

## **A research of technical condition of a paint and varnish covering of a body of the car before holding repair actions**

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### **Abstract**

© TJPRC Pvt. Ltd. In the article "Investigation of the technical state of paint and varnish coating of the body of a car before and after repairs" the main results of studies of the technical state of the paint coating of the car body panels in the process of operation before the occurrence of the road accident and after the repair are presented. The relevance of scientific research in this work is that the issues related to the assessment of the technical condition of the body paintwork are not fully understood, especially for cars that are repainted due to damage of varying degrees of complexity as a result of emergencies, mainly after road accidents. The data obtained in this article can be used to analyse the technology of body repair, improve the methods for calculating damage caused by the accident, correcting the amount of natural physical wear of the vehicle, in the educational process for secondary special (professional) and higher educational institutions in the preparation of auto-oriented students. The results of the work make a significant contribution to increasing the efficiency of the operation of cars based on the technical condition of the protective coating of the tail of the body before and after the repair activities related to the preparation and painting operations. The scientific novelty of the article is to obtain the results of observations of the technical condition of the paintwork at the factory and repair painting of the body.

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### **Keywords**

Body painting & technical condition, Body repair, Car, Paintwork

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