

# Snow. Ice. Sleet. Fog.



Don't get left out in the cold. Prepare your vehicle for winter weather.

## Do you drive during winter?

Winter weather is hard on your vehicle and its engine. Here are some tips to help you make sure your ride is up to the challenge:

- 1. Install winter tires.** Use four matched winter tires that carry the mountain/snowflake winter tire symbol and with tread no less than 3.5 mm – even when driving a 4 X 4 vehicle. Tires marked with an M+S (Mud and Snow) are also legally acceptable but do not provide the same degree of performance as a mountain snowflake tire in severe winter conditions. Winter tires improve driving safety by providing better traction in snow, slush and icy conditions. Check for wear before installing the tires and check tire air pressure frequently, as it decreases in cold weather.
- 2. Get your car winter ready with a maintenance check up.** Preventative maintenance is key. Make sure your battery, brakes, lights and fuses, cooling and heating systems, electrical and exhaust systems, and belts and hoses are in tip-top shape.
- 3. Change your wiper blades to winter blades.** They are heavier and push snow and ice more easily.
- 4. Clear snow and ice from all windows, lights, mirrors, hood and the roof.** After starting your vehicle, wait for the window to defrost completely to allow clear visibility all around.
- 5. If you have a cell phone, make sure it's charged and bring it with you.** A car charger for the phone is a smart device to have on hand. Cell phone batteries can freeze in very cold weather. Don't leave your phone in the car for extended periods of time.



- 6. Make sure your windshield washer reservoir is full, and carry extra washer fluid in your vehicle.**
- 7. Be prepared by packing a winter survival kit.** Recommended items include:
  - Emergency kit containing non-perishable food, blankets and first aid supplies
  - Windshield scraper and snow brush
  - Extra windshield washer fluid
  - Fuel line antifreeze
  - Flares and matches or lighter
  - Tire chains and gloves
  - Shovel and traction mat, sand or kitty litter
  - Flashlight and extra batteries
  - Battery jumper cables
  - Spare tire, wheel wrench and jack
  - Extra clothing and footwear
  - Sandbags for extra weight
- 8. Keep your gas tank topped up.** This will help to avoid condensation and moist air on the inside of the tank, which can cause fuel lines to freeze and other serious issues.
- 9. If you get stuck in a storm, don't panic.** Avoid overexertion and exposure. Stay in your vehicle and open your window slightly to make sure you have a supply of fresh air. Use a survival candle for heat. Set out a warning light or flares.

Know before you go.

[ShiftIntoWinter.ca](http://ShiftIntoWinter.ca) | [DriveBC.ca](http://DriveBC.ca)



Disclaimer. This tip sheet does not take the place of professional occupational health and safety advice and is not guaranteed to meet the requirements of applicable laws, regulations, and rules, including workplace health and safety laws and motor vehicle and traffic laws. The members of the Winter Driving Safety Alliance and their respective employees, officers, directors or agents (collectively the "WDSA") assume no liability for or responsibility for any loss or damage suffered or incurred by any person arising from or in any way connected with the use of or reliance upon the information contained in this tip sheet including, without limitation, any liability for loss or damage arising from the negligence or negligent misrepresentation of any of the WDSA in any way connected with the information contained in this tip sheet. The information provided in this tip sheet is provided on an "as is" basis. WDSA does not guarantee, warrant, or make any representation as to the quality, accuracy, completeness, timeliness, appropriateness, or suitability of any of the information provided, and disclaims all statutory or other warranties, terms, or obligations of any kind arising from the use of or reliance upon the information provided, and assumes no obligation to update the information provided or advise on future developments concerning the topics mentioned. (09-2014)