Fuel System Essay, Research Paper

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The Fuel System

Automobiles, like all other mechanical devices must utilize a fuel to work. All cars, therefore have a fuel system. This system is responsible for storing gasoline and mixing it with air to be ignited in the engine to supply energy to the car.

How Does it Work?

The fuel system has five components. The first, the fuel tank, is where the gasoline is stored. When it is needed for use, the fuel pump pulls gasoline through the fuel filter and into the carburetor. In the carburetor the gasoline is mixed with air from the air filter. The combination of air and gasoline creates a mist-like gasoline vapor. This vapor is then pushed to the engine?s cylinders where it is ignited.

Maintenance

These five components: fuel tank, fuel filter, carburetor, air filter, and fuel pump, all make up the fuel system. They are essential to the operation of a car, so they should be kept in prime condition. Air and fuel filters should be replaced as needed. On occasion, the carburetor should be adjusted to ?ensure fuel efficiency?

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