



Doran 360RV™

Tire Pressure Monitoring System For RV,
Trailer and Tow Vehicle Applications



Tire Inflation Security for Every Mile

- State-of-art monitor with LCD screen is simple to program and easy for the operator to use
 - Multiple monitor/display mounting options for the dashboard, window and visor are included
 - One glance, "Green means Good™" monitor/display (patent pending)





Doran 360RV™

Overview

The new Doran 360RV™ is a tire pressure monitoring system for continuously reading, analyzing and communicating tire pressures ensuring that your tires ride safely, comfortably and within air pressure specifications.

Did you know that 90% of tire failures are caused by low tire inflation? The Doran 360RV™ helps to prevent tire failures due to under-inflation by monitoring tire pressure and alerting you through a series of sensor warnings.

The Doran 360RV™ has the capability to also monitor trailers and tow vehicles (optional signal booster accessory may be required).

Unique Advantages

Cost Savings

- Saves an average of \$2,000 per incident
- System costs range from 15% to 50% of the cost of an average incident
- Minimize fuel costs and maximize tire life with proper tire inflation

Time Savings

- The system is simple to install and easy to maintain
- Tires pressures are checked automatically
- Estimated installation is expected to take approximately 30 minutes
- On-demand tire pressure checking is also built in to the system

Longer Lasting Product

- Unique three-piece seal design maximizes valve core depression and minimizes potential leaks
- Improved battery design for long sensor life
- Internal sensor components are plated to deliver the longest life and corrosion resistance in the market
- Sensor components are completely protected from cracking, shock, drastic weather changes and vibration wear
- The product has been designed and tested to SAE standards by an independent a2La accredited lab





Ease Of Use

- State of the art LCD screen simply and quickly provides the information the operator needs to use the system
- **“Green means GOOD™”** one glance design (patent pending)
- Simple to understand and operate the display with four-way navigational buttons
- Fast leak indicator provides a warning for a fast pressure drop (patent pending)
- Dual low tire pressure alerts (12.5% & 25% below baseline pressure)
- Multiple types of alarms (audible, location, pressure, red warning symbol)
- Monitor reads up to 36 tires and can be customized to match to your RV setup
- Option to activate high pressure alert (25% above baseline pressure)
- Optional hard-wire installation enables a “sleep mode” to be activated when the ignition is turned off. The alarms are disabled while the system continues to monitor the tire pressures. Any potential alarms will be triggered when the ignition is turned on.

Simple Installation

- Each sensor is laser-etched with a unique serial number to simplify the programming process
- Baseline tire pressures are easily programmed to each sensor and tire location
- System provides quick tire pressure readings and sensor ID# registration
- Sensors conveniently replace existing valve stem caps for fast installation
- Sensors can be easily programmed from the drivers seat
- Multiple mounting options included (adjustable pedestal, hook & loop fastening tape, visor clip) allow LCD screen to be mounted almost anywhere
- Display is streamlined and designed for an RV
- Monitor comes pre-wired with a 12-volt power plug



Multiple Mounting Options

Additional back mounting plates and brackets are included to allow you to customize the installation of your system



Monitor/Display



- 33% smaller footprint of other leading models
- Large LCD screen with backlit digital display for improved visibility
- Provides multiple pressure warning alarm types (audible, visual, fast leak)
- Pre-wired 12-volt power cord for fast and easy installation



Model #3625



Model #3624

Wireless Tire Pressure Sensors



- Laser etched with serial number to make programming and installation easy
- Unique three-piece seal design maximizes valve core depression and minimizes potential leaks
- Built with high-grade materials for encapsulation to provide component security and air tight construction
- Improved battery design for long life

Optional Interior and Exterior Signal Boosters are also available

SENSOR SPECIFICATIONS

- Pressure Range:** 10 to 188 psi
Accuracy: +/- 2 PSI over the pressure range
Operating Frequency: 434.10 MHz
Operating Temperature Range: -40°F to +257°F
Storage Temperature Range: -40°F to +257°F
Battery: internal, non-rechargeable & non-replaceable
Dimensions: 1.16" W x 1.30" H
Weight: .83 oz

MONITOR SPECIFICATIONS

- Power Requirement:** 12 VDC
Current Draw at 12VDC: Normal Mode: < 77mA
Alarm and Backlight: < 115mA
Sleep Mode: < 70mA
Tire Positions: 1 to 36 wheels
Low Pressure Alerts: 12.5% and 25% below the baseline tire pressure
Fast Leak Alert: 2.8psi drop within 12 seconds
High Pressure Alert (optional): 25% above the programmed baseline tire pressure
Dimensions: 5.65" W x 2.16" L x 1.14" D
Weight: 5.40 oz

Doran History

Established in 1953, Doran Manufacturing, LLC began manufacturing custom terminal boards for electric motors. In addition, our company has been providing safety products for school buses, RVs and commercial trucks for over 35 years.



Doran Manufacturing LLC
2851 Massachusetts Avenue • Cincinnati, Ohio 45225 USA
866-816-SAFE (7233) • www.doranmfg.com