

Automotive workshop/Activity № 2/

Practical task 1: Diagnostics of an automobile with KTS-540 Bosch and erasing Diagnostic Trouble Codes (DTC) or fault codes

Activities on the implementation of the task:

1. Connecting the KTS-540 Bosch to the car computer
2. Diagnosing and troubleshooting
3. Erasing the fault codes

Time for the activities to be implemented: one hour and a half

Duties of the participants:

1. To obey the rules for healthy and safe working conditions and environmental law.
2. To work with devices according to the safety rules and follow the technological sequence.

The technological sequence which must be followed includes the following steps:

Step1: Identifying the presence of a malfunction

Step2: Connecting the Bosch KTS 540 to the car computer

Step3: Activating the electric system of a car with the ignition key

Step 4: Switching on the Bosch KTS 540; Starting the diagnostic process; Reading the trouble codes, troubleshooting and erasing these codes

Step 5: Testing the proper function of the car and starting the engine

Step 6: Switching off the Bosch KTS 540 and disconnecting it from the car computer

Note: Switching on and off the Bosch KTS 540 is held when the engine doesn't work.

Results:

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The teacher in charge of the practical task:...../Marian Marinov/

Headmaster:...../Nikolaj Nikolov/