



5 SIMPLE WAYS TO IMPROVE YOUR TRUCK'S FUEL ECONOMY

A FEW CENTS PER MILE CAN ADD UP TO THOUSANDS OF DOLLARS PER YEAR

Fuel economy isn't just about the engine. Tires, brakes, aerodynamics, driving habits and maintenance all play a role.

1. CHECK YOUR TIRE PRESSURE

Underinflated tires increase rolling resistance and can reduce fuel economy.

Check regularly:

- ◆ *Tire pressure*
- ◆ *Tire condition*
- ◆ *Uneven tread wear*
- ◆ *Alignment-related wear*

TIP: Don't judge tire pressure by appearance alone. Use an accurate gauge.

3. KEEP YOUR AIR & CHARGE-AIR SYSTEM HEALTHY

Your engine needs the right amount of clean air to operate efficiently.

Potential concerns include:

- ◆ *Restricted air filters*
- ◆ *Intake leaks*
- ◆ *Charge-air leaks*
- ◆ *Turbocharger problems*
- ◆ *Exhaust leaks*

A sudden loss of power or change in MPG deserves attention.

5. TRACK YOUR MPG

One bad tank doesn't tell the whole story. For a useful picture of your truck's fuel economy, track:

MILES + GALLONS + MPG + IDLE HOURS

Also consider:

- ◆ *Average speed*
- ◆ *Load weight*
- ◆ *Route*
- ◆ *Weather*
- ◆ *Stop-and-go vs. highway driving*

2. WATCH FOR DRAGGING BRAKES

A brake that doesn't release completely creates constant resistance and wastes energy.

Pay attention to:

- ◆ *Unusually hot wheels or hubs*
- ◆ *Pulling to one side*
- ◆ *Brake odor*
- ◆ *Uneven brake wear*

If something doesn't feel right, have it inspected before it becomes a bigger repair.

4. PAY ATTENTION TO AERODYNAMICS

At highway speeds, aerodynamic drag can have a significant effect on fuel consumption.

Check:

- ◆ *Roof fairings*
- ◆ *Side extenders*
- ◆ *Tractor/trailer gap*
- ◆ *Trailer skirts*
- ◆ *Rear aerodynamic devices*
- ◆ *Damaged or missing panels*

Keeping aerodynamic equipment properly adjusted and maintained can help reduce unnecessary drag.



WHEN MPG DROPS, DON'T GUESS.

Fuel economy can be affected by many different systems. Proper diagnosis can help identify the cause before unnecessary parts are replaced.



KNOW YOUR MPG

KEEP THIS SHEET IN YOUR TRUCK

Tracking your fuel economy over time can help you identify changes before they become expensive problems.

FUEL ECONOMY LOG

DATE	MILES	GALLONS	MPG	IDLE HOURS	LOAD / ROUTE

WHAT SHOULD I WATCH FOR?

☐ MPG DROPS

A sustained change from your normal MPG may indicate a maintenance or operating issue.

☐ INCREASED IDLE TIME

Idling consumes fuel without adding miles.

☐ TIRE PRESSURE CHANGES

Improper inflation increases rolling resistance and tire wear.

☐ UNUSUAL POWER LOSS

Changes in engine performance can affect fuel economy.

☐ BRAKE OR WHEEL-END HEAT

Excessive heat may indicate unwanted drag.

☐ NEW WARNING LIGHTS OR FAULT CODES

Don't ignore changes in engine, emissions or transmission operation.

☐ CHANGES IN ENGINE RPM

Operating outside the truck's efficient range can increase fuel consumption.

QUICK DRIVER CHECK

Before you leave for the day:

- ☐ Check tire pressures
- ☐ Look for obvious tire damage
- ☐ Check for leaks
- ☐ Look for damaged aerodynamic equipment
- ☐ Watch for warning lights
- ☐ Note unusual noises or changes in performance
- ☐ Avoid unnecessary idling
- ☐ Monitor your speed and acceleration
- ☐ Record fuel economy regularly



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