

BrakeTalk

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



PBR flexes brake muscle

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PBR flexes brake muscle



The market for "go-fast" cars and accessories continues to grow at a phenomenal rate. Wheels, exhausts, engines, sound systems and brakes are just some of the components gaining increased attention as vehicle owners scramble to personalise their car.

Where engine modifications are involved it often leads to a need for improved brake performance

and PBR has just released a range of brake upgrade kits under the PBR Performance brand to help fill that need.

The initial range of PBR Performance brakes has been developed specifically for Ford and Holden enthusiasts including the Monaro and its U.S. counterpart the Pontiac GTO. As a complete vehicle upgrade these ADR compliant systems incorporate

larger twin-piston front calipers, performance friction material front and rear, larger grooved and vented rotors and steel braided brake hoses.

"In addition to the massive stopping distance gains, PBR Performance brake systems are designed to deliver superior brake pedal feel, reduced brake fade and cooler braking"

Based on the demanding AMS testing some applications really flexed their brake muscle recording stopping distance improvements of up to 20metres compared with standard brakes.

AMS (Auto Motor und Sport) is a European standard derived from

motorsport. This is an ultimate abuse test for brake systems, where the car is driven at wide-open throttle to 100kph and then brought to a stop under maximum braking. This is repeated, as rapidly as the vehicle will permit, over 10 stops and the braking performance for the last stop is compared to that of the first stop as a measure of braking capacity/consistency.

In addition to the massive stopping distance gains, PBR Performance brake systems are designed to deliver superior brake pedal feel, reduced brake fade and cooler braking.

The upgrade system's have also been designed with ease of fitment in mind and include all the necessary hardware to make the transition from standard to Performance brakes.

Initial response to the new range, from both distributors and workshops, has been extremely positive.

Click here for Performance



performance focussed website, which not only discusses PBR's performance products, but also the reasons why people might need a brake upgrade in the first place.

Introducing the PBR Sports and PBR Performance product ranges has brought PBR much closer to the consumer end of the brake market.

This is a world dominated by car enthusiasts, many of whom have a passionate understanding of vehicle performance. Always on the lookout for the next improvement, they are hungry for information about the latest products and what they can deliver.

With that in mind, PBR has recently released a new

The new site is weighted towards technical content because there are so many questions people want answered regarding performance brakes and what makes them better.

The site also provides an opportunity for enthusiasts to interact on a more personal level by providing access to competitions, an exclusive news service and the opportunity to have their cars showcased in the owner's gallery.

The new site can be viewed at www.pbrperformance.com.au

PBR receives Toyota President's Award



On the 8th of April Toyota Australia held their annual President's Awards, which recognised and rewarded suppliers providing outstanding customer service during 2003.

PBR is proud to have received the President's Award in the OE Large Business category in recognition for outstanding performance in the areas of supply, quality and price.

PBR International President, Mr Grant Anderson, said the award acknowledged the dedicated efforts of the PBR team across all key areas of the business in maintaining a high customer focus.

AutoPartners get lucky

Now is the right time for Autopartners members to get on board buying PBR products. With huge prizes and bonus points up for grabs, including the major prize of 1 million points, you can't go wrong. And with the new PBR Performance upgrade kits earning 1,500 points each there has never been a better way to boost your points tally. For further information check out the AutoPartners website at www.autopartners.com.au



Get Smart with PBR's new brake caliper range



Doing brake work which involves repairs to the brake calipers has traditionally been tackled by the time-consuming process of stripping down the caliper in the workshop and replacing the rubber components with a caliper repair kit.

But times are changing. Some workshop owners are finding that skilled labour for this kind of work is getting harder to find. Others simply don't have the additional time required to undertake this kind of detailed repair work.

Customers are becoming more demanding; they want the cheapest job in half the time – with no comebacks.

Delivering a brake caliper program that suits every workshop's needs has always been a challenge. Some people are totally focussed on optimising brake performance whilst others are more interested in saving dollars.

PBR recognised the need to establish a brake caliper program that was sympathetic to the industry's needs without compromising on either quality

or performance. The result is a range of product that provides choice for the workshop owner to better suit their business requirements. In effect, it allows workshops the chance to get smarter about their brake work.

The new PBR brake caliper program consists of three product levels. The first level is known as "loaded calipers". These calipers come as complete changeover items, including OE quality disc pads and are well suited to businesses where high quality and fast turnaround is the order of the day.

The second level is known as "padless calipers" and as the name suggests they come as a complete changeover unit but without the disc pads. These products accommodate situations where a customer might be very specific about the disc pad material they wish to use.

The third level is known as "piston housings". Here the product consists of a caliper housing, piston and piston seals, enabling the re-use of existing anchor brackets and guide pins along with the flexibility of disc pad choice.

All calipers in the program are PBR factory assembled and leak tested so you know the quality is reliable. The total range is extensive with over 90 new product references covering 500 applications. To locate details of specific references you can visit the PBR catalogue via www.pbr.com.au

New home for future technology

Construction is now complete on the new technology centre in Melbourne, Australia which will become a focal point for future developments in lightweight and by-wire braking technology for the global automotive industry.



"...the new centre will play an increasingly important role in developing high-tech solutions for the automotive industry..."

The new centre consolidates the diverse range of engineering disciplines required to develop this new technology and also brings together key sales, manufacturing and purchasing personnel to further streamline the cross functional development of new products.

Incorporated in the new facility is the Research Centre for Advanced By-Wire Technologies (RABiT) which is a consortium between Pacifica Group Limited,

University of Melbourne, Swinburne University of Technology, Bishop Technology Group Ltd and the Victorian Government's Science, Technology and Innovation initiative.

The RABiT centre engages a team of electronics engineers, software development engineers and mechatronics engineers dedicated to the development of by-wire technologies.

As the global demand for PBR's lightweight brake system technologies, including the popular Banksia park brake and Slimline aluminium calipers, continues to grow, the new centre will play an increasingly important role in developing high-tech solutions for the automotive industry.

Setting new quality standards



The QS9000 quality system, originally created in 1995 by Ford, GM and Chrysler in the USA, is scheduled to be made redundant on 14 December 2006. In its place will be the "process focussed" ISO/TS16949, the first truly global quality system.

Whilst 2006 might be the ultimate deadline, PBR has been aggressively working to a mid 2004 timetable in line with the most demanding expectations of the automotive manufacturers.

In line with this expectation, PBR's Australian operation has recently been accredited to TS16949 and the remaining PBR global facilities are on track to undertake their certification audits later this year.

The shift to TS16949 has resulted in a total review of business processes with specific attention being drawn to customer, management and support processes. The new standard also underpins the company's continued work towards the ultimate goal of zero defects.

Red DOT colour change

Regular users of PBR red DOT brake fluid will have noticed the recent fluid colour change to slightly darker amber. What we thought was a relatively minor change didn't go unnoticed though. We received a number of phone calls about the change with some workshops concerned that maybe the fluid was "off".

Rest assured that the basic PBR red DOT formula hasn't changed and is still our recommended fluid for most driving styles and conditions. For brake systems that work a bit harder such as PBR Performance upgrades you should switch up to PBR gold DOT.



New brake caliper range

Make	Application			Front/ Rear	Left/ Right	Loaded	Padless	Piston Housing
FORD	FALCON	AU	09/1998 - 04/2000	REAR	Left Hand	B821-029	B821-029PL	B821-029PH
FORD	FALCON	AU	09/1998 - 04/2000	REAR	Right Hand	B821-030	B821-030PL	B821-030PH
FORD	FALCON	AU	04/2000 - 09/2002	REAR	Left Hand	B821-031	B821-031PL	B821-031PH
FORD	FALCON	AU	04/2000 - 09/2002	REAR	Right Hand	B821-032	B821-032PL	B821-032PH
FORD	FALCON	AU	09/1998 - 04/2000	FRONT	Left Hand	B851-129	N/A	B851-129PH
FORD	FALCON	AU	09/1998 - 04/2000	FRONT	Right Hand	B851-130	N/A	B851-130PH
FORD	FALCON	AU	04/2000 - 09/2002	FRONT	Left Hand	B862-047	B862-047PL	B862-047PH
FORD	FALCON	AU	04/2000 - 09/2002	FRONT	Right Hand	B862-048	B862-048PL	B862-048PH
FORD	FALCON	BA	09/2002 - 09/2004	REAR	Left Hand	B821-033	B821-033PL	B821-033PH
FORD	FALCON	BA	09/2002 - 09/2004	REAR	Right Hand	B821-034	B821-034PL	B821-034PH
FORD	FALCON	BA	09/2002 - 09/2004	FRONT	Left Hand	B862-159	B862-159PL	B862-159PH
FORD	FALCON	BA	09/2002 - 09/2004	FRONT	Right Hand	B862-160	B862-160PL	B862-160PH
FORD	FALCON	EA - ED	03/1988 - 07/1994	FRONT	Left Hand	B851-091	N/A	B851-091PH
FORD	FALCON	EA - ED	03/1988 - 07/1994	FRONT	Right Hand	B851-092	N/A	B851-092PH
FORD	FALCON	EA - ED	03/1988 - 07/1994	REAR	Right Hand	DB1508	N/A	DB1508PH
FORD	FALCON	EA - ED	03/1988 - 07/1994	REAR	Left Hand	DB1509	N/A	DB1509PH
FORD	FALCON	EF - EL	08/1994 - 08/1998	REAR	Left Hand	B821-027	B821-027PL	B821-027PH
FORD	FALCON	EF - EL	08/1994 - 08/1998	REAR	Right Hand	B821-028	B821-028PL	B821-028PH
FORD	FALCON	EF - EL	08/1994 - 08/1998	FRONT	Left Hand	B851-135	N/A	B851-135PH
FORD	FALCON	EF - EL	08/1994 - 08/1998	FRONT	Right Hand	B851-136	N/A	B851-136PH
FORD	FALCON	XE - XG	03/1992 - 03/1996	FRONT	Right Hand	B851-037	B851-037PL	B851-037PH
FORD	FALCON	XE - XG	03/1992 - 03/1996	FRONT	Left Hand	B851-038	B851-038PL	B851-038PH
FORD	FALCON	XG (UTE/VAN)	03/1993 - 03/1996	FRONT	Right Hand	B851-041	B851-041PL	B851-041PH
FORD	FALCON	XG (UTE/VAN)	03/1993 - 03/1996	FRONT	Left Hand	B851-042	B851-042PL	B851-042PH
HOLDEN	APOLLO	JK - JL	08/1989 - 02/1993	FRONT	Right Hand	B851-043	B851-043PL	B851-043PH
HOLDEN	APOLLO	JK - JL	08/1989 - 02/1993	FRONT	Left Hand	B851-044	B851-044PL	B851-044PH
HOLDEN	COMMODORE	VB - VL	11/1978 - 08/1988	FRONT	Right Hand	B843-100	B843-100PL	B843-100PH
HOLDEN	COMMODORE	VB - VL	11/1978 - 08/1988	FRONT	Left Hand	B843-101	B843-101PL	B843-101PH
HOLDEN	COMMODORE	VB - VS	11/1978 - 08/1997	REAR	Right Hand	B811-066	B811-066PL	B811-066PH
HOLDEN	COMMODORE	VB - VS	11/1978 - 08/1997	REAR	Left Hand	B811-067	B811-067PL	B811-067PH
HOLDEN	COMMODORE	VL - VP	03/1986 - 05/1992	FRONT	Left Hand	B843-145	B843-145PL	B843-145PH
HOLDEN	COMMODORE	VL - VP	03/1986 - 05/1992	FRONT	Right Hand	B843-146	B843-146PL	B843-146PH
HOLDEN	COMMODORE	VN - VP	08/1988 - 07/1993	FRONT	Left Hand	B843-143	B843-143PL	B843-143PH
HOLDEN	COMMODORE	VN - VP	08/1988 - 07/1993	FRONT	Right Hand	B843-144	B843-144PL	B843-144PH
HOLDEN	COMMODORE	VP - VS	10/1991 - 08/1997	REAR	Left Hand	B811-119	B811-119PL	B811-119PH
HOLDEN	COMMODORE	VP - VS	10/1991 - 08/1997	REAR	Right Hand	B811-120	B811-120PL	B811-120PH
HOLDEN	COMMODORE	VP - VS	05/1992 - 08/1999	FRONT	Left Hand	B843-163	B843-163PL	B843-163PH
HOLDEN	COMMODORE	VP - VS	05/1992 - 08/1999	FRONT	Right Hand	B843-164	B843-164PL	B843-164PH
HOLDEN	COMMODORE	VT - VY	09/1997 - 09/2004	REAR	Left Hand	B825-031	B825-031PL	B825-031PH
HOLDEN	COMMODORE	VT - VY	09/1997 - 09/2004	REAR	Right Hand	B825-032	B825-032PL	B825-032PH
HOLDEN	COMMODORE	VT - VY	09/1997 - 09/2004	FRONT	Left Hand	B862-027	B862-027PL	B862-027PH
HOLDEN	COMMODORE	VT - VY	09/1997 - 09/2004	FRONT	Right Hand	B862-028	B862-028PL	B862-028PH
HOLDEN	STATESMAN	WK	05/2003 -	REAR	Left Hand	B825-031	B825-031PL	B825-031PH
HOLDEN	STATESMAN	WK	05/2003 -	REAR	Right Hand	B825-032	B825-032PL	B825-032PH
HOLDEN	STATESMAN	WK	05/2003 -	FRONT	Left Hand	B862-027	B862-027PL	B862-027PH
HOLDEN	STATESMAN	WK	05/2003 -	FRONT	Right Hand	B862-028	B862-028PL	B862-028PH
MITSUBISHI	MAGNA	TE - TJ	04/1996 - 08/2001	REAR	Left Hand	B811-139	B811-139PL	B811-139PH
MITSUBISHI	MAGNA	TE - TJ	04/1996 - 08/2001	REAR	Right Hand	B811-140	B811-140PL	B811-140PH
MITSUBISHI	MAGNA	TE - TJ	04/1996 - 08/2001	FRONT	Left Hand	B851-149	B851-149PL	B851-149PH
MITSUBISHI	MAGNA	TE - TJ	04/1996 - 08/2001	FRONT	Right Hand	B851-150	B851-150PL	B851-150PH
MITSUBISHI	MAGNA	TM - TP	04/1985 - 04/1992	FRONT	Right Hand	B843-147	B843-147PL	B843-147PH
MITSUBISHI	MAGNA	TM - TP	04/1985 - 04/1992	FRONT	Left Hand	B843-148	B843-148PL	B843-148PH
MITSUBISHI	MAGNA	TN	04/1987 - 05/1989	FRONT	Right Hand	B843-139	B843-139PL	B843-139PH
MITSUBISHI	MAGNA	TN	04/1987 - 05/1989	FRONT	Left Hand	B843-140	B843-140PL	B843-140PH
MITSUBISHI	MAGNA	TR - TS	04/1991 - 01/1997	REAR	Left Hand	B811-115	B811-115PL	B811-115PH
MITSUBISHI	MAGNA	TR - TS	04/1991 - 01/1997	REAR	Right Hand	B811-116	B811-116PL	B811-116PH
MITSUBISHI	VERADA	KE - KJ	10/1996 - 08/2001	REAR	Left Hand	B811-139	B811-139PL	B811-139PH
MITSUBISHI	VERADA	KE - KJ	10/1996 - 08/2001	REAR	Right Hand	B811-140	B811-140PL	B811-140PH
MITSUBISHI	VERADA	KE - KJ	10/1996 - 08/2001	FRONT	Left Hand	B851-149	B851-149PL	B851-149PH
MITSUBISHI	VERADA	KE - KJ	10/1996 - 08/2001	FRONT	Right Hand	B851-150	B851-150PL	B851-150PH
MITSUBISHI	VERADA	KR	07/1991 - 03/1994	REAR	Left Hand	B811-115	B811-115PL	B811-115PH
MITSUBISHI	VERADA	KR	07/1991 - 03/1994	REAR	Right Hand	B811-116	B811-116PL	B811-116PH
MITSUBISHI	MAGNA	TS	09/1995 - 02/1997	FRONT	Left Hand	B851-109	B851-109PL	B851-109PH
MITSUBISHI	MAGNA	TS	09/1995 - 02/1997	FRONT	Right Hand	B851-110	B851-110PL	B851-110PH
MITSUBISHI	MAGNA	TS	09/1995 - 02/1997	FRONT	Left Hand	B851-111	B851-111PL	B851-111PH
MITSUBISHI	MAGNA	TS	09/1995 - 02/1997	FRONT	Right Hand	B851-112	B851-112PL	B851-112PH
TOYOTA	CAMRY (& VIENTA)	SV20 - SV22	05/1987 - 02/1993	FRONT	Right Hand	B851-043	B851-043PL	B851-043PH
TOYOTA	CAMRY (& VIENTA)	SV20 - SV22	05/1987 - 02/1993	FRONT	Left Hand	B851-044	B851-044PL	B851-044PH
TOYOTA	LEXCEN	VN19/35	09/1989 - 04/1995	REAR	Right Hand	B811-066	B811-066PL	B811-066PH
TOYOTA	LEXCEN	VN19/35	09/1989 - 04/1995	REAR	Left Hand	B811-067	B811-067PL	B811-067PH
TOYOTA	LEXCEN	VN19/35	09/1989 - 11/1991	FRONT	Left Hand	B843-143	B843-143PL	B843-143PH
TOYOTA	LEXCEN	VN19/35	09/1989 - 11/1991	FRONT	Right Hand	B843-144	B843-144PL	B843-144PH
TOYOTA	LEXCEN	VP19/35	11/1991 - 05/1997	FRONT	Left Hand	B843-163	B843-163PL	B843-163PH
TOYOTA	LEXCEN	VP19/35	11/1991 - 05/1997	FRONT	Right Hand	B843-164	B843-164PL	B843-164PH
TOYOTA	LEXCEN	VP19/35	11/1991 - 05/1997	REAR	Left Hand	B811-119	B811-119PL	B811-119PH
TOYOTA	LEXCEN	VP19/35	11/1991 - 05/1997	REAR	Right Hand	B811-120	B811-120PL	B811-120PH

This information provides an overview of PBR's new brake caliper range.

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

The face of PBR



You might not recognise the face but many of you will certainly know the voice of Scott Appledore. Scott is one of the key members of PBR's customer service team.

Scott has spent the past two years helping PBR customers with their enquiries on technical, catalogue and product issues as well as taking phone orders. His solid background in the automotive aftermarket through Repco, where he spent five years working in the Moorabbin store and then later on the road as an account manager, has made Scott a real asset in this area of the business.

The customer service centre receives up to 300 calls each day and Scott said this is growing steadily with a lot more people making enquiries about the new PBR Performance products.

More recently, Scott has been spending one day a week on the road getting his face better known through the Burson and Repco stores. Spending time on the road also allows Scott to gather valuable information about our customer's needs so we can develop better programs and services.

Next time you need some PBR advice, give Scott a call on 1300 369 727.



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