

BENDIX® ADB22X® GUIDE TO POPULAR PARTS

- Replacement pad kits (including N-Level friction)
- Rotors
- Actuators
- Calipers
- Tappet and guide pin kits, shield kits, shear adaptors, adjuster covers and pad and rotor measurement tool



Keep your Bendix® air disc brakes running right – and maintain your warranty coverage – with Bendix replacement pads.



Description	Bendix® ADB22X® Pad Service Kits	
	BX277™ (N-Level) OE Replacement Part No. K297277	BA236™ (B-Level) Aftermarket Part No. K182236 (while supplies last)
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.

New BX277™ Pad is N-Level Copper Compliant

The Bendix® BX277™ pad is a genuine OE replacement pad, suitable for all applications. The BX277 pad replaces the BX276 pad (B-Level friction).

The BX277 pad performs as well as, or better than BX276 in terms of:

- Torque
- Heat dissipation
- Wear
- Impact to the rotor
- Stopping distance
- Corrosion

BA237™
(N-Level)
Pad
coming
late 2025

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 aftermarket (AM) Pad Kit with all the necessary hardware, retainer bars, pad retention springs, shear adaptors, and pads. Some aftermarket kits are incomplete, and fleets are expected to reuse components that may run the risk of failure, or damage the caliper, carrier, rotor, etc. For example:

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.*

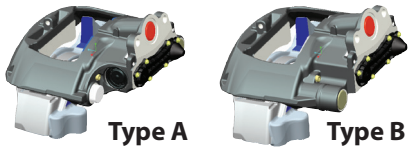


The **Shear Adaptor** aids in brake adjustment and running clearance setting, while acting as a fuse to protect the brake adjuster. *Most AM kits do not provide this part. Or they provide a design that shears at higher torques, which can damage the ADB adjuster mechanism and require a caliper replacement.*



Failed adjuster / Requires caliper replacement

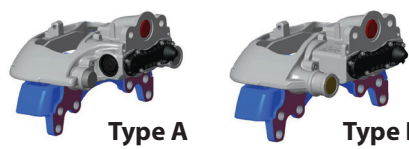
Bendix® ADB22X® Air Disc Brake Caliper with Carrier

Truck and Tractor Part Numbers

OEM	12° Steer and Drive Axle Caliper with Carriers	TYPE	Bendix Service New Part Number	Bendix Reman Part Number*
Freightliner® (Vertical Mount)	Bendix® ADB22X®-V Air Disc Brake			
	 Type A Type B	A	K097846SC	K147136
		B	K097847SC	K147135
Freightliner Kenworth® Mack® Navistar® Peterbilt® Volvo® (Axial Mount)	Bendix® ADB22X® Air Disc Brake			
	 Type A Type B	A	K097850SC	K147430
		B	K097851SC	K147429
	Bendix® ADB22X®-LT Air Disc Brakes			
	 Type A Type B	A	K133901SC	TBD
		B	K133902SC	TBD

*Core Group 90. Core Class J4/J2.

Trailer Part Numbers

OEM	0° Trailer Axial Bendix® Caliper with Carrier	TYPE	Bendix Service New Part Number	Bendix Reman Part Number**
All Trailer	Bendix® ADB22X®-LT Air Disc Brake			
	 Type A Type B	A	K149714SC	K165794
		B	K149715SC	K165795

**Core Group 90. Core Class J6.

Note: For more information on Bendix® remanufactured caliper part numbers, see BW7579 on the Document Library, available on B2Bendix.com.

Bendix® ADB22X® Air Disc Brake 5 year/500K mile Limited Warranty⁽¹⁾

Bendix Designation	Product Type	Type of Operation	Years	Miles (Km)	Hours
			Warranty Period		
Bendix® ADB22X®, ADB22X®-LT, ADB22X®-V air disc brakes	New	On-highway	5	500,000 (800,000)	18,000
	Reman	On-highway	3	300,000 (480,000)	10,800
	All	Off-highway	1	100,000 (160,000)	3,600

⁽¹⁾ For On-highway applications

See BW7214 for complete warranty coverage information. Pads must be returned for warranty consideration.












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FULL SERVICE AT YOUR FINGERTIPS

For complete service information, refer to the Bendix Air Disc Brake Service Data Sheet (SD-23-7541) available on B2Bendix.com.

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Count on Bendix for all your air disc brake replacement part needs.

Here are some of our popular parts/part numbers:

Actuators	Size	Service Replacement – Universal Part Number
Service Actuator 	T14	K028039
	T16	K028226
	T18	K028022
	T20	K028225
	T22	K028238
	T24	K028252
Bendix® EnduraSure® ADB Double-Diaphragm Spring Brake (DDSB) 	T16/24	K042457
	T18/24	K132352
	T20/24	K041960
	T24/24	K043270
Bendix® EnduraSure®-Pro Spring Brake 	18/24	EPRO1824STD
Rotors	Part Number	Description
Bendix® ADB22X® Standard Conventional Rotors. Includes bolts with washers. 	K038573	138mm Offset, 430mm O.D., U-shaped
	K038574	150mm Offset, 430mm O.D., U-shaped
	802569	No Offset, 430mm O.D., HD Splined Disc Kit
Tappet Kit, Guide Pin Kit	Part Number	Description
	K092079	Tappet & Boot Kit
	803114	Guide Pin Kit
Shear Adaptor	Part Number	Notes
	802455	Box of 10
Adjuster Cap	Part Number	Notes
	802643	Box of 20
Shield Kit	Part Number	Notes
Note: Does not fit ADB22X-LT Tractor ADB. 	802948	Steer Axle
	803129	Trailer Axle
	803130	Drive Axle
Pad / Rotor Measuring Tool	Part Number	Notes
	K109114	For use only on ADB22X® and ADB22X®-LT

For more information, contact your Bendix Account Manager, or call 1-800-AIR-BRAKE (1-800-247-2725).

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