

THIS WINTER, I'M PUTTING MY AGE ON ICE.

Book a *Winter Maintenance Service and you could win!



UNTIL FEBRUARY 29TH, 2012

OIL, LUBE AND FILTER
TEST ANTI-FREEZE CONDITION AND STRENGTH
TEST BLOCK HEATER (IF EQUIPPED)
EXAMINE BATTERY, STARTING AND CHARGING SYSTEM
TEST THERMOSTAT AND HEATING SYSTEM

- + Inspect front steering, shocks and struts
- + Inspect lighting and instrumentation
- + Visual brake inspection
- + Rotate tires (as required)

See back for more info

We will recommend your manufacturer's required maintenance.

* Most vehicles. Diesels, ¾ ton and up extra. Includes up to 5 litres of 5W-20, 5W-30 or 10W-30 conventional motor oil. Taxes, environmental charges and shop supplies (as required) are extra. Call your local NAPA AUTOPRO for complete details. † No purchase necessary. Item may not be exactly as shown. A minimum of 75 prizes will be awarded. Contest closes February 29th, 2012. Some restrictions may apply. See in-store for official contest rules and regulations.

Get a *Winter Maintenance Service and

YOU COULD WIN[†]

A \$500 VISA GIFT CARD!

More than
\$35,000 will
be awarded!



WE KEEP YOUR CAR YOUNG A LONG TIME

Call for your appointment now!

Ask us about our
Peace of Mind warranty
or visit us at www.napaautopro.com



Cold Enough For You?

Most people think that if they winterize their cars in the fall, before it gets really cold, they will make it through the winter without problems. And they are mostly right. Others think that if they haven't had a problem yet, they won't have one for the rest of the winter.

Difficulty starting? A cold engine is a stiff engine – it is hard to get the pistons moving, to draw in the fuel, and get started. So it needs more battery power. In cold weather, your battery may produce only 40% of the power it produces in warm weather, so give it a break – use a block heater. A block heater, with a timer to turn it on a couple of hours before you need your car, will make starting much easier. **Starting warm can save you money on gas, too!**

Take a look at your battery terminals. Is there any white deposit on them? That corrosion can insulate the terminals and prevent the battery giving your car its first boost of power in the morning to get it going. If your battery is getting a little elderly, you may not get a second chance.

It can take up to 40,000 volts to zap a spark into your cylinders. If the ignition wires are worn or cracked, some of that power may not make it, and you could have starting troubles – especially in damp weather.

Another tip – keep your gas tank at least half full. That limits any condensation in the tank, so you are less likely to get gas line freezing. Add a little gas line antifreeze every second time you fill up the gas tank just to be sure.

One of the most important things to watch is your cooling system. There are two things to watch: the concentration of coolant, and the amount. In most parts of Canada, a 50/50 mix of coolant and water keeps the coolant from freezing, lubricates the water pump, and protects the cooling system from corrosion. In very cold areas, it may be necessary to increase the concentration of coolant – but never more than 70% coolant to 30% water.

But if you are like most Canadians, you are more concerned about heating than cooling at this time of year. The only heat you get is from the engine, which is why your heater blows cold when you first start your vehicle (before the engine warms up). If your coolant is low, your heater is the first thing to suffer, so keep your antifreeze topped up.

You may also hear a squealing noise (audible over your own teeth chattering) from the heater fan. That could indicate a worn bearing in the fan motor, which will probably seize up on you when you need it the most.

If you travel or commute, it is worth taking a little extra time to make sure you have an emergency kit in the trunk. Winter additions to the usual emergency kit include the following:

- good scraper and snow brush
- blanket, hats, and mittens
- matches and candles
- canned fruit/nuts/survival rations
- can opener
- tin cup
- traction mats
- small shovel
- red cloth (help signal) or a call police sign
- jumper cables

Winter check-up? It is never too late.

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MULTI-POINT SERVICE INSPECTION

● Inspected ● Future Attention Suggested ● Service/Replacement Required

LUBE, OIL AND FILTER

- Replace filter with NAPA oil filter
- Drain oil and replace with up to 5 L premium NAPA oil
- Lubricate chassis, suspension and steering components

- Completed
- Completed
- Completed

MULTI-POINT VISUAL INSPECTION

- All lights and signals ● ● ●
- Air filter ● ● ●
- Coolant Reading: _____ ● ● ●
- Hoses ● ● ●
- Drive belt ● ● ●
- Wiper blades ● ● ●
- Battery case, cables and clamps ● ● ●
- Battery cranking test ● ● ●
- Exhaust ● ● ●
- Chassis ● ● ●
- Brake fluid ● ● ●
- Windshield washer fluid Topped-up
- Power steering fluid Topped-up
- Differential fluid (RWD) Topped-up
- Transfer case fluid (4WD) Topped-up
- Transmission fluid Topped-up
- Tire pressure OK
- Tire rotation Corrected
- Tire wear and tread depth and visual Shock / Strut Inspection Completed
- _____ /32" ● ● ●
- _____ /32" ● ● ●



VISUAL BRAKE INSPECTION

- Inspect calipers ● ● ●
- Inspect rotors and drums ● ● ●
- Inspect brake lines and hoses ● ● ●
- Inspect parking brake cables ● ● ●
- Inspect wheel cylinders ● ● ●
- Check master cylinder fluid ● ● ●
- Measure brake linings ● ● ●
- _____ mm ● ● ●
- _____ mm ● ● ●



INSPECTION DATE: _____ KM: _____

VERIFIED BY YOUR TECHNICIAN: _____