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THE ANALYZE OF CAR'S OPERATIONAL RELIABILITY WITH THE AIM OF IDENTIFICATION OF THE FAILURE CAUSES

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Abstract

The paper presents an ample study concerning the operational reliability of a certain type of car used in the urban traffic conditions. After statistical evaluation of the reliability indicators using Pareto diagram, the researches are oriented towards the failure processes for the less reliable parts that require expensive corrective actions. The analyze of the failure modes of the distribution mechanism allow to identify the possible causes of failures and to define an action plan for establishing precisely the real causes and eliminate them.

Keywords	
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Operational reliability, failure causes, reliability indicators, failure modes, distribution mechanism.

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