



*foundation brakes*

## **Bendix® Trailer Foundation Brakes**

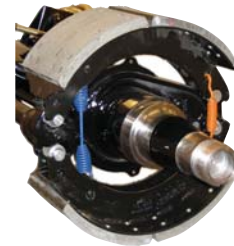
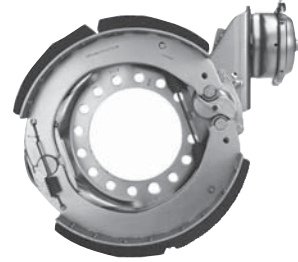
A Superior Solution For Every Application

When it comes to reliability, durability and quality performance, do your trailer brakes stack up? They do if they're Bendix® brand trailer brakes from Bendix Spicer Foundation Brake LLC. Many top fleets spec our foundation brakes as OEM production on their new trailers, and take advantage of our far-reaching aftermarket network, as well, when it comes to replacement parts.

**Application engineered solutions, OE availability, and complete aftermarket support are just a few of the reasons why Bendix Spicer Foundation Brake is the right choice for your operation.**

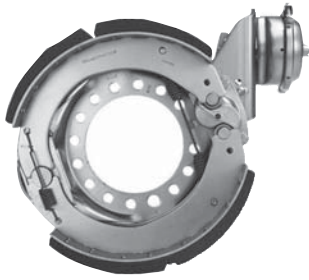
Bendix Spicer Foundation Brake offers over 32 models of foundation brakes to meet the needs of every trailer application in North America. These include drum brake products in diameters from 12.25 to 20 inches, and widths from 4 to 10 inches as well as the industry leading Bendix® ADB22X™ Air Disc Brake. No other brake manufacturer can make that claim.

*Isn't it time for the best? Bendix® brand trailer brakes from Bendix Spicer Foundation Brake bring you advanced engineering, superior performance, and a legacy of leading the foundation brake market in innovation across North America and around the globe.*



**Bendix Spicer  
Foundation Brake LLC**

*A Bendix CVS and Dana Joint Venture*



## Bendix® ES™ (Extended Service) "Wide Brakes"

Feature	The Bendix Advantage At A Glance
E-Coated Brake Shoes	Eliminates rust jacking issues
"Hot Staked" Brakes Shoes	Improved durability and increased brake life
Increased Wearable Lining	Long brake life for fewer relines over the life of your vehicle
Fixed Single Anchor Pin	Superior geometry control for longer brake life
Large Anchor Pin	Reduced brake spider stress enables extended brake life and vibration control

### Not Just an answer for severe service applications.

The Bendix "Wide Brake" is the right choice for a wide range of vocations, including:

- Highway tractor trailer combinations
- Tanker and bulk applications
- High Duty cycle trailers
- Trailers with lift axles
- Refuse vehicles
- Logging trailers
- Trailers where steep grades are regularly experienced

Millions of on-road vehicle miles across a wide range of applications show that the Bendix "Wide Brake" enables a dramatic decrease in brake costs and extended reline intervals.



## Bendix® ESR™ (Extended Service) Reduced Envelope Brakes

Feature	The Bendix Advantage At A Glance
Bendix® ES™ Brake Technology for 19.5" Wheels	Longer reline intervals over competitive 15" brakes and all 12.25" brakes
GAWR up to 20,000 lbs.	3,000 lb. heavier load rating than 12.25" brakes
Lower Vehicle Floor Heights	Lower center of gravity, more stability and easier ingress and egress
230 lbs. Lighter than 16.5 x 7" Brakes	Increase pay load and revenue
Allows More Vehicle Cubic Space	Increased efficiency and productivity

### Call it the best of both worlds.

Get your fleet into a smaller wheel without compromising brake quality and performance. Experience the Bendix® ES™ (Extended Service) brake technology, the only available extended service lining in a 15-inch brake for 19.5-inch wheels. Bendix® ESR™ brakes are also available for axle ratings up to 3,000 lb. heavier than 12.25-inch brakes. If you want to use low-profile wheels for more cubic space, more payload or improved stability and you want to avoid the brake maintenance costs inherent with typical 12.25-inch brake systems, the Bendix® ESR™ Reduced Envelope Brake is the solution.

**Formula Blue™ hydraulic brake parts, Bendix®, and select Spicer® wheel end products are brought to you by Bendix Spicer Foundation Brake.**



## Bendix® ADB22X™ Air Disc Brakes

Feature	The Bendix Advantage At A Glance
Two-Pin Design	More stringent dimensional accuracy and fewer wear components
Mono-Block Caliper Construction	Optimized packaging; lightest dual piston air disc brake caliper available; offers improved sealing from the external environmental elements
Dual Pistons	Better force distribution, more even pad wear, reduced heat and noise elimination
Dual Synchronized Adjustment	Increased life, performance stability, and safety
Brake Torque to 15,000 ft. lbs.	Covers a complete range of vehicle applications

### Stopping power that is consistent, long lasting, and safe.

Bendix air disc brake technology dramatically improves braking stability by reducing fade in high temperature or long downhill applications. Our air disc brake system features inherent high thermal capacity, high efficiency (95%) and low hysteresis (<10%) improves balance and nearly eliminates brake fade. These features, along with our optimized pad and rotor combination (friction couple), provide service intervals well beyond those seen in today's brake systems. The Bendix® ADB22X™ brake can also reduce reline time by 1/5th over standard configurations and with zero grease fittings, your trailer service can be reduced to lights and tires. With Bendix air disc brakes on your trailer, the same brake caliper and pads used as options on many tractors today, there are fewer parts to buy, fewer parts to stock, and lower inventory management costs.



## Bendix® Xtra Life II™ Drum Brakes

Feature	The Bendix Advantage At A Glance
Induction Hardened S-Cams	Increased cam and bushing life with increased strength
Forged Steel Brake Spiders	Reduced overall weight and optimized strength
Dual 2.5" Spaced Anchor Pins	Increased compatibility across name plates, trailer and drive axles
90 (in <sup>3</sup> ) Brake Lining Wear Volume	Optimized brake life for reduced maintenance
FMSI 4707	Extended brake life, combined with increased economy, availability, and performance

### Streamlined maintenance.

Bendix® XtraLife II™ trailer brakes utilize a number of common industry brake components, which allows fleet managers to easily integrate Bendix® quality Foundation brakes into their operation, while holding down parts inventory cost, providing faster training to technicians, and simplifying brake service.

These interchangeable parts include:

- Linings
- Shoes
- Rollers
- Return Springs
- Anchor Springs
- Anchor Pins
- Bushings

From sales to service to ongoing technical support, go with the best. The enhanced design and reliable performance of Bendix® brand trailer brakes from Bendix Spicer Foundation Brake LLC means improved durability, less maintenance, and increased efficiency, even under the toughest braking conditions.

*For more details on the Bendix foundation brake solution that's right for you, talk to your Bendix® or Roadranger® representative, call us at 1-866-610-9709, or visit [www.foundationbrakes.com](http://www.foundationbrakes.com).*



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**Roadranger**  
The Roadranger® System features  
Bendix® brand foundation brakes.