

# BRAKING NEWS!

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## Welcome to BRAKING NEWS!

Welcome to the 25th edition of the official NBS Brake Supplies newsletter 'Braking News.' The purpose of this newsletter is to keep you up to date with our range of products and services here at NBS, and informed of any new developments. Our ever popular technical section aims to address issues in the automotive industry that we come across from time to time. Please read and pass on to any other staff members.

## One of Australia's most comprehensive ranges of Caliper Kits



The Partwise® range of brake rubberware is a favourite with both repairers and resellers Australia wide.

The caliper kit range has increased considerably in recent months, with the addition of many new European applications. This has also included slide pin kits for vehicles such as late model Ford Transits, with a history of slide pin problems.

Partwise® kits are packed with the rebuilder in mind, and include parts not always found in other brands, such as slide boots, etc. The range is constantly being proven and evaluated in our reconditioning department. Looking for mineral oil seals? Just give one of our sales team a call. The Partwise® range of mineral oil seals is one of the largest in Australia, and is continually expanding. In many cases, the genuine manufacturers now do not offer repair kits, and new cylinders can be very expensive.



NBS distribute the 'Xtreme' range of performance clutch kits from Australian Clutch Services.

The range includes over 2200 performance clutch kits in both single and multi plate options. As well as being an ideal option for towing vehicles, Xtreme can cater for all your needs including high horsepower street, drag, drift and race applications.



## Introducing the 'Autoinfo' electronic cataloging system

Over the coming months, NBS will be loading the Partwise® range of brake and clutch parts on the Autoinfo 'Oscar' cataloguing system. This is an excellent, VIN driven on line catalogue for the automotive industry, with many major manufacturers product details included. Please see the Autoinfo website [www.autoinfo.com.au](http://www.autoinfo.com.au) for more details.



**CALL NOW!**

**1800 780 858**

**[www.nbsbrakesupplies.com.au](http://www.nbsbrakesupplies.com.au)**

# TECHNICAL CORNER

## Helpful tips on master cyl vs wheel/slave cylinder size

- Increase M/cyl size: Improves pedal height, but decreases stopping performance.
- Decrease M/Cyl size: Decreases pedal height, increases stopping performance – in clutch applications to decrease master cyl size gives a softer pedal, but less travel at slave.
- Increase Wheel Cyl size: Increases stopping performance, increases pedal travel – needed for vehicles with not enough rear brakes.
- Decrease Wheel Cyl size: Decreases stopping performance, decreases travel – sometimes needed where a vehicle has rear brake lock up.
- Decrease Clutch Slave Cyl size: Increases travel – sometimes needed with heavy duty clutch upgrades.

## Some of our recent work... Mercedes Unimog



We recently rebuilt all four calipers off a Mercedes Unimog, which involved importing some of the parts, including handbrake mechanisms from overseas.

### Lancia Flavia 1967

This vehicle ran a Bonaldi tandem piston type hydrovac (PW7109R.)



We also rebuilt the master cylinder (PW5108R) and the Dunlop Front (PW9092R) and Rear (PW9093R) Calipers.



## Lockheed Brake Boosters



Restoring an English vehicle? Don't forget we can rebuild most Lockheed & Girling remote boosters to as new condition.

Lockheed 6 7/8" units such as fitted to Jaguar MK2's are a specialty. We have had many parts reproduced for these boosters to ensure a rebuild to the highest standards.

Lockheed 5 1/2" units such as fitted to Mini's are rebuilt in house to exacting standards. This type of rebuild is ideal for those wanting to keep their Coopers as per original specifications.

## Brake Hose Manufacturing

Don't forget our in house hose manufacturing service. NBS can manufacture hoses to ADR standards, including braided hoses.





# PRESSURE BLEEDERS....

The days of frustration when bleeding brake and clutch systems can be finally over for your workshop. NBS distribute the exciting range of Bleedpro Pressure bleeders and associated equipment for the Australian market. Specifically made with the Australian market in mind, one of these machines is a must for your workshop. Think of it – no more tying up two mechanics trying to bleed brakes, no more unnecessary time wasted trying to bleed a difficult system, and more efficient, productive time from your team!

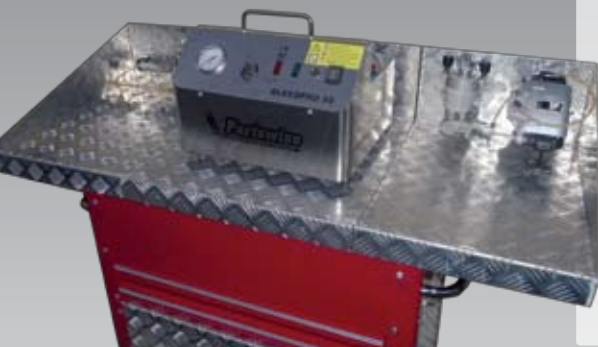


Basically, the purpose of these machines is to allow fast, simple and effective brake bleeding. Partwise® Pressure bleeders offer unparalleled performance, with a 12volt electric pump for quiet operation, market leading pulsation pressure mode to dislodge the most stubborn pockets of air, and continuously variable operating pressure to cover every application.

The Bleedpro range comes in starter packs to suit your individual needs. A common starter pack for a typical general brake workshop includes 9 adaptors that cover most common applications, as well as a syringe for evacuating the old fluid out of the master cylinder. NBS have manufactured a specific fit adaptor to suit the PBR ADR type master cylinder with the oval plastic reservoir.

## No obligation demonstrations at your workshop!

NBS offer no obligation demonstrations throughout many areas of Victoria and some of southern NSW. Our demo unit has a PBR oval master cylinder and caliper set up as if they were actually on a car, and will quickly show you how quick and easy fluid flushing can be! Give our sales staff a call to see if a demonstration can be held in your area.



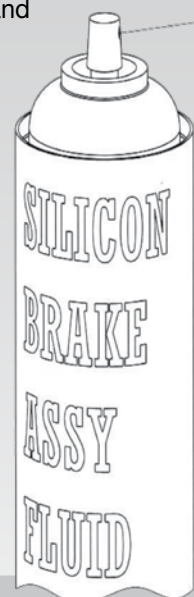
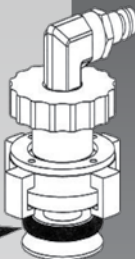
## A little reminder to all those workshops out there who have purchased a Bleedpro system...

Firstly we'd like to thank our customers for their feedback after purchasing a Bleedpro system. It gives us great pleasure in hearing the stories of how much time you have saved, and how many more fluid flushes you are doing as a result of having this system. We also really appreciate the feedback on how the system can be improved also. We certainly do our best and listen and act on your suggestions.

Like most moving things in life – the adaptors need a little maintenance. This particularly applies to the adaptors using the expanding O-ring to seal. This is particularly important on the oval ADR cylinder. The O-ring needs regular lubrication! A little spray every week or so with a brake assembly fluid is all that is needed.

If you are having issues with the oval adaptor sealing, in many cases simply lubricating the O-ring fixes the problem.

The Bleedpro packages come with adaptor maintenance and usage instructions – if you have misplaced these simply let us know and we'll send another out.



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# ..all your brake & clutch needs..

## Products of Interest..

### Brake Pipe Tube Straightener



Straightens light wall tubing from 3/16 to 1/2 inch in an instant. Simply feed your coil of tube into the straightener and it comes out straight on the other side. Fully adjustable - smooth operation - economical even for the small repairer.

### Air operated Caliper Piston Windback Kit



Press the air trigger to apply force against the piston, and then turn the handle to wind back the piston.

Includes 17 adaptors to suit most Australian applications.

### Not very logical...

*Dad and Dave were speeding down the road. A police car pulled them over.*

*"You were going one hundred and thirty!" the officer yelled. "What's the big idea?"*

*"We have a good reason," Dave explained to the cop. "Our brakes are no good, so we wanted to get home quickly before we had an accident!"*

### Have you noticed our cylinders have been turning silver?



After years of outsourcing our electroplating needs, NBS have now invested in our own system.

Electroplating is the ideal solution for long term protection against the rusting of cylinders.

We have always had a policy of plating certain parts, particularly components for the restoration industry, when remanufacturing, but our ultimate aim is for most cast iron cylinders to be finished in this way.

**FOR SALE!**



### 1 Only Smoke Pro Leak Detection Machine!

We have surplus to our requirements a new, unused professional quality Smoke Pro Leak Detection Machine. These machines are renowned worldwide for their simple and effective use for detecting leaks in many applications.

We use one of these machines in our booster remanufacturing department, so we can recommend from experience. These machines are brilliant for finding problem vacuum leaks in intake systems, etc.

This machine was brought out with our other machine thinking we may need two - but one does the job so well that's all we have ever used!

**\$1000 +GST**



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