Diesel Pickup Trucks: Getting Better over Time

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The diesel pickup has for many years been labeled as a noisy, dirty, and stinky goon on the road. However, new advances in automotive technology have made the pungent diesel pickup a thing of the past. New diesel pickup trucks are now a reliable alternative to their gasoline-powered counterparts.

The main difference between diesel and gasoline engines is fuel ignition. A gasoline engine uses spark plugs that provide a few milliseconds of naked flame to ignite gasoline vapor. In a diesel engine, no spark plugs are used; instead, the pistons compress the air so forcefully and quickly that the air is superheated by the process. When the fuel is introduced, it ignites immediately because of the superheated air. For this reason, diesel engines operate at higher temperatures than gasoline engines.

Horsepower/Torque

Typically, a gasoline engine makes more horsepower while diesels produce more torque. By design, gasoline engines rev faster and are able to reach higher rpm numbers than diesels. If you use your truck around town where quick starts are important and you donâ€™t often carry heavy load, then gasoline trucks are for you. However, if towing capacity and brute pulling strength is your game, then diesel should be your engine of choice.

Fuel Economy

A diesel engine is far more fuel-efficient than gasoline engines. Taking both engines of the same power, a diesel engine will run approximately 40% more miles per gallon. Consequently, this fuel efficiency allows you to save more on fuel costs.

Initial Cost

Diesel engines are built to withstand more punishment than gasoline engines because of the high compression ratios and resulting high cylinder pressure. Thatâ€™s why diesel engine parts need to be beefed up with thicker engine blocks and cylinder heads, and stronger pistons, connecting rods, valves and crankshafts. These parts are already costly for a basic diesel truck, and strengthening them for the diesel engine is what makes a diesel pickup truck more expensive. You can check from your Mississauga Ford dealer if they can bolster you diesel trucksâ€™ engine.

The choice between a diesel or gasoline engine comes down to how you will use the truck and where you live. In the end, the primary setback in diesels is the more expensive initial cost, but you will get your moneyâ€™s worth in fuel savings over time. You will be pleased to know of increased diesel truck sales Mississauga dealerships enjoy because buyers have realized their efficiency especially in the areas of combustion smoothness, cold starting, and emissions.

If new diesel trucks are way beyond your budget, perhaps used trucks will be a viable option. Visit Orangeville used cars dealerships to find your ideal diesel truck. Learn more about diesel engines at helium.com.

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