run anyway".



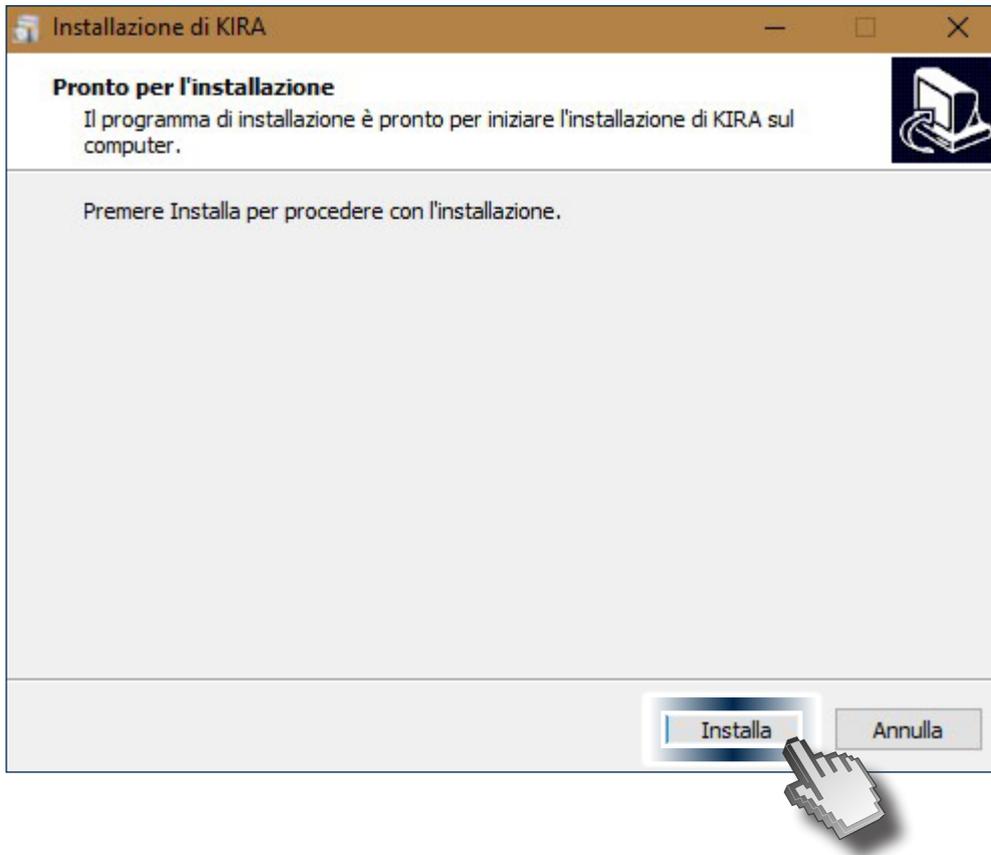
Click on "Allow this file".



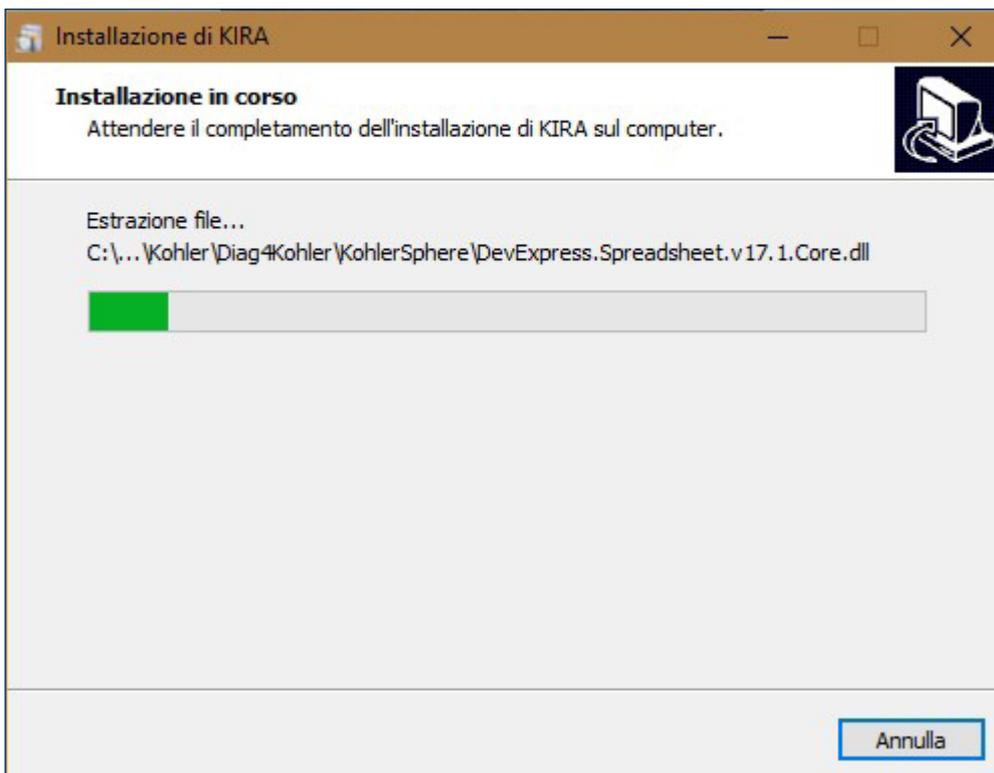
Select the desired language (1) and press "OK" (2).



Click on "Installa".



Please wait while setup installs KIRA



Click on "Finish".



When you launch KIRA, the system checks automatically for software updates

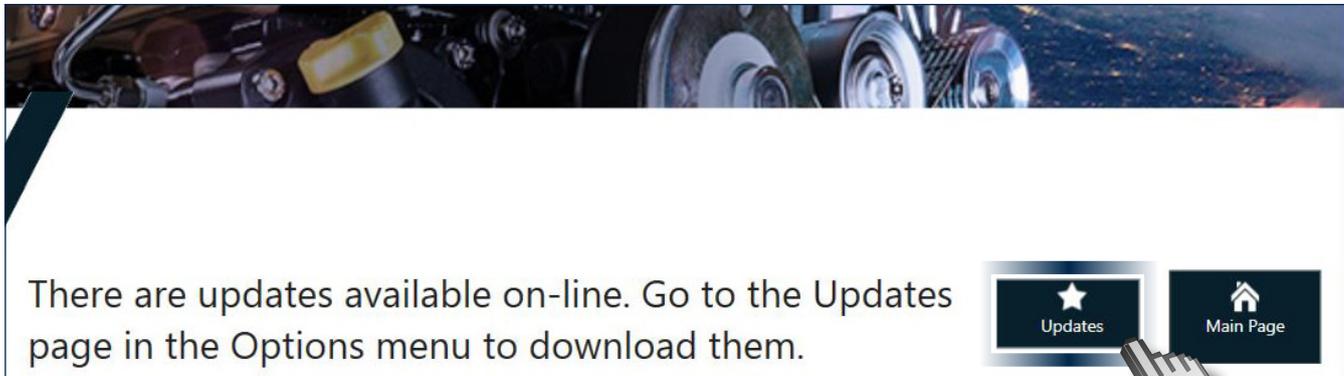


If there are updates available, click on "Updates"



Important

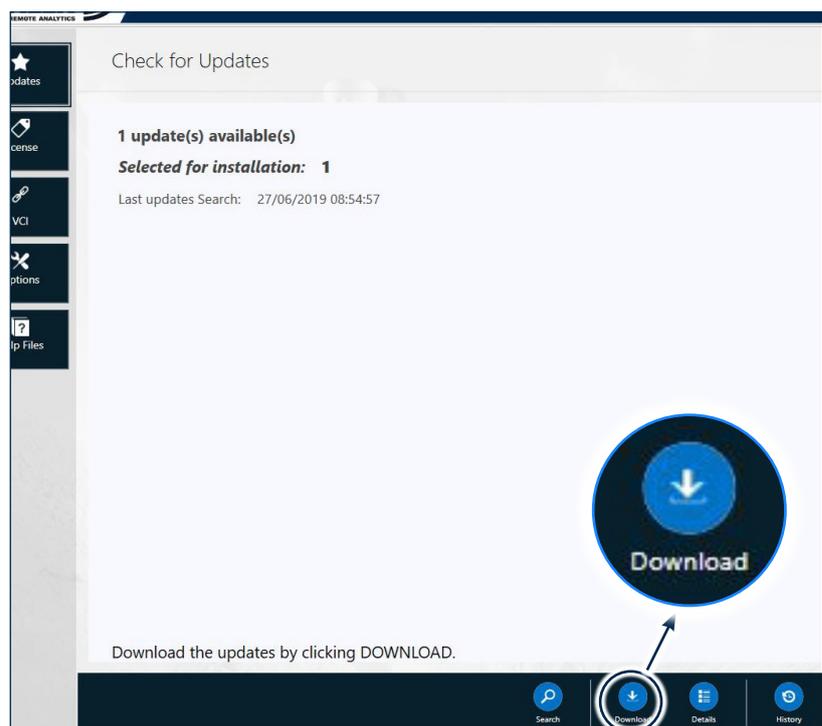
- For the update you will need to have an Internet connection.
- The update will last a few minutes



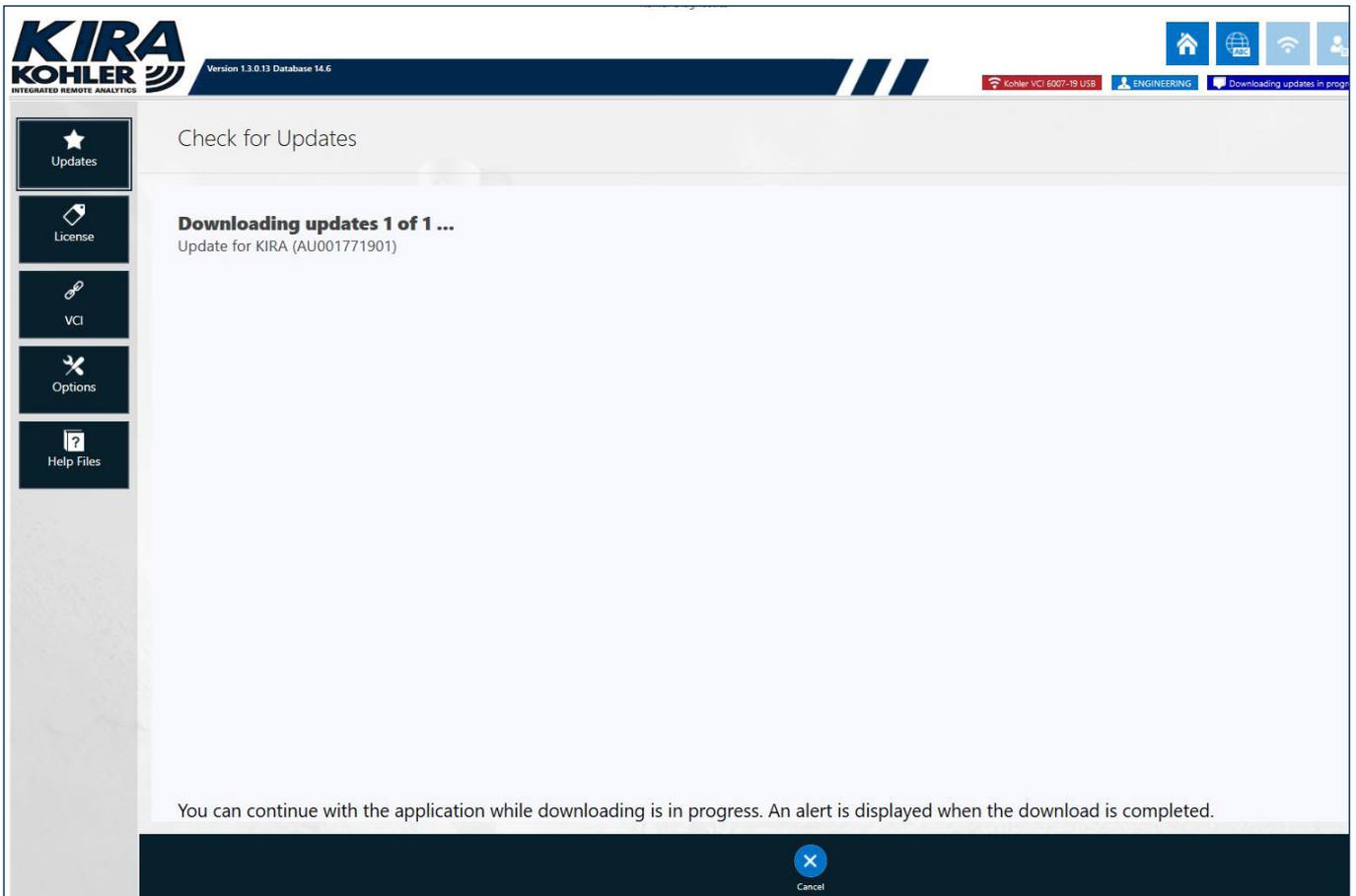
Click on "Updates"



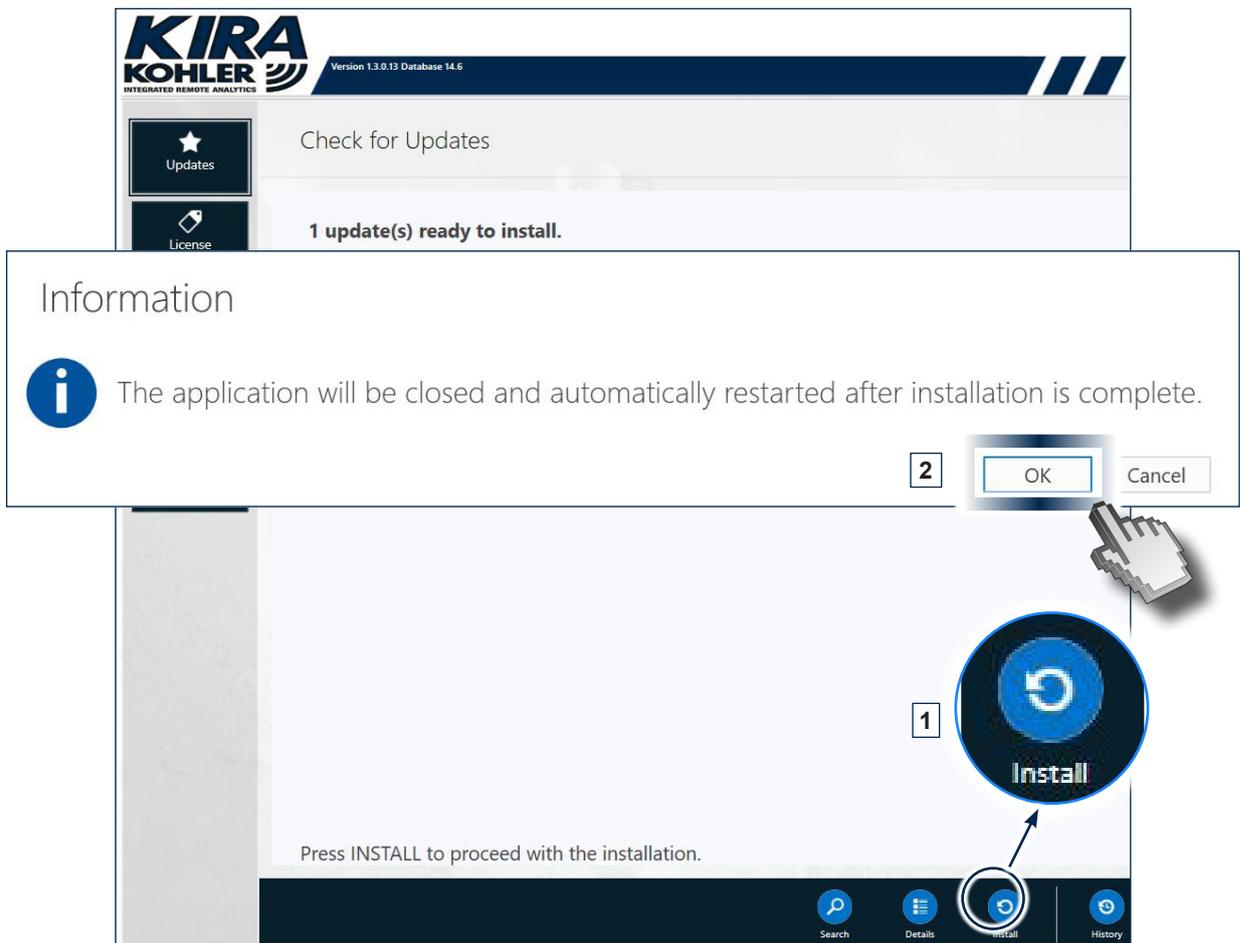
Click on "download"



Wait a few minutes



When the download is complete, click on "Install (1)" and then on "OK (2)"



When the installation is complete, the software will return to the home page automatically



Information on resources used in graphics software KIRA

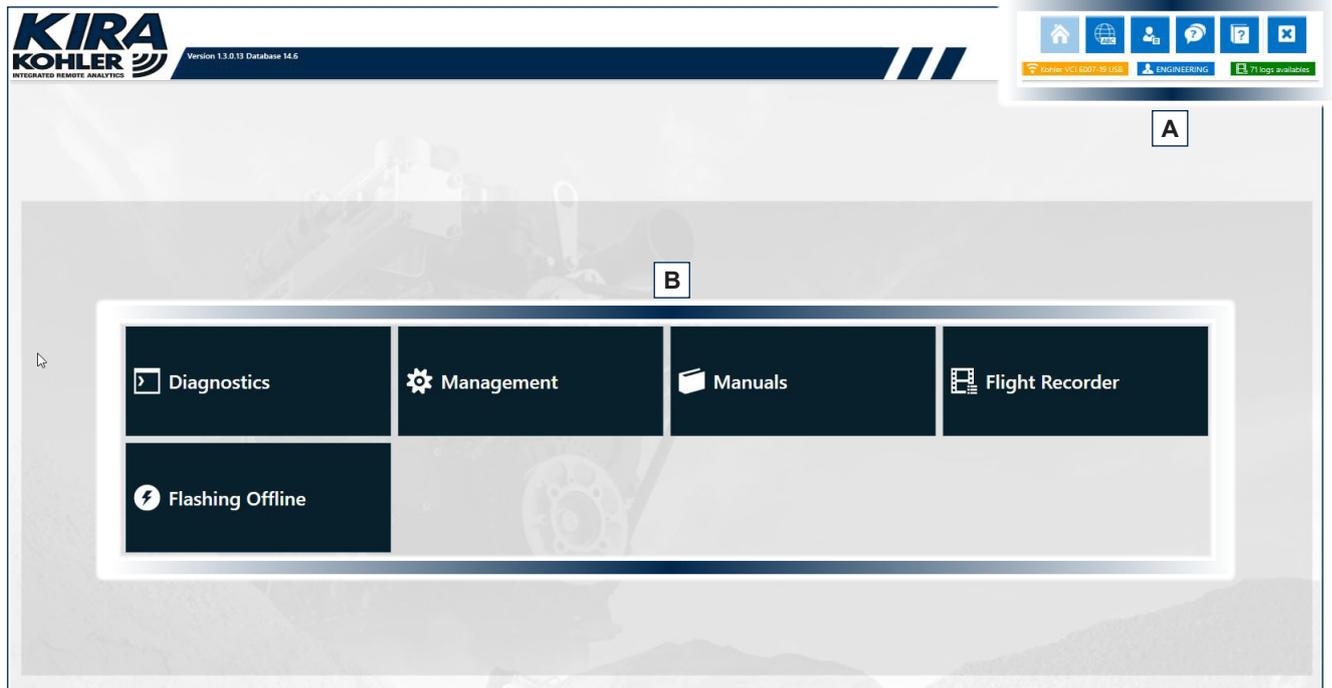
The purpose of this document is to provide a reference for the images that characterise the graphical user interface of KIRA software.



Important

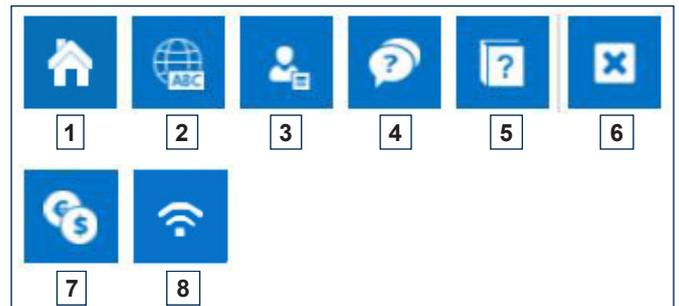
- The screens are for information purposes.

3.1 Home Screen



3.1.1 Homepage functional menu (A)

1. Homepage.
2. Change language.
3. Change user account: access with Administrator privileges in case of technical support; for use by Kohler only
4. Remote assistance.
5. User Guide.
6. Exit diagnostics tool.
7. Download reports and warranties to external drive.
8. Change VCI.



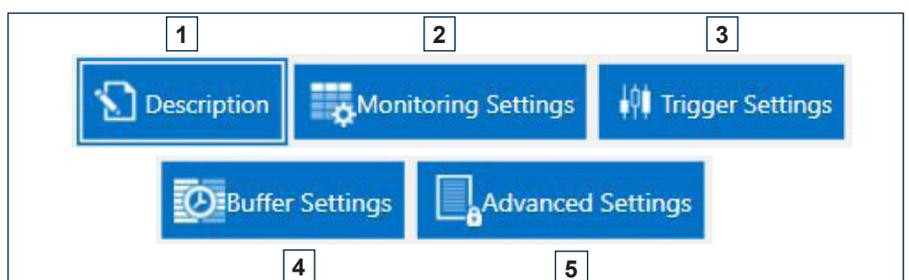
3.1.2 Homepage functional menu (B)

1. Diagnostics
2. Management
3. Manuals
4. Flight Recorder
5. Flashing Offline



3.1.3 Flight recorder menu (Par. 4.3.5 Flight recorder)

1. Description
2. Monitoring Setting
3. Trigger Setting
4. Buffer Setting
5. Advanced Setting



4.1 Functional menu

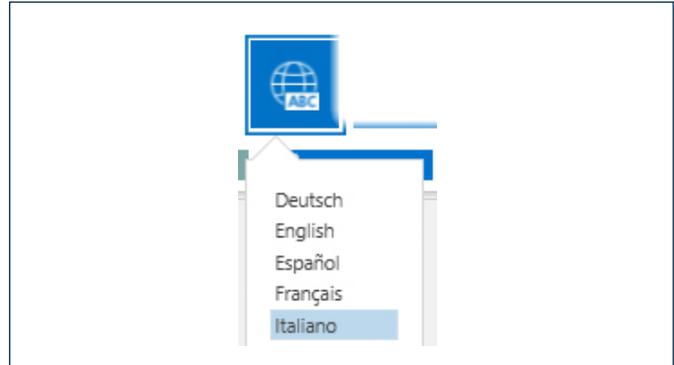
4.1.1 Homepage

Click the "Homepage" symbol to return to the home page.



4.1.2 Change language

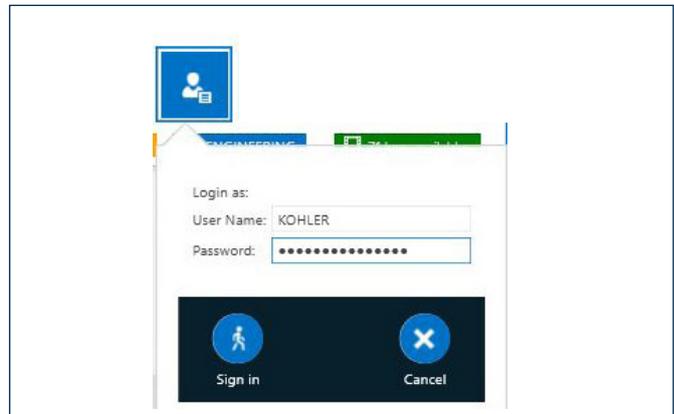
Click the "Change language" symbol to choose your preferred language.



4.1.3 Enter account service

Click the "Changing user account" symbol to enter Username and Password.

NOTE: For use by KOHLER Service only during remote assistance.



4.1.4 Remote assistance

Click the "Remote assistance" symbol to contact KOHLER support.

The remote assistance button is available only from the program's home page.

4.1.5 User guide

Click the "User guide" symbol to download the guide.



4.1.6 Exit diagnostics tool

Click the "Exit diagnostics tool" symbol to exit the diagnostics tool.



4.1.7 Download reports and warranties to external drive

Click the "Download reports and warranties to external drive" symbol to view report and warranty documents. The documents will be saved to the computer desktop under the folder "Reports KIRA ".



4.1.8 Change VCI

Click the "Change VCI" symbol to go from one VCI to the next if there is more than one VCI stored in the computer.



4.2 Management

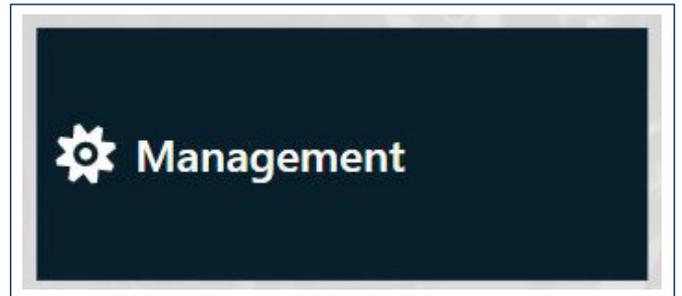
Click the "Management" symbol to access the settings menu for the engine and VCI.

4.2.1 Setting up the VCI via USB or Bluetooth



Important

- To link your KIRA licence to the VCI you will need to have an Internet connection.



Click on "VCI".



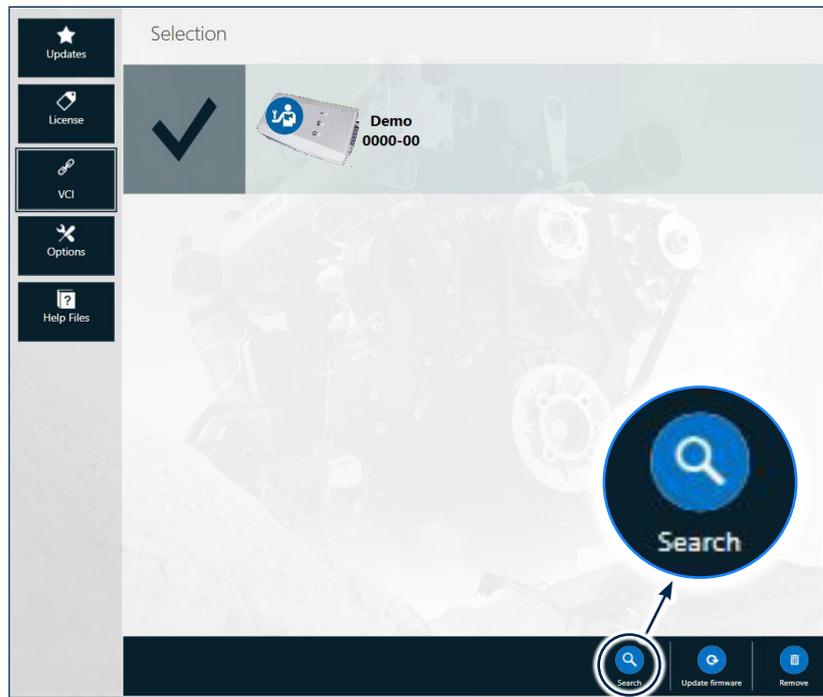
This page will display a VCI Demo that will be used only by Kohler's HQ.



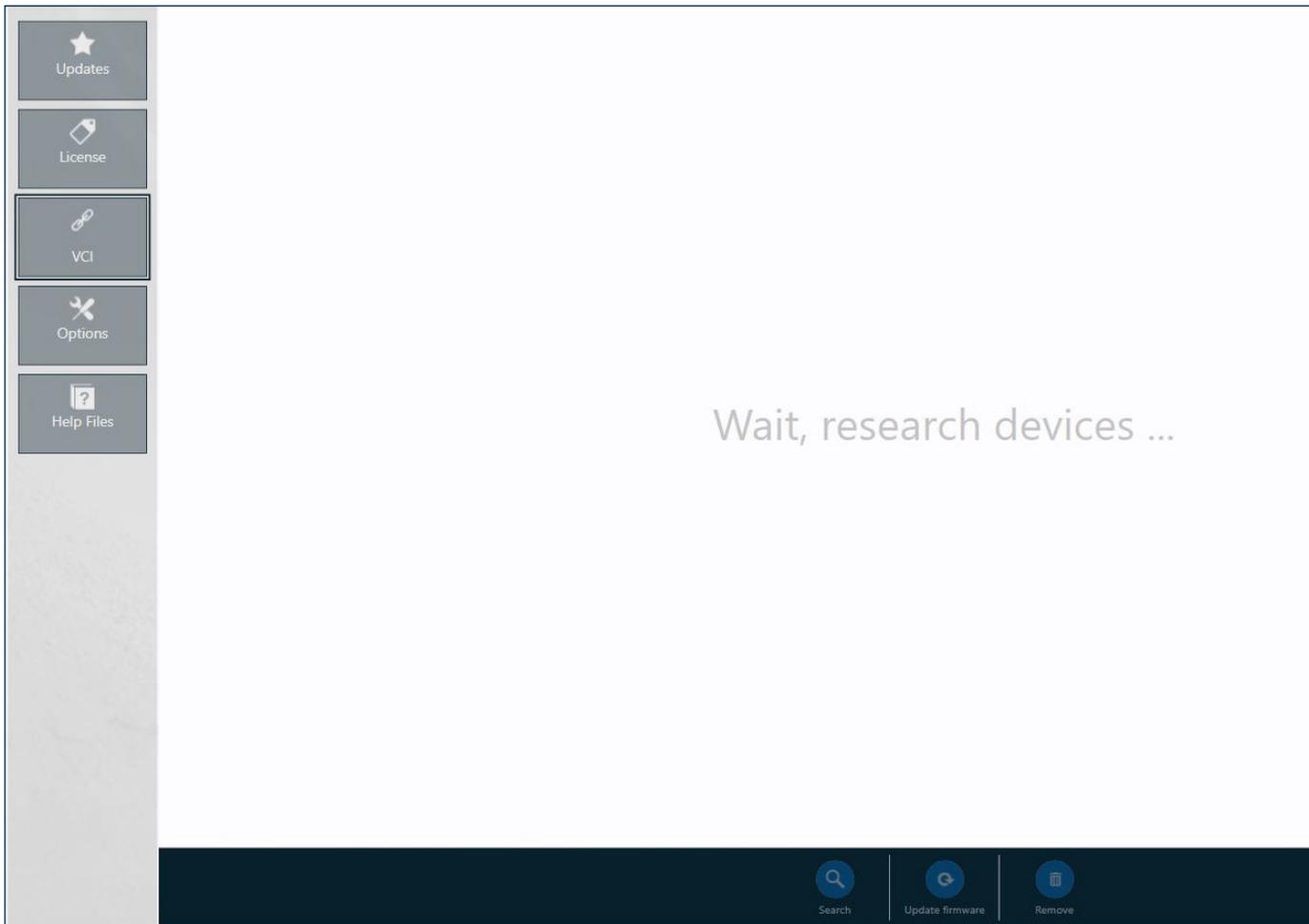
If you want to use the VCI with USB, simply connect the cable to the computer's USB port and the other end to the VCI.

If you want to use Bluetooth instead, make sure it is active in your computer (Settings – Devices – Bluetooth ON).

In the "VCI" page, click on "SEARCH" to find the connected/active VCI.



Wait for a few minutes



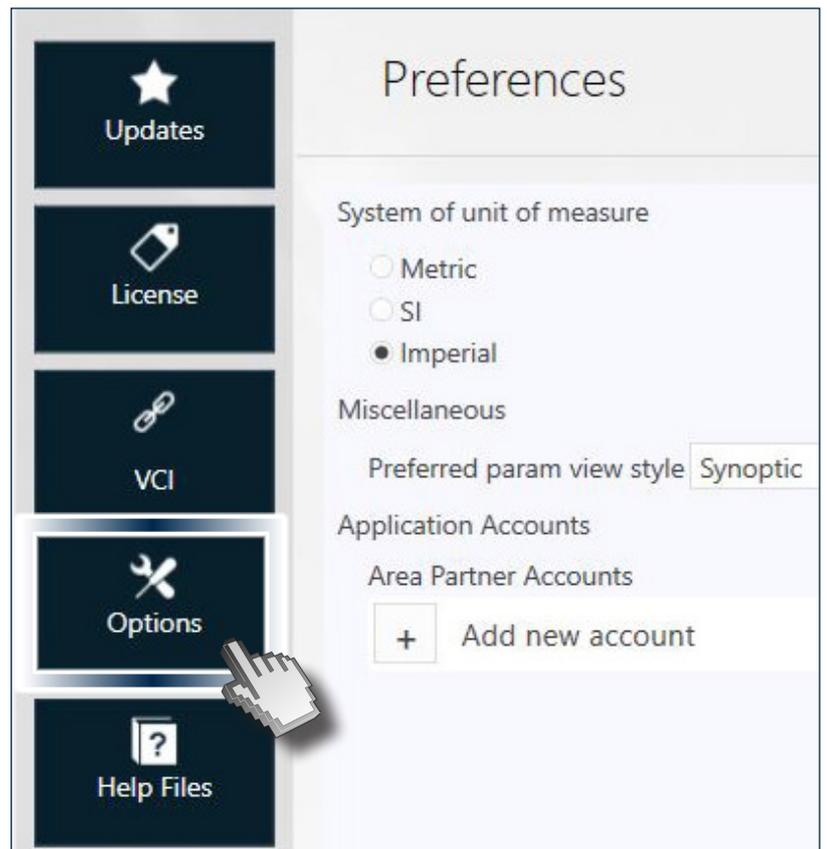
When found, it will be selected as the default VCI and a checkmark will appear.



4.2.2 Options

Under "Options" you can:

- Change the unit of measure;
- Choose how to display parameters at the first access (synoptic chart or list);
- If you have an Internet connection, log in with your Area Partners username and password.



Click on "ADD NEW ACCOUNT" and enter User Name and Password

Miscellaneous
Login Area Partner ×

Preferred param
 Application Account
 Area Partner Account
 + Add new

User Name:
 Password:

× Cancel
 - Sign in

4.2.3 Help Files

In the "Help Files" menu, download the Help Files available in KIRA.

Select the engine and language you want to download (1) and then click on "DOWNLOAD" (2).

- ★
Updates
- 📄
License
- 🔗
VCI
- ⚙️
Options
- ?
Help Files

Help Files

Select All
Selected 1 (149 MB)

0 installed, 24 available for download Collapse All

📖 KDI 1903 TCR + DPF

Italian (Italy) v1
116,1 MB

English (United Kingdom) v1
117,3 MB

📖 KDI 3404 TCR - SCR

Italian (Italy) v1
149,5 MB 1

French (France) v1

Spanish (Spain) v1
148,4 MB

English (United Kingdom) v1
148,3 MB

German (Germany) v1
147,8 MB

📖 KDI 2504 TCR + DPF

English (United Kingdom) v1
117,2 MB

Italian (Italy) v2
116,1 MB

📖 KDI 3404 TCR

Spanish (Spain) v1
58,5 MB

English (United Kingdom) v1

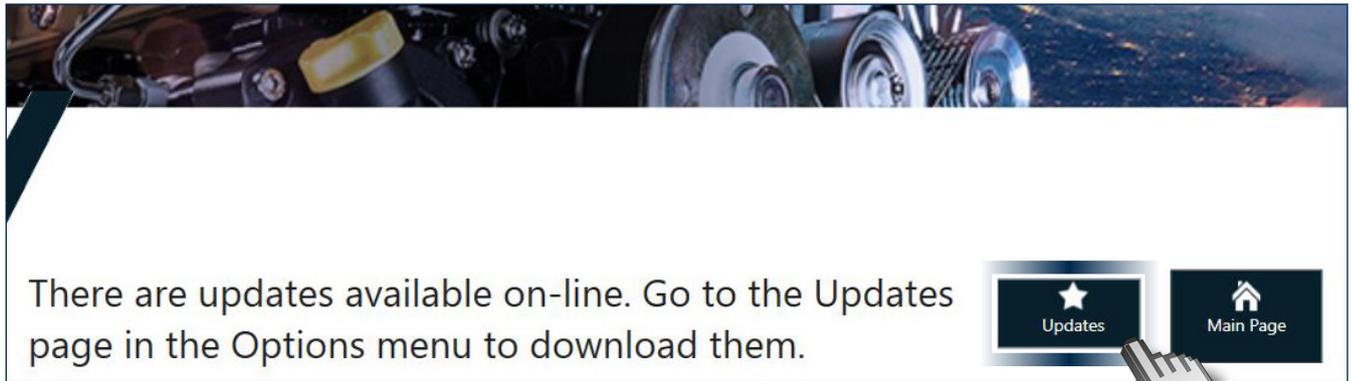
↓
Download

↻
Refresh

☰
Show/Hide Preview

4.2.4 Updates

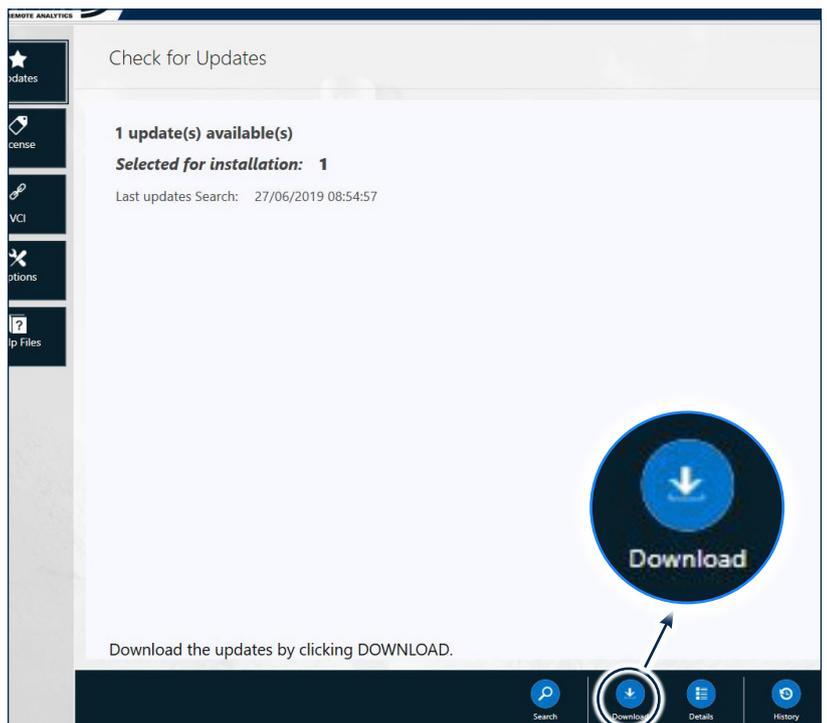
When the program is launched, the diagnostic software will check for updates automatically. If any are found, click "UPDATES".



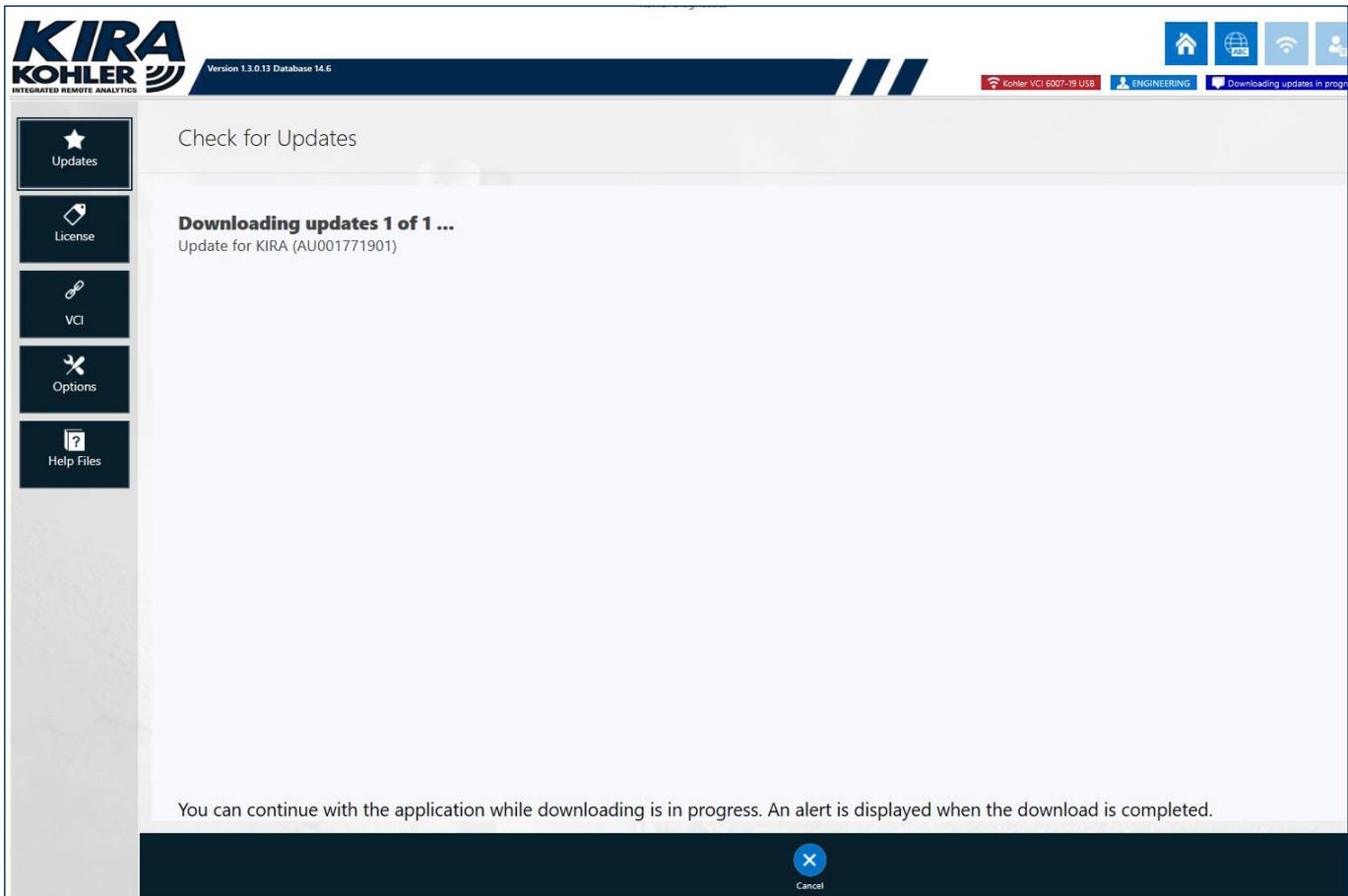
Click on "UPDATES"



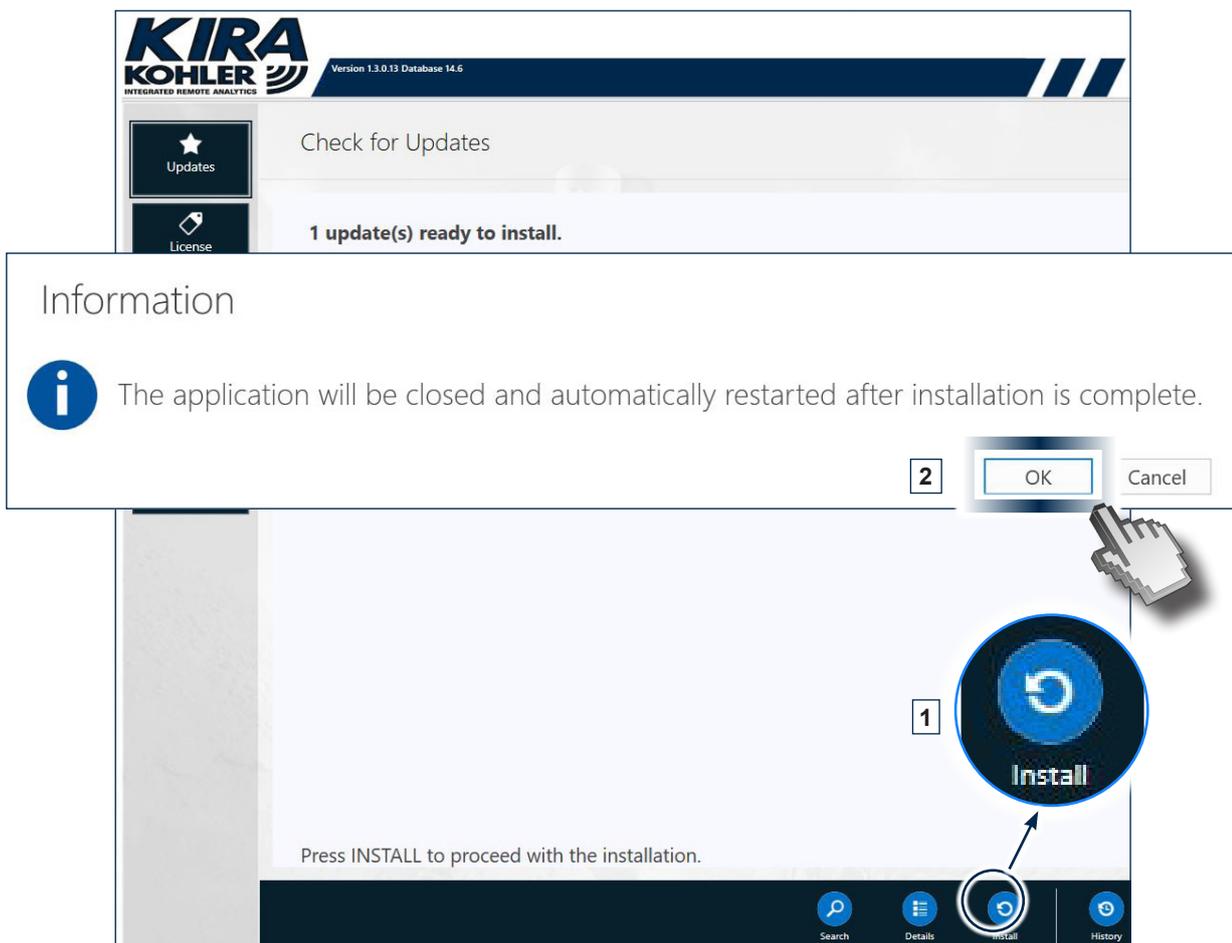
Click on "DOWNLOAD"



Wait for a few minutes



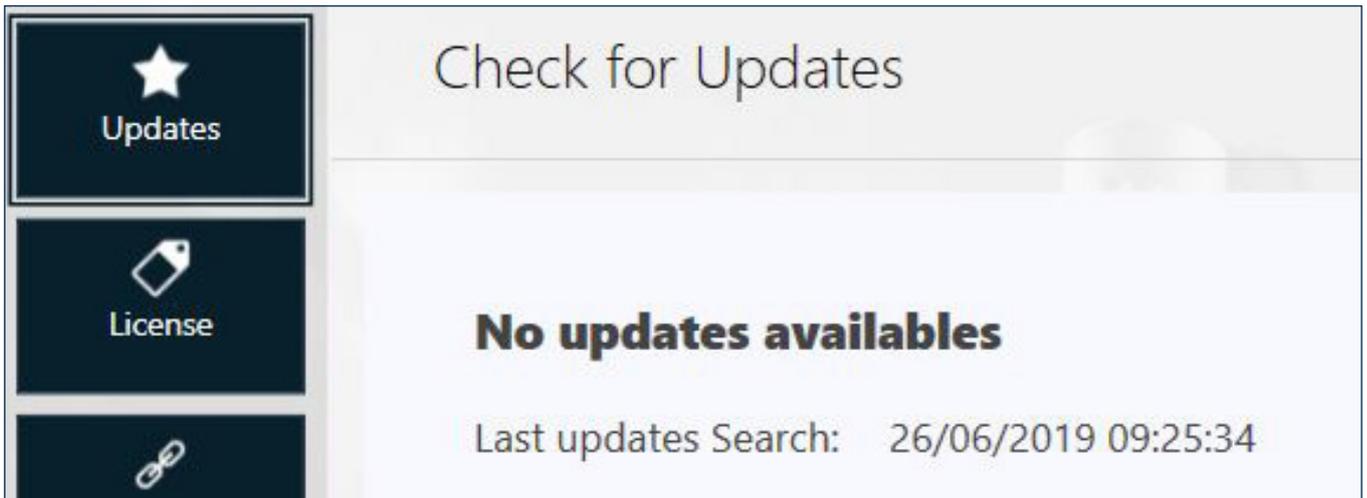
When the download is complete, click on "Install (1)" and then on "OK (2)"



When the installation is complete, the software will return to the home page automatically.



If no updates are available, the following screen will appear.



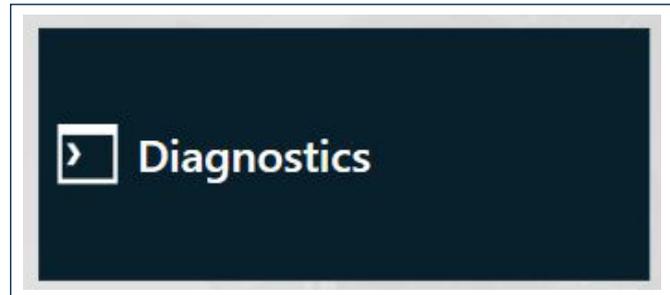
4.2.5 License

Under "License" you can view the expiry dates for your purchased licence(s).
If there is more than one VCI, all the linked VCIs will be shown.



4.3 Diagnostics

Click "DIAGNOSTICS" to access the diagnostics menu for the engine.



4.3.1 Manual selection / Auto Recognition

When you click on "DIAGNOSTICS", the tool will attempt to recognize the engine automatically through the Database in KIRA. There may be cases where the engine's s/n is not recognized; for example, the control unit is not responding or is booting, or the offline database is not synced with the online one and, therefore, not up-to-date.

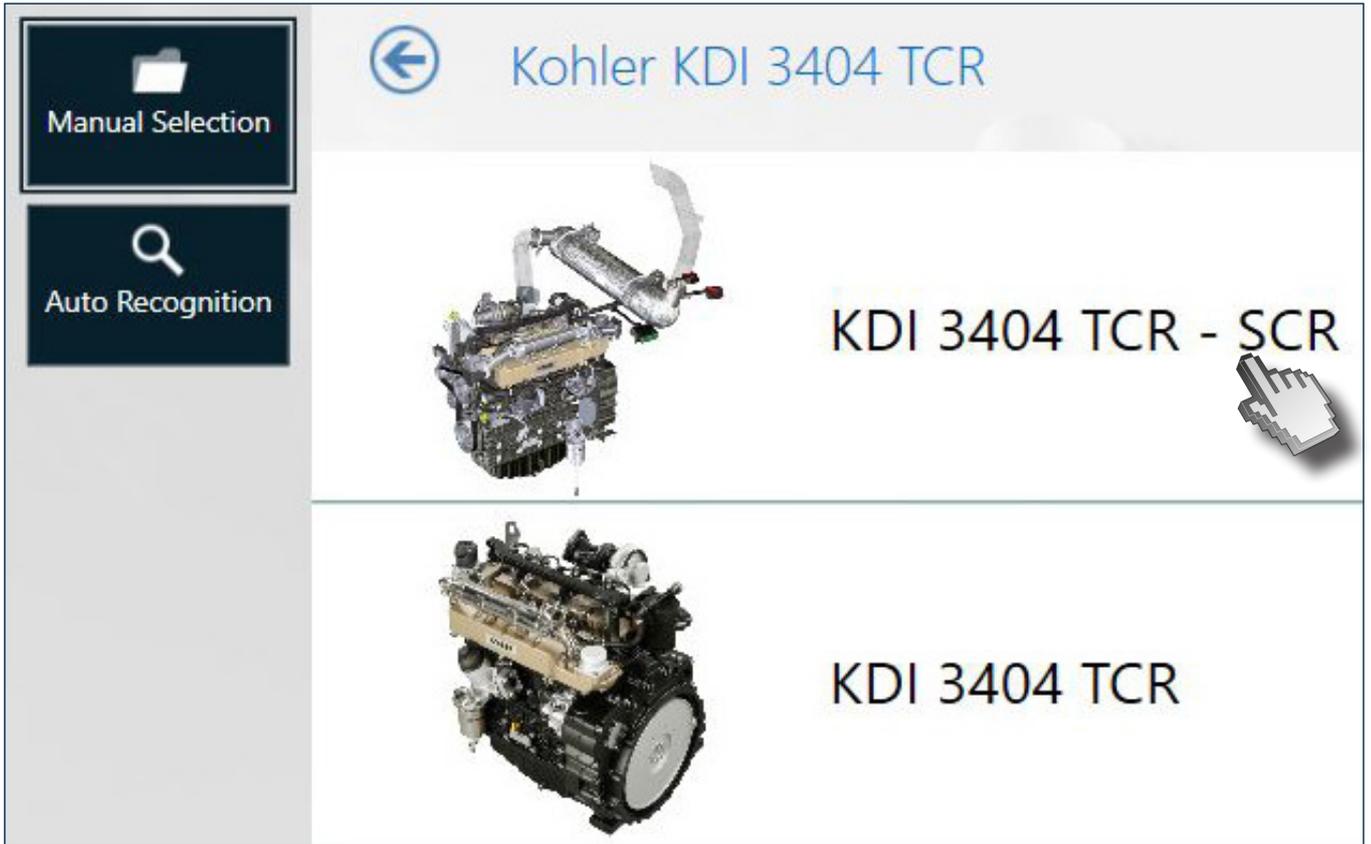
In this case, KIRA has a manual selection function available that lets you choose based on engine family and model.

Click "MANUAL SELECTION" (1) and then the desired engine (2).

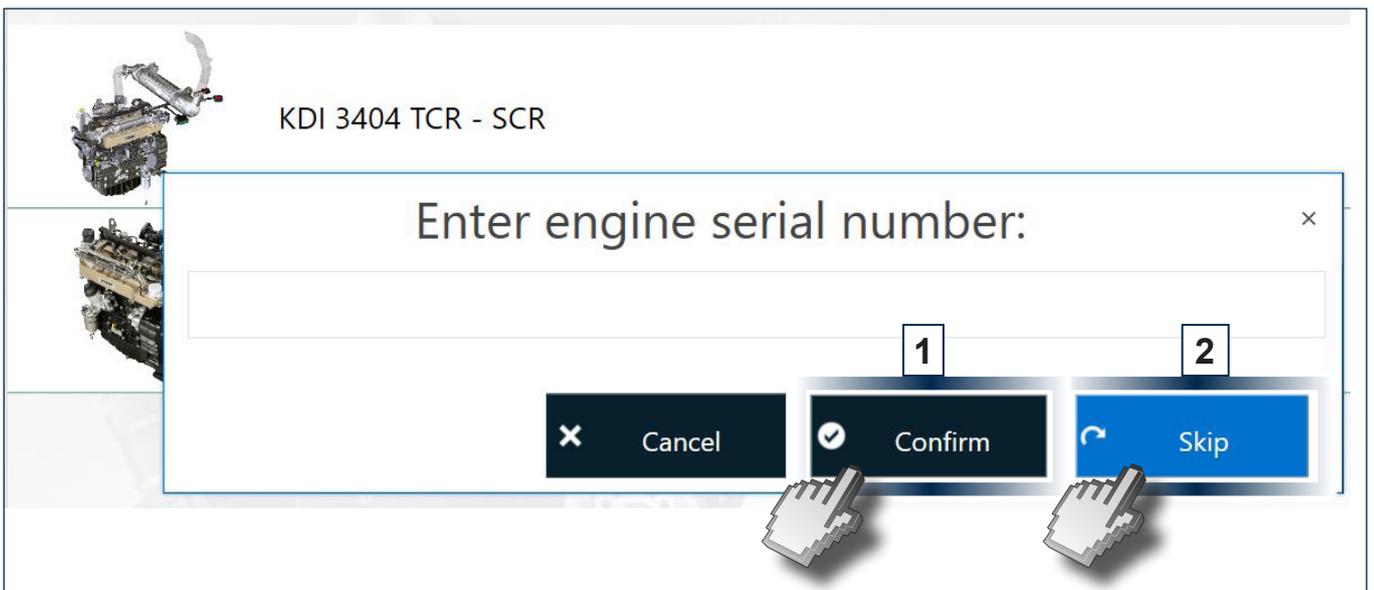
The number of configurations for a given engine may also appear (e.g KDI 3404 TCR - 2 models).

Engine Model	Number of Models
KDI 1903 TCR	2 Models
KDI 2504 TCR	2 Models
KDI 3404 TCR	2 Models

Select the desired engine.



On the tool's prompt, enter the engine's s/n manually (get the serial number directly from the dataplate on the engine) and then click on "CONFIRM" (1). If you do not have the s/n, click on "SKIP" (2) to go to next screen.



When you click on "SKIP" (2), the Area Partners login screen will appear; enter your User Name and Password (<https://partners.lombardini.it/>).

This procedure is needed in order to authorize the software to connect to the servers of KOHLER and download the updated maps.

NOTE: *the following screen applies only to certain profiles.*

4.3.2 Overview

Once logged in, the "Overview" page is displayed

A - Control unit information:

- Simultaneous display of the ECU and DCU (where present)
- List of active and stored errors for the ECU and DCU (where present) in the same page, with direct link to the descriptive page that provides access to the Help File (Section 4.2.1.3 Help Files).
- Information about the calibration version for the ECU and DCU (where present)

B - Engine information:

- List of main features for the connected engine.

C - Control unit circle colours

Controller	Active Errors	Stored Errors	Dataset
ECU	Not available.	Not available.	Not available.
DCU	Not available.	Not available.	Not available.

Vehicle Information

Engine serial number: **461390073**
 Worked hours: --
 Model: **KDI3404TCR/22B**
 Power KW: **75,00 kW**
 Speed Rating: **2.200 rpm**
 Low Idle Speed: **800 rpm**
 High Idle Speed: **2200 rpm**

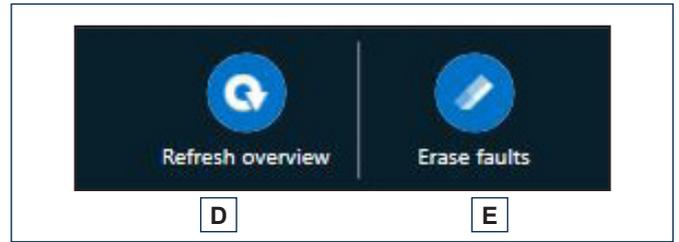


Important

- Circle colours (C) may vary; each colour has a precise meaning

BLACK	Connection to engine failed	
VIOLET	Control unit starting	
RED	Active errors	
ORANGE	Only recorded errors	
GREEN	No errors	
YELLOW	Deleting DTC	

D - "REFRESH OVERVIEW" lets you refresh the page
E - "ERASE FAULTS" lets you erase active errors from the ECU and DCU (where present).



F - "ENGINE Shutdown" lets you turn off the engine in case of emergency

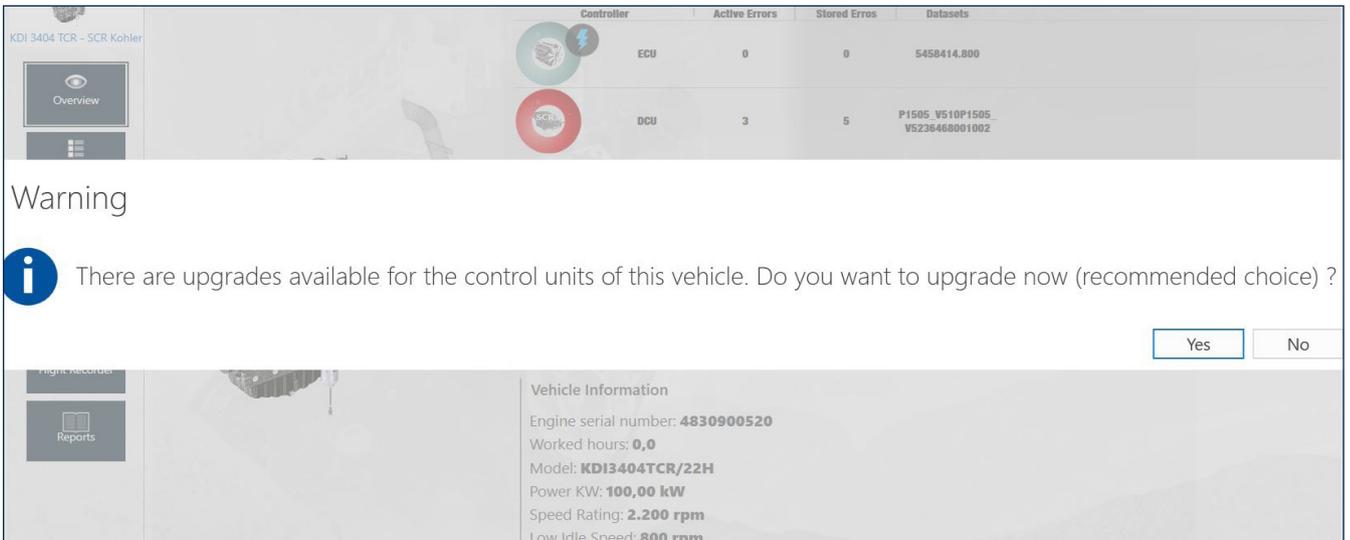


4.3.2.1 Flashing Online

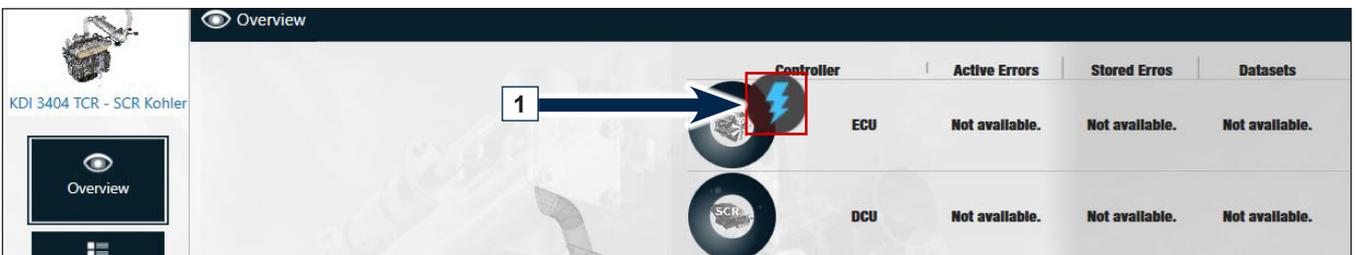
The online flashing can be launched from the "Overview" page (you will need to have an Internet connection)

4.3.2.1.1 Map update notification

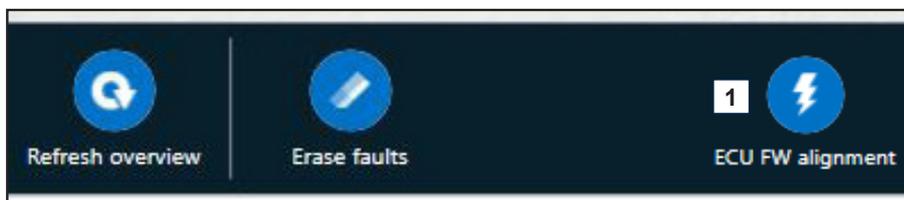
If a more recent version of the map for the ECU or DCU (where present) is available, a notification popup will appear in the "Overview" page



When you click "NO", a symbol (1) will appear in two places
 - Next to the ECU or DCU (where present)



- In the "Overview" page screen (bottom right)



4.3.2.1.2 Map update

When you access the update map area, the tool describes the various steps for a correct update.

Simply follow the instructions that appear on the screen to update the maps easily.

The "FORWARD" (1) button can be found at the bottom of the screens, on the right side; the "BACKWARDS" (2) button, on the left side.

Kohler Diagnostics

KIRA
 KOHLER
 INTEGRATED REMOTE ANALYTICS

Version 1.3.0.13 Database 14.6

KDI 3404 TCR - SCR Kohler

ECU firmware alignment

Controller	Current dataset	Upgrade	Upgrade type
ECU	5458414.800	5458560002	Mandatory

Before start...

Make sure that the engine is switched off, the key is ON and that the vehicle/machinery in safety.
 Press FORWARD when ready to continue.

Backwards (2) Forward (1)

ENGINE SHUTDOWN

Backwards Forward

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 KOHLER
 INTEGRATED REMOTE ANALYTICS

Version 1.3.0.13 Database 14.6

KDI 3404 TCR - SCR Kohler

ECU firmware alignment

Controller	Current dataset	Upgrade	Upgrade type
ECU	5458414.800	5458560002	Mandatory

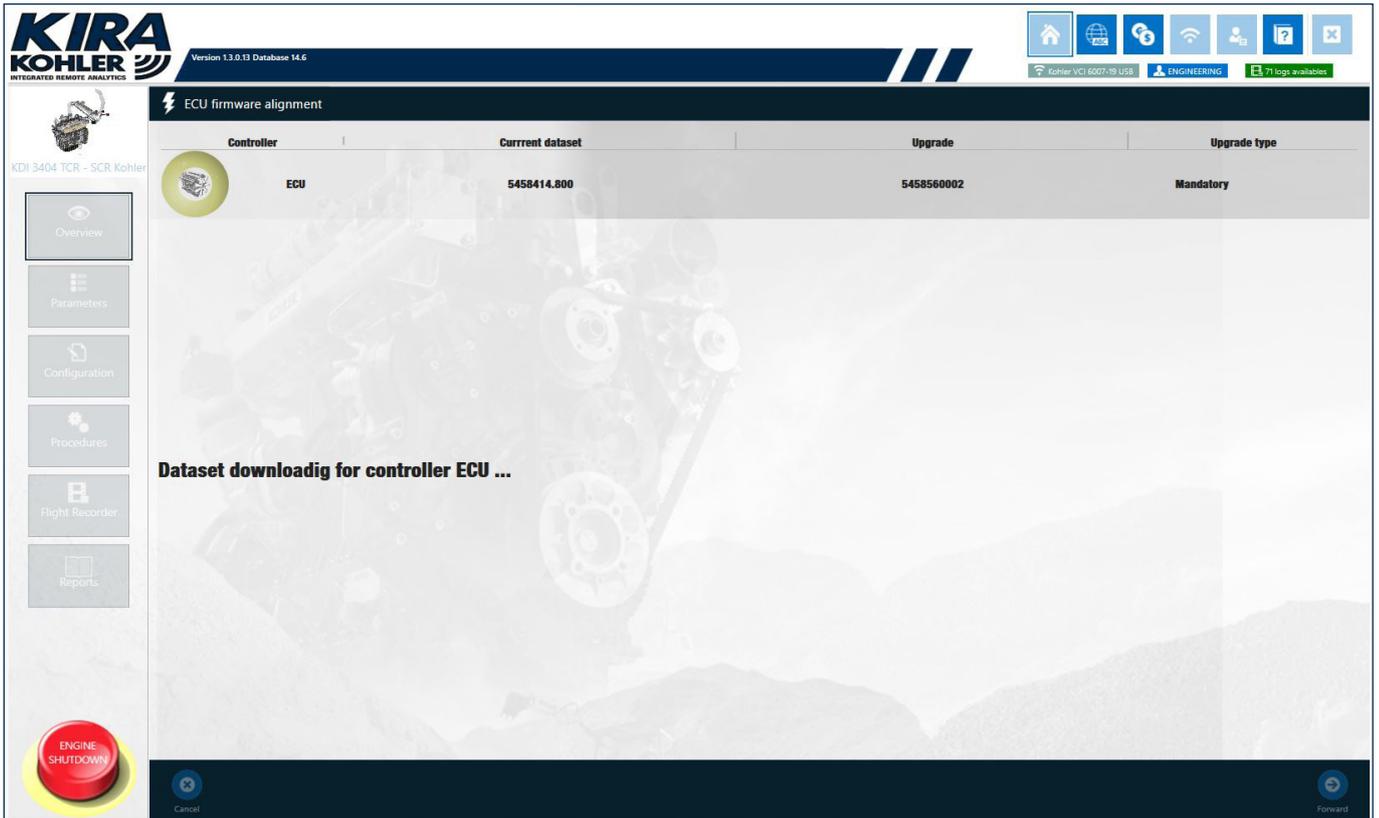
Warning!

During programming there may be malfunctions or anomalous signals from the instrument panel.
 Press FORWARD to continue.

Backwards Forward

ENGINE SHUTDOWN

During download of the map, the “BACKWARDS” button is disabled.

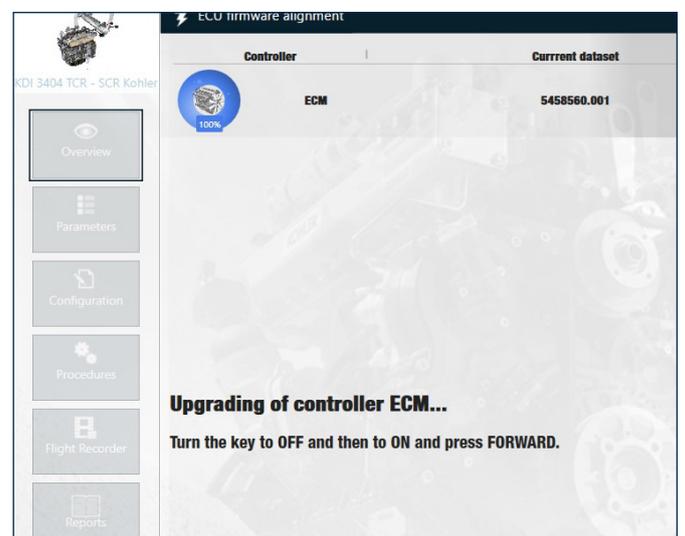


During this process, the system downloads the updated map for the previously recognized s/n; the download time will vary based on your Internet connection.



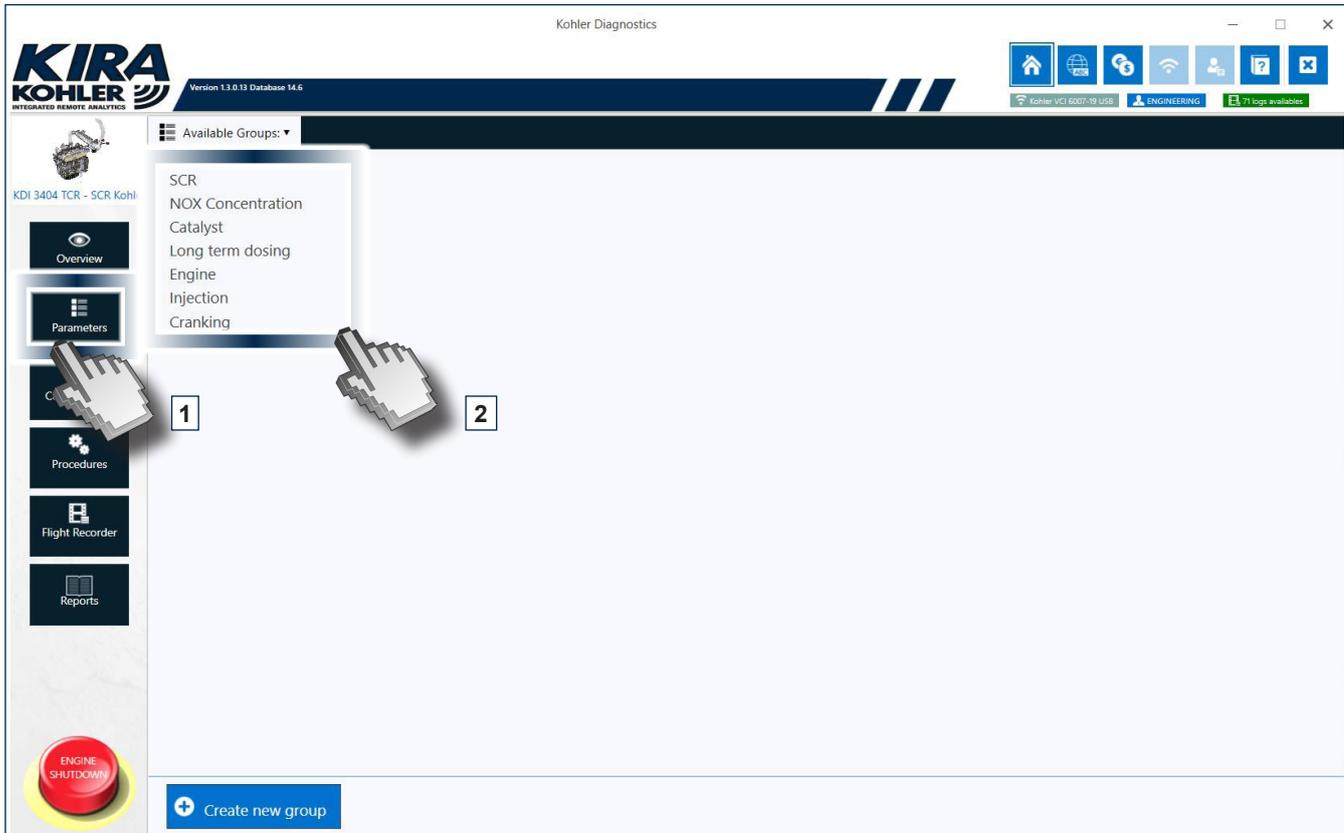
Once the download is completed, the tool will perform a flashing of the control unit. The actions that the user must perform to complete the operation are displayed in this process as well.

If you do not have an Internet connection, you can perform an offline flashing: from the Homepage, simply click on “Flashing offline”.



4.3.3 Parameters

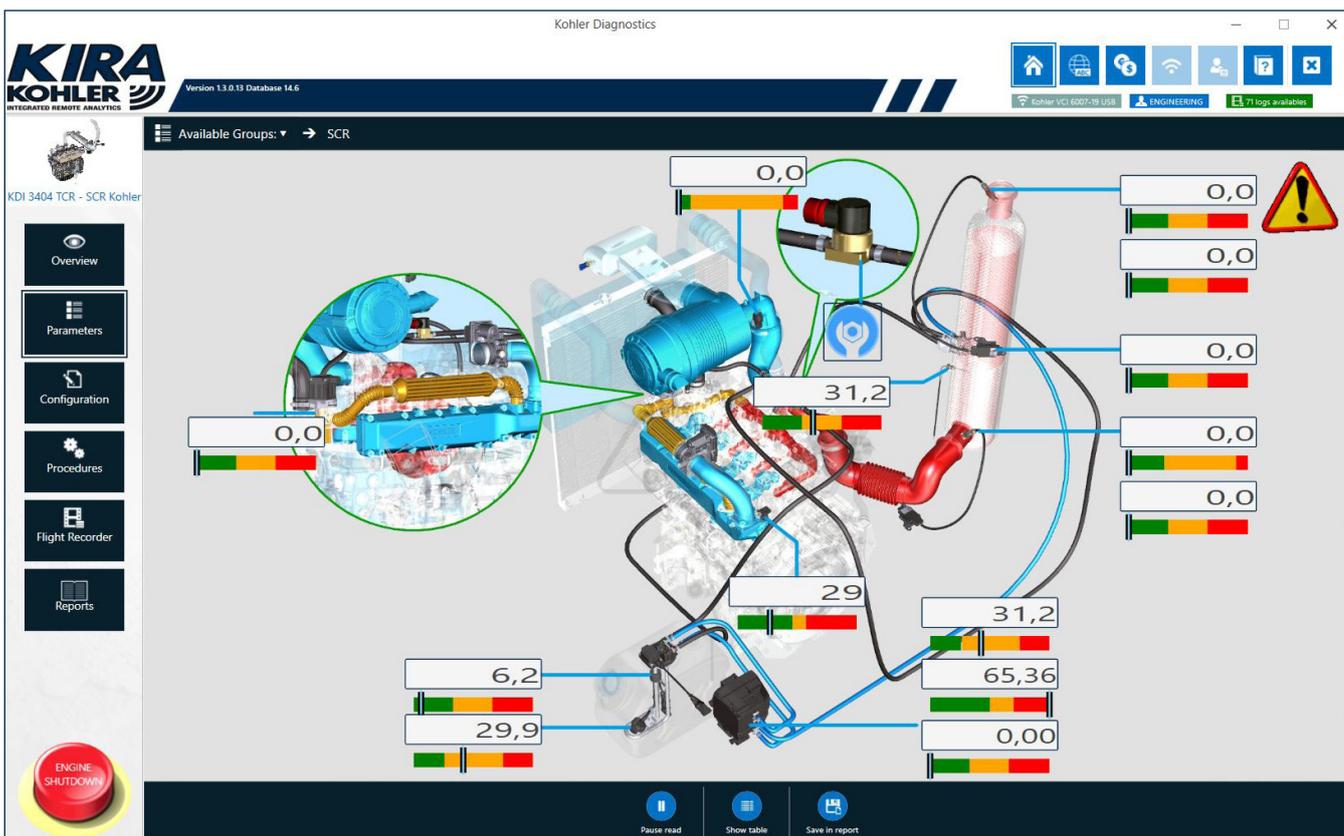
Click on "PARAMETERS"(1) to access the section containing parameters (2) already created by Kohler. To view the content of each group, double-click on one of the parameters.



An example of ready parameters created by KOHLER (SCR) is provided below.

4.3.3.1 Synoptic charts

A synoptic chart, i.e. a simplified graphical representation of a complex system, is available for some groups.



Each synoptic chart features:

1. Parameter value
2. Measurement scale (gauge line)
3. Popup with additional information
4. Yellow triangle to warn of errors

1 - Parameter value

The synoptic charts in KIRA provide easy viewing of parameter values being diagnosed, updated in real time.



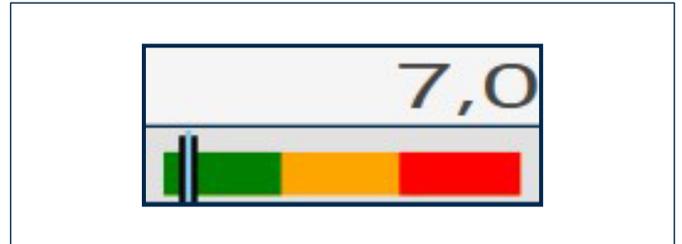
2 - Measurement scale (gauge line)

The gauge line lets you know if the parameters being diagnosed are within the proper range of values.

Green: acceptable values;

Orange: acceptable values are being exceeded/lowered too much;

Red: critical value.



3 - Popup with additional information

Each parameter (white box with diagnosed value) can be clicked to open a pop-up containing:

- Name of the parameter;
- Value range with relative unit of measure;
- Full parameter description.



4 - Error warning

If errors occur during diagnosis, a yellow triangle will appear (on top right corner) to warn the user.

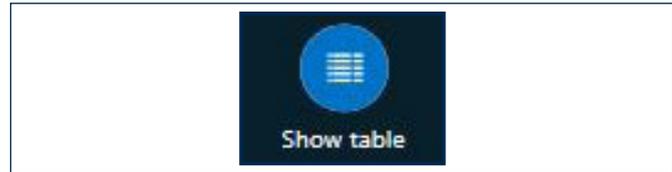
To display the detailed list of errors (section 4.3.7), simply click over the triangle.



4.3.3.2 Displaying the table of parameters

Click "SHOW TABLE" to view the table with all the parameters being diagnosed from the ECU and DCU (where present).

- Parameter name
- Parameter value
- Unit of measure for each parameter
- Read status for every parameter (green if read correctly by the tool, grey in case of a read failure)
- Origin of signal for every parameter (ECU or DCU)



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Version 1.3.0.13 Database 14.6

Kohler VCI 6007-19 USB ENGINEERING 71 logs available

1 Available Groups: ▾ → SCR

Description	Value	Unit	Status	Source
DEF tank level	6,2	L	●	Urea Dosing Sys...
DEF tank temperature	29,9	°F	●	Urea Dosing Sys...
Upstream exhaust temperature	31,2	°F	●	Urea Dosing Sys...
DEF system working pressure	65,36	bar	●	Urea Dosing Sys...
Downstream Nox concentration	0	ppm	●	Urea Dosing Sys...
Upstream Nox concentration	0	ppm	●	Urea Dosing Sys...
Upstream oxygen concentration	0,0	%	●	Urea Dosing Sys...
Catalyst efficiency	0	%	●	Urea Dosing Sys...
Downstream oxygen concentration	0,0	%	●	Urea Dosing Sys...
Instantaneous torque delivered by the engine	0,00	nm	●	Urea Dosing Sys...
Needle dosing module opening percentage	0,0	%	●	Urea Dosing Sys...
DEF injected quantity	0	mg/sec	●	Urea Dosing Sys...
Supply module internal temperature	31,2	°F	●	Urea Dosing Sys...
DEF pump motor load (percentage)	0,00	%	●	Urea Dosing Sys...
Dosing Strategy: Current state of long term adaptation	0,9		●	Urea Dosing Sys...
Coolant temperature at engine output	29,0	°F	●	Urea Dosing Sys...
Air quantity per cylinder	1107,9	mg/cyl	●	Engine
Intake manifold air temperature	29	°F	●	Engine
EGR Current Position	0,0		●	Engine
Air quantity per cylinder correct	0	Kg/h	●	Engine
DPF Regeneration activation state	Unknown		●	Engine

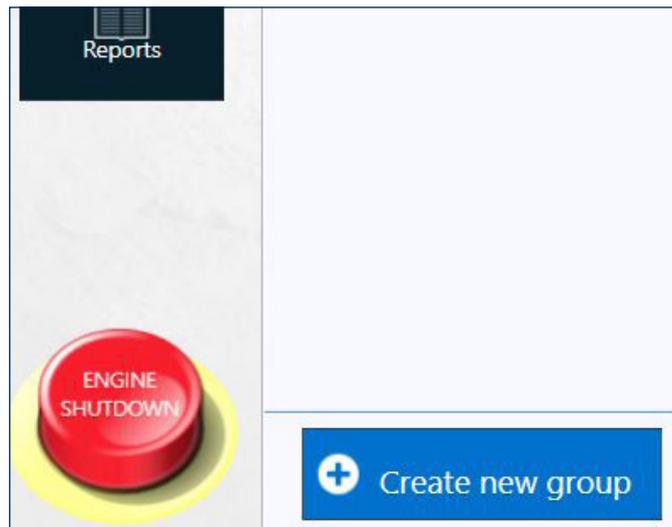
ENGINE SHUTDOWN

Pause read Show synoptic Show details Save in report

4.3.3.3 Creating a custom parameter group

Click on "Available Groups" (1) to create a custom group.

With this button , you can create groups with your own custom parameters from the ECU or DCU (where present).





Important

- The new group will be visible only in the computer used to create it. If the software is reinstalled in another computer, the custom group will be lost.

With a double-click on the description under "Parameters available for adding" (2), you can create a "Param group" list (3).

Enter "Name of the group" (4) and a "Comment" (5) if necessary (optional parameter).

When finished, click on "Save" (6).

The new group (7) will be displayed after you click on save and return to the screen "Available Groups".

Changes can be made to a new group by double-clicking the name of the new group and clicking on "Customization groups".

If you want to delete the group created, click on "Remove Group" (8) and then on "Yes" or "No" (9), depending on whether or not you decide to delete it permanently.

4.3.4 Procedures

Click on "PROCEDURES"(1) and then on "PROCEDURE SELECTION" (2).

From this menu you can perform common procedures. The tool will guide you step by step in a simple and intuitive way.

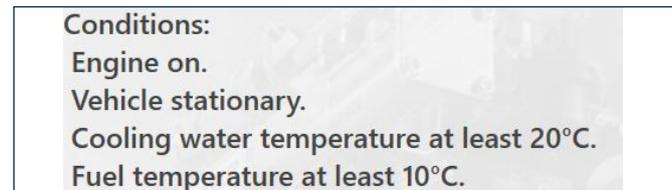
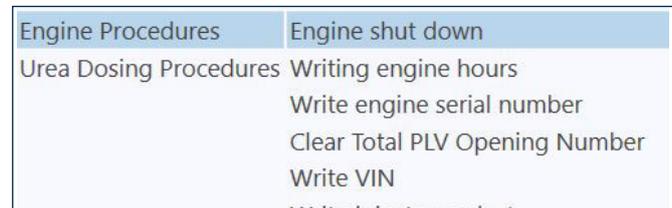


An example of a guided procedure is provided below. Click on "Engine procedures" and "Engine shut down".

In this case, the various engine conditions will be displayed.

Note: *The "Forward" button, can be found at the bottom of the screens, on the right side; the "Backwards" button on the left side.*

Click "FORWARD" to continue.



The buttons vary depending on the screen that appears at the bottom; for example, in this case the buttons are "Backwards" and "Replay".

Parameter	Status
Injection pump learning condition	Initial Condition

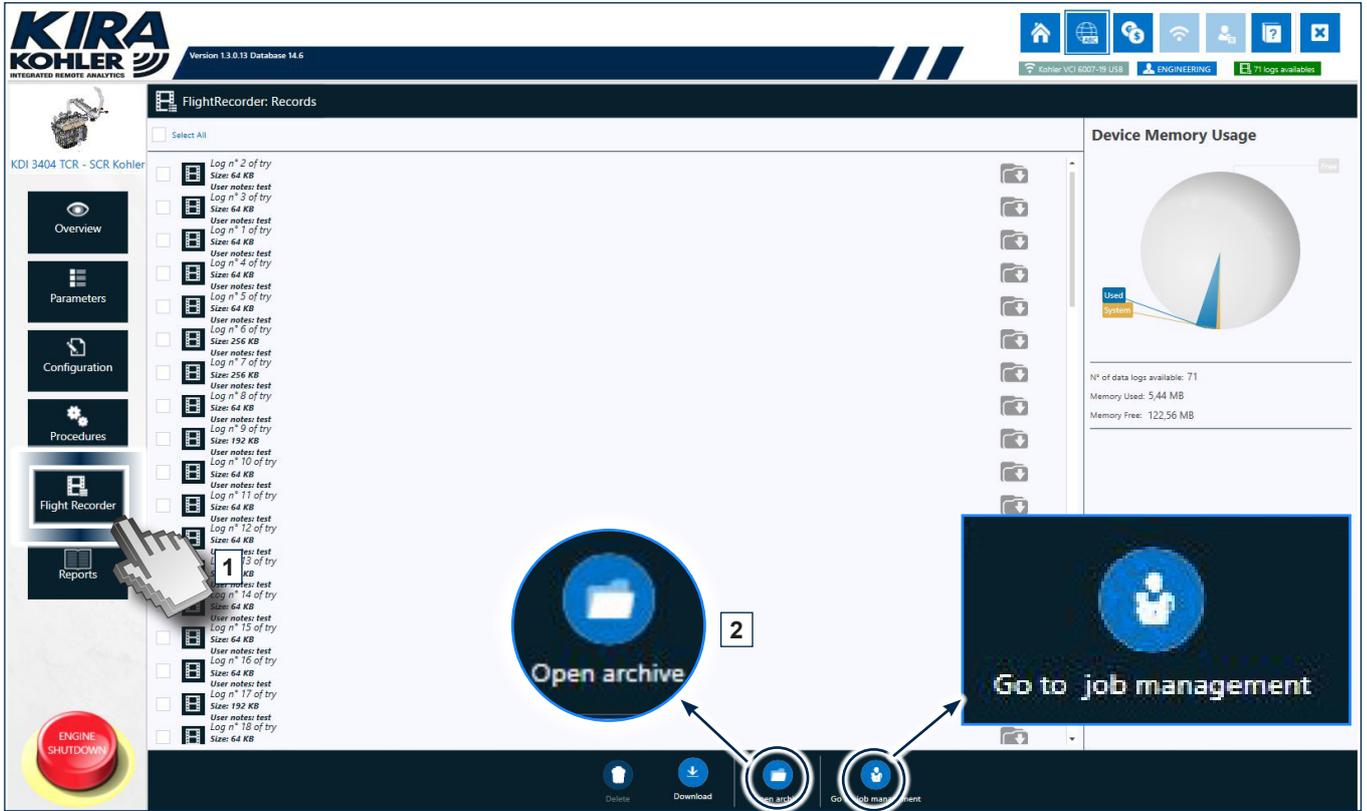
At the bottom of the screen, there are two navigation buttons: 'Backwards' (left arrow) and 'Replay' (circular arrow).

4.3.5 Flight Recorder

Click on "FLIGHT RECORDER"(1).

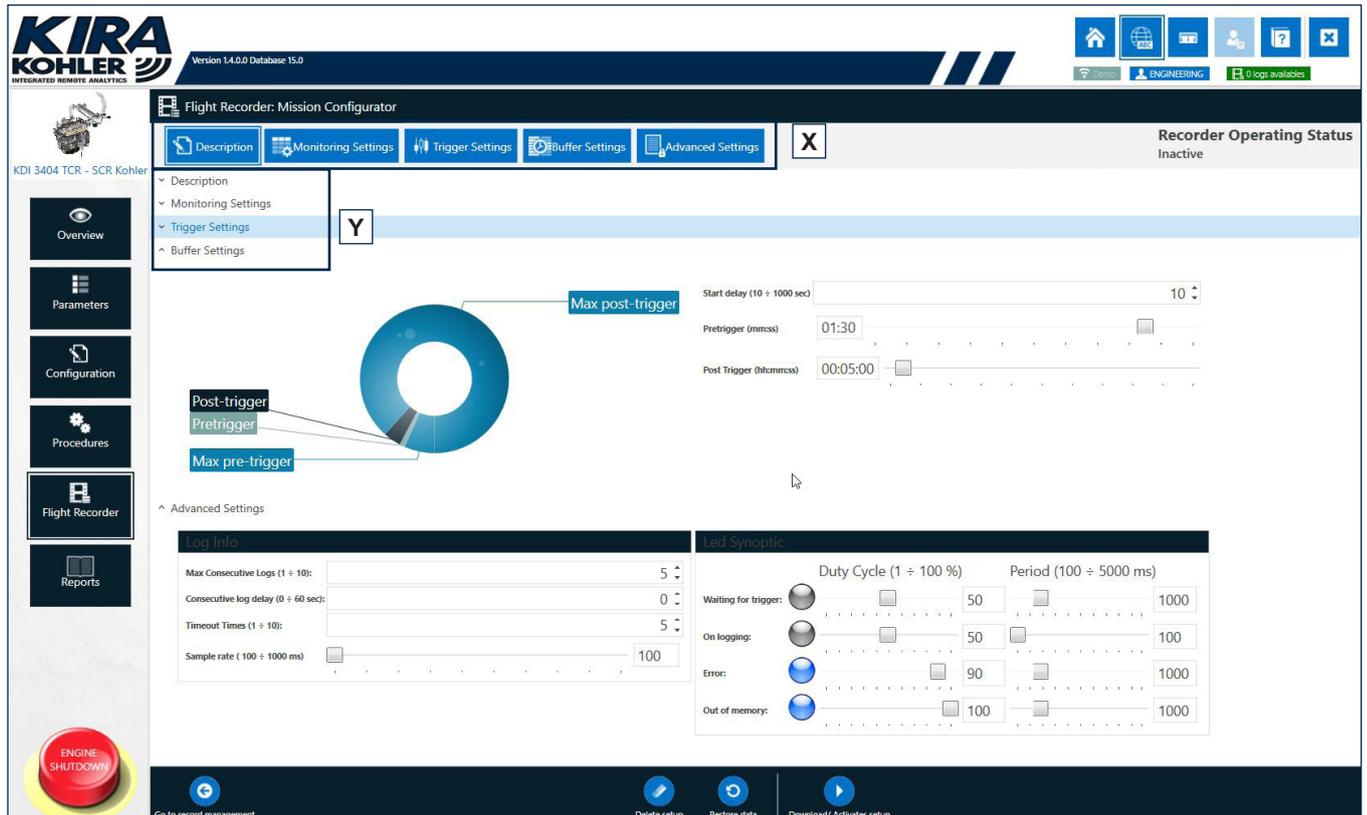
With this function, you can record a user-defined set of parameters without keeping the PC/Tablet connected. The values, in fact, will be saved to the VCI that will remain connected to the engine.

Click on any one of the *.csv files to open the document containing previously recorded parameters (2).



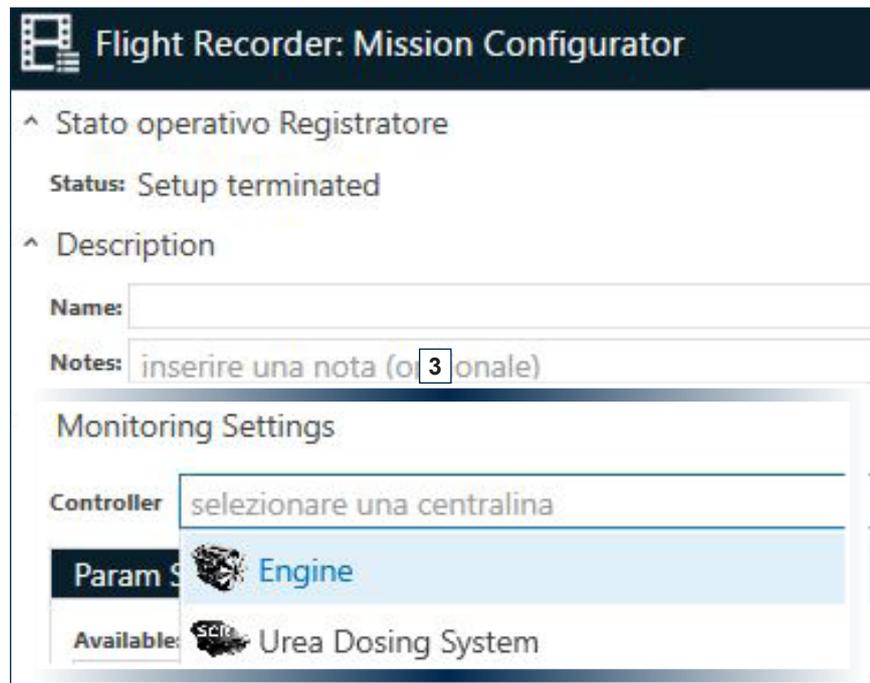
Click on "Open Archive" to open the folder containing the previous recordings; if, instead, you click on "Go to job management", the following screen will open.

Click on the "X" buttons directly it is possible accesses the relevant sections of interest "Y".

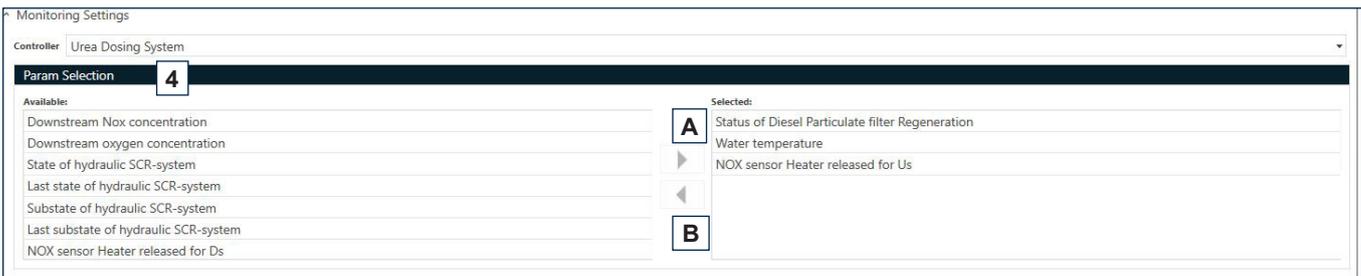


4.3.5.1 Choosing parameters

Select the control unit from which to record data (3) (ECU <Engine> or DCU <SCR>).



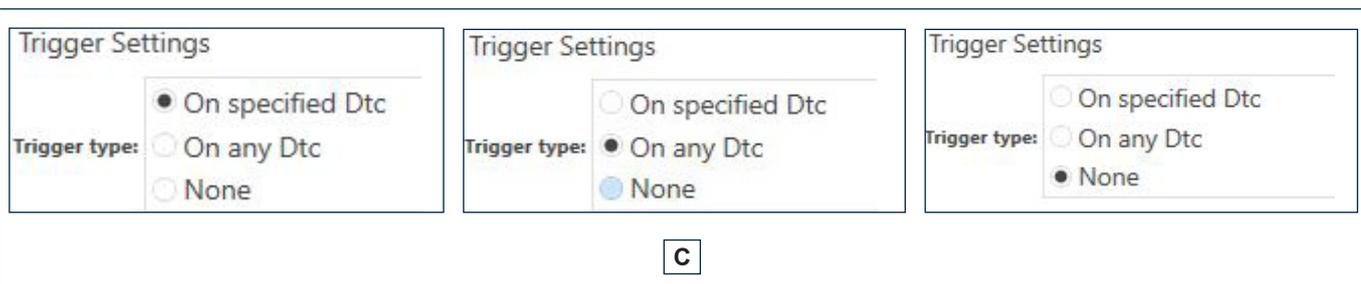
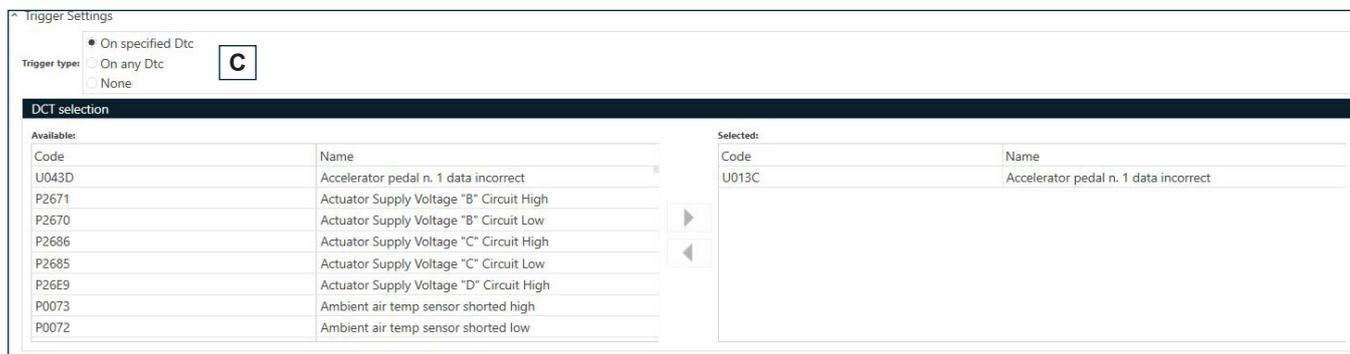
Under "Param Selection" (4), select the parameters you want; use arrow "A" to move them to the right column. If you unintentionally move a parameter, simply select it and click on arrow "B".



4.3.5.2 Choosing events to record

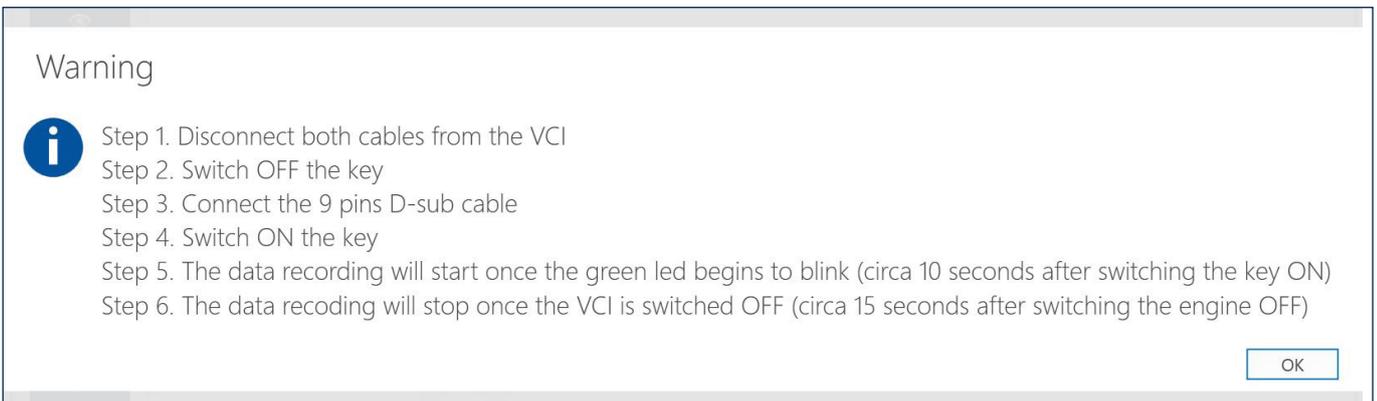
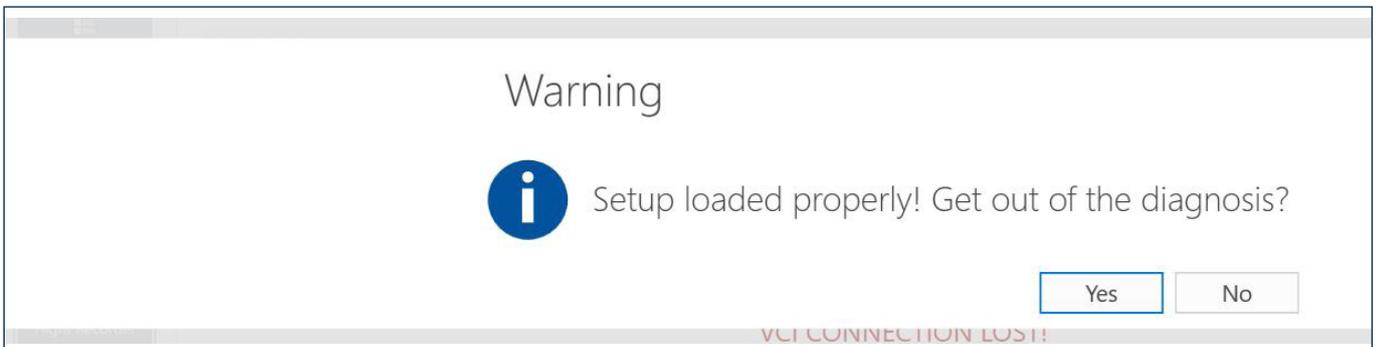
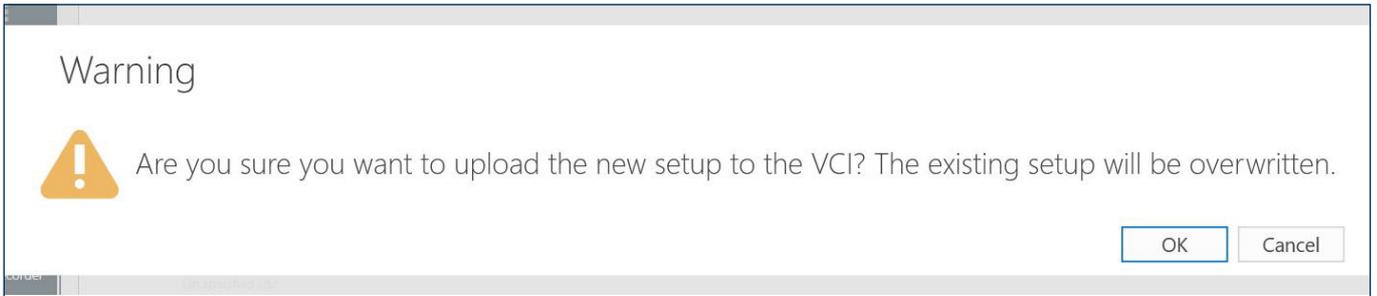
You can choose to record particular events during Flight Recorder in the "Trigger settings" window (C).

- To select individual errors, select "On specified Dtc"
- To select all errors automatically, select "On any Dtc"
- If you select "None", no error will be selected.



4.3.5.3 Start "Record Missions"

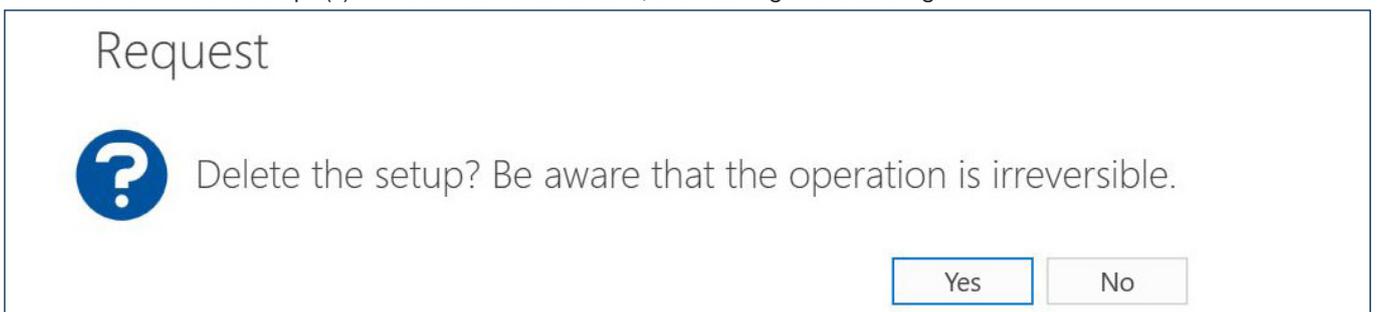
After setting desired parameters and events to record, click on the "DOWNLOAD/ACTIVATES SETUP" button (4). Follow the messages that appear, step by step.



Press "OK" to end.

5 - A click on "Go to record management" will take you to the "Flight Recorder" section.

6 - A click on "Delete setup" (6) will reset active selections, even during the recording.



7 - A click on "Restore data" will reset active selections without a confirm prompt.

4.3.7 Diagnosis errors

Errors can occur in the control unit during diagnosis and will be displayed as a list in the relevant section. The section can be reached in different ways:

1. From the "Overview" page (section 4.3.2) if the control unit has a red and/or orange circle;
2. From the "Synoptic charts" page (section 4.3.3.1) if the "Error warning" triangle appears"

Each row represents a DTC with link to its particular Help File, which can be consulted online or even without Internet connection (after it has been downloaded; see section 4.2.1.3 Help Files).

Description	Code	Status	Counter	Source	Help
Invalid Data Received From NOx Sensor "A"	U029D	Registered	1	Urea Dosing Sy...	
Lost Communication With ECM/PCM "A"	U1048	Registered	1	Urea Dosing Sy...	
Lost Communication With ECM/PCM "A"	U104F	Present	1	Urea Dosing Sy...	
NOx Sensor Heater Control Circuit Range/Performance Bank 1 Sensor 2	P2222	Present	1	Urea Dosing Sy...	
Lost Communication With ECM/PCM "A"	U1040	Registered	1	Urea Dosing Sy...	
NOx Sensor Circuit Range/Performance Bank 2	P229E	Registered	1	Urea Dosing Sy...	
Reductant Injection Valve Circuit Range/Performance Bank 1 Unit 1	P2058	Registered	1	Urea Dosing Sy...	
NOx Sensor Heater Control Circuit Range/Performance Bank 1 Sensor 2	P2221	Present	1	Urea Dosing Sy...	

1. A click on "Record" lets you save a file in "PDF" format. The file will be saved in the computer desktop under the folder "REPORT";
2. A click on "Clean faults" will remove active errors from the ECU and DCU (where present);
3. A click on "Error details" will display the detail for the error selected.

4.3.8 Activation

You can access the section dedicated to the ECU or DCU (1) from the “Overview” page. In addition to identifying the control units, you can also perform activations (2) from this section.

Controller	Active Errors	Stored Errors	Datasets
ECU	Not available.	Not available.	Not available.
DCU	Not available.	Not available.	Not available.

Vehicle Information

Engine serial number: **4613900730**
 Worked hours: --
 Model: **KDI3404TCR/22B**
 Power KW: **75,00 kW**
 Speed Rating: **2.200 rpm**
 Low Idle Speed: **800 rpm**
 High Idle Speed: **2200 rpm**

In this section of KIRA you can perform common activations; the tool will walk you through each step with detailed descriptions.

For example, you can stop the injector by clicking on Cylinder Injector Injection Stop 1 (3); a screen will appear with instructions to follow to complete the activation.

KIRA
 KOHLER
 INTEGRATED REMOTE ANALYTICS

Version 1.3.0.13 Database 14.6

Actuators

- Cylinder Injector Injection Stop 1
- Cylinder Injector Injection Stop 2
- Cylinder Injector Injection Stop 3
- Cylinder Injector Injection Stop 4
- Fuel leak check
- Resets the position of the EGR valve
- Ignition relay activation

Identify

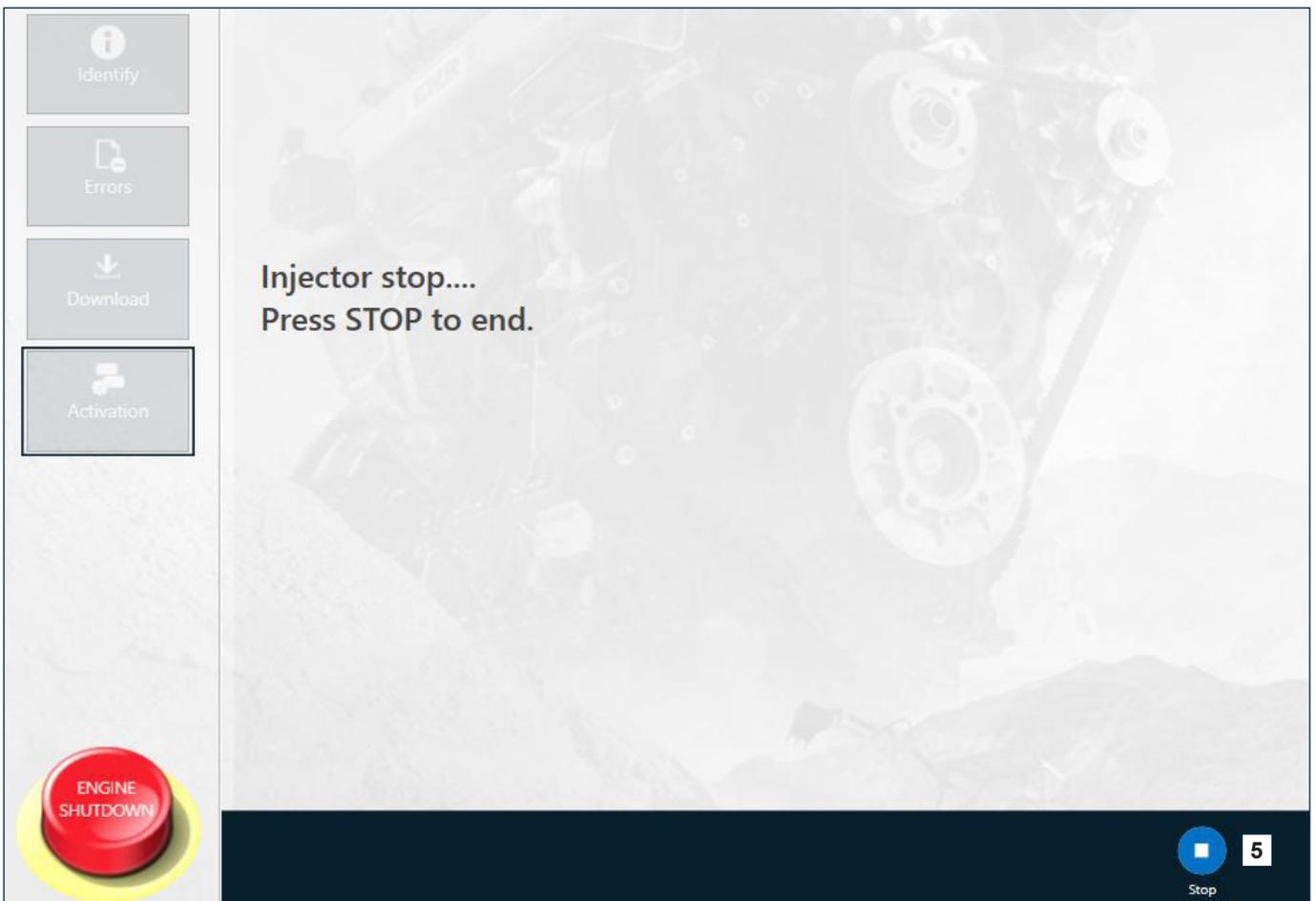
Errors

Download

Activation



The selected procedure will start when you click on the "Forward" button in the lower right (4).



To stop the procedure, click on "STOP" (5).

The screenshot displays the KIRA software interface. On the left side, there is a vertical menu with four buttons: 'Identify' (with an information icon), 'Errors' (with a document icon), 'Download' (with a download icon), and 'Activation' (with a puzzle piece icon). Below these buttons is a large red button labeled 'ENGINE SHUTDOWN' with a yellow glow. The main area of the screen shows a faded background image of a Kohler engine. Overlaid on this image is the text: 'Injector stop is finished. Press REPLAY to turn on the component again or BACKWARDS to exit'. At the bottom of the screen, there is a dark blue bar containing two circular buttons: 'Backwards' (with a left-pointing arrow icon) and 'Replay' (with a circular arrow icon). The number '7' is positioned above the 'Backwards' button, and the number '6' is positioned above the 'Replay' button.

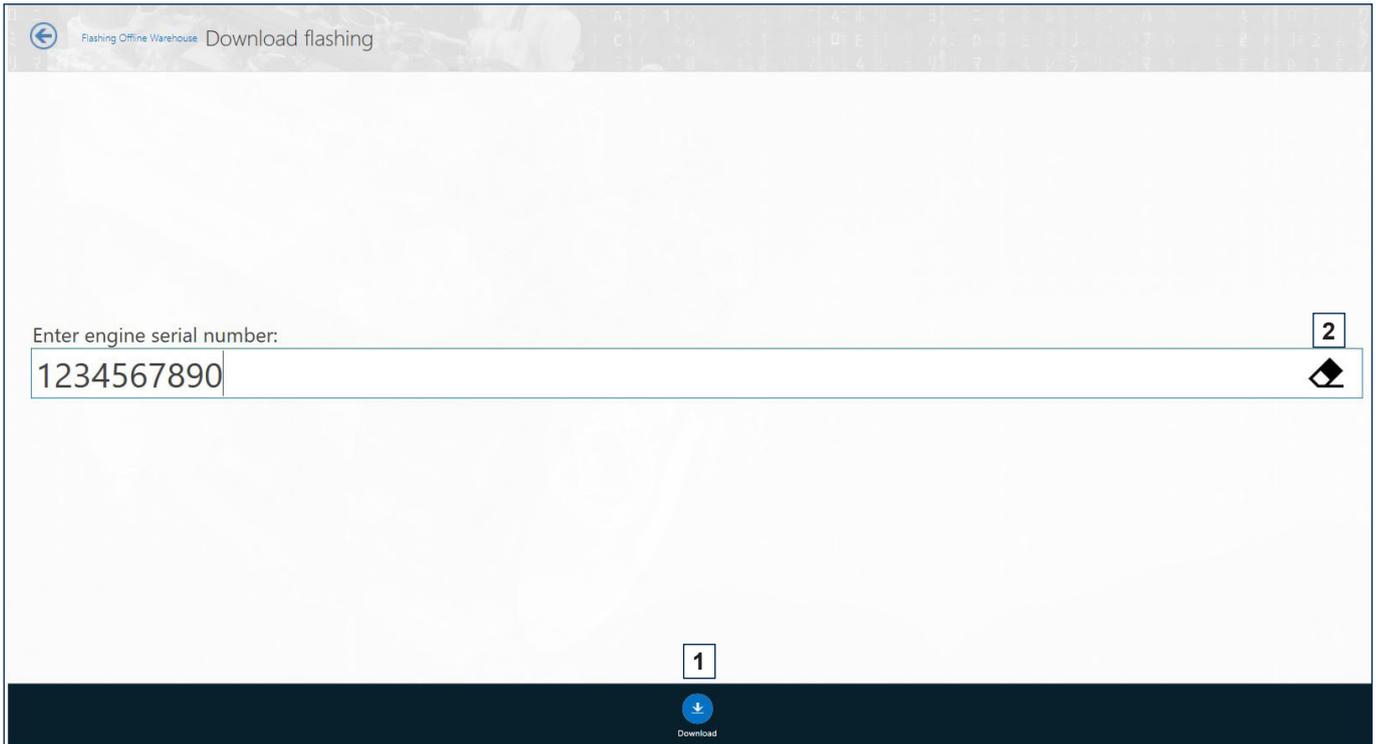
To restart the procedure, click on "REPLAY" (6); to return to the "ACTIVATION" screen, click on "BACKWARDS" (7).

4.4 Flashing offline

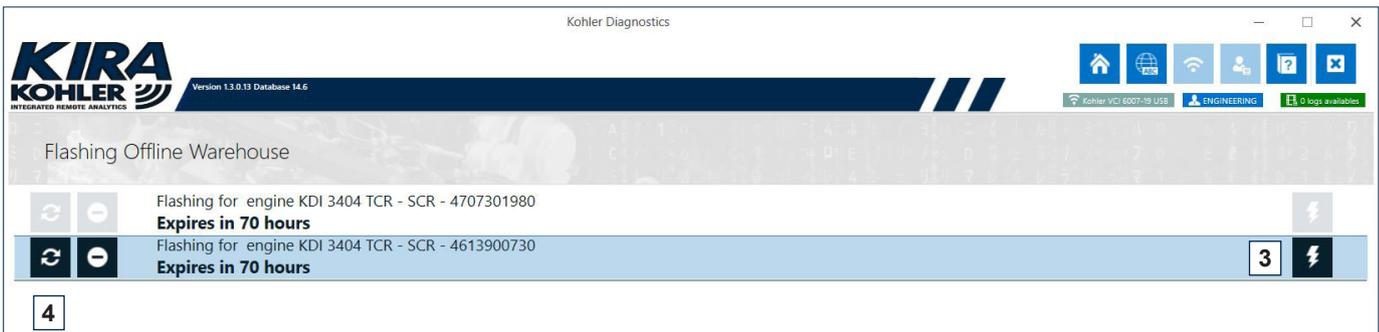
Click on “FLASHING OFFLINE” to perform the flashing of the ECU and DCU (where present) without an Internet connection.

With KIRA, you can download updated maps when you have an Internet connection and then keep them stored in the tool. After the download, you will have up to 72 hours to perform the flashing on the machine.

Enter the engine’s serial number and click on “Download” (1) to download the most recent version of the map. You can erase the serial number with icon (2) if you make a mistake.



Once you have found the latest updated version, you can perform the flashing by clicking the “LIGHTNING BOLT” (3) (on the right of downloaded maps).



The list will tell you how much time you have to use the downloaded map and let you search for a more up-to-date version (if you have an Internet connection) by clicking the icon (4).

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