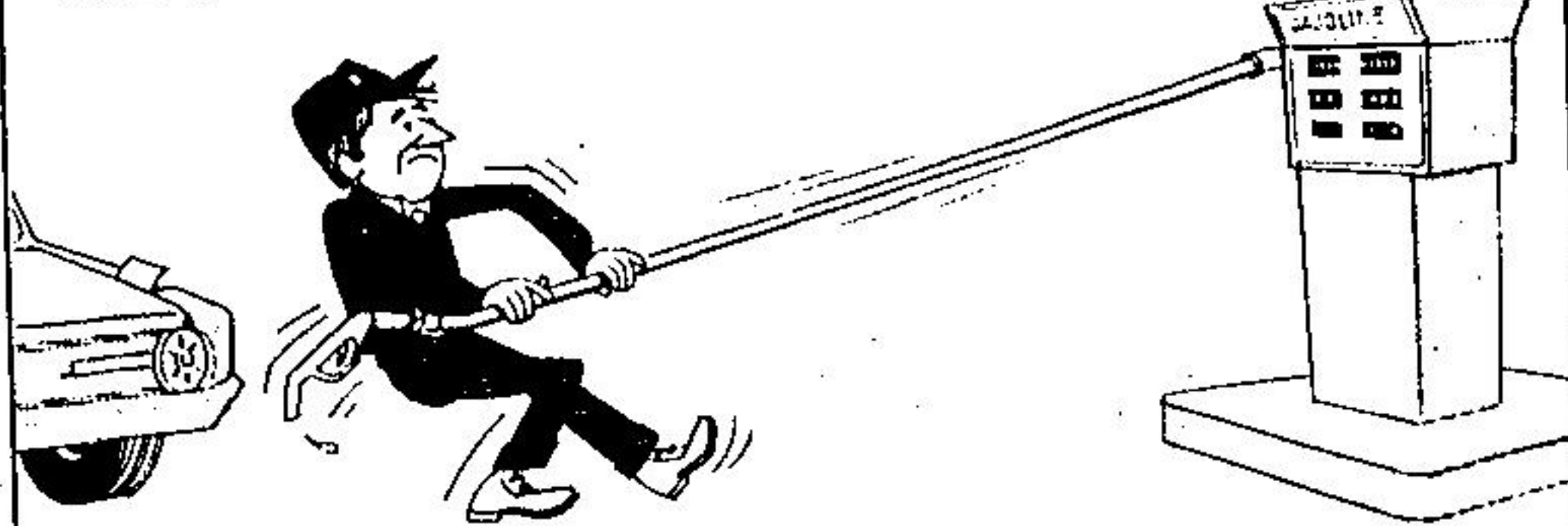


KNOW HOW TO GET MORE MILES OUT OF A GALLON.....



THIS QUIZ IS A GASSER:

What does the expression 'Mind Your P's and Q's' mean? According to some theories it was an English bartender's admission to mind the Pints and Quarts he was dispensing. Today, the watchword is more appropriately, 'Mind your G's' or gallons.

This quiz is intended to help motorists prove how much they know about operating and maintaining a car to get the best possible gasoline mileage.

Knowing the right answers will do more than gratify your ego. It can also save you money in this time of rising prices and dwindling gasoline supply:

1. A freshly tuned engine can save you this much gas compared to one in need of tune-up.
 - A. There's no measurable difference.
 - B. About a gallon per tankful.
 - C. Nearly two gallons per tankful.
2. Replacing worn spark plugs alone can save this much gasoline.
 - A. About a half gallon per tankful.
 - B. Better than a gallon per tankful.
 - C. Almost three gallons per tankful.
3. Switching to a higher octane gasoline than your car requires has the following effect on fuel economy.
 - A. None.
 - B. It actually increases fuel consumption.
 - C. It can save about 25 per cent fuel.
4. By running on underinflated tires you
 - A. Burn less gasoline.
 - B. Burn more gasoline.
 - C. Do nothing more than provide a more comfortable ride.
5. When defective, the following adversely affects gasoline mileage.
 - A. Wheel alignment.
 - B. Windshield wipers.
 - C. Alternator.
6. Brake problems affect gas mileage except
 - A. When brakes are improperly adjusted.
 - B. When you habitually ride the brake pedal.
 - C. When brake lights aren't working.
7. A dirty air filter means wasted gas because:
 - A. It produces an improper air-fuel mixture in the carburetor.
 - B. Should dirt get into spark plugs, they can't function properly.
 - C. The added weight creates "hyperstatic flux."
8. According to some sources running your car's air conditioning can cost you as much as
 - A. A mile per gallon.
 - B. Two miles per gallon.
 - C. Three miles per gallon.
9. Only the following has no effect on gasoline mileage.
 - A. Jack rabbit starts.
 - B. Unnecessary use of turn signals.
 - C. Prolonged periods of idling.
10. Reducing speeds from 70 to 50 miles per hour can
 - A. Save over 20 per cent gas mileage.
 - B. Cost you 5 per cent more gasoline.
 - C. Has no effect.

ANSWERS: 1. C, according to tests conducted by Champion Spark Plug Company; 2. B, according to the same test; 3. A, according to your car's manual for recommended gas; 4. B, not to mention the wear; (Check for correct tire pressure when you get gas); 5. A; 6. C; 7. A; 8. C; 9. B; 10. A.

Faulty Components Can Cause Drag, Waste Fuel

If you think the gasoline shortage is a drag, then there is something you can do to make it less of one. Make sure critical components of your car are in good condition to eliminate conditions that waste fuel.

For instance, lack of maintenance in areas such as tires, brakes, shocks, wheel alignment and transmission can affect gasoline mileage as well as safety. In some cases, these faulty components help create a "drag" on the engine, thus requiring more gasoline to keep the car running.

Underinflated tires create such a drag. So can poorly adjusted brakes, especially when the driver has a habit of "riding" the brake pedal. Gas-wasting engine drag also can result from improperly aligned wheels.

Worn shocks also can cause road wandering with resultant fuel waste.

Slipping transmission bands or low transmission fluid levels can hinder proper changing of automatic transmission gears, thereby causing fuel wastage.

Neglected, these components can cost you money in

premature tire and brake wear, as well as possibility of expensive transmission repairs. With the extra bonus of better fuel economy and safety, routine maintenance of these items is more important than ever.

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Tips on Safe Trailering

If you are an experienced trailer hand, you might want to turn the page. But if you're one of the growing army of motorists who's going to haul a trailer for the first time this summer, these tips from the Ontario Ministry of Transport can help make the experience a more pleasant one.

Whether you'll be pulling a sleek, 35-footer from coast to coast or hauling some furniture to the cottage in a rented two-wheeled trailer, certain driving techniques are recommended.

STARTING: Accelerate carefully. Take it slowly and easily.

TAKING CURVES: Stay close to the middle of your lane.

TURNING—
Right Turn: Look in your right mirror. Signal, slow down. If turn is sharp, move ahead until car's front wheels are well ahead of curb...then turn to the right.

Left Turn: Check traffic. Signal. Proceed slowly. When you make your turn, drive well into intersection in order to swing wide, to allow for the trailer.

SLOWING, STOPPING: A sudden stop can jackknife your trailer or shift your load, so keep a greater distance than normally between you and the car ahead. Keep out of the fast

lanes and maintain a speed that makes sudden stops and slow-ups unnecessary.

PASSING: When towing a trailer you can't accelerate as

fast as without it. Then too your car plus trailer is much longer. Before you pass, make sure there's enough time and room. When you have passed, allow more room before you move back to your lane. Don't cut in and swerve...this can make your trailer swing and sway.

BEING PASSED: Help other drivers pass you where necessary. If your holding up a line of traffic, the right thing to do is signal, pull off, and let them pass.

If a large bus or transport passes you, air pressure may push the rear of your trailer to the right. Almost instantly, this pressure will push the front of your trailer. Be prepared to steer out of this situation. Accelerating a bit may help. Braking will not.

BACKING: Back very slowly. Turn wheel slightly, then straighten. Steer by a series of slight turns.

Backing to right: Turn front wheels of car to left...front end of trailer will go left, rear end will go right.

Backing to left: Turn car wheels to right.

TIPS FOR BETTER MILEAGE

Here are a few tips from professional drivers that can greatly increase your gasoline mileage:

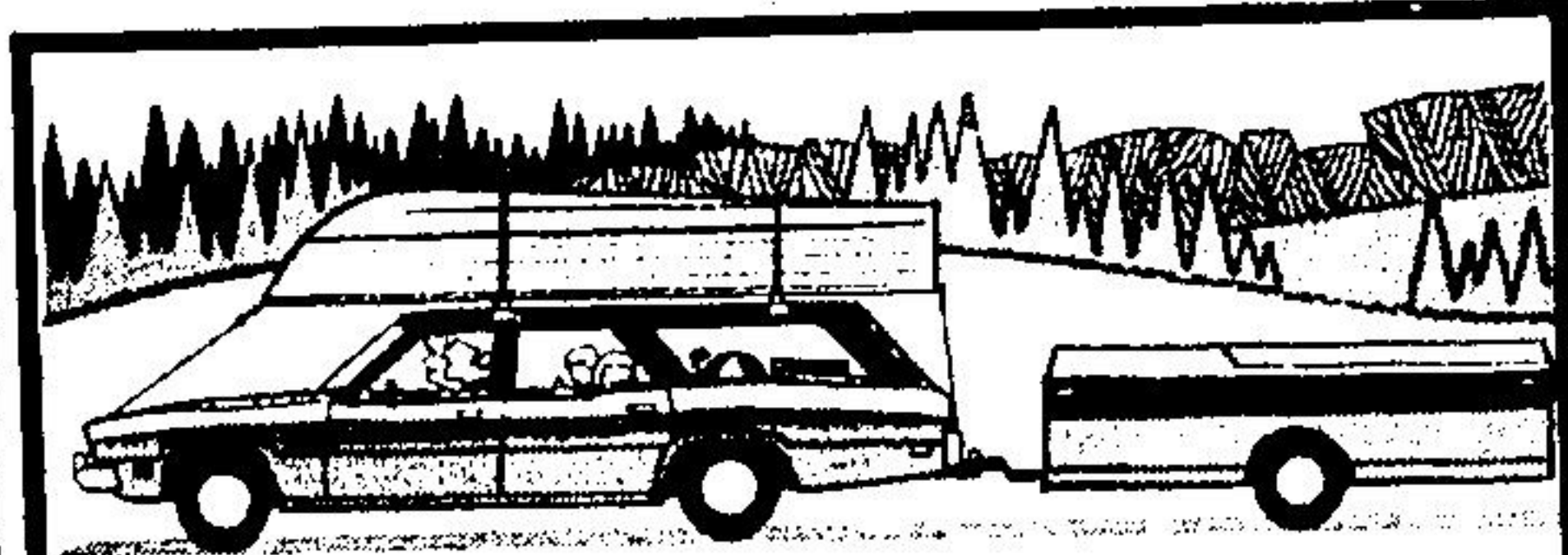
Avoid prolonged idling such as at a railroad crossing. It's far more economical to shut off the engine.

Slow down from your usual speed, keeping a light, steady foot on the gas pedal.

Check tire pressure regularly. Underinflation especially hurts fuel economy.

Avoid jackrabbit starts. Do the same for sudden acceleration while driving.

Keep your car in tune. Tests show a tune-up can save over a gallon of gasoline in every tankful. Any of the above will improve your mileage. But the most important are regular, expert tune-ups. Let our professional mechanics attend to yours. Once a year or every 10,000 miles.



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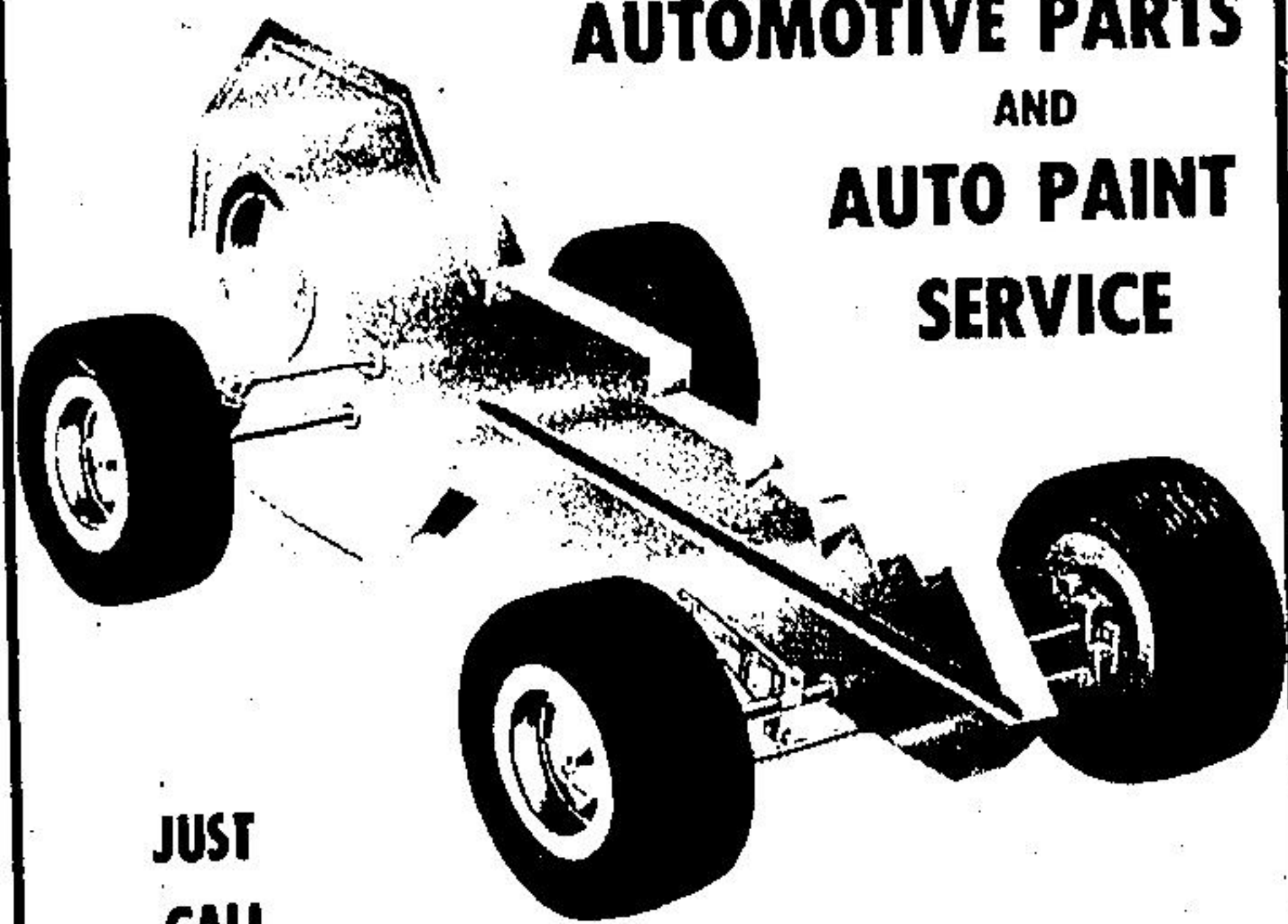
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