



Go Green and Save Your Car

Some Vehicle Maintenance Tips from Motor City Rod Shop

www.motorcityrodshop.com

Fuel System Cleaning

Each time you press your gas pedal, you are controlling an intricate system within your car. The gas pedal controls the amount of fuel and air being let in to the engine and combined. Power comes when the spark plugs then ignite the mixture which, in turn, creates power to move the vehicle.

Any number of problems can arise to throw this delicate mixture off.

For instance, the throttle valve, which is responsible for controlling the amount of air let into the system, may get clogged with dirt over time. This will then restrict the air from flowing in properly.

Even when air is flowing properly into the engine, a dirty intake manifold can contaminate the clean air which then sends dirt into the combustion chamber.

The bottom line, these slight impurities build up with time and clog vital components which affect engine output and fuel efficiency. By cleaning your fuel system and removing unwanted grime, you can reclaim lost power and improve fuel efficiency.

Check Your Tires

Simple car maintenances like maintaining proper air pressure in the tires make significant differences in your car's overall performance. Underinflated tires can lead to serious problems while driving. Tires with an air pressure lower than recommended are more likely to shred while driving, lose traction in inclement weather and zap gas mileage. For example, on SUV's like the Ford Explorer, it is recommended that the average PSI for front tires be 32 and rears at 35.

Check your Owner's Manual for proper tire maintenance information.

Replace Your Filters

Regularly replacing your vehicle's air and fuel filter can also impact your cars performance and engine lifespan. As with any system, there are ways of separating the good from the bad. Your vehicle is no different. It must be able to separate dust and dirt particles from anything it takes in. It does this by filtering its input through filters. Over time the collected dirt builds up and it becomes increasingly harder for the vehicle to get enough good clean air or fuel into its system. This causes poor performance, reduced gas mileage and shorter engine lifespan.

Tread Lightly

Your car weight is very important when talking about fuel efficiency. Think of it like this - more weight is harder to move. So, the less you have in your vehicle (or the less your vehicle weighs), the easier it is for the engine to move it.

Manufacturers know about this, of course, and every car is given a Gross Vehicle Weight Rating (GVWR). That is the maximum total allowable vehicle weight when fully loaded. In other words, after you've loaded your SUV with all your camping gear, trailer (with 4-wheeler) and friends, that weight should not exceed this GVWR.

More weight increases strain on the engine which drives up maintenance costs as well as gas usage.

Be sure to keep up to date with your car's maintenance needs.
Bring it to the professionals at Motor City Rod Shop for quality service.