

Hybrid Cars- A Revolution In the Car Industry

Hybrid cars are considered an amazing revolution in the car industry, which has been achieved by the great hard work. The distinguishing feature of these cars is their use of more than two power sources. The most common power sources in a hybrid car include gasoline, or diesel fuels, solar, and hydrogen. One or more electric motors are used with these basic sources to generate power.

Due to the augmented population, the world is facing numerous problems. There is a quick amplify for vehicles alongside the roads. This has given increase to contamination, and problems associated to the greater than before fuel prices. This dilemma is addressed by the immense minds, by formation of the hybrid cars.

These cars are a revolution in the car industry due to their marvellous features. These cars are environment friendly. They contribute least to the increase in the air pollution. Air pollution is one of the major problems of the present day. Hybrid cars reduce the smog by 90 percent. Thus, the release of the pollutant is greatly reduced.

With respect to the fuel, the Hybrid cars are easy on the pocket. The World is running out of natural fuel resources, so the necessitate of the fuel cost-effective vehicles is largely amplified. They are fuel resourceful, as contrast to the conventional cars. In the city driving, they can get up to 60 miles per gallon as match up to the typical cars that may journey 15 to 20 miles per gallon. These cars use three times as much fuel for drifting the similar distance. The hybrid cars are better than the others are, as a hybrid car battery revitalises it as you are on the drive. You do not require to plug it in. Furthermore, they possess a superior speed as contrast to the usual cars.

There are two engines in a hybrid car. One is the electric motor, and the other is gasoline. The gasoline engine is automatically shut off, and the electric motor is switched on, when the car stops at the signals. Both engines work together, when more power is required.

These hybrid cars use power split technology. It is based on the gearbox. The electric motor along with the internal combustion engine provides additional power to assist the engine in accelerating, passing, or climbing. The motor provides the only power source where less power is required. In this way, it reduces the consumption of gasoline.

They also have a very efficient regenerative braking system. Energy is dissipated when the brakes are applied. The energy produced, turns on the engine, which acts as a generator. In this way, it saves the energy, which would have been wasted otherwise. The energy is stored in the battery for later use.

The Hybrid cars are available with concrete, and puffed up tires. They are packed at a superior pressure to smoothen the journey. Consequently, due to the quality, they offer a less bouncy and relaxing ride. The texture of the tires decrease the resistance, therefore the life of the tire is augmented. The other stunning characteristic of the car is condensed air drag. For this reason, these cars make the most of the reduced frontal area, and at times a stream lined texture. Consequently, all the aforementioned characteristics grade their innovation a groundbreaking step in the motor vehicle manufacturing.

About the Author

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