



«The car of the future»

Many represent, what will the car of the future, how it will look like and who will manage them: man or electronics. On the way to the man behind the wheel, and the task of engineers-pass control electronics. This is the only way to achieve stated objectives.



What kind of engine is in the car of the future?

According to the head of the Department of innovation firm Ricardo to 2040, most machines will "electrified".



Internal combustion engine will no longer play a central, critical role in drive the car. Its task would be to support electric motor. The engine is likely to be less, will get a Turbo or electric pressurization and become more efficient. Promising are Stirling engines, engines with divided loop and multifuel engines.



Will develop hydrogen cars?

Over the past two decades, the world is gripped by the idea of electric vehicles, hydrogen fuel cell. They provide high efficiency and environmental performance of the vehicle.

According to experts, if the infrastructure of hydrogen business model will work, the automakers will become more serious treat hydrogen transport and to the year 2040 will have tens of millions of hydrogen cars. The basic betting specialists make the leaders in the industry: Toyota, Honda and Hyundai



Gasoline and diesel remain the main fuels?

Even fifteen years ago experts from the petroleum industry warned the year 2040 to extract oil will become very expensive, and some petroleum sources runs out. Today, information desk, not pessimistic. According to estimates by different organizations, oil and gas reserves in the world are disastrously small to very large. But it is clear that in the near future gasoline and diesel will remain the main fuels. Also be used alcohol and gas derived from plants and biomass



Who or what will drive a car?



Whether we're driving machines of the future or they will manage themselves? Probably will be combined both versions, and today all the major manufacturers are working on cars with autopilot. To 2020 year on serial machines are automatic parking function and autonomous driving in the lane line. By the year 2040, vehicles will be fully autonomous, such as for remote invocation of the car, or traveling long distances.



What a change inside the cabin?



The next step in the creation of next-generation car is to combine information and entertainment tools. BMW is already developing future cabin, which includes big screen almost the entire width of the machine.

The system is fully ready for autonomous driving, allowing drivers to make video calls when the car sits idle the self-drive and demonstrate the crucial information when the driver sits down in the car. Allow the rider to personalize salon, picking out themes for the dashboard and even upload a variety of styles for your devices. The first version of the personifications are already available at Mercedes-Benz E-class.

