



## Bendix® OE Linings for RSD Phase 1 Steer and Drive Axles

**BX380**  
**BX415**  
**BX860**  
**BX920**  
**BX950**  
**ES420**  
**ES600**  
**ES1180**

### **FMVSS 121 Conditions:**

See inside  
for details



When it comes to braking and safety on the highway, “good” is simply not enough. To protect your vehicles and drivers – as well as maintain safe operation of your RSD-equipped truck – the right choice is RSD-Certified Friction from a reputable OE supplier.

When every foot counts, the safest, highest performing option is Bendix® OE RSD Phase1 Steer and Drive Axle linings.

These premium-grade linings are designed to meet the demanding engineering requirements of our OEs, and exceed Reduced Stopping Distance (RSD) regulations. With this friction choice, you’ll maintain the OE performance of your vehicle and continue the highest level of safety.

You can count on maximum stopping power when you need it, because these linings deliver lower fade and better thermal management. And since we only select friction with high flexural strength that resists cracking – then pair it with our premium coating – you get the ultimate rust jacking protection for longer service life and lower cost per mile.

All Bendix® linings meet or exceed FMVSS 121.

*RSD Phase 1 vehicles are highlighted below.*

### **Reduced Stopping Distance Mandate**

Phase	Axle Configuration	GVWR	Compliance Date
Phase 1	Standard 6 x 4	Below 59,600 lbs.	August 2011
Phase 2	4 x 2 Tractors	All	August 2013
	6 x 4 Severe Service	59,600 70,000 lbs.	
	6 x 4 Severe Service	Above 70,000 lbs.	
	4+ Axle Tractors	Below 85,000 lbs.	
	4+ Axle Tractors	Above 85,000 lbs.	



## Bendix® OE Linings for RSD Phase 1 Steer Axle

**BX380**  
**BX860**  
**BX920**  
**BX950**



### STEER

#### Bendix® OE Lining BX380

For Volvo and Mack applications.  
*Obsoleted and replaced with BX920.*

<b>GAWR</b>	12 - 13.2k lbs	14.6k lbs
<b>FMVSS 121 Conditions:</b>		
Brake Size	16 <sup>1</sup> / <sub>2</sub> x 5 (4719)	16 <sup>1</sup> / <sub>2</sub> x 6 (4725)
AL Factor	*	*
Rolling Radius	21.5"	21.5"

#### Bendix® OE Lining BX860

<b>GAWR</b>	14.6k lbs
<b>FMVSS 121 Conditions:</b>	
Brake Size:	16 <sup>1</sup> / <sub>2</sub> x 5 (4719)
AL Factor:	*
Rolling Radius:	21.5"

#### Bendix® OE Lining BX920

For Volvo and Mack applications.  
*Replaces BX380.*

<b>GAWR</b>	12 - 13.2k lbs	14.6k lbs
<b>FMVSS 121 Conditions:</b>		
Brake Size:	16 <sup>1</sup> / <sub>2</sub> x 5 (4719)	16 <sup>1</sup> / <sub>2</sub> x 6 (4725)
AL Factor:	*	*
Rolling Radius:	21.5"	21.5"

#### Bendix® OE Lining BX950

<b>GAWR</b>	12 - 13.2k lbs	14.6k lbs
<b>FMVSS 121 Conditions:</b>		
Brake Size:	16 <sup>1</sup> / <sub>2</sub> x 5 (4719)	16 <sup>1</sup> / <sub>2</sub> x 6 (4725)
AL Factor:	*	*
Rolling Radius:	21.5"	21.5"

\*AL Factor varies based on application parameters.

**RSD Phase 1 Frictions are part of the Bendix® OE Category of Friction.**  
**Learn More:**

##### Bendix® Basic Friction

- Excellent value at an economical price
- Good wear and consistent performance under normal operating conditions, in low- to mid-range temperatures

##### Bendix® Advanced Friction

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

##### Bendix® OE Friction

- The safest, highest performing option for maintaining your vehicle
- Engineered to meet the demands of OE certification
- Includes RSD solutions



## Bendix® OE Linings for RSD Phase 1 Drive Axle

**BX415**  
**ES420**  
**ES600**  
**ES1180**



## DRIVE

### Bendix® OE Lining

#### **BX415**

NAO\*\*

For Volvo and Mack applications.

**GAWR** 20k lbs

#### **FMVSS 121 Conditions:**

Brake Size 16<sup>1</sup>/<sub>2</sub> x 7 (4709)

AL Factor 165

Rolling Radius 21.5"

### Bendix® OE Lining

#### **ES420**

NAO\*\*

**GAWR** 20k lbs

23k lbs

#### **FMVSS 121 Conditions:**

Brake Size: 16<sup>1</sup>/<sub>2</sub> x 7 (4709) 16<sup>1</sup>/<sub>2</sub> x 8<sup>5</sup>/<sub>8</sub> (4726)

AL Factor: 165 165

Rolling Radius: 21.5" 21.5"

### Bendix® OE Lining

#### **ES600**

NAO\*\*

**GAWR** 20k lbs

23k lbs

#### **FMVSS 121 Conditions:**

Brake Size: 16<sup>1</sup>/<sub>2</sub> x 7 (4709) 16<sup>1</sup>/<sub>2</sub> x 8<sup>5</sup>/<sub>8</sub> (4726)

AL Factor: 165 165

Rolling Radius: 21.5" 21.5"

### Bendix® OE Lining

#### **ES1180**

Combo – Block  
(NAO\*\*/Metallic)

For long wheel base applications.

**GAWR** 23k lbs

#### **FMVSS 121 Conditions:**

Brake Size: 16<sup>1</sup>/<sub>2</sub> x 7 (4709)

AL Factor: 180

Rolling Radius: 21.5"

\*\*Non-asbestos organic

### **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.



**For more information, call 1-800-AIR-BRAKE (1-800-247-2725)  
or visit [www.foundationbrakes.com](http://www.foundationbrakes.com) today.**

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