

## **Annotation**

As part of this thesis, the topic of designing a reader, analysis and removal of diagnostic errors based on the diagnostic cable ELM327 was considered.

As a result of the work, the following results are formulated:

- a) provides an overview of the car's Can-bus;
- б) investigated all the necessary data transfer protocols;
- в) designed and developed a device based on the diagnostic cable ELM327;
- г) the device was successfully assembled and tested on a car.