

BENDIX® ADB22X® AIR DISC BRAKE REPLACEMENT PADS

Maintain optimum performance,
safety, and service life.



Bendix can help you:

- Maintain safe operation
- Prevent increased risk of liability
- Protect your air disc brake investment

All this and more... Choose from complete application coverage



Dependability

Don't diminish brake performance by choosing the wrong aftermarket pads.

You chose the Bendix® ADB22X® family of air disc brake maximum brake power when you need it most; shorter stopping distances; and surer, smooth stops.

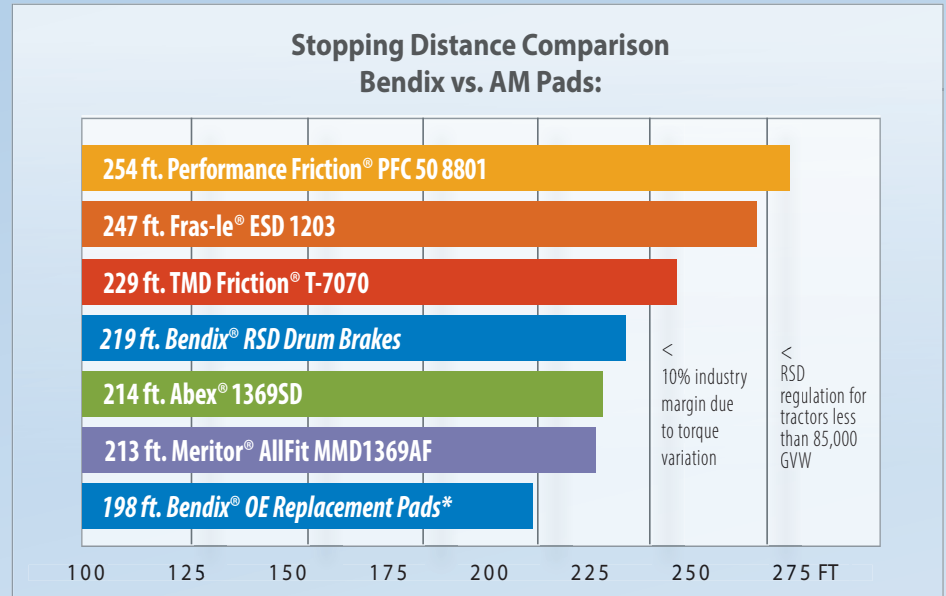
To keep your Bendix air disc brakes running at peak performance, proper maintenance is key – especially the use of Bendix qualified replacement pads. No other air disc brake replacement pads are up to the task of delivering the same consistent brake power in demanding conditions.

To maintain these advantages over the life of the brake, through friction changes, choose Bendix® air disc brake replacement pads:

- Maintain the safety aspects of your ADB brake system by meeting FMVSS-121
- Designed in conjunction with the rotor to wear optimally
- Protect the rotor from accelerated wear and stress cracking that may put your fleet out of service
- Includes OEM hardware kit to protect against damage to key components during installation and operation
- Complete portfolio of pads offers a replacement pad for any situation

Maintain Stopping Distance Performance.

Shorter stopping distances are just one reason you invested in air disc brakes. Don't let your replacement pad choice diminish that performance.



Source: Bendix testing. Stopping distances are simulated based on FMVSS-121 Hot Stop and Recovery.
* Result achieved with Bendix® BX276™ OE replacement pads.

- Bendix pads provide consistent torque, maintain shorter stopping distances than other pads, and lower liability risk by maintaining OE performance.
- Some competitors provide performance similar to a drum brake –eliminating the benefit of air disc brakes.
- Testing shows some pads increase stopping distances up to 50-75 feet and are out of compliance with FMVSS-121 (RSD Requirement).

Bendix® air disc brakes are available through all North American truck manufacturers:



DAIMLER

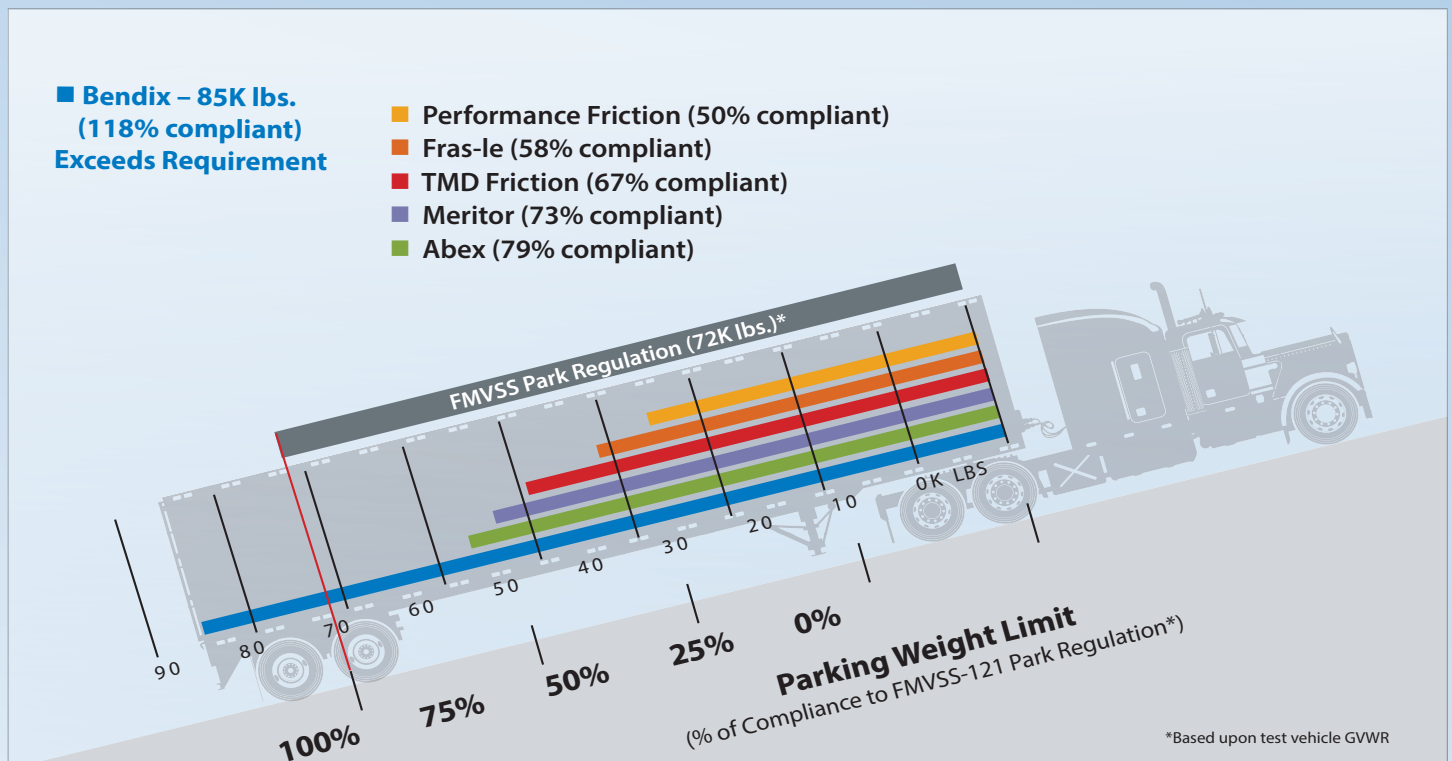


The Bendix® ABD22X-LT is a preferred position at Utility Trailer and is available at all major trailer OEMs.

Don't Run the Risk of a Roll-away by Using Competitor Pads.

Park-hold capability is another key FMVSS-121 requirement where typical aftermarket pads come up short.

- All Bendix® replacement pads exceed the FMVSS-121 requirement for parking. So you can be confident your truck will stay safely parked, even when fully loaded.
- Typical competitor replacement pads have an increased risk of roll-away. Some barely meet the park capability of the weight of an unloaded tractor/trailer.



Source: Bendix testing.



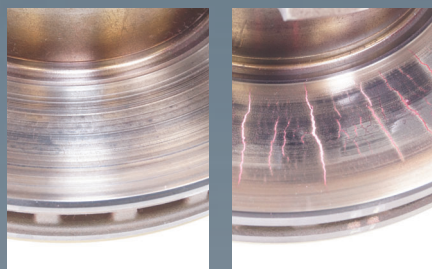
Affordability

You can't afford not to use Bendix® air disc brake replacement pads.

Reduce your overall AM costs, while protecting your ADB investment.

- Bendix pads offer longer life and reduce the number of pad changes versus faster wearing competitor pads
- Competitor AM pads will need to be changed more often, adding maintenance/labor costs
- Some competitor AM pads claim long life, but often wear the rotor faster OR damage the rotor due to stress cracking
- A worn OR damaged rotor will require replacement (adding cost) and/or will put your fleet at risk for CSA violations
- Failed rotor repair can cost thousands of dollars in parts replacement and labor

Rotor Appearance Post Heat Crack Testing



Normal appearance with Bendix® pads

Extensive heat cracking, exceeding CSA maximum with other pads



Bendix safety technologies complement safe driving practices and are not intended to enable or encourage aggressive driving. No commercial vehicle safety technology replaces a skilled, alert driver exercising safe driving techniques and proactive, comprehensive driver training. Responsibility for the safe operation of the vehicle remains with the driver at all times.

How Pad Choice Impacts Your Rotor... and Costs!

*Original pad and rotor (prior to replacement)**

Pad Combinations/Impact to Bendix® Rotor		Additional estimated AM cost (Parts and Labor) ¹
Bendix BX276 100% Pad Life	1st BX276 pad change	Bendix® BX276™ Baseline
	2nd BX276 pad change	
Bendix Rotor Impact	Original OEM rotor*	
Bendix BA236 74% Pad Life	1st BA236 pad change	Bendix® BA236™ +\$2,600 more
	2nd BA236 pad change	
	3rd BA236 pad change	
Bendix Rotor Impact	Original OEM rotor* 1st replaced rotor	
Abex 52% Pad Life	1st Abex pad change	Abex® 1369SD +\$2,900 more
	2nd Abex pad change	
	3rd Abex pad change	
	4th Abex pad change	
Bendix Rotor Impact	Original OEM rotor (reduced life)* 1st replaced rotor	
Meritor 90% Pad Life	1st Meritor pad change	Meritor® MMD1369AF +\$4,600 more
	2nd Meritor pad change	
	3rd Meritor pad change	
Bendix Rotor Impact	Original OEM rotor (reduced life)* 1st Replaced rotor (reduced life) 2nd replaced rotor	

Wear Life

Source: Bendix testing International Standard Wear Test (ISO 26866).
¹ Estimated costs shown are based on industry average prices for these components. Pad changes shown over the standard life of the Bendix® rotor.

BX276™ and BA236™ are owned by Bendix Commercial Vehicle Systems LLC and all other marks are the property of their respective owners. Bendix® is a registered trademark of Garrett Transportation Inc. and is used under license.

Quality

No other aftermarket pads can compete with Bendix®.

A Complete and Quality Hardware Kit

Hardware may be an oversight to some, but it plays an important role in product life. Some pad suppliers don't see it the same way as Bendix.

Bendix provides a complete AM Pad Kit with all the necessary hardware, retainer bars, pad retention springs, shear adaptors, and pads. Some AM kits do not provide a complete kit, and expect fleets to reuse components that may run the risk of failure, or damage the caliper, carrier, rotor, etc.

The **Pad Retainer Spring** keeps the pad in place during brake applies and vibration. Weak pad springs allow the pad to move during those events, eventually damaging the caliper and carrier.

The **Shear Adaptor** aids in brake adjustment and running clearance setting, while acting as a fuse to protect the brake adjuster. *Most AM kits do not provide this part.*

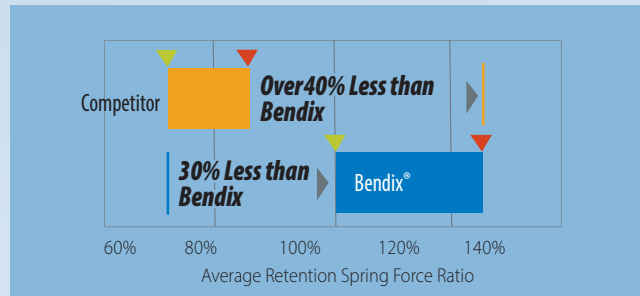
Or they provide an inferior design that shears at higher torques, which can damage the ADB internal adjuster mechanism.



Failed adjuster / Requires caliper replacement



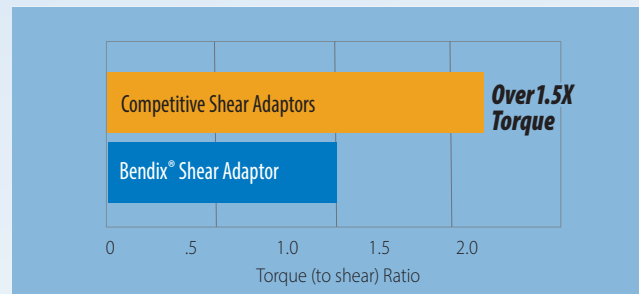
Retention Spring Force Ratio Bendix Spring vs. Other Options (thru operating range)



▼ At installed position
▼ Through full spring displacement

Source: 2019 Bendix spring force testing.

Shear Adaptor Average Torque Ratio Bendix vs. Other Options



Source: 2019 Bendix shear adaptor testing.

Our Pads Offer Weight Savings

Our ADB is the lightest weight in North America, and our pads offer weight savings, too. Other aftermarket kits are weight penalties – up to 22 lbs. Maintained payload is just one more reason to choose Bendix air disc brake replacement pads.

Providing fleets with complete coverage.

BX276™ Genuine OE Replacement Pad

Our BX276 pad raises the bar on air disc brake pad performance, by extending the service life even further than current ADB pad standards. This pad will maximize braking performance, provide premium wear, and resist rotor stress cracking.

BA236™ Aftermarket Replacement Pad



The BA236 AM pad is a lower cost friction replacement for 2nd and 3rd owners seeking quality and value. The BA236 pad meets FMVSS-121 brake performance standards, provides acceptable wear, and meets minimum Bendix rotor cracking requirements.

Bendix® Pads Meet Copper Free Brake Initiative

All Bendix pads meet the Environmental Protection Agency's (EPA) Copper Free Brake Initiative. Look for the leaf icon on our brake pad box to easily verify our compliance. Not all competitor AM brake kits meet the Copper Free Brake Initiative requirements. These pads can harm the environment and/or may not be available for sale in states like California and Washington.



Choose the Pad That's Right For You:

	Bendix BX276 Kit	Bendix BA236 Kit	Other Pad Kits
FMVSS-121 Compliance	Meets and/or Exceeds	Meets and/or Exceeds	May not be compliant, increases stopping distance, reduces park hold capability
Pad Wear Performance	Long Life	Standard Life	Accelerates wear compared to BX276
Rotor Life	Optimized Friction / Rotor Balance	Outperforms Competition / Meets Bendix Friction / Rotor Requirements	Runs hotter, contributes to accelerated rotor wear and/or heat cracked rotor. Increases risk to CSA violations
Application Coverage	Complete Coverage	Most Applications	Unknown
OEM Position	✓	AM Only	AM Only
Hardware	Contains OEM Hardware	Contains OEM Hardware	Non-OEM hardware, missing components (kit dependent)
Meets Copper Free Brake Initiative			Varies by kit, not all compliant
Warranty	Maintains 5-Year Caliper Warranty	Maintains 5-Year Caliper Warranty	voids Bendix ADB22X Family / LT Caliper Warranty



Average is not good enough when it comes to replacement pads for your Bendix® air disc brakes.

Don't diminish performance, safety and service life by choosing the wrong replacement pads.

Description	Bendix® ADB22X® Family Pad Service Kits	
	BX276™ OE Part No. K129276	BA236™ Aftermarket Part No. K182236
Linehaul	R	O
Pick-up / Delivery	R	O
Bulk / Off-highway Loader	R	O
Concrete Mixer / Dump Truck, Off-highway Construction	R	—
Rural or Commercial Refuse	R	—
School Bus	R	—
Highway Travel Coach, Express	R	O

Key: R = Recommended, O = Optional

— = Original OEM friction may vary based upon vehicle configurations/make/model.

Here to Support You After the Sale.

You can count on our field-tested sales and service professionals, a 100% ASE-Certified field technical support team, and the Bendix Tech Team, available on our expert technical support phone line at 1-800-AIR-BRAKE (1-800-247-2725), option 2.



Find out more about our complete line up of air disc brake replacement pads. Talk to your Bendix account manager, call 1-800-AIR-BRAKE (1-800-247-2725) or visit bendix.com today.