

# BENDIX **COMMERCIAL VEHICLE**

HIGH PERFORMANCE SOLUTIONS ENGINEERED  
FOR HEAVY DUTY APPLICATIONS



[WWW.BENDIX.COM.AU](http://WWW.BENDIX.COM.AU)



*Put your foot down  
with confidence™*



*The Bendix Commercial Vehicle Range is now available, bringing advanced levels of performance and considerably longer life to pads, drums and rotors.*

### *Superior stopping power & improved durability.*

- Improved surface technology for better braking
- Resistance to high operating temperatures
- Reduced wear rates
- Quieter braking performance
- Comprehensive range across most applications
- Dependable and reliable performance
- Easy to install with no fuss
- Protects other brake components from wear
- Reduced replacement cycles - less vehicle downtime

## **IDENTIFYING BENDIX PART NUMBERS IS MADE EASY**



### **BENDIX COMMERCIAL VEHICLE DISC PADS**

1. Bendix part number
2. E-Mark regulation 90 approval
3. Batch code and process date



### **BENDIX COMMERCIAL VEHICLE BRAKE SHOES**

1. Bendix part number
2. Batch code and process date





# ENGINEERED EXCELLENCE

Bendix, is already a recognised leader in modern friction material technology, and therefore is well placed to draw on knowledge from its global partnerships to bring a new generation of technology to support a new generation of commercial vehicles.

Only a braking specialist like Bendix can develop superior pads designed for Australia's harsh road conditions and operating demands.

*Bendix are leaders in brake technology by providing:*



## OE LOGBOOK SERVICING

Bendix brake components are appropriate for the purpose intended and if installed by qualified staff, to the vehicle manufacturer's specifications, can be used in logbook servicing.



## LEADING TECHNOLOGY

Bendix technicians are dedicated to building more control, less noise and faster installation into every new product we create.



## THE BEST RANGE

Bendix brake products are designed and manufactured for local conditions. This ensures they are right for your truck whether it's a hard working commercial vehicle or load carrying semi-trailer.

# BENDIX COMMERCIAL VEHICLE DISC PADS



Heavy commercial vehicles travel on average 40,000 to 60,000 kilometres per year in Australia. The braking systems for these vehicles face demanding & severe operating conditions and hence need to perform consistently at their optimal best.

With the trend shifting to disc brakes, brake pads become the single biggest contributor in controlling the motion of these vehicles. Bendix Protrans disc pads continue to give you exceptional reliability and quality performance vital to your commercial vehicles.

Packed full of features Bendix Commercial Vehicle disc Brake Pads offer ECE R90 certification, premium friction materials, Titanium Bedding-in technology and all of the hardware you need for replacement.



## FEATURES:

**E-Mark regulation 90 approval**

**OE quality**

**Low pad wear**

**Comprehensive range**

**Hardware included**

## BENEFITS:

Proven performance testing

Low fade, safety and durability

Extended servicing intervals

Covers most popular applications

Ready to fit

***Bendix Commercial Vehicle disc pads are specified to deliver superior braking performance***

The ECE Regulation 90 specifies the design, construction, performance requirements and test protocols for strict European regulations. ECE R90 calls for brake pads to be tested for braking capabilities, speed sensitivity, cold performance, and may only deviate from the frictional characteristics of their original equipment counterparts by no more than 15%.

**When you fit Bendix Commercial Vehicle disc pads, you're fitting the highest quality brake pads engineered for optimum performance, braking durability and driving comfort.**





As more commercial vehicles switch to disc brakes, Bendix Protrans disc pads will bring fleet operators advanced levels of reliability, reduced noise and will offer competitive value on a cost per kilometre basis.



## SUPERIOR FRICTION STABILITY

Bendix Protrans disc pads have a strong, predictable friction level regardless of temperature, speed or axle load. This material is designed for harsh conditions and is validated to OE specification, for low wear and long life, particularly at high temperatures. The range includes references to cover most popular commercial vehicle applications.

MATERIAL REFERENCE	APPLICATION	COMPOSITION	FRICTION CLASSIFICATION	MAXIMUM CONTINUOUS WORKING TEMPERATURE
Protrans	Frequent braking environments, high speed, heavy traffic, steep gradients.	Semi-Metallic	GF	500°C

CVP NO.	INDUSTRY TRADE NO.	BENDIX MATERIAL NO.	COMMON APPLICATIONS
CVP013	29030	240010468	<b>Trucks:</b> MAN E2000 / F2000 / M2000; Renault Magnum / Major / Premium <b>Bus:</b> Mercedes Benz O404
CVP020	29087	240010469	<b>Trucks:</b> DAF CF75, CF85 Series; Iveco EuroCargo 180 E 28, Eurotech MT/MP; Mercedes Actros, Axor; Scania 4 Series <b>Bus:</b> Scania 4-Series, K-Series; Mercedes Benz Bus O500RF-3, OH1627, OH1728, OH1830, O500R, O500U
CVP023	29090	240000121	<b>Trucks:</b> Dennis Sabre Series; Renault Magnum AE Series; <b>Bus:</b> Volvo B7, B10B, B10L, B10BLE, B12; Dennis Dart
CVP024	29124	240010470	<b>Axles:</b> Meritor DX 195 LM Trailer Axles
CVP036	29093	240010473	<b>Trucks:</b> Iveco EuroCargo 150 E 18/24/28, 160 E 28 Tector; MAN M2000 Series; Mercedes Benz Atego Series <b>Bus:</b> Mercedes Benz O510 Bus (OH1228L) <b>Axles:</b> BPW SKH Axles, Eco Plus Axles; SAF Axles with Knorr SB6000
CVP037	29125	240010474	<b>Trucks:</b> Volvo FH / FM Series <b>Bus:</b> Volvo B9TL, B12
CVP088	29131	240010476	<b>Trucks:</b> Renault Magnum E Tech, Premium; MAN TGA Series
CVP090	29159	240010477	<b>Trucks:</b> DAF LF45 Series, LF55 Series <b>Axles:</b> Fuwa K-Hitch; SAF SK9019W, B9-19W, ZI9-19W; York 2980 - 3/2/7
CVP092	29165	240010478	<b>Axles:</b> BPW SKH Axles
CVP093	29307	240010479	<b>Axles:</b> BPW SH Series
CVP094	29171	240010480	<b>Axles:</b> BPW SH Series
CVP301	29162	240015514	<b>Axles:</b> SAF Axles B9, SI9, SI11, SKR, ZI9, ZI11 Series; York 2970 - 2/3, 2570, 2571, 2928 Axles
CVP303	29169	240010482	<b>Trucks:</b> Renault Magnum / Premium; Volvo FH 16 Series <b>Axles:</b> Meritor ELSA 195 TM / LM / LC Series
CVP304	29173	240010483	<b>Trucks:</b> Renault Magnum DXi12, DXi13; Volvo FL II / FL III Series
CVP305	29174	240010484	<b>Trucks:</b> Renault Magnum DXi12, DXi13, Premium Series; Volvo FE / FH12 / FH16 / FL II Series <b>Bus:</b> Volvo B10BLE, B12BL
CVP500	29246	240015599	<b>Trucks:</b> Mercedes Benz Actros MP4 Series, Econic 2 Series (Front)
CVP501	29244	240015600	<b>Trucks:</b> Mercedes Benz Actros MP4 Series, Econic 2 Series (Rear)
CVP503	29228	240015539	<b>Axles:</b> BPW SH / SMLL Series Axles
CVP1006	D1526-8734	240015601	<b>Trucks:</b> Scania K / T Series; Mack CH & CHR Series, Titan, Vision, Trident, Superliner & Granite
CVP1007	29331	240015602	<b>Trucks:</b> Scania 4, P,G,R,T Series <b>Bus:</b> Scania Bus 4, 94, K series; Irizar PB

# BENDIX COMMERCIAL VEHICLE BRAKE SHOE KITS

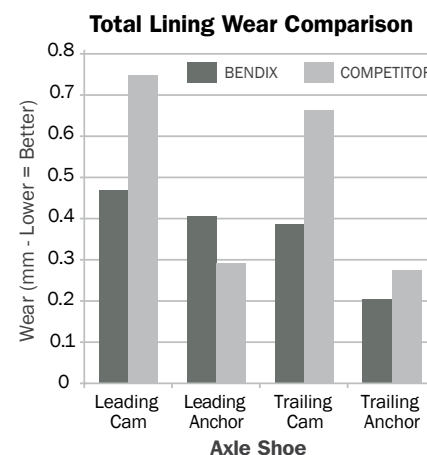
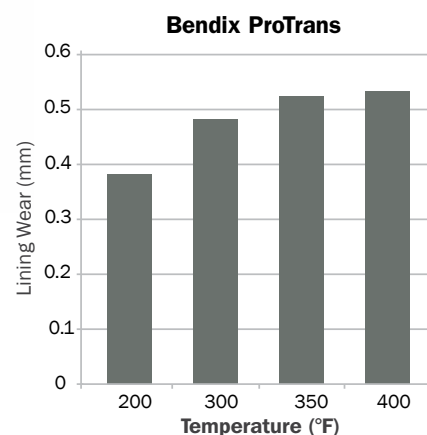


Tying up money in recycled exchange shoes has been either too expensive, is a poorer quality substitute or both! Bendix has a range of non-exchange brand new brake shoes consisting of OE quality shoes lined with long-lasting Protrans braking materials.

## STRENGTH & DURABILITY

With electro hardened journal ends to help reduce the wear rate. Electroplating and indented webbing provide additional strength, while steel rivets give greater reliability at high temperatures. Each shoe is radius ground after riveting or bonding to provide ease of fitment and optimum efficiency. Tests have shown that Bendix shoes will last as long or longer than OE. The range includes references to cover popular commercial vehicles.

FEATURES:	BENEFITS:
Electro hardened journal ends	Added stability
Indented webbing	Dependable and reliable
Steel rivets	Reduced shoe wear rates
Radius ground	Easy fit, no fuss
Hardware kits included	Ready to fit

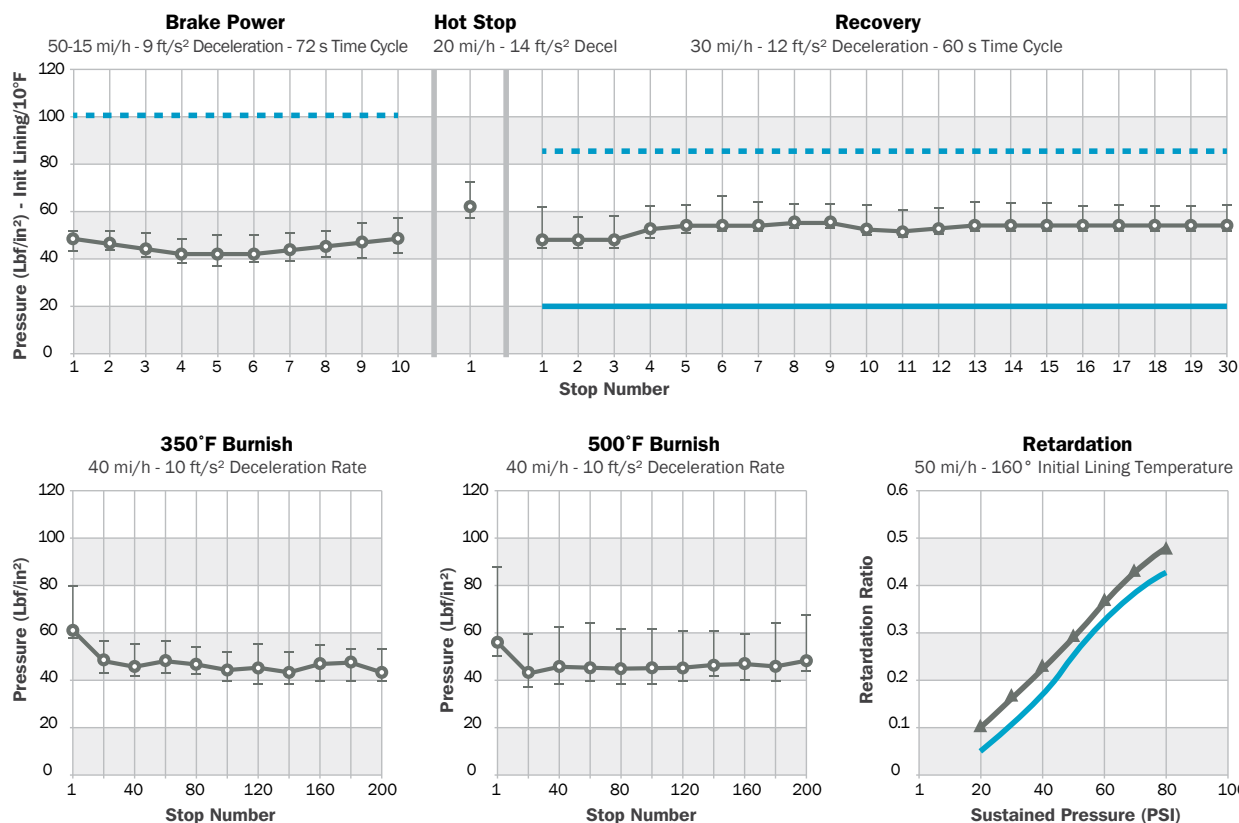


## HARDWARE KITS FOR BRAKE SHOES

Outstanding product performance and customer satisfaction require high quality accessory components. Bendix provides you with hardware kits to suit our brake shoe sets, with all the components you need, including the springs, pins, retainers and rollers. The range includes references to cover most popular commercial vehicles.

- **Reliable high quality components**
- **Covers most popular applications**





Minimum Limit  
 Maximum Limit  
 Retardation Level  
 Maximum, Average, Minimum Pressure

#### MATERIAL PROPERTIES

**Type** Non Asbestos Organic  
**Friction Rating (J661)** FF

#### TEST PARAMETERS

**Brake Configuration** 'S' cam  
**Brake Type (Part #)** 4515  
**Size** 16.5 x 7 inches (nominal)  
**Effective Radius** 8.25 inches (nominal)  
**Air Chamber** Type 30/30  
**Slack Adjuster Length** 5.5 inches  
**Adjustment** automatic  
**Drum Mass** 51.5 kg  
**Axle Load (GAWR)** 23000 lb

BENDIX MATERIAL NO.	PART DESCRIPTION	APPLICATION	
240010331	B4515 PT GPWW RIVETED K	16.5" X 7" P	MERITOR DRIVE "P"
240010332	B4515 PT QC RIVETED K	16.5" X 7" Q	MERITOR DRIVE "Q"
240010340	BBC/36 PT 95 RIVETED K	420mm X 180mm	BPW BRAKE 95 BC/36/1
240010339	BBC/36 PT NG RIVETED K	420mm X 180mm	BPW BRAKE NG BC/36/1
240013620	B4707 PT QP RIVETED K	16.5" X 7" Q PLUS	MERITOR DRIVE "QPLUS"
240013618	B4515 PT FRUEHAUF QC RIVETED K	16.5" X 7" Q	FRUEHAUF "QC"
240013619	B4515 PT FRUEHAUF RIVETED K	16.5" X 7"	FRUEHAUF
240013621	B4720 PT Q RIVETED K	16.5" X 5" Q PLUS	MERITOR STEER "QPLUS"
240014534	B4715 PT Q RIVETED K	16.5" X 6" Q PLUS	MERITOR STEER "QPLUS"
240013617	B4311 PT Q RIVETED K	16.5" X 7"	EATON DRIVE
240013622	BBC/100 PT 95 RIVETED K	360mm X 200mm	BPW LOW LOADER BBC100/101/1
240013634	B4709 PT ES2 RIVETED K	16.5" X 7"	EATON ESII DRIVE
240013635	B4711 PT Q RIVETED K	16.5" X 8 5/8" Q PLUS	HENDRICKSON INTRAX
240013633	BBC/36 PT SAF RIVETED K	420mm X 180mm	SAF BC/36/1



# BENDIX ANCILLARY SOLUTIONS

Also available from Bendix is the Ancillary Solutions range which is designed to complement the Commercial Vehicle products, offering you all you need to complete the perfect brake change.



## CERAMASIL BRAKE PARTS LUBRICANT

Specially formulated from pure synthetic base oils and treated with the latest rust, oxidation and anti-wear additives to provide lasting protection against friction, wear and corrosion.

PRODUCT	500mL
Part No.	BBL20
Weight	255g
Barcode	9316068403174



## DOT 3 & DOT 4 BRAKE FLUID

High performing Polyglycol type fluids engineered to optimise braking performance for specific applications. Both DOT 3 and DOT 4 fluids are suitable for hydraulic and conventional braking systems in automotive vehicles, meeting stringent Australian and U.S. specifications.

DOT 3	500mL	4L	20L Drum
Part No.	BBF3-500	BBF3-4L	BBF3-20L
Weight	500ml	4L	20L
Barcode	9316068403594	9316068405604	9316068403600

DOT 4	500mL	4L	20L Drum
Part No.	BBF4-500	BBF4-4L	BBF4-20L
Weight	500ml	4L	20L
Barcode	9316068403631	9316068405611	9316068403648



## BRAKE CLEANER & PARTS DEGREASER

A full strength cleaner and degreaser that safely and effectively removes brake fluid, grease, oil and other contaminants from brake and parts components. It can dissolve grease and grime without brake disassembly.

PRODUCT	Aerosol	Trade Drum	Pump Spray
Part No.	BBC4	BBC20	BBC1L-PUMP
Weight	400g	20L	1L
Barcode	9316068186053	9316068193686	9316068403655

**CHOOSE THE RIGHT PAD FOR YOUR VEHICLE ONLINE AT [BENDIX.COM.AU](http://BENDIX.COM.AU)**  
Or Freecall the Bendix Brake Advice Centre on **1800 819 666**

#### FOR MORE INFORMATION ABOUT THESE PRODUCTS

Freecall the Bendix Brake Advice Centre on  
**1800 819 666** (8am-5pm Monday to Friday EST)  
or **+61 3 5327 0211** from overseas.  
Visit our website [bendix.com.au](http://bendix.com.au) / [bendix.co.nz](http://bendix.co.nz) or  
email us, [brakeadvicecentre@bendix.com.au](mailto:brakeadvicecentre@bendix.com.au)

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