

Winter Driving: Vehicle Preparedness

Although employers cannot control roadway conditions, they should not only reinforce safe driving behavior by training workers to recognize the hazards of winter weather driving, but also by implementing an effective maintenance program for all vehicles.

This should include inspecting the following to help ensure the vehicle is in proper working condition:

- **Brakes:** Brakes should provide even and balanced braking. Also check that brake fluid is at the proper level.
- **Cooling System:** Ensure a proper mixture of 50/50 antifreeze and water in the cooling system at the proper level.
- **Electrical System:** Check the ignition system and make sure that the battery is fully charged and that the connections are clean. Check that the alternator belt is in good condition with proper tension.
- **Engine:** Inspect all engine systems.
- **Exhaust System:** Check exhaust for leaks and that all clamps and hangers are snug.
- **Tires:** Check for proper tread depth and no signs of damage or uneven wear. Check for proper tire inflation.
- **Oil:** Check that oil is at proper level.
- **Visibility Systems:** Inspect all exterior lights, defrosters (windshield and rear window), and wipers. Install winter windshield wipers.

An emergency kit with the following items is recommended in vehicles:

- Cellphone or two-way radio
- Windshield ice scraper
- Snow brush
- Flashlight with extra batteries
- Shovel
- Tow chain
- Traction aids (bag of sand or cat litter)
- Emergency flares
- Jumper cables
- Snacks
- Water
- Road maps
- Blankets, change of clothes
- Important phone numbers not only for emergency personnel but for supervisors, office personnel, towing companies and so forth
- GPS for help in locating vehicle in remote locations

Although employers cannot control roadway conditions, they should still do their part to ensure their workers recognize the hazards of winter weather driving.

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