

## WINTER DRIVING - BE SAFE!

### Driving and Winter

Stay alert, slow down and stay in control — the three key elements to safe winter driving.

- Drive according to current road and weather conditions.
- Keep a safe distance between you and the vehicle in front of you.
- Avoid situations where you may have to brake suddenly on a slippery surface.

### Be Prepared — Driver's Checklist

Get your vehicle winter-ready with a maintenance check-up. Don't wait for winter to have your battery, belts hoses, radiator, oil, lights, brakes, exhaust system, heater/defroster, wipers, and ignition system checked.

The condition of your vehicle's tires is important. Worn and damaged tires can hamper your ability to drive safely. Have them checked or replaced before winter begins. Remember to check tire air pressure frequently, as it decreases in colder weather.

While regular or "all-season" tires, including wide and high-performance tires, may be adequate in some areas, they may not be suitable for driving in the winter.

Use winter tires. They improve driving safety by providing better traction and handling through snow, slush, and on ice. Installing four winter tires provides greater control and stability.

**Never mix tires of different tread, size and construction.**

Check weather and travel conditions before heading out. Don't take chances if the weather is bad. Allow yourself extra time for travel, or wait until conditions improve.

If you are traveling a long distance, plan your route ahead of time.

Let someone know of your destination and expected time of arrival.

Wear comfortable clothing that doesn't restrict your movement while at the wheel. Keep warm clothing for getting out of your vehicle.

Clear snow and ice from all windows, lights, mirrors, and the roof. After starting your vehicle, wait for the fog to clear from the interior of the windows so you will have good visibility all around.

Make sure your vehicle is mechanically ready for the rigors of winter and keep your gas tank sufficiently full — at least a half of a tank is recommended.

Make sure you have sufficient windshield washer fluid in the reservoir and that it is rated in the -40°C temperature range. Keep an extra jug in the vehicle.

If you are in an area with cell phone service and have a cell phone, use it only when necessary.

**When you need help, pull well off of the road to make or receive a call.**

### PLAY IT SAFE!

Severe winter driving conditions may make you nervous, uncomfortable, or fearful. Stay off the road unless your trip is absolutely necessary.

Proper preparation and the right skills will help you face the challenge of winter driving.

Stay alert, slow down and stay in control.

Turn on your vehicle's full lighting system in poor visibility.

### On The Road

#### Visibility

It is critical for drivers to see and be seen in low light conditions, and when blowing snow and white-outs impair your visibility. Turn on your vehicle's full lighting system in poor visibility.

#### Spacing

It takes longer to stop on a slippery road. It's important to leave plenty of space between you and the vehicle ahead.

A guide to safe spacing under normal driving conditions is the two-second rule. In winter, and especially during poor weather conditions, double the two-second rule.

#### Two second rule:

1. Pick a marker on the road ahead, such as a road sign or telephone pole.
2. When the rear of the vehicle ahead passes the marker, count "one thousand and one, one thousand and two."
3. When the front of your vehicle reaches the marker, stop counting.  
If you reach the marker before you count "one thousand and two," you are following too closely.

## Snowy Roads

Snow on a road may be hard-packed and slippery as ice. It can also be rutted and full of hard tracks and gullies. Or it can be smooth and soft. Wet snow can make for slushy roads.

Heavy slush can build up in the wheel wells of your vehicle and can affect your ability to steer.

Remember, look far ahead as you drive, so you can recognize hazards and have plenty of time to respond. Adjust your driving to the road and weather conditions.

Slow down and avoid sudden turns of the steering wheel, and sudden braking and accelerating which could cause a skid.

## Ice

Be careful when approaching shaded areas, bridges, and overpasses, as these sections of road freeze much sooner in cold weather and stay frozen long after the sun has risen.

Watch out for black ice, areas of the road that appear black and shiny, as they can cause your vehicle to suddenly lose traction.

Slow down, keep your foot off the brake, and be ready to shift to neutral or step on the clutch as your vehicle crosses these areas.

## Stopping Distances

In winter driving conditions, it takes all vehicles longer to stop on snow-covered roads.

Traveling at 90 kilometers per hour, the stopping distance for the average passenger vehicle on loose snow is 213 metres (697 ft.) or 54 car lengths, compared to 121 meters (396 ft.) or 30 car lengths on dry roads.

For the average commercial vehicle, the stopping distance jumps to 304 metres (996 ft.) or 14 tractor-trailer lengths.

## Snow Spray

On snow-covered highways, large trucks and buses can raise or blow snow onto your windshield leading to a sudden loss of visibility.

*Always drive defensively and leave enough space to avoid their snow spray.*

## The Unexpected

If you get stuck or stranded, don't panic. Stay with your vehicle for safety and warmth. Wait for help to arrive. If you are in an area with cell phone service and have a cell phone, call for help.

Be careful if you have to get out of your vehicle when on the shoulder of a busy road. If possible, use the door away from traffic.

If you attempt to free your vehicle from the snow, be careful. Dress warmly, shovel slowly and do not overexert yourself. Do not attempt to shovel or push your vehicle if you have a medical condition.

Body heat is retained when clothing is kept dry. Wet clothing, due to the weather or perspiration, can lead to a dangerous loss of body heat.

Draw attention to your vehicle. Use emergency flashers, flares or a Call Police sign.

Run your motor sparingly. Be careful of exhaust fumes. For fresh air, slightly open a window away from the wind.

You may have to exit your vehicle occasionally to make sure the exhaust pipe is clear of drifting snow before running the engine.

## Winter Driving Survival Kit

- Ice scraper/snowbrush/Shovel
- Sand or other traction aid
- Tow rope or chain
- Booster cables
- Road flares or warning lights
- Gas line antifreeze
- Flashlight and batteries
- First aid kit/Fire extinguisher
- Small tool kit
- Extra clothing and footwear
- Blanket/Matches
- Non-perishable energy foods
- Candle and a small tin can