

Reprogramming procedure



Step 1. Prepare KTS for Passthru use

- ▶ Connect KTS to the mains voltage system using the power supply unit provided (mandatory during reprogramming)
- ▶ Install or update PassThru on the PC
 - Download Bosch PassThru software to your PC
 - Start the Bosch PassThru software setup (double-click on the setup) and follow the installation instructions.
- ▶ Configure KTS: check which KTS firmware is recommended by the vehicle manufacturer and update the firmware if necessary:
 - Close all open applications in KTS
 - Diagnostic Device Control (DDC) under Start -> Programs -> Bosch ESI[tronic] -> Bosch PassThru 'version' -> Diagnostic Device Control
 - Activate KTS with "USB" connection type and using the "PassThru" module (see DDC online help).
 - If necessary, update the KTS firmware update using the "PassThru" module (see DDC online help).

Step 2. Prepare PC



- ▶ Connect the PC with the power supply unit and deactivate standby / sleep mode, Microsoft update and hard disk scan of the antivirus program, quit running programs

Important note:

An interruption of the connections during the Bosch Euro 5 (PassThru) installation or the reprogramming can damage the control unit. Warnings for all components (charger, WLAN router, PC / notebook) help to prevent inadvertent switch-off.

In every case, the OEM-specific instructions must be complied with.

Step 3. Prepare vehicle

Ensure sufficient battery voltage on the vehicle - reprogramming requires up to 90 amps in continuous operation. The BAT 490 or BAT 690 charger is suitable, for example

- ▶ Switch on the ignition on the vehicle and switch off all consumers on the vehicle (air conditioning, ventilation, etc.)

Step 4. Reprogramming

- ▶ Connect KTS and PC directly via USB 2.0 or USB 3.0 (not via USB-HUB or WLAN)
- ▶ Connect KTS and vehicle via OBD connection cable, secure diagnostic connector against falling off
- ▶ Perform reprogramming via OEM software application according to OEM specifications

Step 5. Completing reprogramming

- ▶ Switch off the ignition and restart after at least 30 sec.
- ▶ Check and clear fault memory. The faults reported during reprogramming are typical for the system.
- ▶ Monitor or check the vehicle or control unit and its detailed functions for the first time when it is put back into operation. If necessary, carry out a test run.