

COMMITTEE

рн. 864057 (н) WERNER STROTMANN PRESIDENT PH. 889609 (H) VICE MIKE HOUSTON PRESIDENT 684429 (w) рн. 318059 (н) MARK COGHLAN SECRETARY PH. 864057 (H) URSULA STROTMANN TREASURER PH. 919329 (H) 733777 (W) TOURING BOB RUMSEY SECRETARY PH. 957403 (H) 633799 (w) SOCIAL FRANK MILLWOOD SECRETARY 887508 (w) РН. 816559 (н)

TOOLS OFFICER :- FRANK MILLWOOD

FDITOR

JENNI COLE

CLUB ACTIVITIES

SECOND MONDAY OF THE MONTH FROM 7.45PM. GENERAL ROYALS RUGBY FOOTBALL CLUB, LIARDET ST, WESTON MEETINGS

FIRST WEEKEND OF THE MONTH (SAT. OR SUN.)
MEET AT WESTON MOTORCYCLES. SEE "WHAT'S ON" PAGE. CLUB RUNS AS ARRANGED. WATCH "MINUTES" & "WHAT'S ON" PAGES. SOCIAL EVENTS

FIRST WEEKEND IN OCTOBER. KOSCIUSKO KOSCIUSKO NATIONAL PARK, GEEHI HUT CAMPSITE. RALLY

ASSOCIATE - \$10 / \$1? SINGLE - \$10 JOINT - \$12 MEMBERSHIP

DISCOUNTS

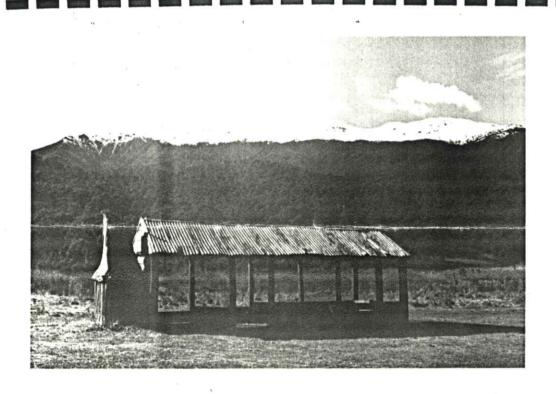
GENGE MOTORCYCLES WESTON MOTORCYCLES 7 LONSDALE STREET, 49 BRIERLY STREET, BRADDON, PH. 497923 WESTON, PH. 888747

JOE'S MOTORCYCLE WRECKERS UNIT 10, 3 WILUNA STREET, FYSHWICK, PH. 806703

PADDY PALLIN 46 NORTHBOURNE AVE, CIVIC. PH. 478949 (AVAILABLE ON PURCHASES TOTALLING OVER \$300)

PLEASE SHOW YOUR MEMBERSHIP CARD

Jack Frost Rally, near Taralga, via Goulburn, NSW. SEP 21 - 22 KOSCIUSKO RALLY, Kosciusko National Park, 5 - 7 OCT Geehi Hut Campsite. Outfit Rally, VIC. OCT 5 -World's End Rally, Quorn, SA. OCT 5 -7 Rally 'Round the Bend, Overland Corner, near Barmera, 12 - 14 OCT Thunder Rally, Lake Cargelligo, NSW. 12 - 13 OCT GENERAL MEETING, Royals Rugby Football Club, Weston. OCT 14 7.45pm. King River Rally, VIC OCT 26 - 27 Observation Rally, from Portland near Sydney to 26 - 27OCT Gloucester near Newcastle. CLUB RUN, Trip to South Coast, staying at a Hotel, NOV 2 - 3 details to be advised. 100th Anniversary Rally, Phillip Island, VIC. 2 -NOV Falls Rally, near Moe, VIC. 9 - 10NOV Evans Crown Rally, near Cobram on the Murray River. NOV 16 - 17



KOSCIUSKO RALLY SITE - see Pre-Rally Report page 5

MINUTES OF GENERAL MEETING

9 SEPTEMBER 1985

Meeting opened at 8.10pm at Royals Rugby Football Club, Weston with 19 members and 8 visitors (Graham & Ken Auld, Philip Chown, Andrew Grant, Peter Jess, Paul Schwager plus Tim Sheldrick and Jenny Martin) present. Six apologies were received.

MINUTES of August General Meeting accepted as published. Moved by Moff, seconded by Fran Gilchrist.

CORRESPONDENCE

OUT : BMW Australia - request for donations for K.Rally.

IN : Magazines QLD and VIC Clubs.

BUSINESS

. Monthly financial report by Liz Coghlan (temp. relief Treasurer)

. Kosciusko Rally sub-committee progress from Bob Rumsey

. K. Rally entry fee for members \$2.50 each member

. Revised draft Constitution not ready so vote not taken

. BMW helmets successful court case brief report

. Club T-shirts available - limited quantity & sizes for \$7 each.

GENERAL BUSINESS

Country Pub weekend trip 2 & 3 November report by Moff
 details next Journal accommodation for 20 to be finalised

. Note of thanks to Leigh McNally at Weston Motorcycles for years of special sales assistance to Club members.

NEXT MEETING 14 October

NEXT RUN Kosciusko Rally 5 - 7 October

Meeting Closed at 8.35pm.

Current membership is 67.

Mark C. 10 September 1985

RECENT NEW MEMBERSHIPS

Walter	BAGNAROL	W.	804944	Phili	i p	CHOWN	Yas	SS
Peter	HEMPEL		702981 415957	Stanl		JONES		662884 417383
Peter	КОСН		474777 417111		&		Н.	851811 547155 soc.'s)

RECENT RENEWED MEMBERSHIPS

George & Rada MILLWOOD

H. 7988515(02) Peter OLIVER W

W. 527071 H. 472724

A NOTE FROM THE PREZ

Hi,

The time has come again when we feel like riding our motor cycles in T-shirts and denim jeans instead of wearing the bulkier leathers, boots and gloves. Although this is very understandable, it is also potentially a dangerous practice.

I recently read a report in a European motor cycle journal concerning safety clothing when riding a motor cycle. The report by the Institute for Law and Medicine at the University of Munich had some predictable words of wisdom.

Research showed that good quality all over protective clothing gave 80% of wearers protection from any permanent injury following an accident. Of the hospitalised cases, those without protective gear stayed in hospital on average for an additional 14 days and all suffered some kind of permanent injury. Most included skin injuries for the T-shirt wearers. An unpleasant thought.

So in the interest of maintaining our Club's good safety record, please continue to be conscious about personal protection and do the right thing.

Apologies for Ursula and myself are given for the period of our holidays (a month or two) which were to have been in July but business problems prevented that.

Cheers,

WERNER

RIDING INSTRUCTION COURSE

- CATERS TO YOUR ABILITY -

EX-POLICE RIDING AND DRIVING INSTRUCTOR, BRIAN GRIFFIN \$ 120 (\$ 15 DISCOUNT FOR GROUPS)

4 HRS THEORY (C.C.A.E.) & 8 HRS PRACTICAL

1st group is attending 19th & 22nd september

CONTACT
JEANETTE HAHN
319314 (H)

ANSWERS TO LAST MONTH'S BMW HISTORY & PERSONALITY QUESTIONS -

- 1. c) Georg Meir also known as Sehorsh Meir.
- 2. d) in 1952 the first 100 mph production BMW
- 3. e) the R12 which was a 750 cc motorcycle
- 4. a) in 1935 the year the R12 was released
- 5. a) 19 from 1954 til 1974 missing out in 1968 and 1971.

CLASSIFIEDS

FOR SALE

NEW KRAUSER CRASH BARS FOR R SERIES. \$ 85 IAN 319314 (H)

1959 R60, RESTORED. \$ 4,200 JOE KNIGHT (069) 214205 (W) 226055 (H)

CLUB T-SHIRTS \$ 7 ORDERS TAKEN BOB RUMSEY 919329 (H)

1984 K100RS, SILVER, 18,000 KMS, INCLUDES BMW PANNIERS & RACK. \$ 6,500 MARK GROSSBECHLER 917589 (H) AFTER 4.30 Mon-SAT, ALL SUN

POLICE TYPE CRASH GUARDS
SUIT /7 OR LATER \$ 20

PAINT - TOUCH UP KIT - BLUE
FOR /7 SERIES.
BILL BROWN 454493 (W) 547220 (H)

HOLDEN CAMIRA '83, 5 SPEED,
AIR-CONDITIONING, 30,000 KMS,
RUST PROOFING, 10 MONTHS REGO,
TOW BAR, VERY ECONOMICAL,
GARRY COLCOTT 655187 (W)

CLUB JUMPERS (NAVY STYLE) \$30 ORDERS TAKEN URSULA 864057

PANNIERS & RACK COMPLETE V.G.C. \$ 250

TABLE TENNIS TABLE BEST OFFER

LEATHER JACKET MEDIUM SIZE BEST OFFER MOFF 886895 (H)

KRAUSER 4 VALVE HEADS &
MATCHED PISTON SET
(1st oversize)18% to 20%
POWER INCREASE, (to 83 HP AT
7300 RPM), FLATTER TORQUE
CURVE, (to 84 NM AT 4000 RPM)
REDUCED VIBRATION, IMPROVED
FUEL CONSUMPTION, HIGH
QUALITY CONSTRUCTION,
NORMALLY \$ 1700 PLUS,
ONLY \$ 1400 O.N.O.
MICHEAL BACHMANN
(069) 233233 EXT 3756 (A.H.)

WANTED

/5 MODEL HEADLIGHT, WITH INSTRUMENTS IF POSSIBLE, IN REASONABLE CONDITION. PAUL SCHWAGER 816559 (H)

'INSTINCT IS UNTAUGHT ABILITY'

DR. A. BAIN

PRE-RALLY REPORT

About forty entries have been received so far, have you put yours in yet? (Members \$2.50)

Looks like it will be a great weekend, here's a bit of info from a couple of the Rally sub-committee members.

See you there !

Ed.

Two meetings have been held by the Rally sub-committee so far, everything going ahead okay. Most supplies have been bought, the badges have been ordered and should be here any day.

Four Club members went up to Geehi Hut campsite, (Warren and Fran accompanied them as far as Dead Horse Gap) on a 'reconnaissance mission' last weekend (14 & 15 September).

Site and camping area is in a very good condition. Wood is a bit scarce, you'll have to go looking! Plenty of water. The local Ranger and Police have been notified of our intended presence.

There's a 'big' fishing competition in Khancoban that weekend, so if you are so inclined, bring

along a line. Entry forms will be available at the Rally site. We may expect to find 'fisherpersons' in the area over the weekend.

The roads are in a good condition other than the first 2-3 kms of dirt between Dead Horse Gap and Pilot Lookout should it be wet. (Thedbo end). Khancoban end great.



On Sunday, Olsen's Lookout is the proposed site for a lunch/ run, about 15 km from Geehi, good (dirt) road all the way.

Volunteers will be required over the weekend, to assist with distribution of badges, coffee, tea etc. as well as gathering fire wood.

We'll also need helpers on the Monday and/ or Tuesday for clearing up.

Anyone with a spare gas lamp, please advise the Rally sub-committee if available for loan over the weekend.

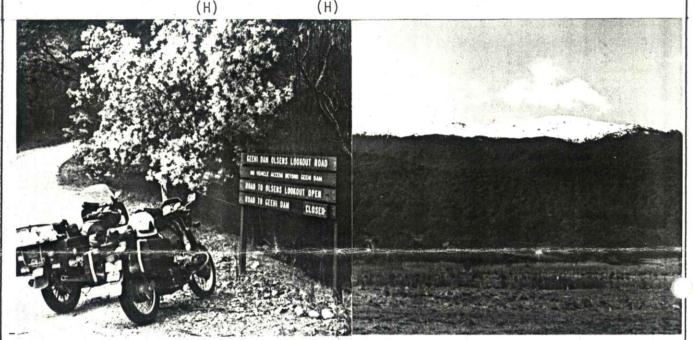
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Photos: Bob Rumsey

Pre-Rally Report continued....

Final e-Rally meeting will be Monday 30th September, 8.00pm at Chris's.

Please contact BOB RUMSEY or CHRIS FULKER for further information or 919329 310114 offers of help.



Application on helmets rejected

The Federal Court in Sydney has rejected an application by the Trade Practices Commission for an injunction to restrain BMW Australia from selling their System motorcycle helmets in Australia.

The case, over an alleged breach of the mandatory Consumer Products Safety Standard, arose from allegations made last year to the House of Representatives Standing Committee on Road Safety.

A witness before the committee, also an importer of motorcycle helmets, gave evidence that the BMW helmet may not comply with the current Australian standard.

The helmets were already approved and certified by the Standards Association of Australia.

On Tuesday, Mr Justice Sheppard found that the BMW helmet complied with with the standard and awarded costs in BMW's favour. SEEN IN THE PAPERS -

STOP PRESS

BMW System Helmets now available at Weston Motorcycles all sizes in stock \$199

More MPs in Canberra

THE AUSTRALIAN Federal Police have just taken delivery of an initial order of 200 Pirelli MP7 tyres for their BMW K100 motorcycles.

The Canberra-based Federal Police, the first force in the world to take delivery of the specially modified K100s, needed replacements for the originally-fitted Michelin tyres. After extensive testing of all tyres offered to them, Pirelli MP7s were chosen for their supreme safety and performance in wet and dry conditions and brilliant braking characteristics.

The Pirelli MP7s greatly improved the already noted stability of the BMW. It was also the long life and great control of the "radial-concept" Pirelli's which proved to be major factors in their decision.

Meanwhile, the NSW Highway Patrol are currently replacing their BMW R100 machines (shod with Pirelli Phantom Supertouring tyres), with similar K100 machines. They too, are replacing the original tyres with Pirelli MP7s.

THE CANBERRA TIMES

BIKE Australia

THE R12

The R12 was made from 1935 til 1938 in which some 36,000 examples were built, it replaced the R11 as the touring and sidecar machine in the BMW range at the time.

The motor, a type M56S6 was a flat twin side valve four stroke, it had a capacity of 745 cm3 with a bore and stroke of 78 x 78 mm, with a compression ratio of 5.2 to 1. The single carburettor motor putting out 18 BHP at 3,400 rpm, with a twin carburettor motor putting out 20 BHP at 4,000 rpm. There was a double-disc dry clutch which fed power straight to a type 212/1 four speed gearbox with gear ratio of 3.18 to 1 for 1st, 2.06 to 1 for 2nd, 1.42 to 1 for 3rd and 1.09 to 1 for 4th with a final drive ratio of 4.07 to 1 for solo and 4.75 to 1 for sidecars.

The frame type 212/1 was a rigid pressed steel twin loop, the front forks were maintenance free telescopic with hydraulic shock absorbers, the rear end was rigid. Wheels were interchangeable 19 inch with single leading shoe brakes front and back.

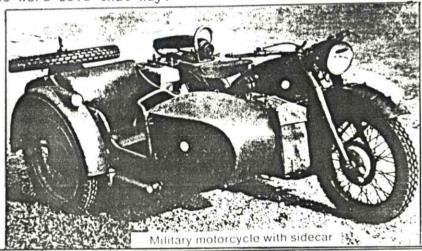
The R12 was 2100mm long with a height of 940mm, a width of 900mm and weighed in at 185kg unladen. Fuel tank capacity was 17 litres with a fuel consumption of 18km/l, it had a range of 300km. The R12 had a top speed of 110 km/h solo or 90km/h if fitted with a sidecar.

BMW led the world with the R12 being the first bike to be fitted with telescopic forks, it was also the first BMW to become readily available in Great Britian through A.F.N. Ltd who sold the cars in Great Britian as FRAZER NASH - BMW,

but I do not know if the bikes were sold that way.

The R12 was the most popular pre-war BMW model selling an average of 9,000 bikes a year, these bikes were often with sidecars using either the Stieb or Munich based Royal chair. The bikes were used by the German Army and Mail Service as well as commercial and local fire fighting.

FRANK R80ST





THE CLUB RUN TO YOUNG - (RICHARD GORDON'S PLACE)

Sunday morning I awoke to heavy rain and I said that was alright because we had no bike and were therefore not able to go on the run. (The new tank was in being fitted to our bike). I had breakfast and then Taffy phoned to ask if we were going. I said "No" because we had no bike. He asked what was wrong and I told him. He said "What a shame".

Five minutes later Doug called and said that the excuse we had was not good enough. I said "But the bike....". He didn't let me finish, "It only takes ten minutes and the bike is running". I told that to Werner and he had a chat to Doug, then after that we got dressed to go on the run. Our daughter gave us a lift to Weston. When we arrived at the meeting place Doug was already working on the bike. It took him half an hour and the bike was running. The members who were coming on the run had waited patiently for us and at 10.30 we were on our way.

The weather cleared up when we left. On the Barton Highway Taffy joined us and we swapped bikes. We rode Taffy's bike with the new shock absorber as he wanted us to try it out. Werner was happy with

the comfort but I found the ride to be too hard.

We had a hail shower before Yass but it cleared again and we had

good weather all the way. It's a very beautiful countryside but the cherries were not in blossom because it was too early yet.

We arrived at Richard Gordon's place before one o'clock with some locals on bikes waiting for us. We had to go through some paddocks to where Richard had made a BBQ for us. I was so happy that Doug made it possible for us to be on this run because it was beautiful and we had such nice company.

Then the sky told us it was time to go. Richard informed us that it would rain in half an hour, so everybody left very happy. He was

right, we left just in time as we saw the rain behind us.

Taffy of course had to swap bikes again and picked Warren's. After a while he had enough of it so we stopped in a small town. He then said "I would like to have my bike back, but when everybody had filled up the tanks he took Doug's bike, and said "I like this bike".

Werner was wondering why Taffy was always taking somebody else's bike but his own. He told Taffy, "In the time you ride everybody else's bike you don't use petrol on yours".

Anyhow on the way back from Yass to Canberra, the men had a ball

and I had to jab Werner's ribs for him to brake because they were both travelling too fast for me.

On the first turn-off into Canberra we departed very happily

from a nice Sunday outing.

Ursula Strotmann

Suggested Rally Camping Equipment

TENT with poles, pegs & fly SLEEPING BAG (S) FRYING PAN PLATES (plastic or metal) KNIFE, FORK & SPOON CAN OPENER

BILLY

MATCHES CUPS TEA, COFFEE, SUGAR, MILK TOILET PAPER - never know when it will come in handy ie. writing on, starting fires etc. SML FIRST AID ITEMS

Below is the Australian information relating to unleaded petrol(ULP):

unleaded petrol:

As a result of an agreement in 1981 between the Commonwealth and State governments unleaded petrol will be introduced throughout Australia by July 1985.

From I January 1986, all new passenger webicles manufactured for sale in Australia will be required by law to use unleaded petrol. The new standards will apply to motorcycles from I March 1988, and petrol-engined trucks from I July 1988.

Super petrol will continue to be available for many years, alongside the new unleaded petrol grade. Standard petrol will go off the market when unleaded petrol is introduced. The storage, distribution and retail dispensing facilities now used for standard petrol will be cleaned out and switched to unleaded petrol.

Introduction

high level of petrol consumption. unsatisfactory, primarily because of the content often exceed the National Health and lead concentrations by limiting the lead the air in several Australian cities level; and Government action to reduce serious health problems. Lead levels in is poisonous. Research Council's of petrol It can cause has maximum proved

Exhaust futnes are responsible for most of the lead and carbon monoxide in the atmosphere and much of the hydrocarbons and oxides of nitrogen (the latter compounds react to produce photo-chemical smog).

In February 1981, the Commonwealth Government and the Governments of the

States and Territories decided to introduce unleaded petrol on a national basis. As a result, all new passenger cars and derivitives (ie. utilities and panel wans etc.) manufactured after panuary 1986 will be required to operate on unleaded petrol, and the oil companies will be making it available by July 1985.

The use of ULP is covered by Australian Design Rule 37. Australian Design Rule 37. Australian Design Rule 37. Australian Design Rule requirements are largely reflected in State legislation although they may be complemented by local environmental legislation. ADR 37 also sets new emission standards for carbon monoxide and hydrocarbons and specifies dimensions for the ULP nozzle on the petrol bowser and the fuel filler inlet on the wehicle. The latter specification is to prevent misfuelling, ie: when leaded petrol is used in vehicles designed to use ULP.

Manufacturers will in most cases meet the new standards set by ADR 37 by the introduction of the catalytic converter which has been in use overseas for some years.

Initial additional costs imposed on motorists and business people as the result of the introduction of ULP will be offset by the savings to oil companies as standard petrolis withdrawn from the market and because ULP promotes better fuel economy and lower maintermance needs.

Why is lead currently added to petrol?

Lead is added to petrol as a way of increasing its octane number. This gives resistance to engine "knock" or "pinging".

The octane rating of petrol is a measure of its anti-knock characteristics, not its power. The average octane rating of petrol at

refineries before lead is added is about 90. Using high-octane petrol in an engine designed to run on lower-octane petrol is wasteful. At least one-third of the cars on the road today will run just as well on 89 or 92 octane petrol (standard) as on 97 octane fuel (super), although only about 10 percent of motorists take advantage of this fact.

motorists take advantage of this fact.
To distinguish ULP from the red-coloured super grade it will be pale yellow, and will have an octane rating between those of super and standard.
For example, the comparative octane

ratings are:
Super petrol 97

Unleaded petrol 91-93 Standard petrol 89-92

The decision by Federal and State Governments that ULP of 92 octane rating should be introduced was based on a study which recognised the desirability of keeping costs down and of conserving oil. To make ULP of 97 octane rating would mean using significantly more crude oil in refineries, thereby raising costs. Government authurities determined the optimum rating for Australian ULP as 92, and engines of 1986 model vehicles will have compression ratios to match that.

How serious is our lead air pollution?

Each year some seven thousand tonnes of fine lead particles are added to Australia's air. Most of it comes from the exhaust of vehicles with petrol

Indeed most of the lead added to petrol ends up polluting the air. As petrol evaporates from storage, handling facilities and motor vehicle fuel-system vents, lead escapes into the atmosphere. After combustion, some lead is deposited in motor vehicle engines and exhaust systems. Some contaminates engine lubricating oil and is often sent into the atmosphere when reclaimed oil is burnt as a fuel.

But most lead in petrol burnt in motor vehicle engines - about 70 percent - is discharged directly to the atmosphere through the exhaust.

dusty fingers, toys and other objects in their mouths.

lead is highly toxic and when inhaled or ingested in sufficient quantities can damage health severely. There is increasing concern about the effects of even low concentrations of lead on people, especially children.

Children are more susceptible to the effects of lead than adults, and their developing nervous systems are more easily damaged. Effects in children include reduced intelligence, reduced ability to concentrate, and hyperactivity.

Pregnant women are another group identified in some studies as having a greater than average susceptibility to the harmful effects of even low levels of lead. The National Health and Medical Research Council estimates that 20 percent of all lead taken in by

people is inhaled.

Lead emmissions have been controlled to some extent in recent years by limiting the lead content of petrol. Despite this action atmospheric lead concentrations have not been reduced to satisfactory levels. To meet health goals more stringent controls on lead are required. The most effective way of reducing lead pollution is not to add lead to petrol in the first place.

Recommended levels have often been exceeded in Melbourne, Sydney, Brisbane, Adelaide, and Camberra. Research in Australia and overseas indicates that lead levels lower than those previously thought to be significant may now be harmful to health.

In addition to the health effects of lead pollution, ethylene dibromide, one of the "lead Scavengers" commonly added to petrol to reduce the amount of lead deposited in engines, can cause cancer. In 1983 it was recommended phasing out ethylene dibromide as an additive in petrol.

How will unleaded petrol help?

The introduction of ULP and the new emission standards will:

*reduce lead pollution in Australian cities and towns;

*reduce other forms of air pollution, especially:

-carbon monoxide

drink. Children absorb by putting

directly when we breath and indirectly

Lead in the air enters our bodies

-hydrocarbon emissions, which help -particles which contribute to the create photochemical smog

brown haze in Australia's major

*phase out use of ethylene dibromide as a petrol additive; -oxides of nitrogen from some vehicles;

*reduce maintenance for motor vehicles; *improve vehicle fuel economy and reduce potential requirements for crude oil;

*improve community health and reduce quality improves. environmental degradation as air

very much reduced in almost all urban atmospheric lead concentrations will be road, lead emissions from motor cars vehicles using leaded petrol go off the By using ULP and, in time, as the older virtually eliminated. Thus

Catalytic converters

exhaust emissions. use catalytic converters and other new engine -control technologies to control Vehicle manufacturers will be able to

helped by catalysts such as platinum and ability to control exhaust emissions palladium. Converters can only be used gases to Catalytic converters convert harmful The chemical reactions are and greatly reduces their water vapour because lead poisons the and carbon

engine-based emission control. vehicle manufacturers will be free to between the engine and the muffler. Thus are installed in the exhaust system particles and oxides of nitrogen. They hydrocarbons, carbon Catalytic Converters can dramatically and exhaust imposed tune engines monoxide, emissions ьу without current of

United States, Canada and Japan, all of Europe over the next few years. converters since 1975-76. ULP is also which have ULP, have used catalytic being introduced in several countries in vehicle manufacturers in the

help to reduce these pollutants. ULP/catalytic converter program could controls on emissions of fine particles standards will not the of new nitrogen, impose stricter motor vehicle

Pre-1986 vehicles

of existing vehicles can use standard run just as efficiently on unleaded (91-93 octane) petrol. Some 30 percent petrol. satisfactorily on leaded standard-grade (89 or 92-octane) petrol will be able to

EVERY FOURTH TIME FOR YOUR BMW IF IT'S tenth time to avoid any possibility of with ("super") leaded petrol about every petrol most of the time, and fill up inserts will be able to use unleaded able to use ULP exclusively with no ill hardened valve seat inserts they will be hardened valve seats or valve seat effects. increasing valve wear. (NOTE: MAKE THAT If these vehicles are models with Owners of models without

CURRENTLY USING STANDARD - ED.)
- Existing vehicles with continue using this fuel. compression 97-occtane petrol will be able to ratio engines needing higher

models can use ULP. providing detailed advice on which be.

in those pre-1986 vehicles unable to run satisfactorily on 91-93 octane ULP. will continue to be available, for use

New vehicles

of ULP vehicles. too wide to fit into the filling pipes dispensed from petrol pumps with nozzles petrol will only be allowed to be prevent their tanks being filled with designed fuel-tank filler pipes to leaded petrol, ie misfuelling. Leaded These vehicles will have specially

signs on petrol pumps will clearly imdicate whether the petrol is leaded or unleaded. ULP will be coloured pale yellow, to distinguish it from pink-coloured leaded fuel. displayed at service stations. Other may be used. Similar warnings will be fitted with labels stating that only ULP New vehicles operating on ULP will be

Nothing is gained by misfuelling an unleaded petrol vehicle. There will be no performance or fuel-economy gains. more to buy than leaded fuel. Quite apart from the risk of a fine, the use All and almost certainly ULP will cost no run efficiently on 91-93 octane such vehicles will be designed to

manufacturers will

will not be marketed afteer ULP is introduced. Standard-grade 89 or 92 octane petrol

Super-grade 97-octane leaded petrol

going to cost me more? Is unleaded petrol

will be reduced and the fuel economy of motorists, because vehicle maintenance There will be direct savings for

engine oil, exhaust-gas recirculation deposited in the combustion chamber, on the valves and spark plugs, and in the leaded petrol, When a motor vehicle engine runs on lead compounds are

In addition, the "lead scavengers" in

of leaded petrol in ULP vehicles:

- persistent or repeated misfuelling pollutants; catalyst's of harmful air pollutants. Although converter and increases the emission * "poisons" isolated performance of the catalyst after an there would be some recovery in the completely ability to misfuelling the catalyst in destroy reduce episode,
- warranty; * renders void the manufacturer's
- * deactivates the oxygen sensor used with some types of catalytic converters ("three-way" performance; and and thereby reduces fuel economy and catalysts)
- valves and piston rings) and a need * causes increased engine wear (eg. for more exhaust system maintenance.

most vehicles will be improved.

(EGR) valve and exhaust systems.

leaded petrol form acids which corrode

components. the lead and other combustion chamber products. The acids and residual lead also foul spark plugs and other engine accumulate in the engine oil, along with the engine and exhaust

designed to use ULP will be reduced for will therefore reduce maintenance costs. The use of leaded petrol thus shortens the useful life of engines, spark plugs, vehicle maintenance costs. Using ULP and mufflers, and adds significantly to engine oil, EGR valves, exhaust pipes two main reasons: The fuel consumption of most vehicles

designed and tuned to maximise fuel ULP. For most vehicles, overall fuel engines for the lower octane number of from a need to redesign some cars a much smaller fuel penalty arising controls will thus be removed, leaving associated with pollution-control systems.

The fuel consumption economy and performance, unencumbered motor vehicle emissions after they leave the engine, so the engine can be Catalytic converters "clean up" current consumpt ion current emission engine-based

catalytic converters will greatly facilitate the transfer to Australian vehicles of many of the latest fuel-saving technologies, especially those developed for ULP vehicles in the United States, Canada, and Japan. The introduction of ULP

consumption will be reduced.

resources. help to Overall, there will be a substantial fuel saving, and the ULP program will conserve valuable

SO, if change to super. you are using super now, continue to do so. If you have been using standard, to ULP - BUT use super for every third tankful, alternately re-tune and

Following are the serial numbers of new BMW's which will run on ULP:

2 2	5	RE	R8	R8
2800	3	0/GS	0	ORT
		=	=	Seri
				al
		:	:	Numbers
000/291	0007381	6283306	6440512	6470498
=	=	*	=	and
:	: .	=	=	up.
	" " 0081107 "	0007291	" 6283306 ° 0007291 " 0081107 "	" 6283306 " 0007291

NOTE: All the R65's and R100's must run on super.

the lower cylinder head bolt. The R80's which will run on ULP have a blue spot on the cylinder head below