

Champion Woman Driver Gives Tips on How To Save Gasoline

Editor's note: Patricia Jones is a 36-year-old stock car racer and stunt driver from Wichita, Kansas. Not long ago, she confounded many male drivers when, driving an 8-cylinder 1959 Dodge Coronet, she won the Los Angeles to Kansas City fuel economy run for medium priced cars. In this dispatch she passes on some economy driving tips to the average motorist.

By PATRICIA JONES
 (Written for UPI)
 New York—U.S. drivers waste billions of gallons of gasoline every year through bad driving habits and throw

away still more fuel dollars by ordering overpowered cars.

Auto purchasers shout for economy, but they still drive wastefully. Any driver can cut down on his gasoline bill and other auto operating costs by following some simple, common-sense rules.

Here are 10 tips that can save you up to \$200-\$250 a year in fuel costs alone:

1. Drive at moderate speeds,

35-45 miles an hour. At 41-42 mph most recent-model cars will operate at peak economy. But over 60, performance drops sharply on all cars—down to 9-10 miles per gallon on even the best cars at 80 miles an hour.

2. Climb hills at minimum of 35 miles per hour. Hill-climbing is gas-consuming—but more so at slow than high speeds. Get us as fast as safely possible.

3. Press gas pedal softly on downgrades. Don't let the engine drag the normal forward motion of the car; this wastes gasoline. Don't "race the engine" downhill either, though. Maintain just enough pressure on the gas pedal to keep the engine turning as fast as the wheels—within the limits of safety.

4. Avoid Abrupt Stops. Your brakes cut down normal momentum of the car and momentum doesn't use gasoline. Also, in quick stops, your engine is still working to make you go, thus also wasting gas. On top of this, a sudden stop sloshes gasoline out of the carburetor, making for further waste. Look ahead of traffic, anticipate emergencies and avoid consuming gas with quick stops.

5. Avoid "jackrabbit" starts. The faster you dig away from a traffic light or other stop, the more gas you waste. A slow, smooth acceleration is the most practical.

6. Don't go over 35 until engine warms up. The engine wastes gas when it's cold. Especially on winter days, go slow until your heat gauge shows engine at the proper temperature and even in the summer take it easy at first.

7. Inflate tires adequately. Soft tires make a soft ride but an expensive one. For maximum mileage put six to eight pounds more in them than the owner manual says.

8. Shift to high as soon as possible. Engines are most efficient, and most economical, in third gear. Shift out of first or second as soon as you can.

9. Use reverse gear sparingly. This is the least efficient gear. Turn around rather than back up even a block.

10. Stick to smooth roads. Muddy, bumpy, dirty, snowy roads increase gas consumption because you lose traction and also bumps slosh and waste gasoline.

Do these things and you'll get three or four more miles per gallon than you're presently getting if you're an average driver.

Also, have your car serviced regularly. To get thrift rather than thrills from your car, you can request your garage service man to make some simple mechanical adjustments that could chop off another \$60 to \$90 from your gasoline bill. These adjustments, which any qualified mechanic can make for under \$10, include:

High Economy
 Set the distributor rotor for high economy rather than high speed;

Widen spark plug gaps to achieve maximum miles per gallon;

Pull out fuel jet plugs in the carburetor to provide a leaner gasoline mixture;

Reduce the shift speeds in the automatic transmission;

Adjust brakes to make sure they don't drag when not in use.

For further economy, choose a six-cylinder rather than an eight-cylinder engine when buying your car, and order a low-compression engine. Horsepower has little to do with fuel economy but the compression ratio does. The lower the compression, the lower the gas consumption.

Of course, if you want even more economy—the lighter the car, the better the mileage. You can sacrifice comfort and space and buy small cars. All makers will have at least one within a few months.

MEN LIKE ANSWER

New York—UPI—Male visitors to the Soviet exhibition here chuckled appreciatively when a woman asked a Russian guide how many shoes and dresses his wife has. "I think my wife have plenty of dresses and shoes," the guide answered, "but she does not."

The Gowganda mining district of northern Ontario was named from an Indian word meaning "porcupine home."

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Halley's Comet, appearing about every 75 years, will next be seen in 1986.

President Lays Third Cornerstone

Washington—UPI—President Eisenhower wielded a tiny silver trowel Saturday to lay a third cornerstone for the U.S. capitol after summoning the nation to rededicate itself to freedom.

He flew to Washington by helicopter from his holiday retreat at Thurmont, Md., to participate in the Independence Day ceremony laying the cornerstone for the new east central front of the capitol.

To spread mortar and tap the 4,200-pound pink granite stone, he used the same antique trowel and ivory and gold gavel wielded by George Washington to lay the first cornerstone in 1793.

A crowd estimated at up-

wards of 3,000 by capitol police was assembled in the east plaza to hear the president on this warm, sunny Independence Day. Few could see the cornerstone ceremony, however, because it was in an excavated area below ground.

The original Australian aborigines are believed to have gone there thousands of years ago by land bridges long since submerged.

DR. STONE DRIVES

New York—UPI—Rr. Abraham Stone, 68, world-renowned expert in birth control and marriage counseling, died Friday of a heart attack in New York hospital. With his wife, the late Dr. Hannah M. Stone, he joined pioneer birth control advocate Margaret Sanger in putting on the first international birth control conference in New York in 1921.

BUILD DAM MODEL

Cairo—UPI—United Arab Republic and Russian experts plan to build a full-size dummy dam to learn the best way to construct the huge Aswan dam in the Nile river, the semi-official UAR Middle East News Agency reported Friday night.

Cliffs of the Nile valley in Egypt rise to 1,000 feet in some spots.

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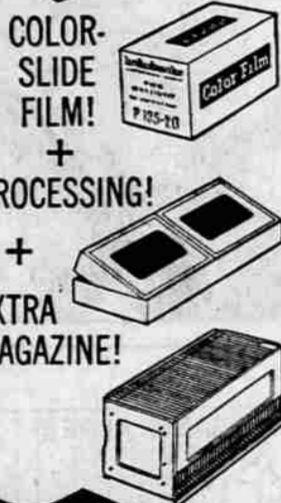


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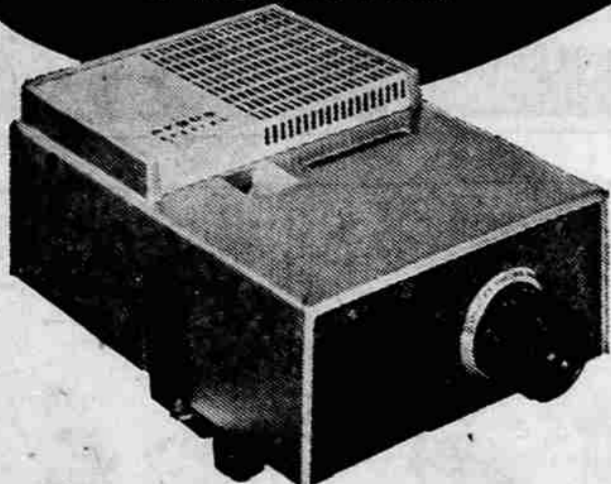
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