



Training course in maintenance and repair of electric power steering units with the aid of the equipment and special tools by MSG Equipment

Your instructors:

**Rinat Kulihev and
Aleksandr Tolstorebrov**

Our instructors are experts who have a lot of experience as employees in the automotive industry. They know everything about the design and manufacture of the equipment for EPS system diagnostics. They will teach you to service and diagnose electric power steering systems. You'll be taught to detect faults of the system electrics and eliminate them in time.

Rinat and Aleksandr are true professionals, they belong to those people who have tremendous potential for teaching by nature.



DAY 1-2

Theory

10:00 – 12:00

Lunch

12:00 – 13:00

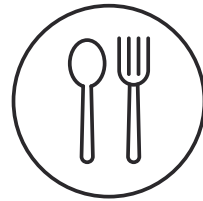
Practice

13:00 – 17:00

The training course lasts 5 days, from 10 am to 5 pm.

Issues to discuss:

- Application, classification, construction and functioning of EPS systems;
- The most common failures and recovery techniques;
- Operation fluids for EPS systems.



Practical session:

- Diagnostics and repair of electric power steering pumps and racks at our option*.

Training resources:

- Disassembled electric power steering racks and pumps;
- A steering angle sensor, a torque sensor, EPS Controller MS561.

DAY 3-4

Theory

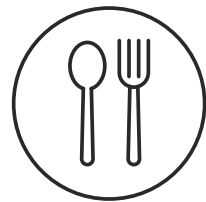
10:00 – 12:00

Issues to discuss:

- Application, classification, construction and functioning of EPS systems;
- CAN-bus operation features;
- Location and operation of electric and electro-hydraulic power steering sensors;
- EPS Controller operation.

Lunch

12:00 – 13:00



Practice

13:00 – 17:00

Practical session:

- Studing of control units main failures in different car models;
- Diagnostics and repair of electric power steering pumps and racks at our option*;
- Analysis of specific features of electronic control units assembling/ disassembling and repair.

Training resources:

- Disassembled electric power steering racks and pumps;
- A steering angle sensor, a torque sensor, EPS Controller MS561.

DAY 5

Usually, by this day our visitors have dozens of questions, and we spare time to deal with them.

*** Note!** If you have a list of car units you'd like to explore, please provide it in advance.

In the course of training we provide the following benefits:

- Individual selection of components;
- Training guides in soft and hard copy;
- Free topic-based consultation with our equipment developers;
- Consultations on equipment diagnostics and repair;
- Conducted tour of the corporate territory and production sites;
- Presentation of other equipment and special repair tools of different types;
- Technical support in the equipment operation and maintenance;
- A list of recommended additional equipment for launching business;
- Assistance in selecting spare parts and materials necessary for units repair.

Kharkiv
founded in 1654



Kharkiv is the second-largest city in Ukraine. A lovely town of about 1.7 million people, a major cultural, scientific, educational, transport and industrial centre of the country.

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