

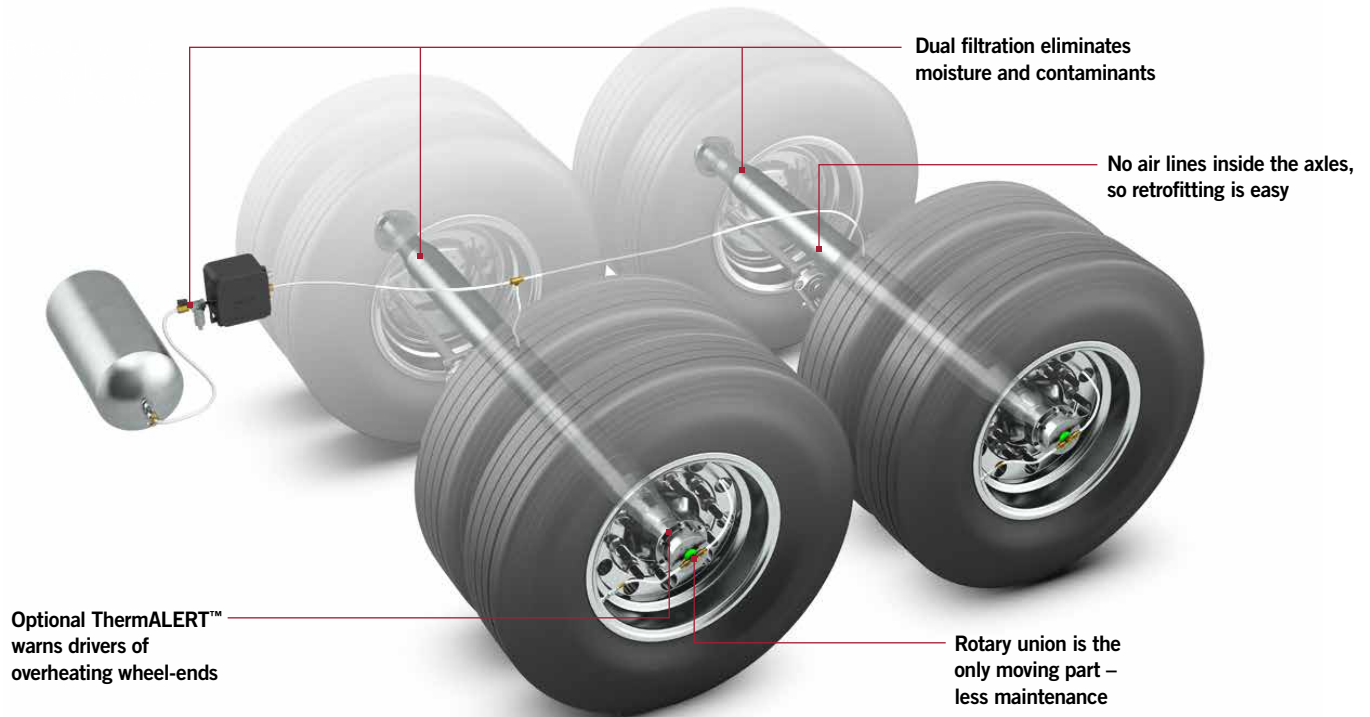
**MERITOR® TIRE INFLATION
SYSTEM (MTIS™) BY P.S.I. –
WITH THERMALERT™ OPTION**



MERITOR



RELIABLE TIRE INFLATION TO KEEP YOU ROLLING.



How MTIS Works.

Air from the trailer air supply is routed to a central control box, then into each axle. The axles act as conduits to carry air through a rotary union assembly, which distributes air to each tire as needed. (Periodic inspection is required. See MTIS Maintenance Manual 14P.)

If you're in the business of hauling freight, you know that every penny counts. And smart managers know that they have to watch every mile, every gallon, every 1/32" of tread and every minute of downtime. Running on underinflated tires can be a major drain on all of these. Successful fleets use smart technology to help minimize their operating costs, which is why the Meritor Tire Inflation System (MTIS™) by P.S.I. is spec'd on nearly one of every three trailers built today.

MTIS by P.S.I. harnesses your trailer's existing air supply to keep your tires fully inflated when your vehicle is in operation, helping to save you money and adding profit to your bottom line.

Costs of underinflation:

- Reduced tire tread life
- Lower fuel economy
- Tread separation (blowout)
- Roadside service calls
- Inspection citations and fines

MTIS BENEFITS.



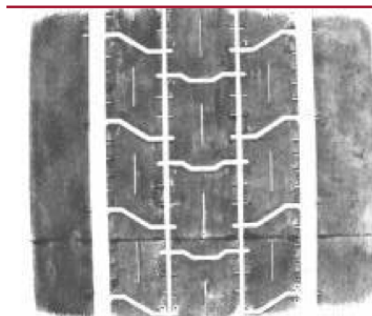
MTIS Features and Benefits:

- Extends tire life
 - Federal Motor Carrier Safety Administration (FMCSA) and U.S. Environmental Protection Agency (EPA) studies show a 10 percent longer tire life with tire inflation systems
 - Underinflation negatively affects both new tires and retreads
 - Continuous inflation prevents early retreading – reduces overall fleet tire costs
 - Helps preserve tire casing for maximum retreading
- Increases fuel economy
 - Proper tire pressure means better fuel economy
 - Proven 1.4 percent average improvement in fuel economy per vehicle based on a Federal Motor Carrier Safety Administration (FMCSA) real-world study on tire inflation systems
- Decreases fleet maintenance costs
 - Less time spent on manual pressure checking and filling
 - Longer intervals between retreads
- Improves safety
 - Prevents underinflation, which is the leading cause of tire blowouts
 - Reduces the risk of road accidents caused by underinflation
 - Delivers real-time warnings of tire issues
- Reduces roadside assistance calls
 - In most cases, it keeps tires inflated until the driver reaches a maintenance location, which reduces service calls and unplanned downtime
 - Reduces blowouts
- Provides over-the-road pressure maintenance
- Compatible with satellite communication services
- Optional in-cab PLC Display from Meritor WABCO – to signal a warning to the driver when the system detects a leak

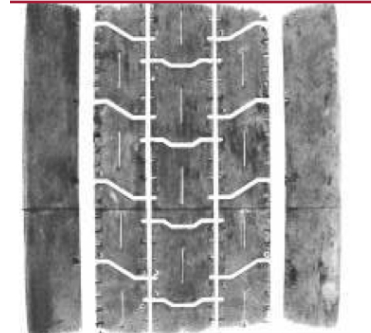
Tire Footprint @ 100 psi vs. 70 psi

Tire footprint and rolling resistance increase as inflation pressure decreases. Fuel economy drops up to 3.8 percent if a tire is underinflated by 30 psi.

7" long @ 100 psi
Optimum fuel economy



8¼" long @ 70 psi
18 percent more rubber
on the road equals a
3.8 percent decrease
in fuel economy*



*Laboratory testing performed by Standards Testing Laboratories, Massillon, Ohio.



INSTALL MTIS FOR IMMEDIATE SAVINGS.

With MTIS by P.S.I., payback is possible within one year. It's such a smart investment that fleets across the country are spec'ing it on new trailers and retrofitting it on existing trailers. The fact that MTIS by P.S.I. is so much easier to retrofit than other products makes installing the system a virtual no-brainer.

Even the most fuel-efficient tires will be affected if not properly inflated all the time. By continuously maintaining proper tire inflation, MTIS by P.S.I. can deliver an average annual savings of \$1,960 per trailer.

Average Annual Cost Savings Per Trailer With Meritor Tire Inflation System (MTIS).

| | |
|--|----------------|
| Tread Wear¹ | \$200 |
| Maintenance² | \$200 |
| Fuel³ | \$930 |
| Tire Downtime/Replacement⁴ | \$630 |
| Total | \$1,960 |

¹ Tread Wear: Based on 10% extended tire life of eight tires traveling 100,000 miles per year and a tire cost of \$400 (average between small and large fleets).

² Maintenance: Based on 20 minutes twice per month spent checking and filling tires by a tire professional at \$25 per hour.

³ Fuel: Based on 1.4% annual savings, assuming 100,000 miles per year at 6 mpg and \$4.00 per gallon.

⁴ Tire Downtime/Replacement: Based on one service call over two years; includes direct cost, downtime and a replacement tire.

ThermALERT™ Option Detects Wheel-End Overheating Problems.

Elevated wheel-end temperatures can cause real problems for trailers out on the road. Left unchecked, overheated wheel ends can result in costly downtime.

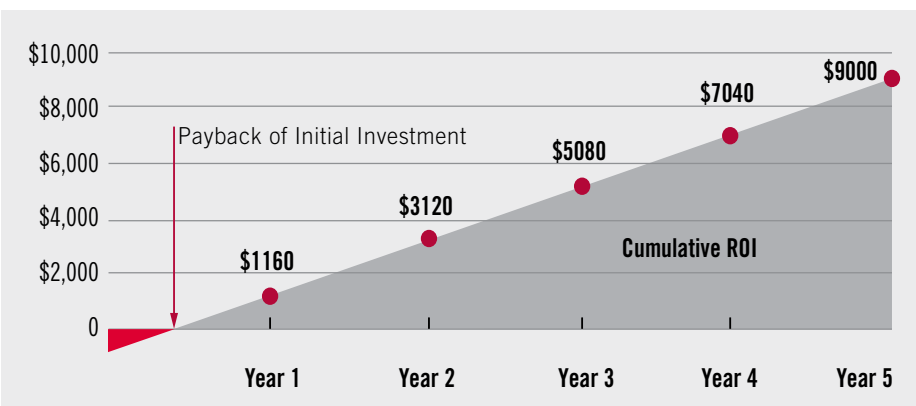
ThermALERT wheel-end heat-sensing technology immediately alerts drivers to overheating wheel ends so that they can take preventive action to avoid damage. This increases vehicle, driver and public safety, and also reduces vehicle downtime. ThermALERT is a simple option that can pay big dividends.

The Meritor Advantage For You.

When you need continuous tire savings, don't miss any of these exclusive MTIS by P.S.I. advantages:

- Proven performance from the market leader – used by top fleets, including 70 percent of top private fleets
- Automatic tire inflation system – not a passive monitoring system
- Does not require driver intervention
- Easy to retrofit, since no air lines run through the axles
- Installation is fast, easy and inexpensive
- Low maintenance, with only one moving part
- Covered by a 3-Year/500,000-mile parts-and-labor comprehensive warranty
- Backed by the Meritor customer support team

Long-Term Return On Investment.



With more than 5 million fleet tires protected, and nearly two decades of proven performance, MTIS by P.S.I. is known for its value and reliability. See for yourself with our interactive payback calculator now at meritor.com/mtiscalculator to check how much you can save.



MOVE FORWARD. WE'VE GOT YOUR BACK.



Meritor trailer components provide the total performance you need to keep your business moving ahead, while Meritor backs you with unsurpassed total service and tech support. Here are just a few of the advantages:

Meritor DriveForce.™

DriveForce is Meritor's North American field support team, handling your commercial vehicle and trailer needs with a combination of sales, service and aftermarket representatives. Team members offer a total-vehicle perspective – each has over 27 years of industry experience, on average – and is equipped with the tools to drive customer profitability and satisfaction. For more information, visit meritor.com/driveforce.



OnTrac Customer Service Center.

Meritor's OnTrac Customer Service Center is ready to assist you at 866-OnTrac1 (866-668-7221) – day and night, weekdays and

weekends. Expert representatives provide diagnostics, technical support, warranty mediation and much more.

Meritor Mobile.™

This handy and comprehensive mobile app puts all of the Meritor trailer suspension and component information at your fingertips, including maintenance manuals, parts books, safety systems and technical content for repair technicians.

Meritor BullPen.

The Meritor BullPen is all about training. This Web page is designed to enhance the knowledge and service needs of technicians, dealer and aftermarket sales professionals, drivers and warranty administrators, and it's available to you 24/7/365 at meritorbullpen.com.

Genuine OEM-Quality Aftermarket Parts.

Meritor maintains a North American network of over 3,000 independent distributors and 2,300 original equipment (OE) dealer locations, providing genuine OE and all-makes parts to ensure that original performance standards are met. We also offer remanufactured components.

Meritor Trailer Components Warranty Coverage.

All Meritor trailer suspensions and components are backed by Meritor's industry-competitive warranty and supported by our industry-leading online warranty claims system. Extended warranty packages are available. For complete details, see meritor.com.

MTIS™ by P.S.I. is covered by one or more of the following U.S. Patents: 5,287,906; 5,584,949; 5,797,398; 5,797,979; 6,698,482; 5,377,736; 5,538,062; 5,868,881; 6,269,691; 6,435,238; 6,892,778.

Vehicle models, brands and names depicted herein are the property of their respective owners and are not in any way associated with Meritor, Inc., or its affiliates.



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Litho in USA, SP-0668
Revised 05-13 (13028/11900)