Ride with an Air of Confidence

Tire Pressure Monitoring Systems
For Motorcycles, Trikes, and Motorcycles w/Trailers

Under-inflated tires are the #1 factor leading to an imperfect ride, contributing to difficulty handling your motorcycle and dramatically reducing the life of your tires. The Doran 360M™ Tire Pressure Monitoring System for Motorcycles, Trikes and Motorcycles with Trailers will continuously read, analyze and communicate tire pressure information to ensure the perfect ride on your tires.

DORAN 360M™
Motorcycle Tire Pressure Monitoring Systems

The Doran 360M™ tire pressure monitoring systems for Motorcycles, Trikes and Motorcycles with Trailers provide visual and audible alerts when a tire pressure problem occurs.

Wireless tire pressure sensors are installed on the ends of the existing valve stems or inside the tire/rim (using Doran’s patented straight or 90° valve stems). After the sensors are easily programmed and installed, they send tire pressure information, via RF signals, to a monitor that can be mounted almost anywhere on the bike. A remote warning lamp can be used to provide an additional visual indicator of a low-pressure incident.

When tire pressure drops 12.5% and 25% below the programmed baseline tire pressure, a red warning light and audible alarm are triggered. In addition, Doran’s patent pending Fast Leak™ alarm will activate visual and audible signals when a tire pressure drops 2.8psi in less than 12 seconds.

DORAN 360M™
Motorcycle Tire Pressure Monitoring Systems

DORAN 360M3™
Three-Wheel Tire Pressure Monitoring System for Trikes

DORAN 360M4™
Four-Wheel Tire Pressure Monitoring System for Motorcycles with Trailers

866.816.7233

www.doranmfg.com

Doran Manufacturing, LLC | Cincinnati, OH
Frequently Asked Questions

- **How does the system work?**
  Wireless tire pressure sensors are installed on the ends of the existing valve stems or inside the tire/rim and continuously send tire pressure data via radio frequency signals to a monitor that can be mounted almost anywhere on the bike.

- **Can I program the monitor to my specific baseline tire pressures?**
  Yes, each tire location can be programmed to a specific baseline tire pressure using the laser-etched identification number on each sensor. Low pressure alerts occur when tire pressure drops 12.5% and 25% below the programmed baseline pressure. In addition, a Fast Leak™ alarm (patent pending) will activate visual and audible signals when a tire pressure drops 2.8psi in less than 12 seconds.

- **How large are the wireless tire pressure sensors?**
  The tire pressure sensors are approximately 1” in diameter (about the size of a quarter) and are just under 1” tall and extend 0.75” above the valve stem when installed and weigh just under 0.5oz.

- **How long do the tire pressure sensors last?**
  The tire pressure sensors are powered by a lithium ion battery which lasts approximately 3-4 years. Replacement sensors are also available from Doran.

- **Is the Monitor/Display waterproof?**
  Yes. The Monitor/Display is waterproof and weatherproof.

- **Where can the monitor/display be mounted?**
  The monitor/display can be mounted almost anywhere on the bike (handlebars, near the instrument panel, on the frame, under the seat, etc) with simple two-wire 12-volt installation.

### Sensor Specifications

<table>
<thead>
<tr>
<th>Operating Frequency</th>
<th>Pressure Range</th>
<th>Operating and Storage Temperature</th>
<th>Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>434.1MHz</td>
<td>10psi to 87psi (+/-1.5psi)</td>
<td>-40°F to +185°F</td>
<td>0.49 ounces</td>
<td>Width: 1.07” Height: 0.928” diameter approximately the size of a quarter</td>
</tr>
</tbody>
</table>

### Monitor Specifications

<table>
<thead>
<tr>
<th>Power Requirement</th>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>12V DC Draws 30mA in standby and less than 55mA when warning light is on</td>
<td>-22°F to +167°F</td>
<td>-31°F to +176°F</td>
<td>2.2 ounces</td>
<td>Width: 1.70” Length: 1.95” Depth: 1.40”</td>
</tr>
</tbody>
</table>

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