



*...for the long haul*

## ***TractionAir*** *Central Tyre Inflation*

Developed from more than 20 years' experience and backed by our 3 year/500,000 Km warranty. TractionAir® is the safer and smarter CTI System, delivering real value for money.

- **Cost Effective.**
- **User Friendly.**
- **GPS "Speed Up" Technology.**
- **Modular for simple & fast installation.**



There are TractionAir® CTI Systems designed for a number of different vehicle applications, with options of two and four pressure.

Call TRT or your local authorised dealer for details.

**TIDD ROSS TODD LIMITED**

**[www.trt.co.nz](http://www.trt.co.nz)**

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# TractionAir®

## *Simple & Easy to Use*

Designed to fit neatly on any truck dashboard, the 8-30V multi-volt ECU features large easy to read tyre pressures and LED switches for each tyre pressure setting. The adjustable backlight allows the driver to alter the brightness when operating at night.

## *GPS for Peace of Mind*

Using a GPS receiver to measure the ground speed and matching this to stepped pressure intervals is at the cutting edge of CTI pneumatic control. As the truck increases speed the system pumps itself up to fully programmable tyre pressure settings. This provides peace of mind for the fleet owner knowing that the driver can no longer drive down the road with the tyre pressures at settings too low for the speed of the vehicle.

## *High Temperature Heavy Duty Wheel Rotator*

Now proven in the field this rotator was released in 2014, this latest innovation introduces a pressurised mechanical seal that has carbon and ceramic facings. The new seal facings will dramatically increase the working life of the rotator over all previous models. New cooling fins and high temperature gaskets ensure extended service life with hub reduction vehicles. This new rotator was subjected to intensive testing and is the most durable rotator on the market.

## *Easy to Fit*

The TractionAir® Kit comes with all the major components preassembled. Mount the Pressure Cell on the chassis, fit the ECU in the cab, attach the wheel end hardware and just plumb and plug in the leads.

## *Dual Transducer - Unparalleled Accuracy*

TractionAir® G5 now incorporates "dual transducer technology". The dual transducers work in tandem continuously measuring pressure with each other, they effectively self diagnose. Should either transducer become out of phase with its partner the driver is alerted with the ECU informing them of the transducer fault. No other system offers this level of safety and protection.

## *Other Features*

Air leak or puncture alarm, pressure at the tyres is shown in real time and if the leak is bigger than what the compressor can sustain the driver is given the opportunity to isolate the leak at the source.

USB capable our latest ECU brings improved diagnostics and installation interface. TractionAir® has a simple windows based software package that enables the fleet owner to amend the unit's speed and pressure settings from factory. This program enables the end user autonomy without having to send ECU's back to the factory when they want to change speed up and pressure settings.

Improved power spike protection to 160V. The ECU alerts the driver if the power supply exceeds 40V displaying "supply voltage peak exceeds 40V". Additionally, should the loom between the ECU and pressure cell ever be compromised the driver is alerted and the ECU will display "power short circuit".

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