

P100A FOR TRAILERS

Air Suspension Controller

PROVISO™

PLUS

The **Proviso Plus™** is an electronic axle control system for lifting auxiliary axles when not needed. It monitors the axle load weight and lifts automatically when the vehicle is lightly loaded or empty. It can control the lifting and lower points. Easy computer setup can make the **Proviso Plus™** easy to install. **The Proviso Plus P100A is designed specifically for trailers with air suspensions.**

Proviso Plus™ standard functions:

- Automatically lifts and lowers axle according to weight
- Lifts the vehicle self steer auxiliary lift axle when reversing.
- Locks the self steer axle above 60KM/H
- 4-way flasher weight distribution under 60KM/H
- Maximum load indicator light or back up light.
- Built in Internal air pressure sensor to monitor suspension.
- Display's internal pressure reading on a computer for easy set up.
- Internal temperature sensor and heater output

**SPIF Compliance
made easy**

Advantages to customer

- All of our functions are SPIF Compliant. Great for four axle trailers.
- Easy computer set up and calibration
- Internal temperature sensor and heater system to prevent freezing.
- Eliminates the driver stopping the vehicle to manually lower/ lift the axle to be compliant with the conditions of the operating permit.
- Low cost system Kit with enclosure and Pneumatics built in for maximum savings
- Reduce wear & tear on tires & axles

Safe, Productive, Infrastructure Friendly – Phase 4 Vehicles Weights and Dimensions Reforms

Ontario- Effecting trucks, truck-trailer combinations, and some specialty combinations. Such vehicles manufactured after June 2011 must be built to SPIF standards as contained in the regulation or operate at significantly reduced weights.



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Technology for Safe Transportation

It is the responsibility of the manufacturer, installer or owner to ensure the auxiliary axle is load equalized. Load equalization is done using air to air transfer, a proportional valve may be required if suspensions are not matched. When properly calibrated the lift axle will lift to meet SPIF regulations.

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