

PERFORMANCE-TIPS

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So you think you know cars? What's this? Answer next time.



Toyota set to unveil micro-car in Frankfurt for 2008.



The German Touring Car Championship will see the 2008 Volkswagen IROC.



DETERGENT FORMULA FOR A CLEAN ENGINE

Mecha Tool is the new detergent formula engineered to provide maximum protection to engines in all weather conditions. Mecha Tool is an API certified motor oil which meets or exceeds API Service SM/SL/SJ/SH ILSAC GF-4/GF-3. It comes in 10W-30, 10W-40 & 20-W-50 multi grade motor oil that meets all requirements for ENERGY CONSERVING performance standards.



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FORMULATED FOR TOP PERFORMANCE

My mechanic says I have to have a refrigerant leak fixed before he can legally recharge my air conditioner. Is that true?

It depends. In some areas, local and state law says professional technicians must fix known leaks before they can legally recharge your A/C system. This is the case in Florida and Austin, Texas.

Federal law, however, does not yet prohibit the recharging of leaking A/C systems. But that may change.

The primary reason why they're so serious about fixing leaks is to stop the loss of R12 into the atmosphere. R12 is an ozone-depleting chemical that will no longer be produced after the end of 1995.

In the past, most people would simply have a few pounds of refrigerant added to their system if it was leaking -- which was usually enough to get them through the summer unless the leak was really bad. Then the following summer, they'd do the same thing again. Meanwhile, zillions of pounds of refrigerant continue to escape into the atmosphere and work their evil against the Earth's protective ozone layer high in the stratosphere.

By banning the sale of refrigerant to non-certified individuals, the Environmental Protection Agency eliminated easy access to refrigerant for most people. So now you have to take your vehicle to a professional for service. The professional technician is then supposed to identify any leaks and encourage you to have them fixed before he recharges your A/C system with more refrigerant. In practice, some individuals may tell you they can't (or won't) recharge your A/C system unless you have a leak fixed. They might be able to refuse you on moral grounds, but not legal ones unless you live in an area that has such a law on the books.

Recycling Refrigerant

Since 1993, all service facilities that work on automotive A/C systems must have two things: a technician certified in refrigerant recovery and recycling procedures, and the proper equipment for doing so. The EPA wants professional technicians to do this because (1) it eliminates the unnecessary venting of refrigerant into the atmosphere (which was a common practice before all this came about), and (2) to extend the existing supplies of R12.

Approved recover and recycling equipment does a fine job of cleaning the refrigerant so it can be used over again. As long as the equipment is maintained and operated correctly, you should have no fear of recycled refrigerant. The Society of Automotive Engineers (SAE) has established minimum quality standards for purity and moisture content to assure everyone that recycled refrigerant is good refrigerant.

Kia unveils a stunning SUV



Kia will debut the KND-4 SUV at the Seoul Motor Show.

The 4x4 is designed as a crossover SUV fit for both urban and rural sprawl and features a full-width rear screen, LED headlights and 20" wheels.

The interior features floor, dashboard and door trim panels in a metallic finish lit by interior lighting and raft of multimedia technology including a next-gen LED display, Bluetooth and Blu-ray. The KND-4 is powered by a 2.2-litre turbo diesel through Kia's Active Torque Transfer (ATT) system. "The KND-4 is an exciting new concept which showcases Kia's passion for design and technology," commented Mr Yong-Hwan Kim, Senior Executive Vice President and COO of Kia Motors Corporation. "It hints at the increasingly sophisticated styling and advanced technologies that will give our future products an even stronger and more distinctive road presence." "Over time, elements of this concept SUV will evolve into our next-generation lineup, ensuring continued popularity of our already competitive 4x4 models."

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Performance-Tips

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Transmission Treatment reduces friction, noise and wear in transmissions, gear boxes and differentials. Increases hydraulic and transfer case life. Can be used on 2-stroke engines. We recommend repeat treatment every 6 to 9 months.



M & J Sunshine also carries cartridge filters for European as well as domestic automobiles.



Mecha Tool is a certified motor oil which meets or exceeds API Service SM/SL/SJ/SH ILSAC GF-4/GF-3. It comes in 10W-30, 10W-40 & 20W-50 multi grade motor oil.

Call for pricing and get surprised.

Pack a few more cylinders into your living room.



A mechanic's must-have appliance: The toolbox refrigerator.



Gas Saving Tips

by Ernest Miles

The surest way you can improve your fuel cost problem is to change your motoring habits. Listed below under four categories are 20 effective methods of doing so... no need to buy expensive add-on equipment.

ENGINE WARM-UP

- Avoid prolonged warming up of engine, even on cold mornings - 30 to 45 seconds is plenty of time.
- Be sure the automatic choke is disengaged after engine warm up... chokes often get stuck, resulting in bad gas/air mixture.
- Don't start and stop engine needlessly. Idling your engine for one minute consumes the gas amount equivalent to when you start the engine.
- Avoid "revving" the engine, especially just before you switch the engine off; this wastes fuel needlessly and washes oil down from the inside cylinder walls, owing to loss of oil pressure.
- Eliminate jack-rabbit starts. Accelerate slowly when starting from dead stop. Don't push pedal down more than 1/4 of the total foot travel. This allows carburetor to function at peak efficiency.

HOW TO BUY GASOLINE

- Buy gasoline during coolest time of day - early morning or late evening is best. During these times gasoline is densest. Keep in mind - gas pumps measure volumes of gasoline, not densities of fuel concentration. You are charged according to "volume of measurement".
- Choose type and brand of gasoline carefully. Certain brands provide you with greater economy because of better quality. Use the brands which "seem" most beneficial.
- Avoid filling gas tank to top. Overfilling results in sloshing over and out of tank. Never fill gas tank past the first "click" of fuel nozzle, if nozzle is automatic.

HOW TO DRIVE ECONOMICALLY

- Exceeding 40 mph forces your auto to overcome tremendous wind resistance.
- Never exceed legal speed limit. Primarily they are set for your traveling safety, however better gas efficiency also occurs. Traveling at 55 mph give you up to 21% better mileage when compared to former legal speed limits of 65 mph and 70 mph.
- Traveling at fast rates in low gears can consume up to 45% more fuel than is needed.
- Manual shift driven cars allow you to change to highest gear as soon as possible, thereby letting you save gas if you "nurse it along". However, if you cause the engine to "bog down", premature wearing of engine parts occurs.
- Keep windows closed when traveling at highway speeds. Open windows cause air drag, reducing your mileage by 10%.
- Drive steadily. Slowing down or speeding up wastes fuel. Also avoid tailgating - the driver in front of you is unpredictable. Not only is it unsafe, but it affects your economy, if he slows down unexpectedly.
- Think ahead when approaching hills. If you accelerate, do it before you reach the hill, not while you're on it.

GENERAL ADVICE

- Do not rest left foot on floor board pedals while driving. The slightest pressure puts "mechanical drag" on components, wearing them down prematurely. This "dragging" also demands additional fuel usage.
- Avoid rough roads whenever possible, because dirt or gravel rob you of up to 30% of your gas mileage.
- Use alternate roads when safer, shorter, straighter. Compare traveling distance differences - remember that corners, curves and lane jumping requires extra gas. The shortest distance between two points is always straight.
- Stoplights are usually timed for your motoring advantage. By traveling steadily at the legal speed limit you boost your chances of having the "green light" all the way.
- Automatic transmissions should be allowed to cool down when your car is idling at a standstill, e.g. railroad crossings, long traffic lights, etc. Place gear into neutral position. This reduces transmission strain and allows transmission to cool.

Heard it On The Street

Potential reality

A kid comes home from school with a writing assignment. He asks his father for help. "Dad, can you tell me the difference between potential and reality?" His father looks up, thoughtfully, and then says, "I'll demonstrate. Go ask your mother if she would sleep with Robert Redford for a million dollars. Then go ask your sister if she would sleep with Brad Pitt for a million dollars. Then come back and tell me what you've learned." The kid is puzzled, but decides to ask his mother. "Mom, if someone gave you a million dollars, would you sleep with Robert Redford?" "Don't tell your father, but yes, I would." He then goes to his sister's room. "Sis, if someone gave you a million dollars, would you sleep with Brad Pitt?" She replies, "Omigod! Definitely!" The kid goes back to his father. "Dad, I think I've figured it out. Potentially, we are sitting on two million bucks, but in reality, we are living with two sluts."

Chick Of The Month



WTF



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