

# All-Season Maintenance

Critical maintenance can greatly increase the economics and safety of the vehicle operation. Here are a few important and actionable tips to stay ahead of the maintenance and performance of your vehicle:

## MAINTENANCE TIPS



### Winter Season Temperature

As a reminder while seasons change, and the temperature starts to fall, so will your tire inflation pressures. The average pressure in a tire typically goes down 1-2 pounds for every 10 degrees of temperature decreases.<sup>1</sup>



### Electrical & Hydraulic Connections

Top performance is only achieved when electrical wires and hydraulic connections, both in the engine and along the chassis, are not damaged or corroded.<sup>2</sup>



### Check All System Fluids

Fluids levels are essential to the operation and maintenance of any vehicle, and it is important to maintain the proper levels of batteries and fluids. Be sure to follow operators manuals for tutorials and instructions when checking levels.



### Check Tire Pressure

Tires lose air slowly at the rate of 1-3 psi/ 6.8-20 kpa a month due to osmosis. It also generates excessive heat and can reduce fuel economy by increasing rolling resistance, because soft tires make the vehicle work harder.<sup>3</sup>



### Overweight Vehicle

As a reminder that any vehicle that is carrying an overweight load is at greater risk for a tire blowout, even with the most minor tire wears. This can lead to an accident or catastrophe. It is important that vehicle operators pay attention to the vehicle ratings and proper roadway regulations.<sup>4</sup>

## TAKE ACTION

### Seasonally

Check tire pressure with an accurate gauge, and fill tire pressure to the “recommended seasonal tire pressure.”

### Monthly

Inspect your vehicle’s electrical or hydraulic connections for damage or leaks.

### Monthly

Inspect your vehicle’s fluids and batteries for proper levels and review them in your operators manuals for tutorials and instructions.

### Weekly

Check tire pressure with an accurate gauge, and fill tire pressure to the “recommended tire pressure.”

### Daily

Inspect your vehicle’s tires for major or minor tire wears and calculate vehicle’s payload according to the vehicle’s GVWR.