



August 2005, Issue 6

BrakeTalk

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



pbr **PERFORMANCE** **FULL-ON DISC BRAKE PADS**

NEW!

- Smoke em up!
- China brakes for GM
- Expanded brake fluid range
- Hot caps
- Brake service tips - wheel cylinders
- New Performance disc pad range
- New range additions
- The face of PBR

HOT CAPS!





Smoke em up!



On the 19th and 20th of November 2005, Heathcote raceway, Victoria, will explode into action with the All Ford Nationals, Performance Car show.

So, if you're passionate about your Ford, and want to give your brakes a real work out, slip on down to get a taste of the PBR Performance Go-to-Whoa competition.

Serious car action over the weekend will include:

- The fastest Ford Falcon comp - open for every model ever built in Australia from XK to BA.
- Dial your own time drag racing.
- PBR Performance Go to Whoa.
- Burn out competition.
- Show and Shine

To find out more check out the PBR Performance website at www.pbrperformance.com.au

China brakes for GM

With the first of two manufacturing facilities in Dalian, China, now producing PBR calipers and Banksia components for North American customers, the initial contracts to supply PBR brakes for locally produced vehicles have been awarded by Shanghai GM.

The first contract was awarded for the supply of front and rear brake calipers and rotors for the Buick Royaum program which will commence production in November 2006. The Royaum is a derivative of the Holden Statesman

which is currently produced in Adelaide, South Australia. A second contract has been awarded for the supply of rear calipers to the Cadillac STS program which also commences production in November 2006.

Work has now commenced on the construction of a foundry to complement the existing machining and assembly facility in Dalian and is expected to be operational by mid 2006.



Expanded brake fluid range

For almost 80 years, the PBR brand has been a symbol of quality and reliability in the replacement parts industry. Brake specialists and general mechanics alike know that when they use PBR products they have been researched, designed and manufactured with a specific purpose in mind.

PBR brake fluid is no exception. For many years PBR has been servicing the aftermarket with two grades of specially formulated brake fluid. PBR Red Dot is a high quality DOT 4 grade fluid suitable for earlier model vehicles whereas PBR Gold Dot is a Super DOT 4 grade formulated to meet the demands of more recent models.

As industry requirements change PBR is committed to delivering products that provide the best fit for today's vehicles. That's where PBR Yellow Dot brake fluid comes in. Toyota vehicles, for example, must be serviced using a DOT 3 grade of fluid. PBR Yellow Dot is a heavy duty DOT 3 fluid that provides the best ongoing protection for brake systems in these vehicles.



At the other end of the brake system performance spectrum is the increased growth in 'Performance Brakes'. PBR now has a number of performance brake upgrade kits available and recognises that the market for club racing and general performance enhancement is still growing.

For this market PBR has introduced a racing grade brake fluid under the popular PBR Performance brand. The new racing fluid is known as BF-600 and is positioned at the high end of this specialist market having a typical dry boiling point of 312°C.

PBR racing brake fluid and the new PBR Yellow DOT fluid is now available through PBR brake parts stockists.

HOT CAPS

Word is getting around that PBR's Jetstream caps can now be redeemed for points as part of the Autopartners



program. We've seen a steady growth in redemptions over recent months as more people become familiar with this exciting product range and realise that you only need 1,150 points to get one. If you're not already an Autopartners member or you want a cap of your own, then jump onto the website at www.autopartners.com.au.

Brake service tips - wheel cylinders

With the number of small cars on Australia's roads continuing to increase, the call for servicing drum brakes is just as strong as ever. So it's important to make sure you do the job right if you want to impress your customers.

When one wheel cylinder is worn and needs replacing, it is more than likely that the remaining wheel cylinder is also deteriorated and nearing the end of its useful and safe operating life span.

Replacing only one wheel cylinder increases the risk of impurities from the old cylinder contaminating the brake fluid and causing damage to the new cylinder. This can cause serious brake problems.

To simplify the replacement process, PBR's range of Gold wheel cylinders is packed in matched pairs for left and right wheel replacement.



New Performance disc pad range

Following the overwhelming response to PBR's Performance brake upgrade kits, a range of performance disc brake pads is now available from PBR Performance stockists.

PBR Performance pads are a high-performance street pad designed to deliver optimum braking performance across a broad temperature range without making huge sacrifices on brake noise and pad wear.

PBR Performance brake pads are ideally suited for:

- High performance vehicles
- Aggressive driving styles
- Regular towing of caravans or boats
- Trade utilities

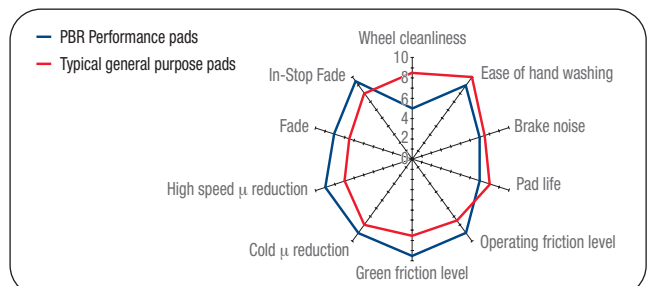
The PBR Performance range is targeted towards vehicles where brake performance improvement is highly sought after and includes applications such as Falcons, Commodores, Mazda RX series and Subaru Imprezas. A complete catalogue of the range is available on the PBR Performance website at www.pbrperformance.com.au.

Technical Data

Utilising PBR's years of experience developing performance brake systems for some of the world's fastest production sports cars, a range of European-based friction material formulations have been selected to ensure that each application is performance-optimised. These formulations are organic, low metal and non-asbestos based.

The performance benefits of these pads compared to typical general purpose pads can be seen in this chart where key performance attributes such as brake fade and friction levels show a stepped improvement. In addition, stopping distances can be shortened by up to 25% whilst still maintaining excellent pedal feel.

PBR Performance brake pads work at their best when they are pushed beyond normal driving conditions. As brake temperatures increase under heavy workloads the PBR Performance pad formulations respond by maintaining or increasing the friction level which virtually eliminates the likelihood of brake fade occurring.



PBR Performance brake pads optimum performance range

Normal driving	Aggressive street driving & heavy loads/towing	Club Racing														
		80°C	115°C	150°C	180°C	200°C	230°C	250°C	270°C	285°C	300°C	312°C	322°C	332°C	342°C	360°C

New range additions

Make	Application			Description	PBR No.
FORD	FALCON	BA	09/02 - 06/03	ROTOR FT	PBR504
FORD	FALCON	BA	09/02 - 06/03	ROTOR RR	PBR505
FORD	FESTIVA	WB	04/94 - 12/96	HOSE FT	H1596
FORD	FESTIVA	WB	04/94 - 12/96	HOSE RR	H1597
FORD	FESTIVA	WB	04/94 - 12/96	HOSE RR	H1595
FORD	FESTIVA	WB	04/94 - 12/96	HOSE RR	H1597
FORD	FESTIVA	WD	01/97 - 12/97	HOSE FT	H1596
FORD	FESTIVA	WD	01/97 - 12/97	HOSE RR	H1597
FORD	FESTIVA	WD	01/97 - 12/97	HOSE RR	H1597
FORD	FESTIVA	WD	01/97 - 12/97	HOSE RR	H1595
FORD	FESTIVA	WD	01/97 - 12/97	ROTOR	PBR530
FORD	FIESTA	WP	04/04 - 05/05	W/CYL RR	JB9936
FORD	LASER	KQ	04/01 - 08/02	S/CYL	JB4226
FORD	LASER	KQ	04/01 - 08/02	CALIPER KIT RR	K2480S
FORD	LASER	KQ	04/01 - 08/02	CALIPER KIT FT	K2908S
FORD	TELSTAR	AX	01/92 - 08/94	CALIPER KIT FT	K2908S
FORD	TELSTAR	AX	01/92 - 08/94	CALIPER KIT RR	K2480S
HOLDEN	BARINA	SB	04/94 - 04/01	B M/CYL (NON ABS)	JB9584
HOLDEN	BARINA	SB	04/94 - 09/98	B M/CYL (ABS)	JB9585
HOLDEN	BARINA	XC	02/01 - 03/03	B M/CYL	JB9658
HOLDEN	BARINA	XC	02/01 - 03/03	S/CYL	JB9826
HOLDEN	JACKAROO	U8	02/98 - 10/00	B M/CYL	JB9633
HOLDEN	VECTRA	JR	06/97 - 08/99	C M/CYL	JB9680
HOLDEN	VECTRA	JR	06/97 - 08/99	S/CYL	JB9822
HOLDEN	VECTRA	JS	09/98 - 08/99	S/CYL	JB9822
HOLDEN	VECTRA	JS	12/98 - 08/99	C M/CYL	JB9680
HYUNDAI	ACCENT	LC	08/02 - 08/03	B M/CYL (ABS)	JB9904
HYUNDAI	ACCENT	LS	09/03 - 10/04	B M/CYL (ABS)	JB9904
MAZDA	323	BG 1.6	03/91 - 08/94	CALIPER KIT RR	K2480S
MAZDA	323	BJ	09/98 - 12/03	CALIPER KIT FT	K2908S
MAZDA	323	BJ	09/98 - 12/03	CALIPER KIT RR	K2480S
MAZDA	626	GD & GE	09/91 - 06/97	CALIPER KIT RR	K2480S
MAZDA	MAZDA 2	DY	12/02 - 01/04	S/CYL	JB4226
NISSAN	PULSAR	N15	04/98 - 09/00	B M/CYL	JB9568
NISSAN	PULSAR	N16	07/00 - 02/03	HOSE FT L/H	H2141
NISSAN	PULSAR	N16	07/00 - 02/03	HOSE FT R/H	H2140
NISSAN	PULSAR	N14	10/91 - 09/95	CALIPER KIT FT	K2911S
NISSAN	PULSAR	N15	10/95 - 04/98	B M/CYL (ABS)	JB9567
NISSAN	PULSAR	N15	10/95 - 09/00	B M/CYL (ABS)	JB9569
NISSAN	PULSAR	N15	10/95 - 09/00	B M/CYL (NON ABS)	JB9570
TOYOTA	ECHO	NCP10	01/00 - 09/00	ROTOR	PBR723
TOYOTA	ECHO	NCP12	01/00 - 09/00	ROTOR	PBR723
TOYOTA	ECHO	NCP10	10/99 - 01/00	ROTOR	PBR723
TOYOTA	ECHO	NCP12	10/99 - 01/00	ROTOR	PBR723
TOYOTA	RAV 4	ACA 20	07/00 - 09/01	ROTOR	PBR692
TOYOTA	RAV 4	ACA 21	07/00 - 09/01	ROTOR	PBR692
TOYOTA	RAV 4	SXA11	07/95 - 08/96	S/CYL KIT	K1893S
TOYOTA	RAV 4	SXA11	07/95 - 09/00	C M/CYL	JB1947
TOYOTA	RAV 4	SXA11	07/95 - 09/00	C M/CYL KIT	K8926
TOYOTA	RAV 4	SXA11	07/95 - 09/00	CALIPER KIT	K2424S
TOYOTA	RAV 4	SXA11	07/95 - 09/00	HOSE TO CALIPER	H1915
TOYOTA	RAV 4	SXA11	07/95 - 09/00	HOSE TO STRUT	H1916
TOYOTA	RAV 4	SXA11	07/95 - 09/00	HOSE RR	H1917
TOYOTA	RAV 4	SXA11	08/96 - 09/00	S/CYL	JB9539
TOYOTA	RAV 4	SXA11	08/96 - 09/00	S/CYL KIT	K2921S

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

The face of PBR



Since launching BrakeTalk back in April 2004 you will no doubt have noticed the significant number of new parts that have been added to the PBR brake parts range. Not only has our Performance range grown but we have also added new programs like the Banksia repair kits, piston housings and extended our brake hydraulic range.

It probably doesn't come as any surprise that these parts don't find their way into the PBR range by themselves. In fact it takes quite a lot of meticulous work to ensure that our catalogue research is ultimately converted into a product you can buy.

That's where Michelle Reynolds comes in. Michelle is a Business Development Officer working in our Product Management department where a large part of her role is coordinating the introduction of new products into the PBR system.

New product introduction is a process that interacts with many facets of the business so Michelle has connections with manufacturing, purchasing, packaging, warehousing and marketing.

During her time with PBR, Michelle has also worked in our customer service department providing assistance for the PBR Helpline. No doubt some of you will have spoken with Michelle in the past.



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