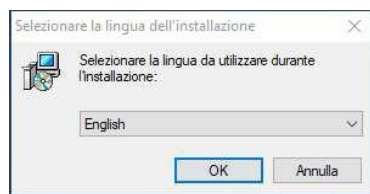# Index

➢ translation from the original (Italian)

1. First installation

✓ Insert the USB memory into the PC and start the installation procedure by double clicking on the setup icon
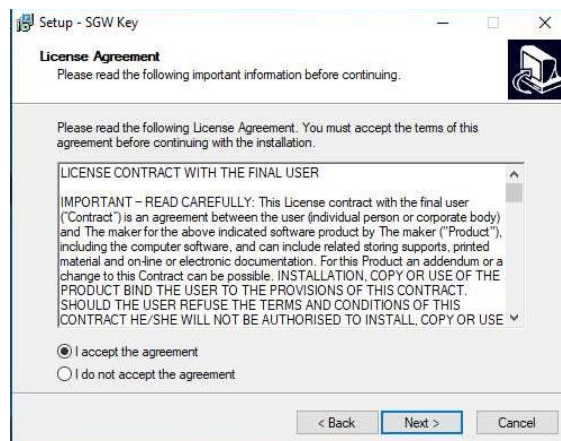

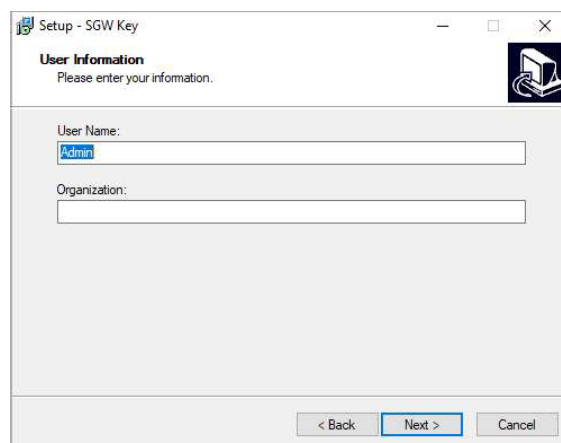Setup_SGW...

✓ Select the installation language, then press OK
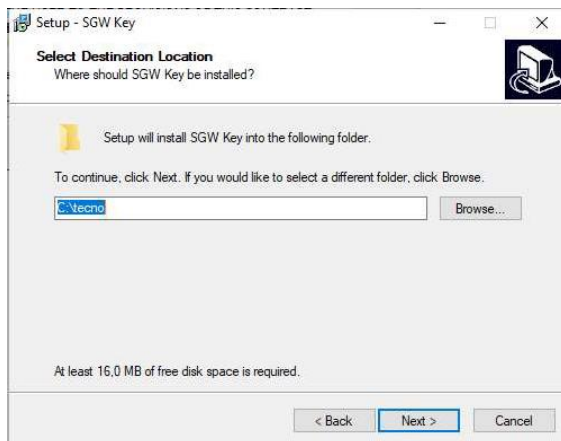

✓ Proceed with the installation by pressing Next

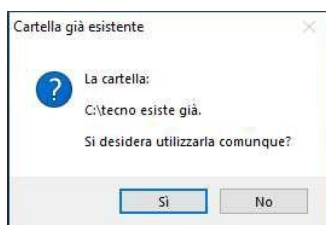✓ Read and Accept the terms of the license agreement, then press Next

✓ Set the user information, then press Next
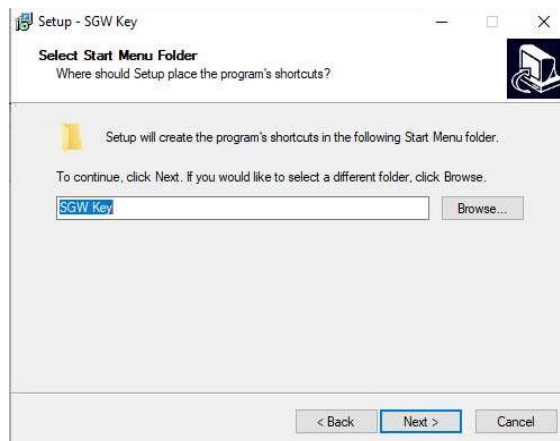
✓ Select the installation folder, then press Next
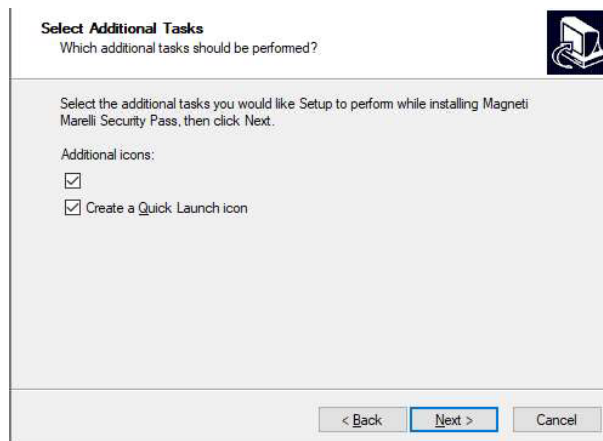

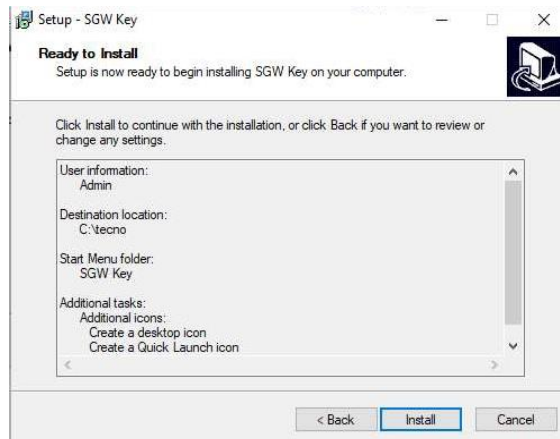✓ If other Tecnomotor products are present, the following message may appear, confirm by pressing Yes.

✓ Select the folder in the Start Menu, and then press Next
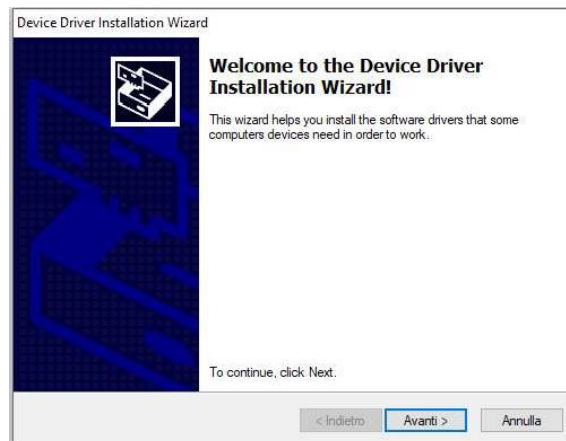

✓ Select the checkmarks for automatic creation of additional icons, confirm the selection by pressing Next

✓ Check the summary, then press Install to proceed or Back to change the settings

✓ The driver installation window will open, press Next to continue

✓ Wait until the end of the operation, then press Finish

✓ Restart the PC to complete the installation process

2. Connections

✓ The SGW key has two connectors at its ends

Front view of the OBD
cable connector

Front view of the USB
cable connector (or
optional Bluetooth antenna)

✓ The standard equipment, in addition to the device, includes two wiring harnesses:

  ○ Y cable for connecting the SGW key to the vehicle and to the diagnostic equipment

  ○ USB cable for PC connection

✓ Below a schematic diagram of the connections

✓ It is possible to expand the connectivity of the SGW key by purchasing the bluetooth kit (optional)

Bluetooth
Antenna

Antenna
connection

✓ NOTE1: for correct operation, the device must always be powered. The power supply can be provided both through the USB connection to the PC and through the OBD connection to the vehicle.

✓ NOTE2: In case of use of the bluetooth kit (optional), to ensure a correct power supply of the SGW key it is necessary to maintain the connection to the OBD socket of the vehicle for the entire duration of the operations.

3. First application run

✓ Start the SGW key application.

✓ At the first start select the preferred language, then confirm the information notice by pressing Accept
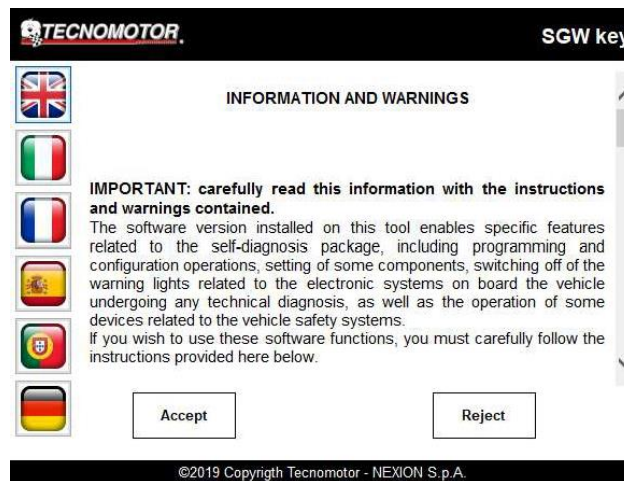
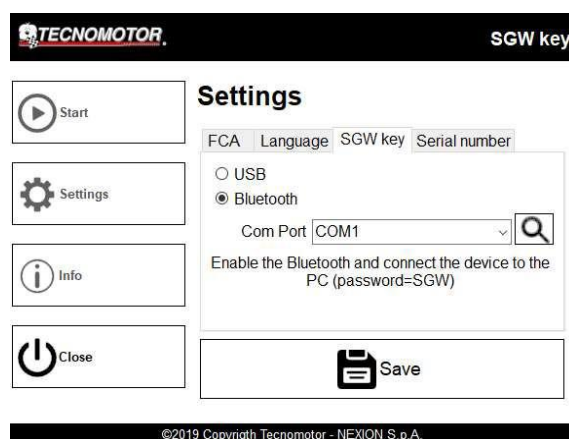✓ NOTE: At the first start-up, the communication setup will be necessary.

4. Settings

✓ The Settings menu will be immediately available at the first start and always accessible by pressing the Settings button.

✓ USB configuration - connect the device to the PC via USB cable, then press the 🔍 button to proceed with automatic detection. If the device is properly detected, its serial number will be displayed, otherwise you will see a hint:
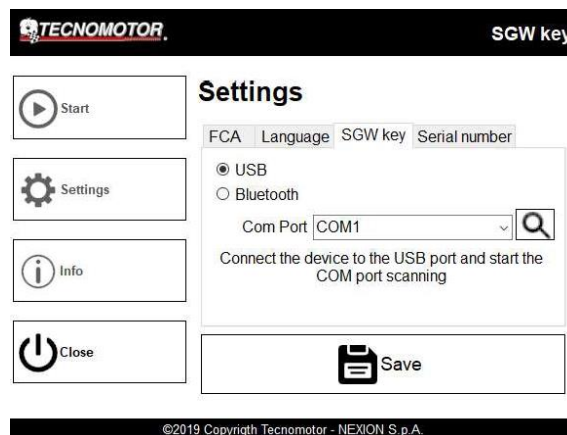
✓ Bluetooth Configuration - enable Bluetooth on the PC and connect the Bluetooth antenna to the SGW key. Thus, perform the following procedure:

1. open the Settings app on the PC, using the search bar or the Windows key + I keyboard shortcut;

2. Navigate to Devices and go to Bluetooth;

3. Make sure the Bluetooth switch is in the On position;

4. Select the device SGW key (followed by the serial number), then set the password (the default value is SGW) and click Pair;

5. Return to the application and press the ⚲ button to detect the device. If the device is properly detected, its serial number will be displayed
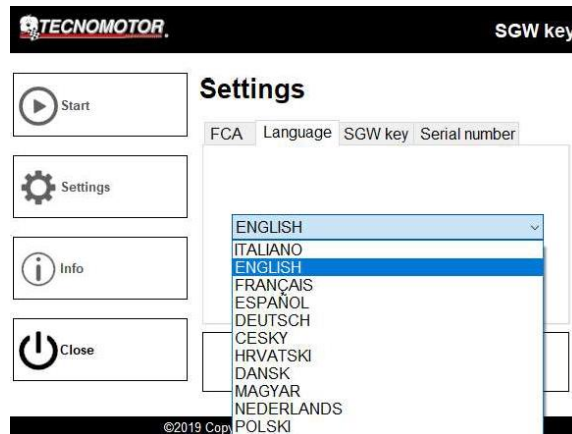
✓ FCA User Setup - access the FCA menu, then enter your username and password:

if you do not have FCA credentials yet, it will be necessary to carry out the FCA registration procedure by accessing the dedicated website: https://www.technicalinformation.fiat.com.

✓ Language selection - once the language menu is selected, select the desired language from the drop-down menu:

✓ From the Serial Number menu it will be possible to view the Serial Number of the device and the related licensed password:
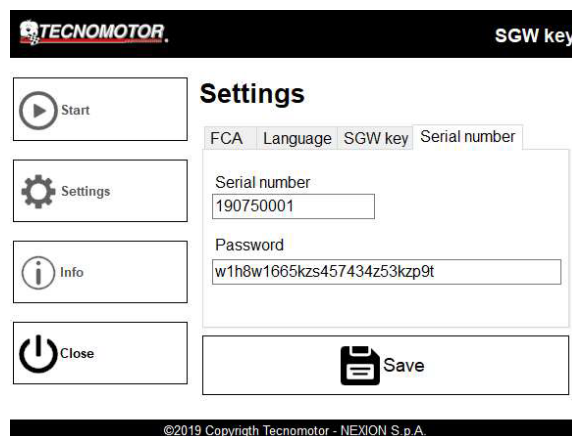
✓ Once the setup is complete, press the
Save button to save and exit the menu.
If you do not want to save, press the Close
button to exit the Settings section.

5. Main menu

✓ In the main screen of the application the user can view all of the information necessary to uniquely identify the product:

  ➢ Software Version
  ➢ Firmware Version
  ➢ Bootloader Version
  ➢ Hardware Version
  ➢ Serial Number
  ➢ Product type
  ➢ License Activation
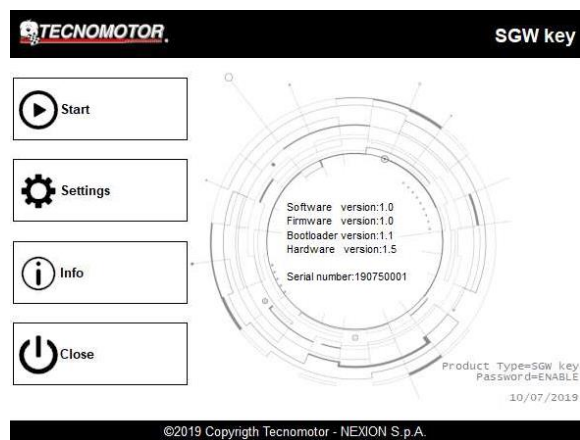
✓ On the left side of the home screen are placed four keys:

➢ Start – press this button to proceed with the unlocking procedures of an FCA control unit. For more information, refer to the chapter Control unit unlocking, on page 21;

➢ Settings – select to access the settings menu. For more information, refer to the dedicated chapter, available on page 14;

➢ Info – select to access the information screen;

➢ Close – press this button to exit the application.

6.Control unit unlocking

✓ Make sure the SGW key is correctly connected to the PC, then press the Start button from the main menu to start the unlocking process of an FCA control unit.

✓ Purchase the token from the FCA website, then proceed with the button ➡
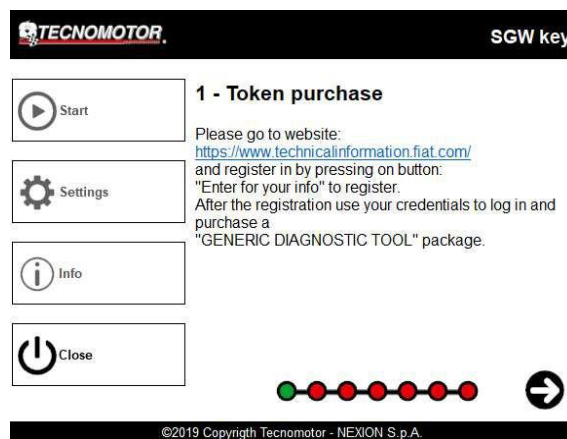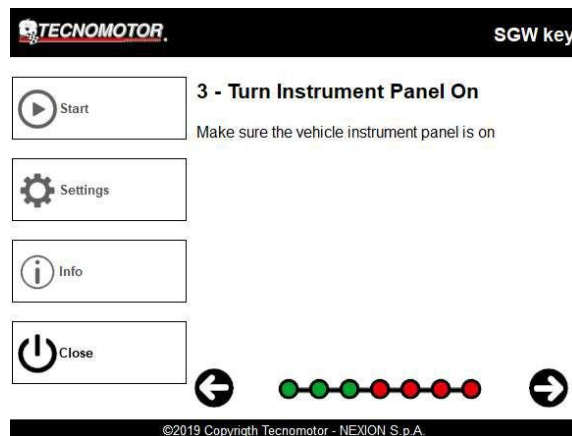

The device LED will flash red.

✓ Proceed with the connections: connect the SGW key to your diagnostic equipment and to the vehicle's OBD socket, using the supplied Y-cable.
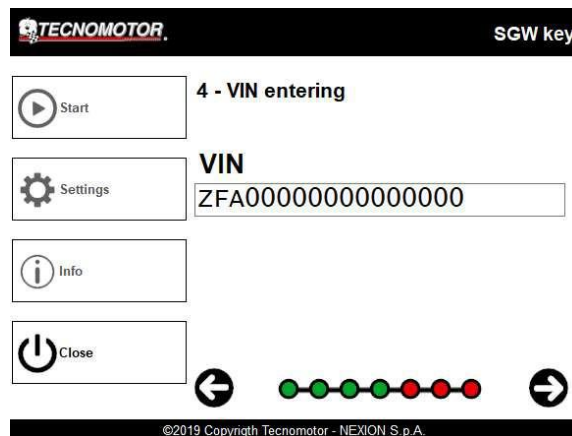
Advance through the button ➡:
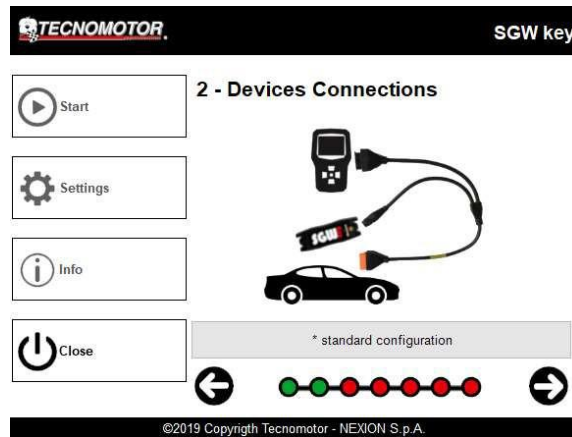
The device LED will flash green.

✓ Turn on the vehicle instrument panel, then
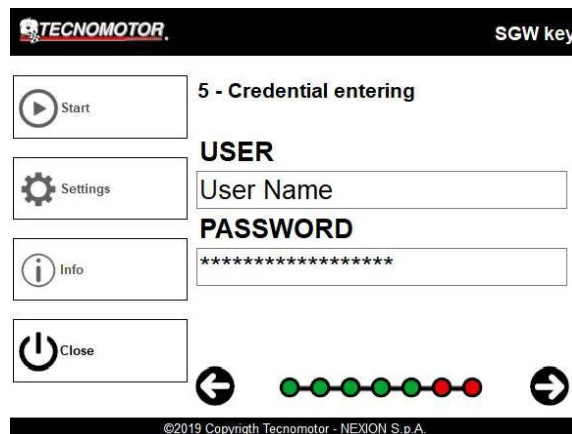move forward using the button ➡:

The device LED will flash green.

✓ The SGW key will read the vehicle VIN automatically:

Advance through the button ➡: the device LED will flash green.

✓ Confirm or set the FCA login credentials:

Advance through the button ⬅: the device LED will flash green.

✓ The SGW key will start the SGW unlock procedure, wait for the operation to complete:
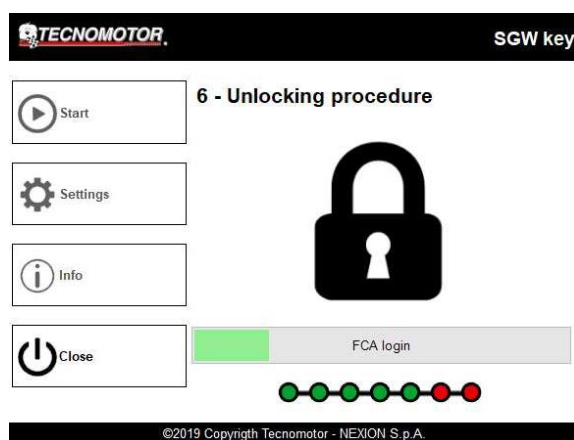
the device LED will flash green.

✓ If the unlocking operation is successful, the vehicle preparation screen will be shown, with three entries:

➢ Unlock SGW allows to check the status of the secure gateway;

➢ Logistic Mode –allows to activate or deactivate logistic mode, without the aid of an additional diagnostic tool;

➢ **Performance Limitation** – allows to activate or deactivate the vehicle performance limitation, without the help of an additional diagnostic tool.
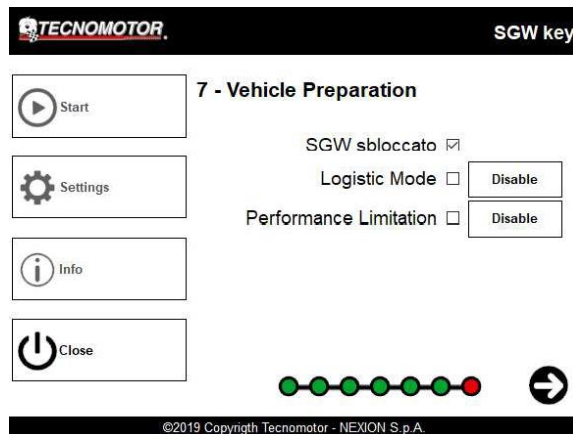
Once the desired unlocking operations have been carried out, continue by pressing the button⊜ the device LED will flash green.

✓ Now it will be possible to disconnect the device from the PC, keeping the OBD connection to the vehicle.
The device LED will flash green with very slow flashing: this flashing means that the communication with the SGW is active and the control unit is unlocked.
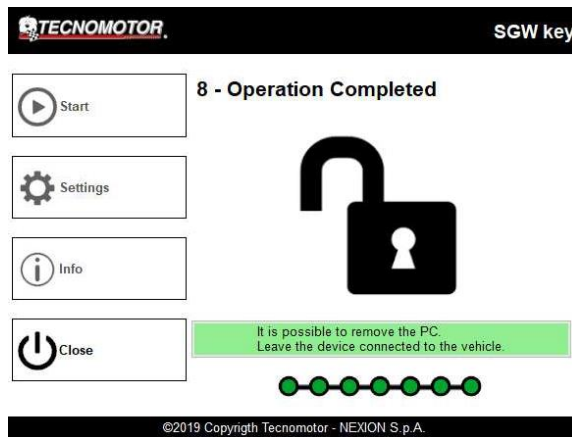
- ✓ NOTE1: if the SGW key LED turns red, it means that the SGW is no longer unlocked. In this case it is necessary to carry out the unlock procedure again.

- ✓ NOTE2: even if it is necessary to unlock the SGW more than once, it will not be necessary to re-run the procedures related to logistic mode and performance limitation.

- ✓ Press the Close button to end the current operation.

7. Information

✓ For any information or request contact
customer service

8. Technical Info

✓ SGW key size (without connectors):
  48 mm x 137 mm x 24 mm

✓ Weight: 0,150 kg

✓ Power supply:
  - Volt = 12 V
  - Ampere = 0.2 A
  - Kw = 0.0024

To integrate the supplied libraries, the Test Tool must have:
Windows 10 operating system
Microsoft .NET Framework 4.7
Updated Cert Store

The device automatically downloads any updates from our servers, which will then be proposed when the software is started.

The password is associated with the serial number of the device and the options purchased.

MANUEL D'INSTALLATION

(FRANÇAIS)

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