Bendix® Advanced Reduced Stopping Distance (RSD) Linings

Bendix® Advanced RSD linings are a premium grade friction certified to exceed the 2011 Reduced Stopping Distance (RSD) Phase 1 regulations. Bendix BA202R has an average stopping distance of 235', delivering a safety margin equivalent to 1 ½ car lengths. With high torque and minimal fade, Bendix Advanced RSD linings offer a cost effective solution to maintain RSD compliance.

Like other Bendix Advanced friction offerings, Bendix Advanced RSD linings exhibit low wear, and fewer replacements mean lower total cost of ownership.

Bendix Advanced is available in a wide range of applications to cover all your brake shoe requirements, and is an ideal product for maintaining your Bendix ESTM (Extended Service) brakes, including high performance ES brakes designed for RSD compliance.

Friction Properties

<table>
<thead>
<tr>
<th>Wear</th>
<th>Provides the low wear of Bendix Advanced offerings while delivering RSD compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>High temperature fade resistance under panic stopping conditions and RSD compliance with an acceptable margin of safety</td>
</tr>
<tr>
<td>Vocation</td>
<td>Appropriate for line haul vehicles with GVWRs up to 52,000 lbs</td>
</tr>
<tr>
<td>Performance/Stopping Power</td>
<td>Delivers high torque with minimal fade to achieve RSD vehicle certification</td>
</tr>
<tr>
<td>Safety</td>
<td>Third party tested to meet the RSD mandate at 20K GAWR utilizing an AL 165 factor (T30 chamber and 5.5” slack adjuster). All Bendix® linings are FMVSS 121 compliant</td>
</tr>
<tr>
<td>Environmental</td>
<td>All linings are 2014 environmental compliant and non-asbestos</td>
</tr>
</tbody>
</table>

**BA202R**

The first high performance aftermarket friction for RSD applications

**GAWR**

20,000 lbs.

**FMVSS 121**

Conditions:
Axle Rating: 20,000 lbs.
Brake Size: 16.5 x 7
Rolling Radius: 20.8”
AL Factor: 165

Reduced Stopping Distance Linings and Air Disc Brakes
Maintain Performance, Safety and Service Life
Bendix® Advanced Reduced Stopping Distance (RSD) Linings

Maintain Performance, Safety and Service Life

BA202R is part of the Bendix® Advanced Category of Friction:

- Performs in higher temperatures with less fade
- Improved wear characteristics in more demanding applications
- Lower total cost of ownership
- Includes RSD solutions

Performance Characteristics
Bendix® Advanced RSD BA202R

Friction tested and certified by the brake experts at Bendix.

As a premier supplier to the OEMs, with standard position at Kenworth®, Peterbilt®, Volvo® and Mack® and an option at International® and Daimler Trucks North America. Much more than a friction manufacturer or brake shoe reliner, we are a full brake system supplier with unparalleled knowledge of the brake system, making us uniquely qualified to develop brake products to exacting standards.

In our quest to deliver the highest quality brake linings, Bendix goes beyond industry standard friction tests to conduct our own proprietary procedures on four in-house dynamometers. With the full range of Bendix® linings – from OE linings and high performance solutions to meet reduced stopping distance requirements, to premium aftermarket and economy grade friction – you can always be confident you’re getting more. More performance. More service life. More value.

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- Improved wear characteristics in more demanding applications

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Webb Vortex® Unlimited runs cooler for better braking performance and 25% longer life!

(WW 77807BW) 16.5x7, (WW 77808BW) 16.5x8, and (WW 77809BW) 16.5x8.625

- NEW patent-pending CRT VENTS (COOL RUNNING TECHNOLOGY) increase air-flow for superior heat transfer efficiency and 15% cooler operating temperatures
- Patented design provides more surface area for improved heat dissipation
- New patent-pending WEAR INDICATOR takes the guesswork out of repairs and saves labor time
- Cooler temperatures mean longer brake and lining life for lower maintenance costs
- The ultimate low-temperature, long-life brake drum
- Made in the USA
Bendix® ADB22X™ Air Disc Brakes & Replacement Pads

Maintain Performance, Safety and Service Life

You chose the Bendix® ADB22X™ air disc brake for a reason…for 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 OE 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.

Choose Bendix® air disc brake replacement pads to:
- Maintain your stopping distance, unlike other pads;
- Provide consistent braking performance;
- Keep from damaging other high cost replacement components (i.e. rotor);
- Keep you safely parked while your truck and trailer are partially or fully loaded; and
- Maintain your Bendix ADB22X brake five-year warranty.

Don’t increase your stopping distance by choosing the wrong pads.
Shorter stopping distances are just one reason you invested in air disc brakes. Don’t let your replacement pad choice diminish that performance.

### Stopping Distance Comparison

<table>
<thead>
<tr>
<th>Distance (feet)</th>
<th>Pads</th>
</tr>
</thead>
<tbody>
<tr>
<td>254 ft.</td>
<td>Performance Friction® PFC 50 8801</td>
</tr>
<tr>
<td>247 ft.</td>
<td>Fras-Le® ESD 1203</td>
</tr>
<tr>
<td>229 ft.</td>
<td>TMD Friction® T-7070</td>
</tr>
<tr>
<td>219 ft.</td>
<td>Bendix® RSD Drum Brakes</td>
</tr>
<tr>
<td>198 ft.</td>
<td>Bendix® OE Replacement Pads</td>
</tr>
</tbody>
</table>

- Bendix OE pads provide consistent torque and maintain shorter stopping distances than other ADB pads.
- Testing shows that some aftermarket pads have stopping distances 20-40 feet longer than Bendix OE pads.
- Don’t settle for drum brake stopping distance performance – or worse – when you’ve invested in air disc brake performance.

Choose pads that can handle the heat – Bendix.
Many aftermarket pads available today cannot handle the heat generated during braking.

- Inferior pads often run hotter, which can lead to swelling and brake drag.
- Hot running pads lead to accelerated pad wear, disintegration, and diminished braking ability.

Bendix ADB pads manage heat more consistently and resist fade in a full range of demanding conditions.

*Source: 2015 Bendix testing. Stopping distances are simulated based on FMVSS-121 Hot Stop and Recovery Dynamometer Simulation.*
Make the right investment in your air disc brake system.

With typical aftermarket pads, you not only get less torque and longer stopping distances, you may also damage brake components.

- Inferior pads can’t manage heat and may damage the rotor.
- Rotor replacement and labor costs may triple your repair cost.

Don’t put your vehicle at risk. Bendix® air disc brake replacement pads are superior at managing the heat in the Bendix ADB22X and won’t void the warranty on your other brake components. Typical aftermarket replacement pads can run hotter and create rotor heat cracks.

Keep your loaded vehicle parked safely with Bendix® ADB replacement pads.

Parking weight limit is another key category where typical aftermarket pads come up short.

- Typical replacement pads have less ability to remain parked while loaded. That means you have to reduce the amount of load you carry, or your vehicle may be at risk.
- **Bendix® ADB replacement pads exceed the FMVSS-121 requirement for parking. So you can be confident your truck will stay safely parked, even when fully loaded.**

<table>
<thead>
<tr>
<th>Bendix OE pads ✓</th>
<th>Typical AM pads X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torque</td>
<td>Consistent torque and shorter stopping distances.</td>
</tr>
<tr>
<td>Friction</td>
<td>Consistent brake performance in demanding conditions and high heat, superior fade resistance.</td>
</tr>
<tr>
<td>Parking</td>
<td>Exceeds FMVSS-121 parking test requirements.</td>
</tr>
<tr>
<td>Service Life</td>
<td>Optimized friction/rotor pairing for longer service life. Corrosion resistance treatment protects pads from elements, prevents crumbling.</td>
</tr>
<tr>
<td>Warranty</td>
<td>Maintains the Bendix® ADB22X™ brake five year warranty.</td>
</tr>
</tbody>
</table>

Maintain performance, safety and service life with Bendix® Air Disc Brake Replacement Pads

For the optimum performance of your Bendix air disc brakes, choose Bendix replacement pads.

- Pad Kits
  - BW K070796 ADB22X BX275 pad kits (Standard OEM production pad – as of 7/1/2011)
  - BW K109113 ADB22X – Severe service applications

- Rotor Kits
  - BW 802569 Heavy duty rotor for aluminum hubs, spline
  - BW K038573 150mm conventional (u-shaped) rotor
  - BW K038575 138mm conventional (u-shaped) rotor

- Brake Chamber
  - BW K028039 Chamber T14 Truck-Universal
  - BW K028226 Chamber T16 Truck-Universal
  - BW K028022 Chamber T18 Truck-Universal
  - BW K028225 Chamber T20 Truck-Universal
  - BW K042457 Chamber 16/24-Universal
  - BW K132352 Chamber 18/24-Universal
  - BW K041960 Chamber 20/24-Universal

- Misc.
  - BW II14525 Assembly Grease - required when servicing the guide pins on ADB
  - BW 803114 Guide Pin Kit

- Calipers
  - BX K109961X Reman Caliper/Carrier Steer and Drive - Axial Type “A”
  - BX K109962X Reman Caliper/Carrier Steer and Drive - Axial Type “B”
  - BX K109957X Reman Caliper/Carrier Steer and Drive - Vertical Type “A”
  - BX K109958X Reman Caliper/Carrier Steer and Drive - Vertical Type “B”
  - BX K113887X Reman Caliper/Carrier Trailer Type “A”
  - BX K113888X Reman Caliper/Carrier Trailer Type “B”

- Misc. Hardware
  - BW 802455 Shear adapter kit (Box 10)
  - BW 802456 Shear adapter cover
  - BW K092079 Tappet and Boot Kit

- Tool Kits - optional
  - KT 80001 Tappet & Boot Replacement Kit
  - OR appropriate of the following:
  - KT 80000 Complete ADB22X Tool Kit

February 6, 2017 (08Bendix Reduced Stopping Distance and Disc Brakes)