

Researching the influence of various factors on the superficial layer materials used in car body construction and protection

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Abstract

To carry out the restoration of the car body, in addition to modern equipment for body repair and painting, it is necessary the use of high-quality consumables for body repair and painting, which are selected for each brand of car, strict following the technology of repair car body, painting work and qualified specialists in body repair and painting, as well as knowledge of the factors affecting the degradation and condition of the body and its elements to improve the quality of final results. In average value, the thickness of the protective layer varies from manufacturer to manufacturer in the range of values 80-170 μm . The use of different materials for the manufacture of vehicle components and materials for protection against external factors of the body is a major interest for the vehicle industry and is the subject of this article.

Keywords: car bodies, car bodies restoration, bodies protective layers

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