

# Six Great Ways to Save Fuel ... and Money



Get more miles out of every gallon of fuel by maintaining your vehicle with a few simple services from your NAPA AutoCare Center. By making fewer stops at the pump, you'll save money!

## 1 Air Filters

An air filter clogged with dirt, dust or bugs chokes off the air and creates a "rich" mixture — too much gas being burned for the amount of air — which wastes gas and causes the engine to lose power. Replacement intervals depend on where and how you drive, so have your technician check your air filter during regular maintenance.

## 2 Spark Plugs

A vehicle normally has four, six or eight spark plugs, which fire as many as 3 million times every 1,000 miles, resulting in a lot of heat and electrical and chemical erosion. A dirty spark plug causes misfiring, which wastes fuel. Have your NAPA AutoCare Center technician replace your spark plugs regularly.

## 3 Oxygen Sensors

When it comes to improving your vehicle's fuel economy, this is one of the top ways to make a noticeable difference. Properly functioning oxygen sensors are good for the environment and can save hundreds of dollars in fuel costs over their life. Replacement intervals for oxygen sensors are similar to those for spark plugs, ranging from 30,000 miles to 100,000 miles, depending upon the type of sensor.

## 4 Properly Inflated Tires

When tires aren't inflated properly, it's like driving with the parking brake on. Underinflated tires can cut fuel economy by 2 percent per pound, which means if your tire pressure is 27 pounds per square inch (psi) when it should be 32 psi, you've reduced your gas mileage by 10 percent! Your NAPA AutoCare Center technician will make sure your tires are properly inflated when you come in for preventive maintenance, but it's a good idea to check your tire pressure regularly between visits, too. A simple tire gauge can quickly tell you if you're wasting gas because of underinflated tires.

## 5 Oil and Filter Change

Clean oil reduces friction between moving parts in your engine, increasing fuel economy and reliability. It also removes harmful deposits, extending the life of your engine. Check your vehicle's owner's manual for the recommended oil and filter change schedule.

## 6 Locking Gas Caps

Locking gas caps can contribute to fuel economy by preventing theft. Gas caps are available that include a dual breakaway feature and reinforcing ring that help deter thieves trying to steal fuel. If someone tries to pry off the cap, the top of the cap will break away, leaving the cap neck in the tank. This will deter even the most determined thieves who are unlikely to take the time needed to pry the neck from the tank. Caps are also available that lock into the neck automatically, which saves motorists time.



For the help you need, just talk with one of our automotive service professionals.