

BrakeTalk

PBR International Limited A.C.N. 006 527 340 A Pacifica Group Company



Ride on the wild side

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Ride on the wild side with Skaife or Kelly



Imagine being strapped into a Holden Racing Team V8 Supercar with Mark Skaife or Todd Kelly. Could you handle it?

PBR is offering AutoPartners members the chance to win the ultimate driving experience along with other great Holden Racing Team prizes. Just purchase a PBR Performance brake upgrade kit by November 15 and return the outer packaging barcode in your AutoPartners satchel to go in the draw.

AutoPartners members will also earn a whopping 1500 rewards points for every kit purchased.

If you still haven't heard about the massive improvement in stopping distance your customers can achieve using a PBR Performance brake upgrade kit then contact our helpline on **1300 369 727** or visit www.pbrperformance.com.au

PBR Performance brake upgrade kits are available through Repco, Bursons, Coventry, Motor Traders, Auto Pro and selected independent resellers and performance specialists.

Winners are drawn on 22 November 2004 and will be published in the Australian on 29 November 2004. See Streets Ahead magazine September 2004 issue for full conditions of entry.

Award winning electric park brakes



PBR's new brake-by-wire park brake systems, known as ePark™, are turning some heads in the industry at present. The ePark™ systems have just been awarded the Gold Automotive Engineering Excellence Award by the SAE-A (Society of Automotive Engineers – Australasia).

Since January this year a Ford Falcon fitted with the new systems has been touring Europe, the United States and Japan demonstrating the new technologies to vehicle manufacturers. The feedback has been exceptional with ePark™ being acknowledged as the lightest, quietest and most responsive system currently available in the market.

New brochures inform the trade



to help you and your customers understand the benefits of the Banksia repair kit range and the expanded replacement caliper range.

The Banksia brochure comes with a useful checklist, to ensure brake mechanics get the best result when servicing single-shoe park brakes, along with a list of service kits available.

The replacement caliper brochure details the benefits of the three caliper servicing options now available through PBR – piston housings, padless calipers and loaded calipers. It also folds out into a handy wall chart providing quick part number reference.

If you would like a quantity of brochures to help inform your customers then contact our helpline on **1300 369 727** and we can send some out with your next order.

With so many new products finding their way into the PBR range at present it can be difficult staying on top of them all and understanding which products will deliver the best value for your business.

To cut through the confusion we have introduced two new brochures



Brake service tips - brake fluid

Q. Can you mix different brake fluids?

A. You can mix different graded brake fluids, but the lower grade will dilute the higher grade. Therefore you will only get the performance and service life of the lower grade fluid.

DOT brake fluids are made of synthetic chemicals, whereas mineral based fluid is thin oil. Synthetic brake fluid and mineral oil brake fluid cannot be mixed. Some European cars like Citroen and Rolls Royce use mineral based fluid. If you intend to use mineral based fluid, check the manufacturer's specs as it will

destroy the rubber seals of cars not designed to use it.

Q. When should brake fluid be changed?

A. As a rule, always follow the manufacturer's recommendations, but be aware that replacement intervals depend on the vehicle's operating conditions. Under normal driving conditions DOT 3 fluid should be changed once a year whereas DOT 4 can be stretched to every two years.

If the vehicle does high kilometres, gets driven hard or operates in very wet conditions the brake fluid should be changed more often.

Wear and tear on the brake pads and linings will lower the level of the brake fluid in the master cylinder reservoir. When new disc pads or linings are installed, the level will rise back up again. However it is a good idea to keep the fluid topped up to the mark indicated on the master cylinder reservoir.

PBR Jetstream bonus offer

The PBR Jetstream rotor range has grown yet again with the inclusion of six new part numbers to cover the Ford BA Falcon/Fairlane and Toyota Camrys from 9/2002 on.

Each of the new Jetstream rotor packs includes OE quality disc pads, which means you can save time by ordering all the bits you need in one box. By using the PBR Jetstream system you also avoid getting caught with mismatched disc rotors and pads that could lead to unnecessary noise, vibration or wear for your customers.

To celebrate the new range additions PBR is running a bonus promotion for AutoPartners members during November and December. Purchase any PBR Jetstream rotor pack through Coventry, Motor Traders, Auto Pro and selected Independent Resellers and you will receive 300 AutoPartners bonus points plus a Jetstream cap.



New Jetstream range additions

Make	Application			Front/Rear	Jetstream no.
Ford	Falcon	AU	4/00 – 8/02	Front	PBR502-1375
Ford	Falcon	AU	4/00 – 8/02	Rear	PBR503-1376
Ford	Falcon	BA	9/02 – on	Front	PBR504-1473
Ford	Falcon	BA	9/02 – on	Rear	PBR505-1376
Toyota	Camry	ACV36/MCV36	9/02 – on	Front - Left	PBR735-1474L
Toyota	Camry	ACV36/MCV36	9/02 – on	Front - Right	PBR735-1474R
Toyota	Camry	ACV36/MCV36	9/02 – on	Rear - Left	PBR736-1475L
Toyota	Camry	ACV36/MCV36	9/02 – on	Rear - Right	PBR736-1475R

Focused on road safety

In the brake business, safety is the bottom line. At PBR, Australia's only manufacturer of brake systems, we live and breathe safety every day of the year, so it was no surprise when we were recently invited to present at the SAE-A (Society of Automotive Engineers – Australasia) Road Safety seminar in September this year.

The seminar was conducted as an opportunity for like-minded industry groups to share information on the latest developments in regulations and trends in road and vehicle safety.

Safety information was shared to participants under the broad topics of; regulations and trends, sharing the roads and new vehicle safety product development and included presentations by VicRoads, Transport Accident Commission, Bicycle Victoria and Ford Australia.

PBR provided the group with an update on safety developments in brake systems and future brake system technologies.

Banksia service kit range

Make	Application			Major Kit	Minor Kit
FORD	LTD	DF - DL	3/95 - 6/99	PBK113	PBK112
FORD	LTD	DU	6/99 - 12/02	PBK132	PBK141
FORD	FAIRLANE	NF - NL	3/95 - 2/99	PBK113	PBK112
FORD	FAIRLANE	NU	3/99 - 12/02	PBK132	PBK141
FORD	FALCON	AU	9/98 - 9/02	PBK132	PBK141
FORD	FALCON (SEDAN)	BA	9/02 - on	PBK170	PBK169
FORD	FALCON (UTE)	BA	9/02 - on	PBK193	PBK192
FORD	FALCON	EF - EL	8/94 - 8/98	PBK113	PBK112
HOLDEN	STATESMAN	WH - WK	6/99 - on	PBK123	PBK122
HOLDEN	COMMODORE	VT - VZ	9/97 - on	PBK123	PBK122
MITSUBISHI	VERADA	KE - KL	10/96 - 8/01	PBK125	PBK124
MITSUBISHI	MAGNA	TE - TL	4/96 - 8/01	PBK125	PBK124
SSANGYONG	MUSSO	MUSSO	7/96 - 7/98	PBK111	PBK110
TOYOTA	CAMRY	ACV36	9/02 - on	PBK175	PBK174
TOYOTA	CAMRY	MCV36	9/02 - on	PBK175	PBK174

This information provides an overview of PBR's Banksia service kit range.

For further details please refer to the PBR on-line catalogue at www.pbr.com.au/findapart

The face of PBR



There can be no doubt that the recent launch of PBR Performance brake upgrade kits has been a huge success, but successful product launches don't just happen.

At PBR, the man driving the development of new product programs such as these is David Todd. In David's role as Business Development Manager he is constantly on the lookout for changes in the market demand for brake products. That way he can determine what new products PBR needs to develop so we can continue adding value for businesses involved with servicing brakes.

David commenced working with PBR in 1986 and since that time has held a number of sales and product management roles. His intimate knowledge of product applications makes him a valuable member of the PBR team.

In addition to the new PBR Performance range, David has recently been busy pulling together the expanded replacement brake caliper range.

So what's in the pipeline at the moment? Well, we can't say too much but keep your eyes on the Performance range for some much-sought-after additions in the near future.

Banksia Servicing Checklist

- Replace the shoes each time you replace the rear disc rotors
- Replace the shoes if they become contaminated with oils, brake fluid, grease etc
- Check that the shoe diameter is to manufacturer's specifications
- Adjust the shoe diameter if necessary
- Replace the shoes if the friction material thickness is less than 1.5mm
- Check the actuator mechanism for wear and repair if necessary
- Check that the drum inner diameter is to specification and replace if oversize

Servicing Options

Minor Kit

Recommended for service when replacing the rear disc rotors or when the shoe is worn but the actuator mechanism is still functioning correctly.

Kit Contents:

- 1 Replacement shoe
- 1 Shoe hold-down clip
- Fitting instructions



Major Kit

Recommended for service when replacing the rear disc rotors or when the shoe is worn and the actuator mechanism is no longer functioning correctly.

Kit Contents:

- 2 Replacement shoes
- 2 Shoe hold-down clips
- 2 Sets of actuator components
- Fitting instructions



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