

# SmarTire™ Tire Pressure Monitoring System from Bendix CVS:



## Safety and savings – where the rubber meets the road

Did you know that...

- ... almost 90% of all tire failures result from under-inflation?
- ... under-inflated tires increase fuel consumption?
- ... your tires won't last as long if they're running on low air?

The SmarTire™ Tire Pressure Monitoring System (TPMS) from Bendix CVS is a simple way to help your drivers and maintenance crew know what's happening with the tires on your vehicles. Tire pressure and temperature status is shown on a dash display, informing your driver if there's a tire problem on the road. In the yard, your mechanics can check the same information on a hand-held reader. Real-time protection ... no tire gauges, no stops, no surprises.

### SmarTire™ from Bendix CVS – It's all about drive time, not down time.

Moving trucks make money and help get our economy back on track. Odds are that if you've got a truck down on the side of the road, it's a tire issue. Keeping tires inflated keeps your trucks moving – meaning revenue, lower costs and satisfied customers.

It's more than driving revenue, however, it's safety too. According to the Federal Motor Carrier Safety Administration (FMCSA):

"Properly maintained and performing tires aid drivers in preventing and mitigating crash situations." Keeping tires inflated can help keep your driver, your truck, and the highways a little safer. Plus, keeping crashes down contributes to your fleet's bottom line.



When it comes to tire inflation, you can simply ignore the issue; or you do something about it, simply!

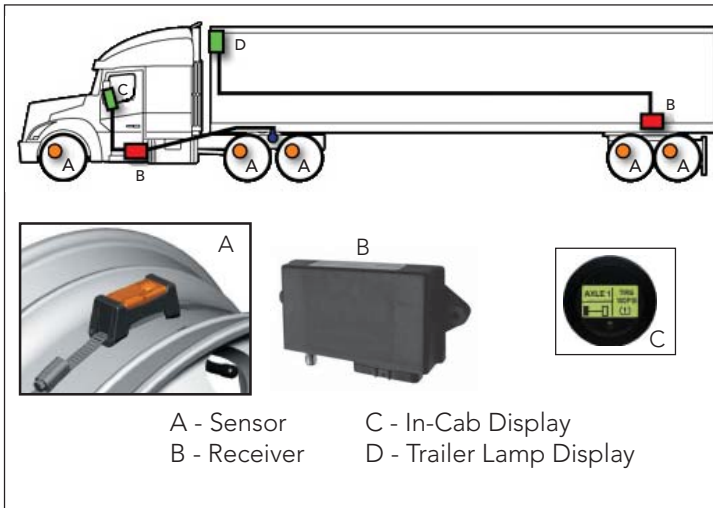
### The numbers tell it all... under-inflated tires add real costs to fleets

- Improper inflation increases total tire-related costs by \$600-\$800 annually
  - 20% under-inflated tire
    - ≈ 2% lower fuel mileage
    - ≈ 30% shorter tire life
    - ≈ 25% shorter tread life
- Average cost of a tire failure ≈ \$800/incident

### But checking tires can also be expensive

- Check tires on a tractor-trailer ≈ 30 minutes
- Hours per year for each tractor-trailer ≈ 42 hours
- Average hourly rate of technician ≈ \$60
- Cost to check tires annually/tractor-trailer ≈ \$2,500

**With just the labor savings alone, SmarTire™ TPMS from Bendix CVS can pay for itself in just eight months!**



## How SmarTire™ from Bendix CVS Works...

**On the tractor/truck:** The SmarTire™ system uses wheel-mounted sensors in the tires, plus a wireless receiver to read and send both tire pressure and temperature information to an in-cab dash display. The system will alert the driver when the tire pressure gets too low, or the temperature gets too high.

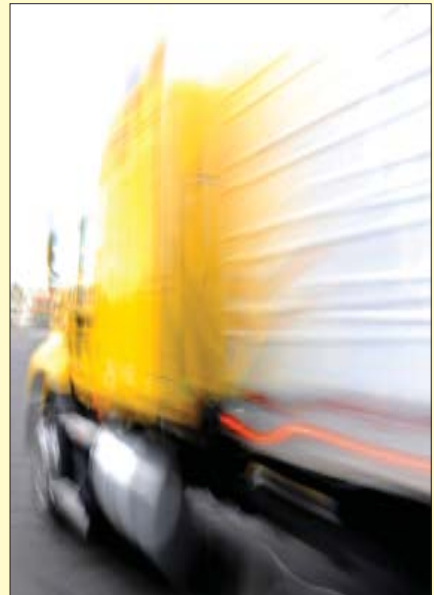
**On the trailer:** Wheel-mounted sensors in the tires – along with another wireless receiver on the trailer – read what's happening and provide a lighted indication on a trailer-mounted lamp that your driver can check in their side mirror.

Not taking care of your fleet's tires can cost you plenty – from higher operating costs and increased downtime, to customer dissatisfaction and even potential accidents.

The SmarTire™ system makes maintaining proper tire inflation simple and reliable!

SmarTire™ TPMS from Bendix CVS delivers:

- **Real-time low pressure and high temperature warnings;**
  - Provides early warning of pressure loss and increasing heat - before a tire is damaged or your truck is in danger.
- **Simple installation, set-up and configuration;**
  - From in-shop to on-road in as little as two hours.
- **Flexibility that works with all wheel and tire types;**
  - No need for special wheel or valve stem installations.
- **Proven components;**
  - Robust, weatherproof components road tested in the harshest environmental conditions.
- **Easy to retrofit SmarTire™ TPMS on any tractor, truck or trailer;**
  - Your trucks could be safer and saving money today.
- **Improved maintenance operations;**
  - Information is available from the J1939 network through telematics systems or download to maintenance facilities.
- **A quick ROI for your fleet;**
  - Depending on your fleet operation, SmarTire by Bendix CVS can pay for itself in as little as eight short months.



**SmarTire™ TPMS from Bendix CVS – simplicity, savings and safety for your fleet.**

Want to save money and improve safety at your fleet? Then get the simple solution ... SmarTire™ TPMS from Bendix CVS. Talk to a Bendix Account Manager, visit [www.bendix.com](http://www.bendix.com), or call us at 1-800-AIR-BRAKE (1-800-247-2725) today.

