



CAUSES OF VEHICLE BREAKDOWNS AND MODERN TECHNOLOGIES FOR PREVENTION

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ABSTRACT: - Nowadays, as the number of cars in the world is growing rapidly, their malfunctions are also increasing and new problems are arising. This article explores these problems, provides new solutions, and shows the reasons for their origin. This article was written as a result of a practical study of local and foreign service centers and car dealerships in our country.

KEYWORDS: Car, service, repair, service, technology, failure, diagnostics, external environment, corrosion.

INTRODUCTION

Today, as a result of a number of reforms in our country, our country is rapidly developing. This situation does not go unnoticed by foreign investors and many large car companies. Uzbekistan has all the opportunities for

foreign companies to operate freely. There are enough companies that use these opportunities effectively. Many large companies such as KIA, WOLKSWAGEN, LADA, HONDA are operating. These and similar

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companies provide our residents with high-quality, modern and very comfortable cars. In GM, which is our Milly brand, cars have improved in recent years compared to previous years. more modern cars are being produced. Uzbekistan is one of the countries with its own automobile industry. Every year thousands of cars, trucks and buses are produced in our country. The demand for vehicles is growing day by day. As a result of the reforms carried out in the automobile transport of our country, due to the division of the automobile fleet of the Republic, there are independent enterprises working in the service method, providing technical service, repair, fuel, spare parts and other auto materials. service requirements have increased sharply. Because most of the newly formed motor vehicle owners do not have their own technical support base, and for this purpose it is necessary and appropriate to use the services of car service companies specializing in providing special services. Service is an activity aimed at providing services. Its special feature is that while some material resources are consumed during the service, the service is not in the form of material, but in satisfying the need through activity [1]. First of all, there was a great need to increase the network, number and production capacity of special car service enterprises that provide technical service to people's cars. All types of car service can be divided into the following:

- performance of a complex of technical, technical works, maintenance and repair of the car, its aggregates, aggregates, parts and systems, as well as batteries, electrical devices, bodies and tires;
- trade, trade of automobiles, spare parts, materials and automobile accessories, supply of fuel and lubricants;
- providing information, services, consumer-clients with the necessary information,

advertising services, continuous learning, taking into account the demand and supply of customers, has car services [4]. The economic and social importance of the car service is huge for the cars of our country, and the main part of the car park of the country regularly uses its service for years [2].

Drivers mainly go to car service because of what malfunctions in their cars? Different service centers gave different answers to this question. For example, they complain about malfunctions in the digital signal, malfunctions in the cooling system of the air conditioner, malfunctions in the brake system, malfunctions in tires, and unusual noises.

What are the main causes of this failure? Of course, it depends on the type of the malfunction. Malfunctions in the interior of the car, i.e. malfunctions in the transmission, gearbox, handbrake system and chassis, are mainly caused by the wrong actions and inexperience of the driver, according to qualified experts [5].

Tires, bodywork, brake lighting systems of the car are subject to malfunctions under the influence of the external environment. In our country, the climate is very hot and very cold in winter, which causes the metal parts of cars to slowly corrode. Besides, cars do not always drive on smooth and high-quality roads. Many parts are malfunctioning.

One of the main causes of malfunctions in all types of cars is failure to go to the appropriate dealership when it's time for a vehicle's technical inspection and not to change the engine oil in the prescribed manner, which leads to the failure of the filter and the melting of the catalyst. As a result, the car makes an unusual sound and moves with an overload [3].

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Up to now, it is possible to eliminate all of the above-mentioned malfunctions in car service centers in our country. As a result of a number of positive reforms in our country, modern technologies and new methods are being used in service centers. For example, a company that can produce car spare parts from North Korea in our capital, using modern

programming methods, without the human factor the machine was brought.

We all know that the main part of the car park in Uzbekistan today is GM cars. Qualified specialists of our car service point out that some spare parts of GM cars can be used for several cars and this will give good results.



In the last two years, the ability to control the intelligence of cars has increased, that is, the adaptation of cars to a certain type of fuel or mode is becoming widespread. Specialized programs for different types of gas are being installed in cars. The achieved results are worthy of praise.

New technologies have entered other types of car servicing. The modern car wash centers in our country were brought from Spain with high quality and quick washing equipment.

Conclusion. To sum up, there is enough experience and conditions in servicing cars in our country. Of course, it is natural that there are also small defects. Therefore, if every driver pays attention to the car he is driving and drives carefully, the service life will be extended even more. if it is increased, the driver will get the opportunity to serve his car safely and for a long time for the lives of others.

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