

## Speed Limiters

Starting January 1, 2009, most large trucks driven in Ontario will be required to use electronic speed limiters

### Who needs a speed limiter?

Speed limiter requirements will apply to vehicles that were manufactured in 1995 or newer with a manufacturer's gross vehicle weight rating (MGVWR) of 11,794 kg (26,000 lbs) or more. Only commercial motor vehicles with an electronically controlled engine are subject to these regulatory requirements.

**The speed limiting system of these commercial motor vehicles shall be properly set to no more than 105 km/h or 65 mph.**

Buses, mobile cranes, mobile homes, ambulances, cardiac arrest emergency vehicles and fire apparatuses will be exempt from the regulation.

### What is a speed limiter?

A 'Speed Limiter' is a standard feature on the Electronic Control Module (ECM) of most heavy duty trucks built since the early 1990's. The speed limiter function gives the vehicle operator the ability to program a pre-set speed barrier that the truck is not capable of exceeding.

The speed limiter works by limiting the amount of fuel a fuel injector dispenses into the engine when the vehicle reaches a pre-determined speed.

For example - if the speed limiter is set to 105 km/h and a driver tries to exceed this speed by depressing the gas pedal, the ECM will detect this and only allow the fuel injector to dispense the fuel necessary to maintain a road speed of 105 km/h.

## Frequently Asked Questions

### How do I set my speed limiter?

- Any heavy duty mechanic or technician working in a shop certified to service your truck's make of engine will easily be able to activate your speed limiter.

### Why is Ontario requiring the use of speed limiters?

- Transport Canada conducted an independent review of a mandatory speed limiter program in Canada. These studies clearly showed that Ontario would reduce its greenhouse gas emissions by 280,000 tonnes each year, save over 100 million litres of diesel fuel annually, make trucks up to 6% more productive, and create a significant safety benefit for Ontario's highways through the use of electronic speed limiters set to 105 km/h.

### How much longer will it take to get to my destination?

- The effect on trip times is marginal. See table below for the estimated impact on trip time resulting from traveling at 105 km/h instead of 110 km/h:

Starting Point	Destination	Travel Time Increase
Toronto	Windsor	10 minutes
Toronto	Montreal	15 minutes
Toronto	Chicago	20 minutes
Toronto	Halifax	45 minutes
Toronto	Vancouver	2 hours

### What about Ontario trucks traveling to jurisdictions where the speed limit is higher than 105 km/h?

- Ontario's proposal is for a speed limiter that can be shut off when leaving the province to allow flexibility for carriers traveling to jurisdictions where the speed limit is higher.
- Cost-benefit analysis has shown that the savings in fuel by speed limiting a truck to 105 km/h significantly outweigh any productivity losses.

### Won't speed limiting all trucks in Ontario reduce our productivity and harm the economy?

- Over 50% of Ontario trucks and 87% of carriers in the U.S. already speed limit their trucks without harming their ability to deliver goods on time.
- Fuel prices are rapidly exceeding labour as the biggest cost to the trucking industry. Cost savings realized by speed limiting trucks actually make these companies more productive and competitive.