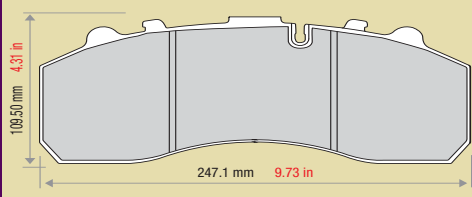


D1203-8323**Vehicle Application**

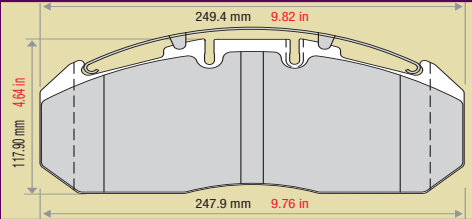
Oshkosh (fire/rescue)
Pierce (fire/rescue),
Prevost, Setra (Daimler)

Caliper Application

Bendix SB7000
(SB7) (SN7)

**HKD1203**

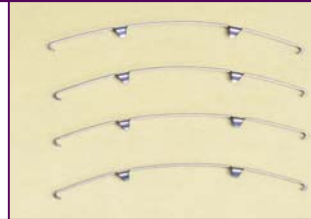
(2) Pad Retainer Bars
(4) Pad Retainer Springs
(4) Adjuster Caps
(2) Spring Clips
(2) Pad Retainer Pins
(2) Washers
(2) Shear Nut Adapters
(2) Small adjuster caps

D1310-8425**Vehicle Application**

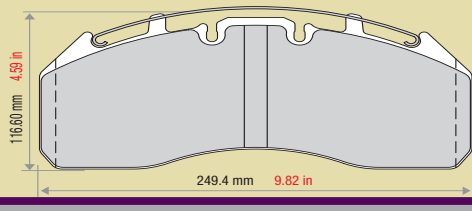
Van Hool (TD925)
ArvinMeritor (Lucas)
D-Elsa 2

Caliper Application

Meritor
D-ELSA 2

**HKD1310-D1407**

(4) Pad Retainer Springs

D1311-8426**Vehicle Application**

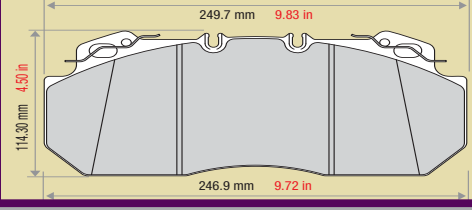
MCI, NABI, Oshkosh (fire/rescue),
Pierce (fire/rescue), Prevost,
Spartan Motors (fire/rescue)

Caliper Application

Meritor
EX225 H2

**HKD1311**

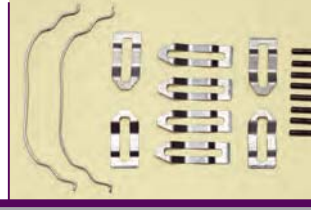
(4) Pad Retainer Springs

D1312-8427**Vehicle Application**

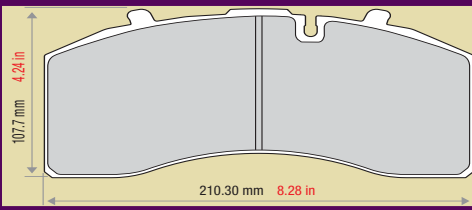
MCI, (with D-Lisa)
ArvinMeritor (Lucas)

Caliper Application

Meritor D-LISA

**HKD1312**

(2) Spreader Plate Springs
(8) Pad Retaining Clips
(8) Pad Retaining Pins

D1369-8479**Vehicle Application**

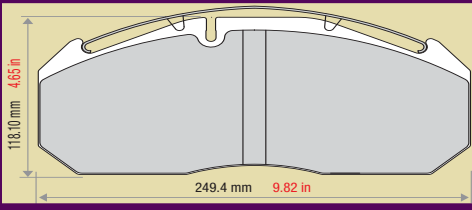
Freightliner, Hendrickson,
Kenworth, Mack, Navistar,
Peterbilt, Spartan, Sterling,
Thomas, Volvo

Caliper Application

Bendix
ADB22X
(SK7)

**HKD1369**

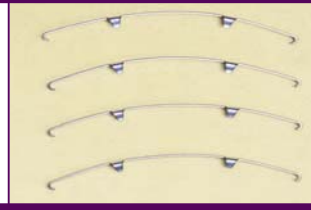
(2) Pad Retainer Bars
(4) Pad Retainer Springs
(4) Adjuster Caps
(2) Spring Clips
(2) Pad Retainer Pins
(2) Washers
(2) Shear Nut Adapters
(2) Small adjuster caps

D1407-8515**Vehicle Application**

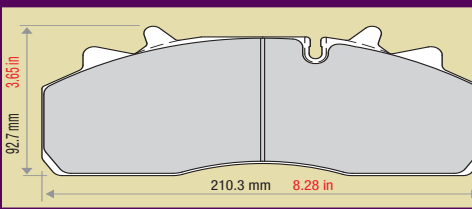
Van Hool Bus (A300,
AG330, C Series,
T Series, TD925)

Caliper Application

Meritor
D-ELSA 1

**HKD1310-D1407**

(4) Pad Retainer Springs

D1438-8556**Vehicle Application**

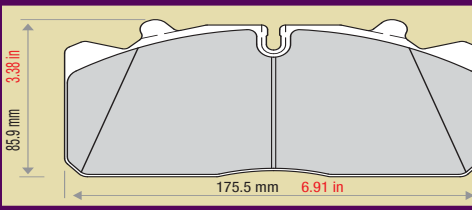
Trailers.

Caliper Application

Wabco PAN 19

**HKD1438**

(2) Retainer bars
(6) Retainer springs
(2) Small adjuster caps
(2) Bolts

D1518-8727**Vehicle Application**

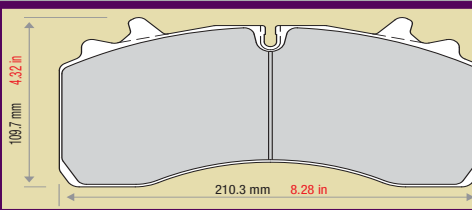
Mack, Trailers

Caliper Application

Wabco PAN 17

**HKD1518**

(2) Retainer bars
(6) Retainer springs
(2) Small adjuster caps
(2) Bolts

D1777-9007**Vehicle Application**

Trailers.

Caliper Application

Wabco PAN 22

**HKD1777**

(2) Retainer bars
(6) Retainer springs
(2) Small adjuster caps
(2) Bolts



**Because Brake Geometry is Important...
...SILVERBACK KXT is Vital**

Silverback Disc Pad	OEM	Abex	Bendix	Dura-Brake	Fras-Le	Fritec	Meritor	Perf. Friction	Raybestos
D1203-8323	Prevost N8893599 611049	ADB1203FE ADB1203AFE	5013257	BP603	ESD1203	CFD-F067A	MMD1203AF	9178.10	ATD1203HD
D1310-8425	Van Hool N508206051 N508206052 Volvo 20976509 21309468 85107768	ADB1310FE ADB1310AFE		BP622	ESD1310	CFD-F257	68324558 / 68325344 68325346 / 68325901	9190.10	ATD1310HD
D1311-8426	MCI 04-01-1113	ADB1311		BP641	ESD1311	CFD-F280	KIT225H2BA (MA703) KIT2252H2CD (MA761) KIT2252H2DA (MA741)	1311.10	ATD1311HD
D1312-8427	MCI 04-01-1007 04-01-1019 Volvo 20825594 3093919 3093939 85105485 85506111	ADB1312		BP601	ESD1312	CFD-F120	MDP5019 / MDP5025 MDP5042 / MDP5061	9183.10	ATD1312HD
D1369-8479		ADB1369	802078 K070796	N/A	ESD1369	N/A		1369.10	ATD1369HD
D1407-8515	Van Hool N508206035 N508206044	ADB1407FE ADB1407AFE		BP621	ESD1407	CFD-F072	MDP5017 / MDP5038 MDP5041 / MDP5054 MDP5065 / MDP5090 MDP5091 / MDP5110 MDP5031	9182.10	ATD1407HD
D1438-8556	Wabco 12999737	ADB1438	N/A	N/A	N/A	N/A	MMD1438AF	N/A	N/A
D1518-8727	Wabco 12999808	ADB1518	N/A	N/A	ESD1518	F174	MMD1518AF	N/A	N/A
D1777-9007	Wabco 12999796	N/A	N/A	N/A	N/A	N/A	MMDWP22AF	N/A	N/A

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SB-AD-0316



Strategically engineered Solutions.



Building OE-Quality Components.



***KXT Aramid Fiber
Air Disc Pads
and Hardware***

- ***Safer Stopping***
- ***Lower Cost Per Mile***
- ***Longer Pad Life***
- ***Longer Rotor Life***

Silverback KXT Aramid Fiber Xtra Torque Stops Safer, Reduces Pad and Rotor Maintenance



Silverback KXT air disc pads are engineered to run cooler, last longer and stop safer.

Built to meet or exceed OE standards for performance and safety, Silverback's KXT (Aramid Fiber Xtra Torque) produces higher torque output, shorter stopping and less wear than competing pads.

blends of thermal resistant fibers and resins to produce one of the industry's highest performing pads.

Aramid Fiber— the same fiber used in bulletproof vests – was chosen for its ability to withstand heat and stress. This was coupled with a MPR resin capable of withstanding temperatures of 1,500° F.

Silverback KXT Withstands Higher Temps

Because air disc technology requires higher torque than air drum brakes, we started with proprietary

Silverback KXT Provides Xtra Torque

This unique formulation generates some 14,000 foot pounds of torque – 24% more than the industry average, and stops vehicles up to 18% shorter.

Silverback KXT brake pads show a laden stop distance of only 195 feet, well below the federal regulation of 250 feet.



Silverback KXT Aramid Fiber is RSD-D Certified to Stop 22% Shorter Than Federal Regulations

Federal regulations have mandated all new tractors to meet Reduced Stop Distance (RSD) regulations.

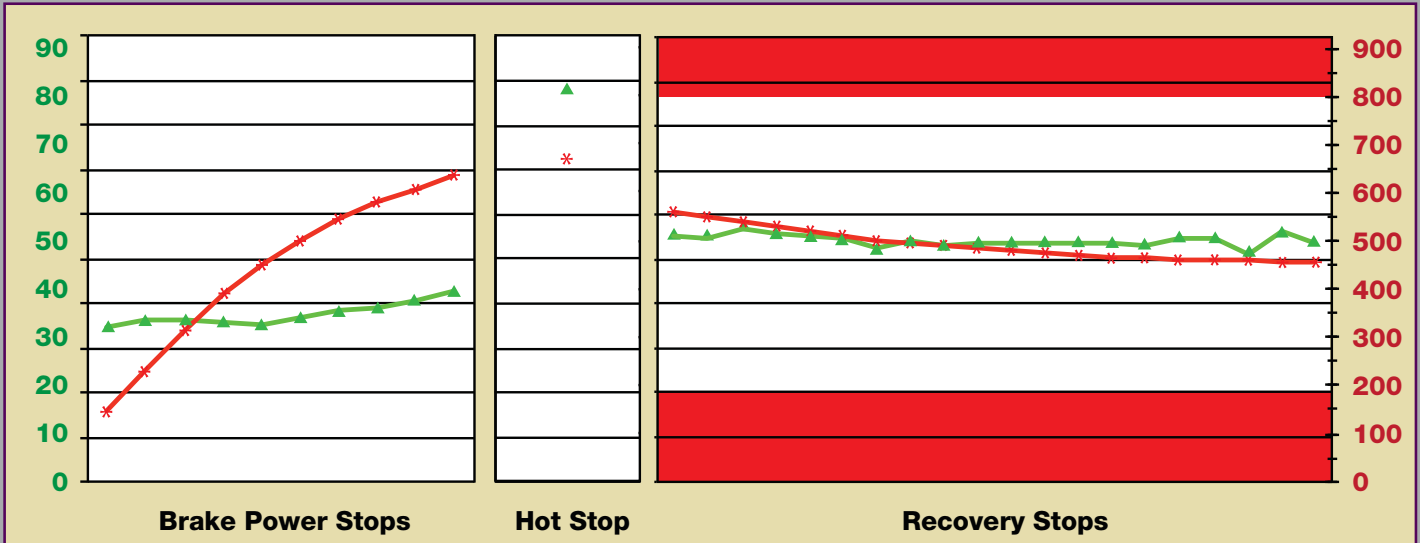
Silverback is committed to providing high-torque braking solutions that meet these new standards.

Using a combination of on-vehicle testing, FMVSS 121 testing and RSD-D testing, Silverback KXT brake pads show a laden stop distance of only 195 feet — **22% shorter than federal regulations!**

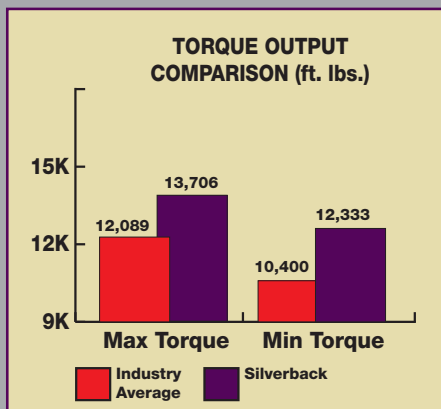
So you can depend on Silverback to deliver the stopping power you need, with the longevity you have come to expect.

Compliance Date	Vehicle Configuration	Gross Vehicle Weight Rating (lbs)	NEW Stop Distance Laden Unladen	Pre-2012 Stop Distance	Percentage Reduction
ALL	Buses	10,000+	280	280	Unchanged
Aug. 1, 2011	3 Axle Tractor	0-59,000	250 235	355 335	30%
Aug. 1, 2013	2 Axles	ALL	250 235	355 335	30%
		3 Axles	59,601-70,000	250 235	355 335
	70,001+		310	355	13%
	4 or more Axles	0-85,000	250	355	30%
		85,001+	310	355	13%

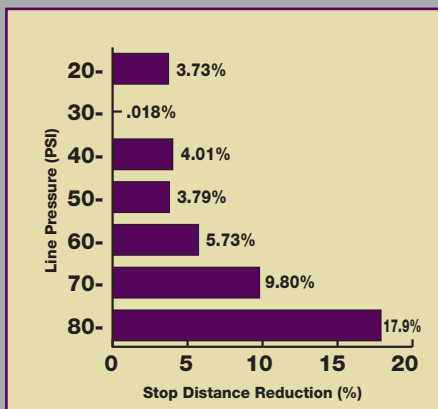
Silverback KXT Better Braking and Maintenance



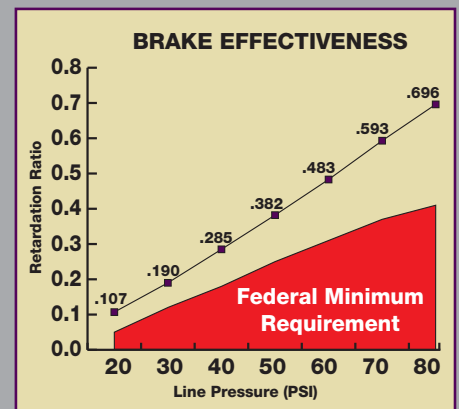
Silverback KXT Higher Torque = Safer Braking



Silverback KXT Aramid Fiber provides higher torque than industry average — up to 24% more! That means you have the torque you need for safer braking.

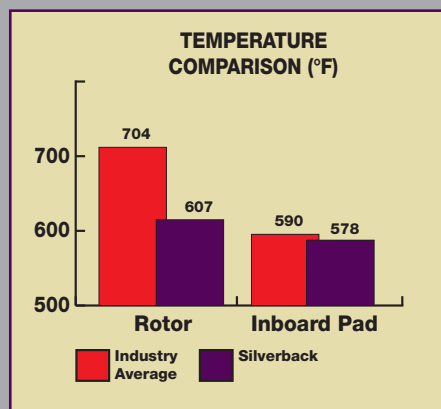


Silverback KXT Aramid Fiber consistently produces faster braking and shorter stop distances than industry average — as much as 18% shorter stopping!

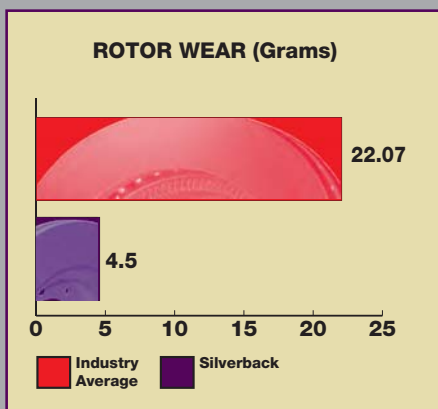


Silverback KXT Aramid Fiber demonstrates superior brake effectiveness in FMVSS 121 testing, exceeding federal standards.

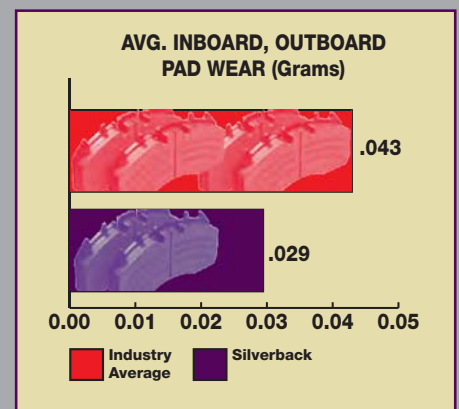
Silverback KXT = Lower Maintenance Costs



Silverback KXT air disc pads run cooler in FMVSS 121 testing. Rotor temps are nearly 100 degrees cooler.



Silverback KXT Aramid Fiber pads resulted in 80% LESS rotor wear than industry average in FMVSS 121 testing.



Silverback KXT Aramid Fiber pads lasted 30% LONGER than industry average in FMVSS 121 testing.

Silverback KXT is More Than Just Great Friction

Silverback KXT air disc pads are built with high quality Q235b steel backing plates to withstand more than 34,000 psi of yield strength.

To ensure the highest quality shear strength, every Silverback KXT Aramid Fiber air disc pad is built with our qual-

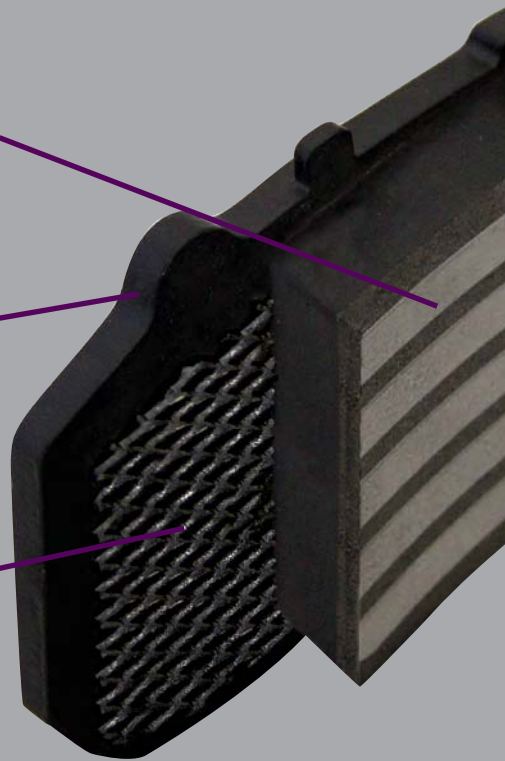
ity Reinforced Integrated Mesh (RIM) system.

Finally, every pad is finished with burnish strips that reduce NVH, and seat the pads to the rotor during burnishing.

Burnish Strips

OE-Grade Q235b backing plate

Reinforced Integrated Mesh



Complete With OE-Grade Hardware

Silverback KXT air disc hardware kits are built to the strictest OE standards to ensure proper pad and caliper function.

Inferior kits can cause loss of brake geometry. Use only Silverback Hardware with KXT air disc pads.

SILVERBACK KXT SPECS

GAWR	23,000
Friction Coefficient	FF (0.436 0.444)
Brake Chamber	T24"
AL Factor	NA
Rolling Radius	19.6"
RP628 equiv.*	74,208
HRS	63
Specific Gravity	3.1
Impact Force	TRS 3J/M
Normal Temp.	200-300°C
High Temp.	600°C
Testing:	FMVSS 121(d) Approved SAEJ661, *RP628 pending



- **KXT Aramid Fiber Xtra Torque friction**
- **Superior Stop Distances**
- **Runs Cooler**
- **Up to 30% Less Pad Wear**
- **Up to 80% Less Rotor Wear**
- **Complete with OE-Grade Hardware**
- **FMVSS121 Tested and Approved to Meet or Exceed Federal Stop Distance Requirements**

