

Automotive workshop/Activity № 2/

Practical task 2: How to test an alternator if it is functioning properly?

Activities on the implementation of the task:

1. Alternator disassembly
2. Diagnosing alternator's parts
3. Assembly and test of an alternator

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: Alternator disassembly

Step 2: Measurement of the resistance of a rotor by a digital multimeter (VOM)

Step3: Measurement of the resistance of a stator by a digital multimeter (VOM)

Step4: Measurement of the length of the brushes of a voltage regulator

Step 5: Alternator assembly

Step 6: Testing the alternator

Results:

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The teacher in charge of the practical task:..... /Krasimir Georgiev/

Headmaster:...../Nikolaj Nikolov/