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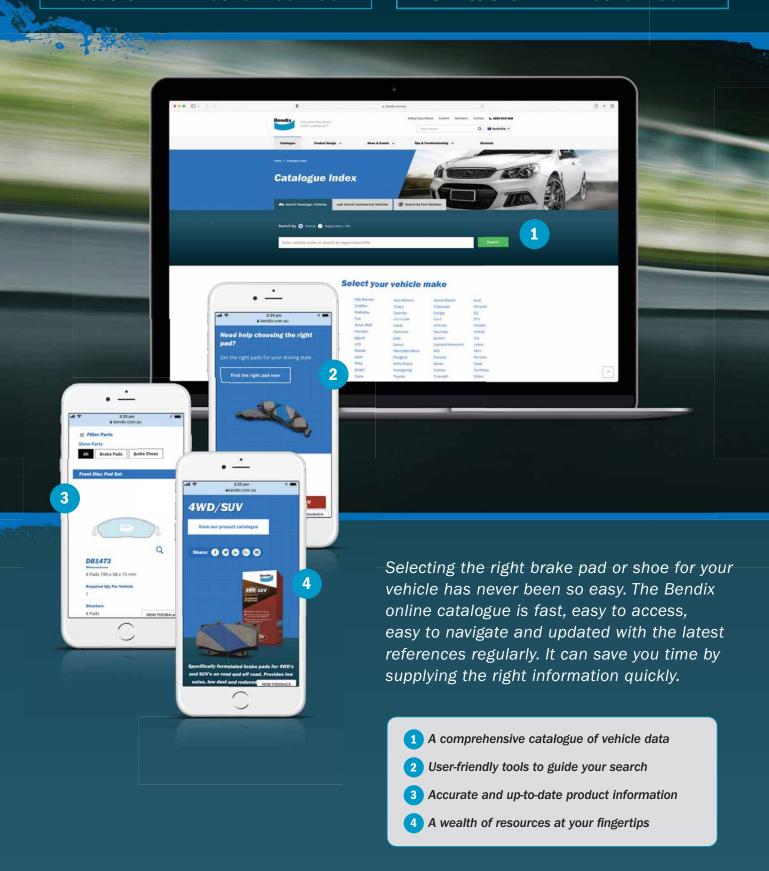


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CHOOSE THE RIGHT BRAKE PADTO SUIT YOUR VEHICLE ONLINE AT:

Australia - www.bendix.com.au

New Zealand - www.bendix.co.nz



TECHNOLOGY & INNOVATION IN EVERY STOP.





advanced braking solutions.



Leading Technologies

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



Huge Range

Bendix brake pads are right for your vehicle whether it's an everyday passenger car, an SUV, a high performance car or a load carrying commercial vehicle.

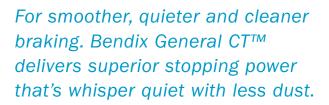


Quality Products

Bendix has gained a reputation for manufacturing, marketing and distributing quality products with high levels of customer service.















Bendix

Features

STEALTH Advanced Technology*			
Ceramic technology			
Blue Titanium Stripe			
Noise dampening shims			
Vibration and harshness control			
Designed for passenger vehicles			
Brake wear indicator			

Benefits

Whisper quiet braking. Silky smooth operation. Noticeably less dust. Improved stopping performance, low dust, low rotor wear, enhanced durability.

No bedding-in required. Improved pedal feel from the first stop.

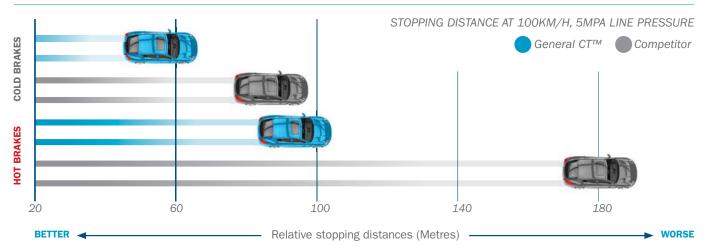
Reduced transmission of vibration and noise from the brake pad.

Product engineered and tested to eliminate noise and vibration.

Specifically suited for general purpose usage, and by vehicle type.

It's now easy to see when to change brake pads.

Sure Stopping, Straight Out of the Box



^{*}Not applicable to some references



Features

Comprehensive kit
Reduced dust for cleaner braking
Blue Titanium Stripe
Vibration and harshness control
Designed for European vehicles
Noise dampening shims
Brake wear indicator
Meets ECE regulation 90

Benefits

Includes all clips, pads, shims, sensors and more for a full service.

Keeps the vehicle wheels looking clean and bright for longer.

No bedding in required. Improved pedal feel from the first stop.

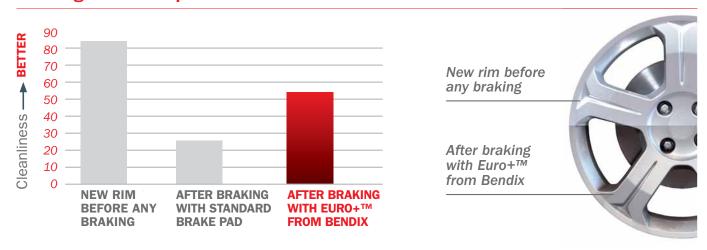
Consistent, safe and quiet braking, long running performance without fading. Innovative technology and the quality required to produce Euro+ brake pads.

Reduced transmission of vibration and noise from the brake pad.

It's now easy to see when to change brake pads.

Quality brake pads specifically designed for European vehicles and engineered for optimum performance, braking synergy and driving comfort.

Rim Brightness Comparison



EV HYBRID

Low Environmental Impact

Low Dust, Low Noise

Formulated for EVs and Hybrids

Specifically engineered for EV and Hybrid Vehicles, Bendix EV-Hybrid™ Disc Brake Pads use the latest Ceramic technology to meet the changing needs of EV braking systems.





Features

Environmentally friendly

Low emissions

Suits electric & hybrid vehicles

Benefits

Organic brake friction materials for minimal environmental impact.

DISC BRAKE PADS

Low particle emissions delivers clean wheels & long disc life.

Designed specifically for quiet operation & low noise.



Why EV-Hybrid™ Brake Pads?

- EV and Hybrid vehicles are heavier than an equivalent passenger vehicle, so the brake components need to cater for the heavier vehicle to maintain braking stability.
- EV and Hybrid vehicles use regenerative and friction to stop the vehicle, so the dynamic friction properties are tuned differently to those of standard brake pads.
- EV and Hybrid brake pads need to manage disc brake rotor corrosion, due to the friction brake pads being used less, frequently due to regenerative braking, the EV-Hybrid™ brake pads maintain a transfer film on the disc brake rotor that prevents corrosion and ensures consistent braking in specific conditions.



For tougher driving and quieter braking. Across Australia or around the block, wherever they go, they get the job done brilliantly.







EPR

Blue Titanium Stripe

Noise dampening shims

Designed for 4WD vehicles

Brake wear indicator

Benefits

Increased material strength under extreme conditions.

No bedding-in required. Improved pedal feel from the first stop.

Reduced transmission of vibration and noise from the brake pad.

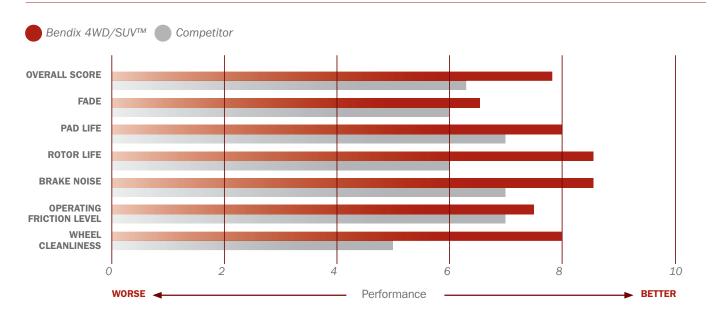
Bendix

4WD SUV

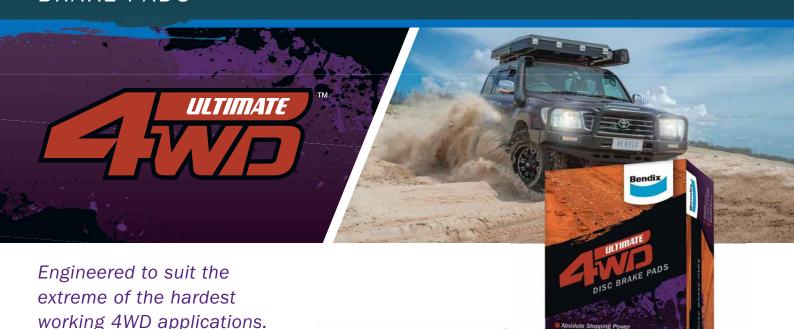
Material is matched to the vehicle type for optimum performance.

It's now easy to see when to change brake pads.

Performance Comparison Chart



BRAKE PADS





Features

Ceramic material

Mechanical Retention System backing plate

Designed for slotted rotors

Benefits

Low Dust, Low Noise, while providing high temperature stability and excellent fade resistance

MRS technology used in commercial vehicle brake pads, for improved pad attachment strength, for heavy duty operating conditions.

Works best with slotted rotors, delivers confident stopping in all conditions.

High-tech formulation

Ultimate 4WD™ Disc Brake Pads are engineered to partner slotted rotors, are manufactured with Bendix premium Mechanical Retention System (MRS) with our newest, most high-tech ceramic formulation, and they provide a low dust and low noise user experience with Bendix's highest performance specialised 4WD brake pad system.





Ready to work harder, cooler and longer. For customers who demand more from their vehicles every day, these pads work as hard as they do.





Features

INSULayer

Blue Titanium Stripe

Noise dampening shims

Designed for hard working vehicles

Brake wear indicator

Benefits

Longer pad life, improved fade and improved rotor life.

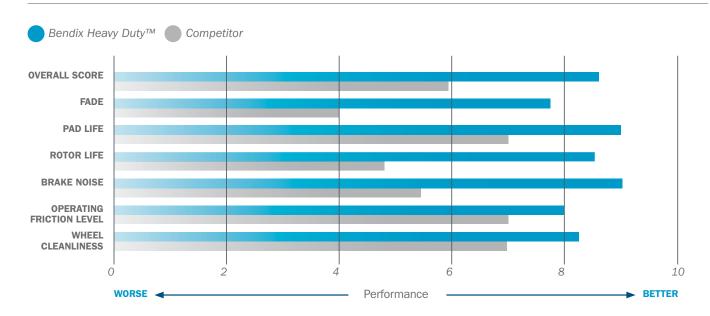
No bedding-in required. Improved pedal feel from the first stop.

Reduced transmission of vibration and noise from the brake pad.

Great for towing, courier vans, taxis and heavier vehicles.

It's now easy to see when to change brake pads.

Performance Comparison Chart



Bendix

HEAVY DUTY





Features

Ceramic Material

Designed for Slotted Rotors

Benefits

Low dust, low noise. High temperature stability. Excellent fade resistance. Works best with slotted rotors. Confident stopping in all conditions.

High performance comparison chart



BENDIX ULTIMATE+™



HIGH PERFORMANCE COMPETITOR 2

BENDIX ULTIMATE™



Noise rating of the material **LOWER IS BETTER**



Performance in most driving conditions HIGHER IS BETTER



The amount of friction loss when the pad is hot HIGHER IS BETTER



High speed friction HIGHER IS BETTER



When the brake is cold HIGHER IS BETTER



The amount the pad wears the disc LOWER IS BETTER



How long will the pads last HIGHER IS BETTER



The amount of dust on the wheels

LOWER IS BETTER



For enthusiasts and extreme performance. Developed with the latest technology and extensively tested under extreme conditions.



Features

Heat resistant material

High performance friction material

Stability of brake race materials

Fast response

Race performance compound

Noise dampening shims

Continuous hard braking with low fade.

optimum reliability.

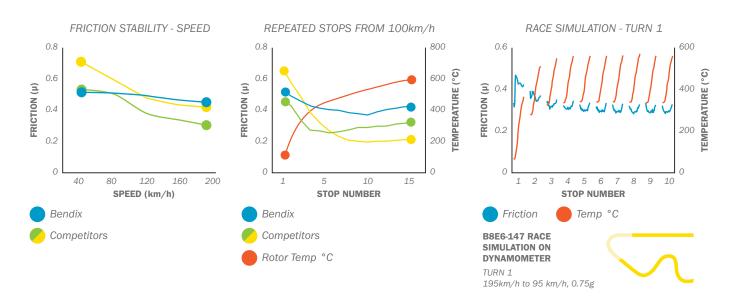
Stable friction throughout the stop at all temperatures.

Brake late with absolute braking control and confidence.

Lap after lap of hot, hard, last second braking at the track.

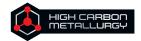
Quieter braking performance and minimal vibration.

Confidence for the Street, Road & Track





Bendix Euro+™ disc brake rotors offer the very latest in braking technology and manufacturing processes and are specifically designed for European vehicles.







Features

Benefits

High Carbon Metallurgy

Quality straight from the casting thanks to proven High Carbon Metallurgy, provides improved thermal stability & conductivity, and reduces the chance of warping when very hot.

EURO

Disc Brake Rotal

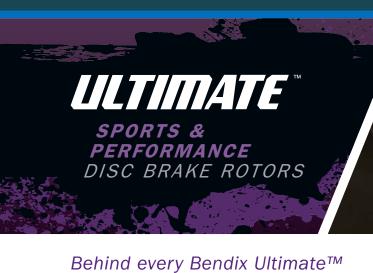
SwiftFit Coating

Faster installation SwiftFit coating for fitting without pre-cleaning, with corrosion inhibitors for a great look and will not degrade over time.

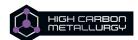
E+ Original Equipment Fit

Specifies design, construction, performance requirements and test protocols to strict European regulations.





Behind every Bendix Ultimate™ disc brake rotor lies OE expertise, leading technology and precision engineering so you can put your foot down with confidence.™



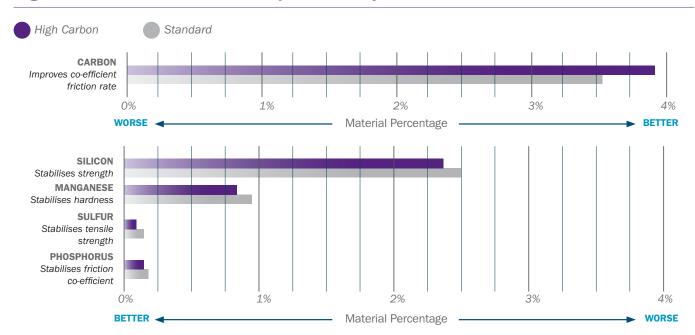




ULTIMATE

Features	Benefits		
Diamond Tip Slot	Allows gasses to escape in heavy duty driving, delivering consistent output. Better self cleaning for off road conditions.		
High Carbon Metallurgy	Noise damping, thermal conductivity, improved durability and increases brake performance & stopping power.		
SwiftFit	Protective zinc coating which is ready to fit.		
Pillar Construction	Improved thermal stability.		

High Carbon vs Standard Rotors Spectral Analysis





Robust, higher strength and wear resistant disc brake rotors for increased brake performance & stopping power.

DISC BRAKE ROTORS









4WD Metallurgy

Diamond Tip Slot

SwiftFit

Pillar Construction

Benefits

G3000 disc brake rotor manufactured using SAE J431 material standards, robust, higher strength, wear resistance for durability in all conditions. Designed to withstand the demanding punishment that your 4WD dishes out.

Allows gasses to escape in heavy duty driving, delivering consistent output. Better self cleaning for off road conditions.

Protective zinc coating which is ready to fit.

Improved thermal stability.

Ultimate 4WD™ Disc Brake Rotors

Ultimate 4WD™ Disc Brake Rotors are manufactured to the highest level of precision engineering based on OEM specifications and incorporate innovative technology such as 4WD Metallurgy for increased braking performance plus special diamond tip slots and a special bi-directional pillar design to quickly and efficiently expel gases, water, dust and grit. Together this provides the driver with absolute control when braking in extreme conditions with instant response and even friction.



BRAKE SHOES



Bendix brake shoes are the all-round performer that are triple tested for proven results.



Features

Semi-metallic formulation

Low noise and dust

Triple tested quality

Stable friction performance at high temperatures

Superior strength bonding

Designed and tested for all road conditions and locally driven cars

Shear tested

Benefits

Extended drum and wear life.

No comebacks. Quieter and cleaner operation.

Extended wear life and gentle on drums.

Exceptional wear rates and stopping power in all conditions.

For rugged toughness and enhanced durability.

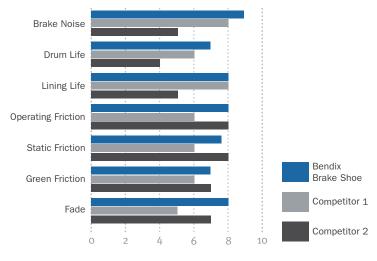
Accurate vehicle fitment.

Fail safe.

Bendix brake shoes are a quiet achiever

PERFORMANCE COMPARISON CHART

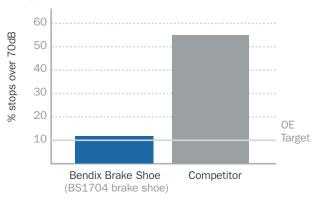
Rating (Higher = Better)



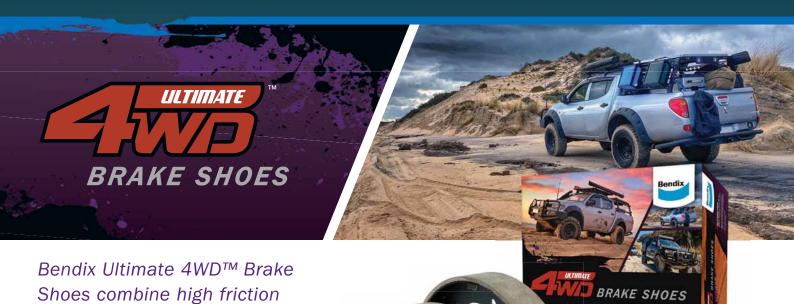
NOISE TEST GRAPH

Bendix Brake Shoes provided a lower noise result when compared to other competitors. B8E6-170 noise test, based on % stops over 70dB ("70dB at brake = audible cabin noise)

Rating (Lower = Better)



BRAKE SHOES • BRAKE DRUMS



Features

GG Friction Rated

Black Painted Steel Shoe

capabilities with corrosion

resistance for superior stopping power, reliability and durability.

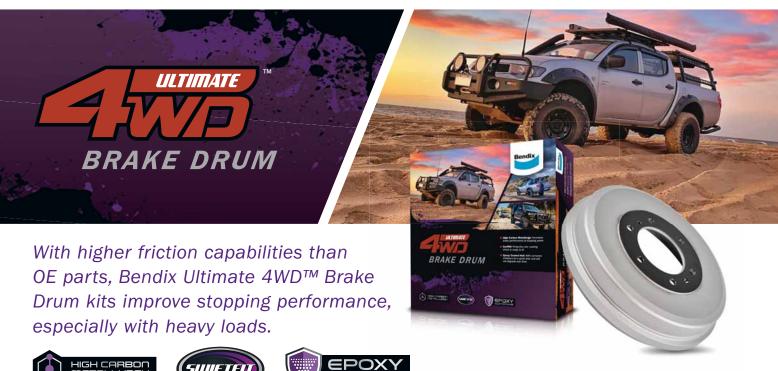
Built Tough

Benefits

Higher friction than OE for better stopping performance.

Improved corrosion resistance.

Superior strength and durability.









Features

High Carbon Metallurgy

SwiftFit

Epoxy Coated Hub

Benefits

Increases brake performance & stopping power.

Protective zinc coating which is ready to fit.

With corrosion inhibitors for a great look and will not degrade over time.



Features

Braided line with protection sleeve Meets SAE J1401

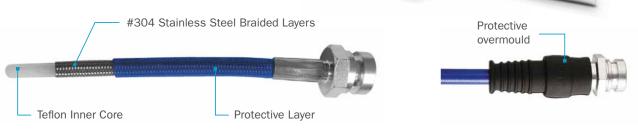
feel and feedback.

vastly improved brake pedal

Benefits

Delivers a firm brake pedal, that won't over expand under high pressure. Compliant to international design standards, won't affect warranty.

Bendix Ultimate 4WD™
Brake Hoses are available for standard ride height and longer lengths, for vehicles with raised suspension.



BRAKE UPGRADE KITS



Bendix Ultimate+ $^{\text{TM}}$ Performance Brake Upgrade Kits are available for popular sports & performance cars. Featuring advanced brake pads and disc brake rotors, braided lines and a host of ancillary items.

Front Kit Contents

- 2 × Ultimate[™] Disc Brake Rotors
- 1 x Set of Ultimate+™ Disc Brake Pads
- 1 × Vehicle Set of Ultimate+™ Brake Hoses
- · 1-Litre Brake Fluid
- 1 × Can Bendix Cleanup
- 1 × Tube Ceramasil™ Brake Parts Lubricant
- 1 × 60-Litre Bendix Icebox

Rear Kit Contents

- 2 × Ultimate™ Disc Brake Rotors
- 1 × Set of Ultimate+™ Disc Brake Pads

NOTE: Images for illustration purposes only. Contents may vary.







The comprehensive kit includes specially compounded high performance ceramic material brake pads for increased stopping power in extreme conditions plus the latest Bendix Ultimate $4WD^{\text{TM}}$ Disc Brake Rotors designed and developed specifically for Australia's demanding conditions.

Front Kit Contents

- · 2 × Ultimate 4WD™ Disc Brake Rotors
- 1 x Set of Ultimate 4WD™ Disc Brake Pads
- 1 × Vehicle Set of Ultimate 4WD™ Brake Hoses
- · 1-Litre Heavy Duty Brake Fluid
- 1 × Can Bendix Cleanup
- 1 × Tube Ceramasil™ Brake Parts Lubricant
- · Bendix rotor wipes
- 1 × 60-Litre Bendix Icebox

UPGRADED ANNITO DE LA CONTRACTOR DE LA C

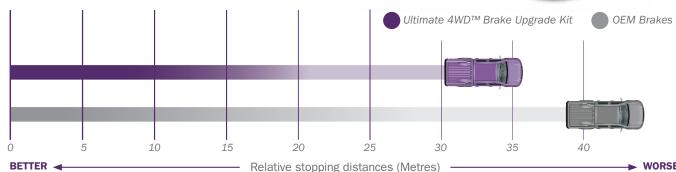
Rear Kit Contents

- · 2 × Ultimate 4WD™ Disc Brake Rotors
- 1 × Set of Ultimate 4WD™ Disc Brake Pads
- 1 × Can Bendix Cleanup
- · Bendix rotor wipes
- \cdot 1 imes HD touring case

NOTE: Images for illustration purposes only. Contents may vary.

akes

Ultimate 4WD Brake Upgrade Kit vs 0EM Brakes



NOTE: Varies per vehicle, load carried and road conditions.



Bendix Ultimate $4WD^{TM}$ Big Brake Upgrade Kits are available for selected 4WD wagons and dual cab utes. Featuring advanced brake pads, disc brake rotors, calipers, braided lines and a host of ancillary items, you can work, explore or tow knowing that you can stop safely with Bendix.

Front Kit Contents

- · 2 × Ultimate 4WD™ Disc Brake Rotors
- 1 Set × Ultimate 4WD™ Disc Brake Pads
- · 2 × Bendix 6-Piston Monoblock Calipers
- · Bracket Mounting Kit
- 1 Front Set × Ultimate 4WD™ Brake Hoses
- · 1-Litre Heavy Duty Brake Fluid
- ADR Certification
- 1 × Can Bendix Cleanup
- 1 × Tube Ceramasil™ Brake Parts Lubricant
- 1 × 60-Litre Bendix Icebox

UP GRADED Bendix

Rear Kit Contents

- · 2 × Ultimate 4WD™ Disc Brake Rotors
- 1 Set × Ultimate 4WD™ Disc Brake Pads
- · 2 × Bendix Calipers
- Bracket Mounting Kit
- · Park Brake Mechanism
- 1 Rear Set × Ultimate 4WD™ Brake Hoses
- · 1-Litre Heavy Duty Brake Fluid
- · ADR Certification
- 1 × Can Bendix Cleanup
- 1 × Tube Ceramasil™ Brake Parts Lubricant
- 1 × 60-Litre Bendix Icebox



NOTE: Images for illustration purposes only. Contents may vary.



Ford Ranger Stopping Distance Data 80-0 km/h



NOTE: Varies per vehicle, load carried and road conditions.

Why do the brake upgrade?

- 4x4 ute's brakes are smaller dimensioned to many of the family cars and SUVs.
- Once additional accessories and load is added, braking performance deteriorates further. It is not uncommon to see 400+ kgs of additional accessories added to the base vehicle (i.e. bull bar, winch ,lights, roof-rack, fridges, camping equipment, etc).
- Larger diameter tyres also detract from the vehicles braking performance.



OE Disc Brake Rotor & Caliper



BENDIX ULTIMATE 4WD™ BIG BRAKE UPGRADE KIT Front Disc Brake Rotor & Caliper

Drum to Disc conversion: How Does it work?

The Ultimate 4WD™ Big Brake Upgrade Kit (Rear Kit) comes with a full drum to disc conversion kit.

The conversion kit removes all OE drum assembly and replaces it with the brake disc and hydraulic caliper.

The kit also contains a replacement park brake mechanism within the drum that is operated by the OE park brake cable.

The installation of the kit requires the removal of all components from the vehicle axles. This is why the kit comes complete with replacement bearings and seals (ABS rings and collars in some kits).



OE Drum Brake



BENDIX ULTIMATE 4WD™ BIG BRAKE UPGRADE KIT Rear Disc Brake Rotor & Caliper





Features Benefits

technology and is ADR compliant.

Partner with Bendix Ultimate 4WD™ Brake Upgrade Kit	Improved Brake performance for your 4x4.
Dual Diaphragm	Reduce Pedal effort and improve braking performance.
Bolt in replacement	Installation instructions included.
ADR Certification details included	All information required for Engineering/Transport Authority.

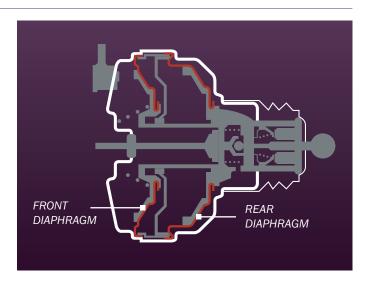
Dual Diaphragm Booster: How Does it work?

The level of assistance can be increased (effort required to press the pedal reduced), by either:

- · Increasing the area of rubber diaphragm
- Increasing the pressure differential (vacuum pressure)

The Bendix Ultimate 4WD™ Brake Booster Upgrade uses dual (tandem) rubber diaphragms to effectively double the diaphragm surface area without significantly increasing the size of the canister.

This allows the Bendix Ultimate 4WD™ Brake Booster Upgrade to be a 'bolt-in' replacement for OE brake boosters.





Bendix Ultimate 4WD™
Brake Drum Upgrade Kits
are available for popular
4WD wagons and dual cab
utes. Featuring advanced
brake drums and brake shoe
kit and ancillary items.



Kit Contents

- 2 × Ultimate 4WD $^{\text{TM}}$ Brake Drums
- 1 × Ultimate 4WD™ Brake Shoe Kit
- 1 × Can Bendix Cleanup

NOTE: Images for illustration purposes only. Contents may vary.



ELECTRONIC BRAKE CONTROLLER



when the road ahead is all you can think about, place your trust in the Bendix Ultimate Tow™ Electric Brake Controller. The Ultimate Tow™ uses its own unique braking algorithm which provides total control, comfort, and reliability even in the toughest of Australian conditions.

Features

Easy install

Compact remote head

OEM-style dial with built-in LED

Open circuit and trailer

disconnection indicator

Compact & rugged aluminium case

for heat dissipation

3-year warranty

ALKO ESC Compatible

Benefits

With easy installation, your unit can be installed with just one hole.

The remote head can fit in the smallest of knock-out panels in your vehicle.

Slim-line, OEM look with a built-in LED.

The Ultimate Tow™ allows you to adjust your braking force and operate the override function with ease

override function with ease.

Manufactured with a rugged cast alloy enclosure, the Ultimate TowTM

Manufactured with a rugged cast alloy enclosure, the Ultimate Tow[™] controller is dust and moisture resistant so that even in the harshest braking conditions heat is dissipated efficiently so you can keep going.

Simply wire it up and hit the road, worry free.

Brake with confidence knowing your Ultimate Tow™ is ALKO ESC compatible.



WEAR SENSOR

FOR DISC BRAKE PADS

Electronic Brake Wear Sensors are an added safety feature on many vehicles used to warn a vehicle's driver when their brake pads are at the end of their service life.



- Brake wear is monitored and warns the driver when replacement pads are needed
- · OE quality design
- · Over 1000+ vehicle applications

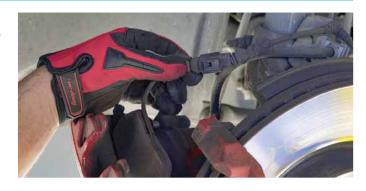
Direct OE Replacement

Bendix's range of Electronic Brake Wear Sensors are designed to be a direct OE replacement and cover over 900 applications.



Improved Driver Safety

Electronic Brake Wear Sensors are mounted on the brake pad on any combination of the four wheels, and may have sensors on 1 to 4 corners of the vehicle. When the brake pad wears and the Electronic Brake wear sensor makes contact with the rotor, a warning is given, usually in the form of a light on the vehicles dashboard.







Edge Branding

The Bendix branding mark now appears on the side of the brake pad, so that all relevant information stays clearer for longer. The information will not get rubbed off by the caliper, making the process of identifying a brake pad coming off a vehicle so much easier.

Brake Wear Indicator

Using the Bendix Brake Wear Indicator, it's now easy to see when to change brake pads, and your customers will appreciate the definitive evidence that replacement is necessary.





Bendix technologies are dedicated to building a full range of braking solutions into every new brake pad we create.



STEALTH Advanced Technology

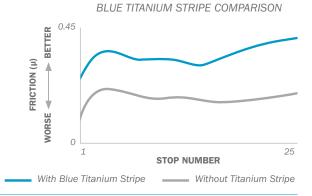
- · Whisper quiet braking
- Noise and vibration virtually eliminated
- · Silky smooth operation
- · Noticeably less dust

DYNAMOMETER TEST RESULTS 100 WORSE 80 STOPS (%) 60 40 20 0 DB1332 DB1332 DB1332 General GT General CT™ with STEALTH Technology Competitor 10% Stops > 70dB

GENERAL CT GENERAL CT THE STRIPE NO BEDDING-IN

Blue Titanium Stripe

- Blue Titanium Stripe requires no bedding-in
- Saves you time and money in your workshop
- Delivers stopping power straight out of the box



GENERAL CT OF FINE BUTCH CT STATE A STANDAR MINISTRATION OF THE STANDARD CT OF THE STANDARD MINISTRATION OF THE STANDARD CT OF THE STANDARD CT SURE STOPPING

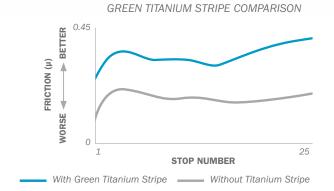
Ceramic Technology

- · Consistent pedal feel
- Enhanced durability & high fade resistance
- · Reduced noise & vibration
- · Minimal dust
- · OEM replacement quality



Green Titanium Stripe

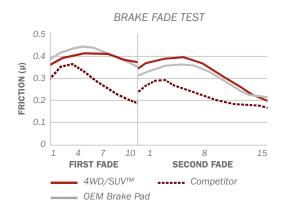
- Green Titanium Stripe requires no bedding-in
- Saves you time and money in your workshop
- Delivers stopping power straight out of the box



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EPR

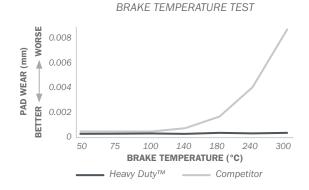
- · Superior control, extended life
- Enhanced braking performance for 4WDs
- Excellent longevity in adverse conditions
- · Not harsh on rotors
- · OEM replacement quality





INSULayer

- Works harder, cooler and longer
- Positive pedal feel at high temperatures
- · Hard-working performance
- · For all sorts of carrying situations
- · OEM replacement quality

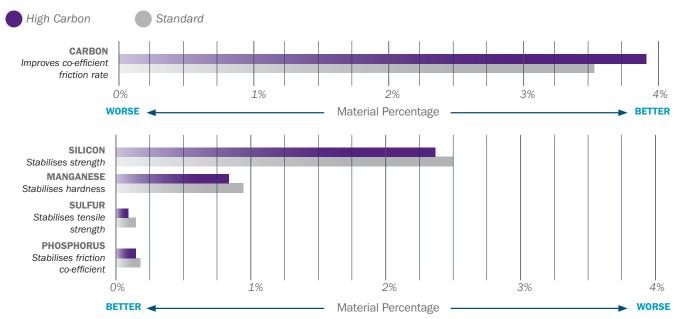






High Carbon Metallurgy

- · Improved heat dissipation.
- Noise dampening characteristics
- Smoother braking feel
- Higher thermal conductivity removes heat faster, reducing fade.
- Maximizes pad to rotor contact for stronger initial bite
- Enhanced iron provides better noise suppression for reduced NVH





SwiftFit

- · No cleaning required before fitting
- · No corrosion
- Unlimited shelf life due to SwiftFit surface protection
- · No vibration caused by corrosion



Diamond Tip Slot

- · Performance improvement & fade
- · Reduction de-gas through dimples
- · Slots clean pad & face de glaze
- True one rotor fits both sides (bi-directional)
- Diamond tip increases pad bite & self cleans
- · Great pedal feel for instant response
- Dimpled pattern resists cracking seen on cross drilled rotors
- Even friction for steady braking experience
- Quiet mirrored curved X slot design



4WD Metallurgy

 G3000 disc brake rotor manufactured using SAE J431 material standards, robust, higher strength, wear resistance for durability in all conditions. Designed to withstand the demanding punishment that your 4WD dishes out



Epoxy Coated Hub

• With corrosion inhibitors for a great look and will not degrade over time.



Dual Diaphragm

- The Bendix Ultimate 4WD™ Brake Booster Upgrade uses dual (tandem) rubber diaphragms to effectively double the diaphragm surface area without significantly increasing the size of the canister.
- This allows the Bendix Ultimate 4WD™ Brake Booster Upgrade to be a 'bolt-in' replacement for OE brake boosters.





To combat the extreme pressures that heavy duty vehicles such as Cement Agitators, Garbage Compactors or City Route buses are exposed to, Bendix has created Bendix Protrans™HD.



Features

ECE Regulation 90 (ECE-R90) approval
OE quality
Low pad wear
Comprehensive range
Hardware included

Benefits

Proven performance testing

Low fade, safety and durability

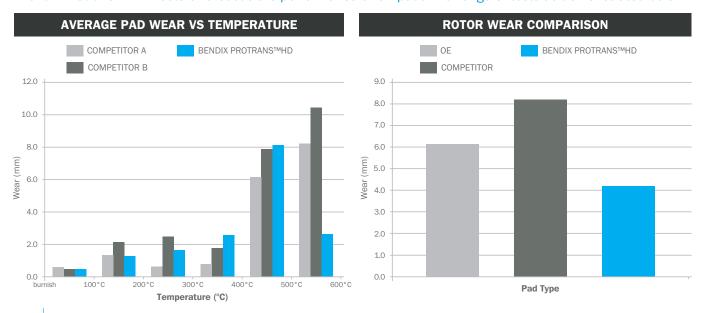
Extended servicing intervals

Covers most popular applications

Ready to fit

Protrans™HD Disc Brake Pad performance tests

Bendix Protrans™HD meets or exceeds the performance of OE pads in a range of tests as demonstrated below.



PROTRANS COMMERCIAL VEHICLE DISC BRAKE 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.

Features

ECE Regulation 90 (ECE-R90) approval

OE quality

Low pad wear

Comprehensive range

Hardware included

Benefits

Proven performance testing

Low fade, safety and durability

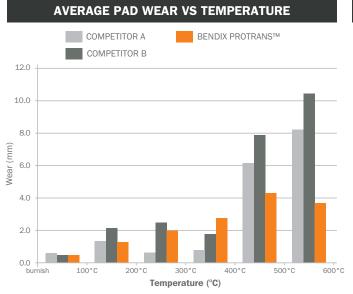
Extended servicing intervals

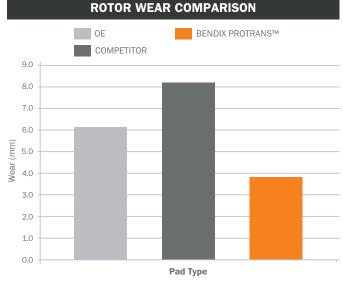
Covers most popular applications

Ready to fit

Protrans™ Disc Brake Pad performance tests

Bendix Protrans™ meets or exceeds the performance of OE pads in a range of tests as demonstrated below.





PROTRANS COMMERCIAL VEHICLE BRAKE SHOE KITS

The Bendix Protrans™ range of heavy commercial vehicle brake shoe kits are manufactured to the highest quality standards in a IATF 16949 and QS9000 accredited facility.



Features

Bendix D32 material holds ECE-R90 certification, where Homologated

Electro hardened journal ends

Indented webbing

Steel rivets

Radius ground

Hardware kits included

Benefits

Proven performance testing

Reduced wear at the journal

Increased strength

High Shear Strength

High lining to drum ratio, reduces

bedding-in time

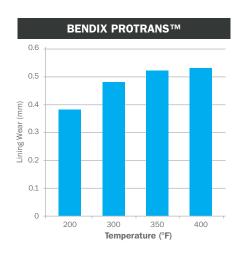
Everything you need in one box



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.

Protrans™ Disc Brake Pad performance tests









For a range of applications, including heavy duty trucks, light truck, trailer and common general purpose axles.

Features

Resistance to high temperatures
Reduced drum and component wear
Ceramic formulation (NAO)
Stable operating performance
Comprehensive range

Benefits

Stable across various applications
Reduced replacement cycles
Cleaner technology, smoother braking
Improved safety
Covers most popular applications

Extreme Durability

Based on a European heritage with an OE background, Bendix have localised this to meet harsh and demanding on-road conditions. The range of Bendix Brake Linings are designed and engineered for heavy duty applications, offering superior strength, heat resistance and durability.



Material Reference	Application	Composition	Friction Classification	Maximum Continuous Working Temperature
Protrans™	Multi purpose material for bus, light truck, trailer and common general purpose axles and for heavy duty truck applications	Latest technology NAO lining	FF (0.38)	300°C

BRAKE FLUID

Bendix DOT 3 & DOT 4 Brake Fluid minimises brake part corrosion while friendly on rubber parts.



Optimum Performance

Bendix DOT 3 and DOT 4 Brake Fluid are 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.

Features

DOT 3 and DOT 4 brake fluid High performing Polyglycol type fluid Inert to both natural & synthetic rubber Non-corrosive formula Engineered to the highest standards

Benefits

Meets Australian & International specifications

High performance even in extreme temperatures

Will not damage brake system components

Minimises corrosion of metal components

Suitable for hydraulic & conventional systems

Handy Hint

DOT 3 and DOT 4 Brake Fluids are hygroscopic fluids that will absorb moisture when exposed to air. When Bendix DOT 4 brake fluid is new, it has a high dry boiling point. As the moisture content builds to 3% in the brake fluid, it develops what is known as a wet boiling point of 155°C. This temperature is critical and the brake fluid must be replaced if the boiling point is below 155°C.

Brake Line with New Brake Fluid: Newly replaced brake fluid is devoid of moisture.



Brake Line with Acceptable Levels of Moisture: Over time, moisture is absorbed by the brake fluid, decreasing the overall boiling point.



Brake Line with Excessive Moisture: After a while, brake fluid absorbs too much moisture, and needs to be replaced.



Brake Line with Vaporized Moisture: If the moisture vaporizes, it can form a vapour lock that dangerously reduces the brake line's hydraulic function.

CERAMASIL™ BRAKE PARTS LUBRICANT



Reduces noise, wear and corrosion, providing absolute confidence in every brake pad change.

Absolute Confidence

Bendix CeramasilTM Brake Parts Lubricant is specially formulated to reduce brake noise, vibrations and harshness (NVH) by dampening all natural brake vibrating frequencies. It is made from pure Polydimethylsiloxane base oils and treated with the latest rust, oxidation and anti-wear additives to provide lasting protection against friction, wear and corrosion.

Benefits

Features

Lasting protection against friction, wear and corrosion	Lasts the life of the brakes
Noise dampening compound	Silences calipers
Waterproof and chemical resistant	Resists pressure cleaning and extreme conditions
Extreme temperature range	Delivers extreme temperature protection to 1650°
Non-melting	Will not run out of the brakes onto the friction pade or rotors
Extended tube nozzle	Allows for easy application in tight spaces



Handy Hint

Bendix brake lubricant should be applied with every single brake pad replacement or brake shoe change.

To be most effective it should be applied to caliper hardware, pins, slides & bushes to ensure smooth operation. Also to all metal to metal contact areas metal to rubber contact areas backing plates of brake pads or brake shoes between shim and backplate of brake pad.

It can be used on seals of Disc Brake caliper assemblies, all moving caliper hardware, rubber components, backing plates, shims and Brake Shoe assemblies.

A common source of brake shudder issues is an uneven mounting surface on the face of the hub. Uneven rust and scale deposits can build up onto the hub face over time, which in turn creates an uneven surface for the disc to be mounted on. If this is evident, clean the area with some sandpaper and Bendix Multi-Use until the rust and scale is gone.

This should be common practice when replacing or refitting brake discs to help prevent any instances of brake shudder in the future.

CLEANUP BRAKE & PARTS CLEANER



A full strength cleaner and degreaser.

Instant Results, Advanced Formula

A dynamic cleaner designed to rapidly remove brake fluids, oils, dust, dirt, grease and other contaminants from brake linings, disc pads, drums, clutch plates, rotors, cylinders and springs. Stops squeal in disc brakes and can be applied without disassembly of brakes. Bendix Cleanup dries super-fast which enables quicker brake part changes. It also cleans other workshop equipment.



Features	Benefits			
Removes impurities	Effectively removes impurities from brake components.			
Non-corrosive	Leaves no residue, staining and is non-corrosive.			
Cleans	Cleans disc brake rotors after machining, before brake pad installation.			
Stops squeaks	Cleans instantly to stop squeaks and squeals in brakes.			
Degreaser	Use on brake parts and other degreasing applications.			







DEGREASEREMOVES OIL & GREASE



Formulated for maximum efficiency.

Premium Performance

A powerful multipurpose degreaser designed to remove grease and grime from numerous surfaces including engines, lawn mowers, outboard motors, concrete floors, driveways and general workshop surfaces. Bendix Degrease is formulated to quickly soften and remove grease and grime in one application leaving the surface sparkling clean.



Features	Benefits			
Degreases	Degreases engine and motor parts.			
Removes oil	Removes oil and other deposits from concrete paths and other masonry surfaces.			
Agricultural uses	Suitable for agricultural uses – tractors, trailers, chain saws and tools.			
Industrial uses	Also suitable for industrial uses – stationary machinery, forklifts and cranes.			







SHINE SHINES TYRES



The ultimate in car detailing.

Professional Finish

The easiest and most effective way to shine your tyres, mudflaps and bumpers, is Bendix Shine, designed to give the ultimate new appearance. Prevents dirt from forming on tyres. Just spray on and let the product produce the shine on your tyres. Ideal for use on low profile and performance tyres.



Features	Benefits
Easy to use	Easy and effective way to shine your tyres, mudflaps & bumper bars.
Prevents grime	Prevents dirt and road grime forming on tyres.
Durable	Long lasting.
Performance applications	Ideal to use on low profile and performance tyres.







MULTI-USE PENETRATES & LUBRICATES





For everyday use in your workshop.

Fast-Acting Formulation

A heavy duty water dispersant designed to displace moisture and assist in lubricating, protecting and starting wet motors. The product is suitable to be used on most machinery parts, heavy duty engines and hobby engines. It is fast acting in displacing moisture from engines and motor parts and protects against corrosion. Bendix Multi-Use also stops squeaks and loosens rusted parts.



Features	Benefits
Penetrant	Loosens rusted nuts and metal parts.
Lubricant	Eliminates squeaks, loosens hinges and rusted parts.
Protects	Lubricates and protects moving parts.
Domestic uses	For domestic uses such as lawnmowers, generators and other garden machinery.







SMOOTH WHITE LITHIUM GREASE



Lubricates and protects.

Multi-Use Lithium Grease

An all-purpose lubricant designed to lubricate and protect surfaces from abrading or scratching one another and helps prevent squeaking. It is an ideal lubricant for wheel bearings operating under all service conditions, CV joints, chassis lubrication, metal hinges, door catches, striker plates, cables and springs, outboard motors, chains, winches, jacks, garden tools etc. It is suitable for automotive (cars, trucks, tractors and trailers), marine, agriculture, general industrial and household use.

Features	Benefits
Lubricates	Lubricates chains for motorcycles, chainsaws, cranes, conveyors, etc.
Powerful	Powerful lubricant for all industrial and domestic purposes.
Protects	Lubricates, protects and prevents abrasions, scratches, squeaks & squeals.
Industrial and domestic uses	Ideal for bearings, rollers, hinges, linkages and springs.
Inhibits corrosion	Corrosion inhibitor ideal for outboard motors.









SILICONELUBRICATES & PROTECTS



Lubricates and protects.

Multi-Use Silicon Lubricant

A heavy duty lubricant designed to lubricate, waterproof and protect most surfaces from binding, corroding and squeaking. Bendix Silicone is an ideal protectant for plastic, vinyl leather and rubber, window and sliding door tracks, doors hinges, rubber gaskets, metals, vinyl, fibreglass, locks, fishing equipment and boat fittings. It is suitable for marine, automotive and household applications.



Features	Benefits
Penetrant	Industrial strength using a refined grade of Silicone.
Lubricant	Designed to lubricate, waterproof and protect surfaces from binding, corroding and squeaking.
Protects	Suitable for automotive, marine and household use.
Domestic uses	Ideal lubricant for chains and moving belts, for sliding door tracks & hinges.

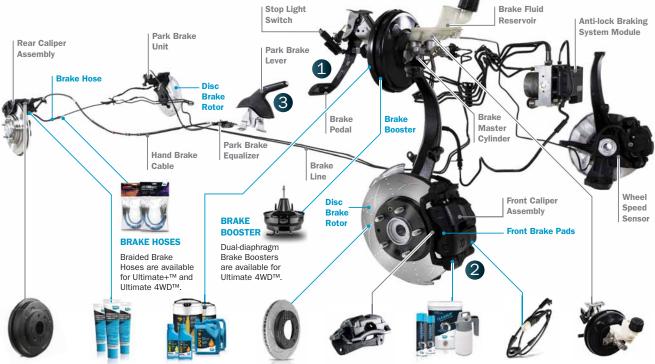






THE BENDIX BRAKE SYSTEM GUIDE

Of all the components in the system, the friction material on the disc brake pad or lining is what finally stops the car, so when you apply the brakes, hydraulic pressure forces the disc pad against a disc brake rotor.



REAR PARK BRAKE

The park brake system can operate through the rear disc pads or a shoe and drum brake system. The park brake should be regularly checked and/or adjusted to ensure correct operation and the brake linings should not be allowed to wear past the manufacturer's recommendations

LUBRICANT

The Bendix Ceramasil™ Brake Parts Lubricant is designed specifically for brake parts with metal to metal and metal to rubber contact areas. and should be applied with every brake pad change, giving absolute confidence in each job.

BRAKE **FLUID**

Bendix DOT3 & DOT4 Brake Fluid can be used for both hydraulic & conventional brake systems. minimising corrosion. This fluid is also inert to all kinds of rubber, and meets stringent Australian and U.S. specifications.

DISC BRAKE ROTOR

force applied by the brake pads against the disc brake rotor slows or stops the rotation of the Rotors should be regularly checked for excessive wear and distortion. When machining or installing new disc brake rotors ensure they have been cleaned thoroughly with brake cleaner contaminants.

The clamping wheels. Disc Brake

CALIPER **ASSEMBLY**

When the brake pedal is applied, brake fluid is forced into the caliper moving the piston and brake pads against the rotor. Calipers should be thoroughly checked to ensure all parts are working correctly and smoothly. Inefficient calipers can cause low performance and excessive wear of pads and disc brake rotors.

BRAKE & PARTS CLEANER

When changing brake pads always use Bendix Cleanup - Brake & Parts Cleaner to clean brake components and the rotor surface especially after machining. Bendix Cleanup – Brake & Parts Cleaner penetrates rapidly cleans instantly and evaporates quickly, leaving no residue.

BRAKE WEAR SENSORS

Electronic Brake Wear Sensors are an added safety feature on many vehicles used to warn a vehicle's driver when their brake pads are at the end of their service life.

RESERVOIR

Brake fluid should be flushed and replaced at least once every two years, using new fluid from a sealed container. Ensure correct fluid type is used, and ensure no air is trapped in the system as this will result in poor braking. Any loss of brake fluid indicates a serious fault in the brake system and needs to be investigated.



HOW DO **BRAKES WORK?**

Applying the brake pedal activates a power booster forcing hydraulic brake fluid through the master cylinder and combination valve, via brake lines to all four wheels.



DISC BRAKES

The wheel assembly consists of a wheel hub and disc brake rotor with a caliper housing the disc brake pads. A piston in each caliper forces the disc brake pad against the rotor, creating the necessary friction to stop the rotor spinning.

Two disc brake pads on each wheel, an inner and outer, act simultaneously to bring the car to a halt. Many cars are equipped with disc brakes front and rear.



PARK BRAKES

The park brake is applied through either an electronic system or a cable system which operates the rear brakes only.

HOW OFTEN?

Brakes are out of sight and generally out of mind. Your brake system should be thoroughly checked once a year as a minimum. In as little as fifteen minutes, a brake specialist can give your car's braking system a safety check.

NOTE: Brakes are a critical safety system of a vehicle. The brake system should not be interfered with by anybody who does not have the appropriate skills and experience. Brake pads should be replaced by a qualified mechanic.

Check out the online 3-D guide at: www.bendix.com.au

FOR EVERY DRIVING STYLE, BENDIX HAS THE RIGHT BRAKE PAD & DISC ROTOR

To achieve the best possible braking performance and stopping distance, it's important to match the driving style and vehicle with the right brake pad and disc rotor formulation. You can find and fit the right Bendix brake pad and disc rotor for virtually every application with absolute confidence, check online for your vehicle.

		LIGHT/SMALL	MEDIUM/ LARGE	4WD/SUV	PEOPLE MOVER	EUROPEAN	SPORTS	UTE/VAN PICKUP
		ACCENT, CERATO, CIVIC, COROLLA, FOCUS, I2O, I3O, IMPREZA, MAZDA 2, MAZDA 3, SWIFT, YARIS	300C, ACCORD, CAMRY, COMMODORE, FALCON, LIBERTY, MAZDA 6, MONDEO, OPTIMA, SONATA	CR-V, GRAND CHEROKEE, LANDCRUISER, PAJERO, PATHFINDER, PATROL, PRADO, RAV4, TUCSON, X-TRAIL	IMAX, ODYSSEY, TARAGO, GRANVIA, CARNIVAL, CARAVELLE, AVENSIS, VOYAGER, GRANDIS, LDV G10	BMW 1, 3, 5, 7 SERIES; BMW X1, X3, X5; PEUGEOT 208, 308, 508; MERCEDES A, C, E, S CLASS; AUDI A3, A4, A6, A8, Q5; CAYENNE, DISCOVERY, GOLF, PASSAT, TIGUAN	MUSTANG, FPV, HSV, WRX, 370Z, M5, 86, BRZ, GOLF GTI, BOXTER, VELOSTER	BT-50, COLORADI HIACE, HILI ILOAD, NAVY RANGER SPRINTEF TRAFIC, TRAI
	GENERAL SUBURBAN	GENERAL CT™	GENERAL CT™	4WD/SUV™	GENERAL CT™	EURO+™ EURO+™ ROTORS	ULTIMATE+™ ULTIMATE™ ROTORS	HEAVY DUT
	COUNTRY	GENERAL CT™	GENERAL CT™	4WD/SUV™ ULTIMATE 4WD™ ULTIMATE 4WD™ BUK	GENERAL CT™	EURO+™ EURO+™ ROTORS	ULTIMATE+™ ULTIMATE™ ROTORS	HEAVY DUTYTH ULTIMATE 4WI ULTIMATE 4WDTH
	FREEWAY	GENERAL CT™	GENERAL CT™	4WD/SUV™ ULTIMATE 4WD™ ULTIMATE 4WD™ BUK	GENERAL CT™	EURO+™ EURO+™ ROTORS	ULTIMATE+™ ULTIMATE™ ROTORS	HEAVY DUTYTH ULTIMATE 4WI ULTIMATE 4WDTH
	HILLS & STEEP DECLINES	GENERAL CTTM HEAVY DUTYTM**	GENERAL CTTM HEAVY DUTYTM**	4WD/SUV™ HEAVY DUTY™** ULTIMATE 4WD™ ULTIMATE 4WD™ BUK	GENERAL CTTM HEAVY DUTYTM**	HEAVY DUTY™** EURO+™ EURO+™ ROTORS	ULTIMATE+™ ULTIMATE™ ROTORS	HEAVY DUTYTH ULTIMATE 4WI ULTIMATE 4WDTH
	TOWING	GENERAL CTTM HEAVY DUTYTM**	GENERAL CTTM HEAVY DUTYTM**	4WD/SUV™ HEAVY DUTY™** ULTIMATE 4WD™ ULTIMATE 4WD™ BUK	GENERAL CTTM HEAVY DUTYTM**	HEAVY DUTY™** EURO+™ EURO+™ ROTORS	ULTIMATE+™ ULTIMATE™ ROTORS	HEAVY DUTYTO ULTIMATE 4WD
STREET HIGH-	PERFORMANCE	STREET ROAD TRACK™* ULTIMATE+™ ULTIMATE™ ROTORS	STREET ROAD TRACK™* ULTIMATE+™ ULTIMATE™ ROTORS		able to race rehicles.	STREET ROAD TRACK™* ULTIMATE+™ ULTIMATE™ ROTORS	STREET ROAD TRACK™* ULTIMATE+™ ULTIMATE™ ROTORS	Not advisable to these vehicle
	PERFORMANCE	STREET ROAD TRACK™*	STREET ROAD TRACK™*	1,000	ornoide.	STREET ROAD TRACK™*	STREET ROAD TRACK™*	those vollidies

Also find an interactive Brake Pad Selection Guide on the **Bendix Website** or on the **Bendix Catalogue App**

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WITH

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www.linkedin.com/company/bendix





SCAN YOUR VEHICLE

WITH THE

BENDIX CATALOGUE APP!





The new **Bendix Catalogue App Scan Feature** allows you to easily identify what type of brakes a vehicle requires simply by scanning a **registration plate**, **VIN number** or Bendix **product barcode** with your phone!

THE CATALOGUE APP ALSO FEATURES:

Fast Catalogue Access

Use the Bendix search engine to quickly find the Bendix part number that fits your job. You can also match an OE/FMSI/WVA or other brake pad part number.

Stockists, News & More!

Search for any Bendix stockist across Australia and New Zealand or access industry news via media releases, B-m@ils, Newsbrakes, promotions, the Bendix TV channel and more!



BRAKING NEWS



NEW PART No. RELEASES



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

for local conditions. This ensures they are right for your vehicle whether it's an everyday passenger car, an SUV, a high performance car or a load carrying commercial vehicle.

For more information about Bendix products contact us today:

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www.bendix.com.au

NOTE: Brakes are a critical safety system of a vehicle. The brake system should not be interfered with by anybody who does not have the appropriate skills and experience. Brake pads should be replaced by a qualified mechanic.

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