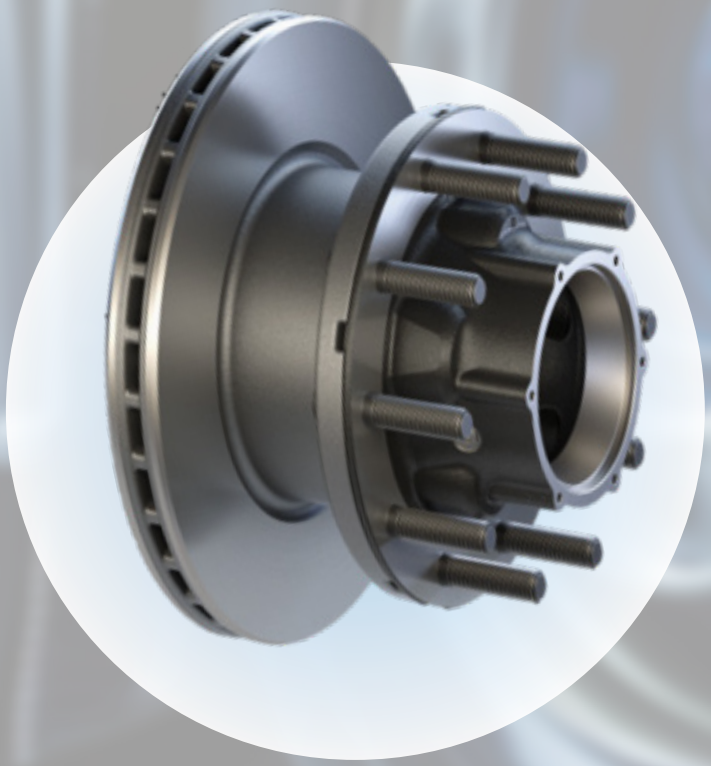


Bendix® UniSync™ Trailer Hub and Rotor System

Unified hub and rotor system engineered to work in sync and designed as part of a complete wheel end system to optimize performance and uptime for fleets.

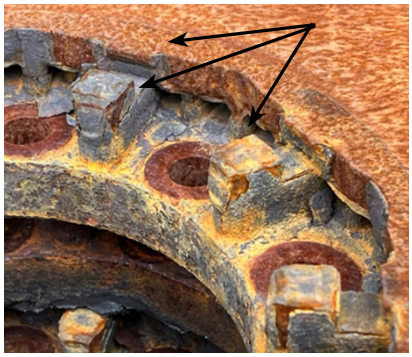
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New UniSync™ Design Helps Maintain ABS Function and Braking Stability

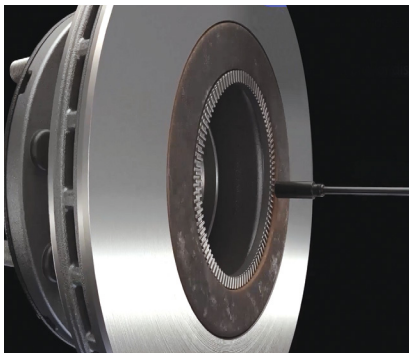
Loose tone rings are a common fleet issue. Exposure to heat and corrosive elements can degrade mounting points, leading to signal loss, anti-lock braking system (ABS) faults, and reduced braking stability.

Problem: Tone Ring Failure Impacts ABS

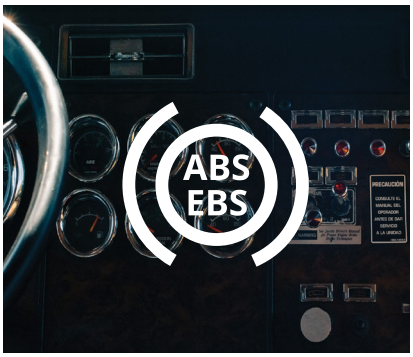
Corrosion at mounting points



Tone ring loosens, wheel speed sensor signal lost



ABS fault triggered, may disable ABS



Solution: UniSync Design Protects the Tone Ring

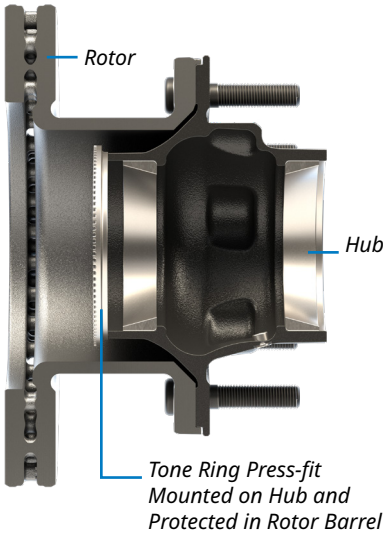
Bendix® UniSync™ helps protect ABS performance by integrating the tone ring within the rotor barrel, shielding it from heat, corrosion, and damage that can lead to signal loss and ABS faults. This helps maintain ABS performance and reduces the risk of trailer braking stability issues.

Protected tone ring in barrel of the rotor

Shields the tone ring from heat and corrosive road exposure

Signal protection

Helps maintain ABS performance





The Bendix® Friction Couple Extends Service Life and Lowers TCO

The UniSync™ hub and rotor helps lower total cost of ownership through a matched Bendix friction couple. Rotor metallurgy and pad formulation are designed to work together, delivering consistent braking while reducing wear over time.

- Longer service intervals
- More predictable maintenance planning
- Lower cost per mile
- Reduced CSA risk for rotor cracks



Bendix® Friction Couple

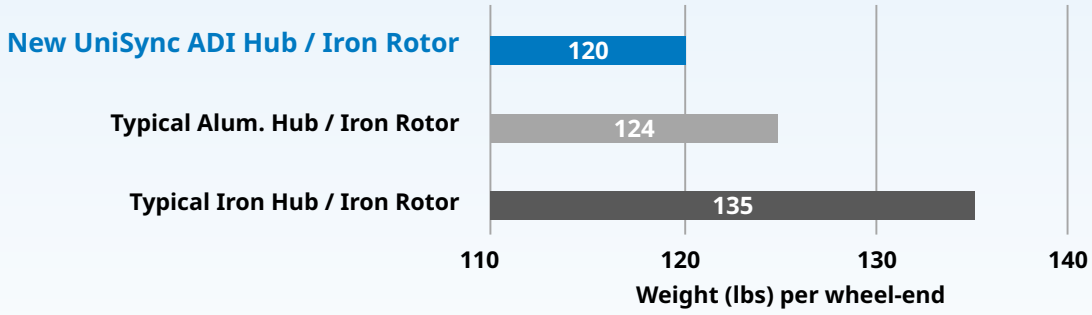
UniSync™ Reduces Weight While Maintaining Durability

Made of austempered ductile iron (ADI), UniSync delivers aluminum-like weight with the durability and strength of iron.

With weight savings of 15 lbs. per wheel-end and 60 lb. per tandem axle trailer vs. a typical iron hub/iron rotor wheel-end, UniSync helps fleets improve productivity in payload-sensitive operations.

UniSync builds on the proven Walther Dura-Light Hub®, engineered to Bendix specifications.

Turn Weight Savings Into Revenue



15 lbs. per wheel-end = **60** lbs. per tandem axle trailer





ONLY FROM BENDIX
COMPLETE SYSTEM

Complete Bendix® Wheel End System

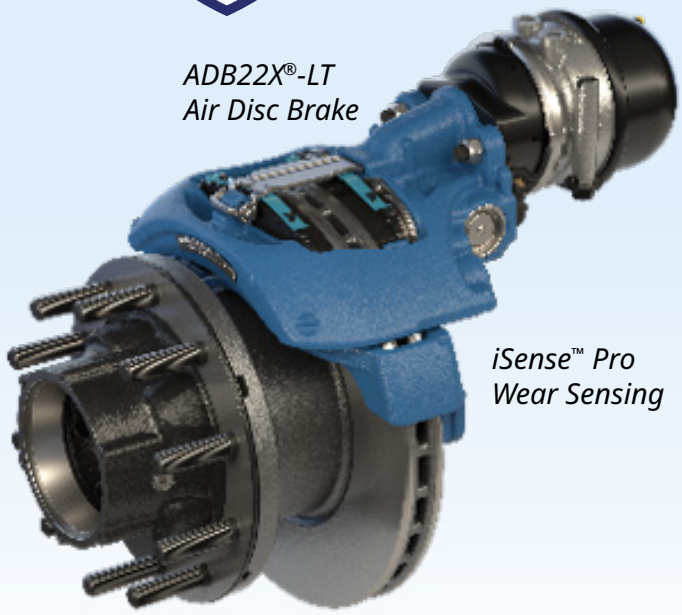
The complete Bendix trailer wheel-end combines the UniSync™ Hub and Rotor with ADB22X®-LT air disc brakes, EnduraSure®-Pro spring brakes, and iSense™ Pro wear sensing.

Engineered as a system, it delivers optimized performance, improved uptime, and single-source support.

Need more flexibility? Select individual components from the Bendix wheel-end lineup.

EnduraSure®-Pro Spring Brake

ADB22X®-LT Air Disc Brake



iSense™ Pro Wear Sensing

UniSync™ Hub and Rotor

Ready to get more from your wheel-end system?
Contact your Bendix account manager, visit Bendix.com, or call 1-800-AIR-BRAKE to discover the benefits of the Bendix® UniSync™ Hub and Rotor for your fleet.

Bendix®

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