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
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 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.

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.

<table>
<thead>
<tr>
<th>FEATURES:</th>
<th>BENEFITS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-Mark regulation 90 approval</td>
<td>Proven performance testing</td>
</tr>
<tr>
<td>OE quality</td>
<td>Low fade, safety and durability</td>
</tr>
<tr>
<td>Low pad wear</td>
<td>Extended servicing intervals</td>
</tr>
<tr>
<td>Comprehensive range</td>
<td>Covers most popular applications</td>
</tr>
<tr>
<td>Hardware included</td>
<td>Ready to fit</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>MATERIAL REFERENCE</th>
<th>APPLICATION</th>
<th>COMPOSITION</th>
<th>FRICTION CLASSIFICATION</th>
<th>MAXIMUM CONTINUOUS WORKING TEMPERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protrans</td>
<td>Frequent braking environments, high speed, heavy traffic, steep gradients.</td>
<td>Semi-Metallic</td>
<td>GF</td>
<td>500°C</td>
</tr>
</tbody>
</table>

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**CVP NO.** | **INDUSTRY TRADE NO.** | **BENDIX MATERIAL NO.** | **COMMON APPLICATIONS** |
--- | --- | --- | --- |
CVP013 | 29030 | 240010468 | **Trucks**: MAN E2000 / F2000 / M2000; Renault Magnum / Major / Premium **Bus**: Mercedes Benz 0404 |
CVP020 | 29087 | 240010469 | **Trucks**: DAF CF75, CF85 Series; Iveco EuroCargo 180 E 28, Eurotech MT/MP; Mercedes Actros, Axor; Scania 4 Series **Bus**: Scania 4-Series, K-Series; Mercedes Benz Bus 0500RF-3, OH1627, OH1728, OH1830, 0500R, 0500U |
CVP023 | 29090 | 240000121 | **Trucks**: Dennis Sabre Series; Renault Magnum AE Series; **Bus**: Volvo B7, B10B, B10L, B10BLE, B12; Dennis Dart |
CVP024 | 29124 | 240010470 | **Axles**: Meritor DX 195 LM Trailer Axles |
CVP036 | 29093 | 240010473 | **Trucks**: Iveco Eurocargo 150 E 18/24/28, 160 E 28 Tector; MAN M2000 Series; Mercedes Benz Atego Series **Bus**: Mercedes Benz 0510 Bus (OH1228L) **Axles**: BPW SKH Axles, Eco Plus Axles; SAF Axles with Knorr SB6000 |
CVP037 | 29125 | 240010474 | **Trucks**: Volvo FH / FM Series **Bus**: Volvo B9TL, B12 |
CVP088 | 29131 | 240010476 | **Trucks**: Renault Magnum E Tech, Premium; MAN TGA Series |
CVP092 | 29165 | 240010478 | **Axles**: BPW SKH Axles |
CVP093 | 29307 | 240010479 | **Axles**: BPW SH Series |
CVP094 | 29171 | 240010480 | **Axles**: BPW SH Series |
CVP301 | 29162 | 240015514 | **Axles**: SAF Axles B9, S19, S11, SKR, Z19, Z11 Series; York 2970 - 2/3, 2570, 2571, 2928 Axles |
CVP303 | 29169 | 240010482 | **Trucks**: Renault Magnum / Premium; Volvo FH 16 Series **Axles**: Mentor ELSA 195 TM / LM / LC Series |
CVP304 | 29173 | 240010483 | **Trucks**: Renault Magnum DK12, DX13; Volvo FL II / FL III Series |
CVP305 | 29174 | 240010484 | **Trucks**: Renault Magnum DK12, DX13, Premium Series; Volvo FE / FH12 / FH16 / FL II Series **Bus**: Volvo B10BLE, B12BL |
CVP500 | 29246 | 240015599 | **Trucks**: Mercedes Benz Actros MP4 Series, Econic 2 Series (Front) |
CVP501 | 29244 | 240015600 | **Trucks**: Mercedes Benz Actros MP4 Series, Econic 2 Series (Rear) |
CVP503 | 29228 | 240015539 | **Axles**: BPW SH / SMLL Series Axles |
CVP1006 | D1526-8734 | 240015601 | **Trucks**: Scania K / T Series; Mack CH & CHR Series, Titan, Vision, Trident, Superliner & Granite |
CVP1007 | 29331 | 240015602 | **Trucks**: Scania 4, P/G/R/T Series **Bus**: Scania Bus 4, 94, K series; Intizar PB |
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.

<table>
<thead>
<tr>
<th>FEATURES:</th>
<th>BENEFITS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electro hardened journal ends</td>
<td>Added stability</td>
</tr>
<tr>
<td>Indented webbing</td>
<td>Dependable and reliable</td>
</tr>
<tr>
<td>Steel rivets</td>
<td>Reduced shoe wear rates</td>
</tr>
<tr>
<td>Radius ground</td>
<td>Easy fit, no fuss</td>
</tr>
<tr>
<td>Hardware kits included</td>
<td>Ready to fit</td>
</tr>
</tbody>
</table>

**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
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 ESI 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

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 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.

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>500mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
<td>BBL20</td>
</tr>
<tr>
<td>Weight</td>
<td>255g</td>
</tr>
<tr>
<td>Barcode</td>
<td>9316088403174</td>
</tr>
</tbody>
</table>

**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**
- Part No. BBF3-500
- Weight 500ml
- Barcode 9316068403594

**DOT 4**
- Part No. BBF4-500
- Weight 500ml
- Barcode 9316068403631

**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.

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>Aerosol</th>
<th>Trade Drum</th>
<th>Pump Spray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
<td>BBC4</td>
<td>BBC20</td>
<td>BBC1L-PUMP</td>
</tr>
<tr>
<td>Weight</td>
<td>400g</td>
<td>20L</td>
<td>1L</td>
</tr>
<tr>
<td>Barcode</td>
<td>9316068186053</td>
<td>9316068193686</td>
<td>9316068403655</td>
</tr>
</tbody>
</table>

**CHOOSE THE RIGHT PAD FOR YOUR VEHICLE ONLINE AT** 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-6pm Monday to Friday EST) or +61 3 5327 0211 from overseas. Visit our website bendix.com.au / bendix.co.nz or email us, brakeadvicecentre@bendix.com.au

*Put your foot down with confidence*