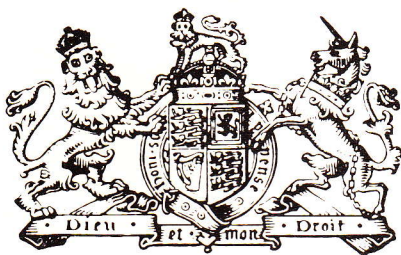


April 1985

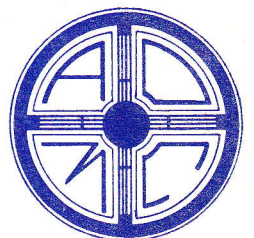
The **HUMBERETTE**



By Appointment to
The Royal Family

Official Newsletter of the Humber Car Club of Victoria.

Affiliated with the Association of Motoring Clubs



THE HUMBER CAR CLUB of VICTORIA

P.O. BOX 35, FRANKSTON, 3199

23 HIGH STREET, WATSONIA, 3087

COMMITTEE 1983/1984

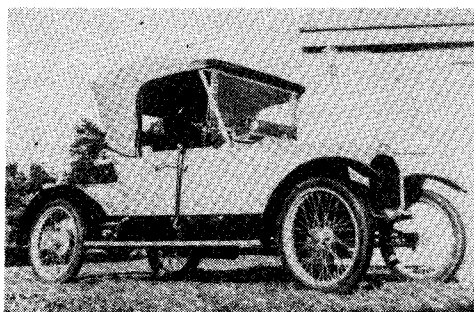
PRESIDENT	Lloyd Hughes	877 3208
VICE PRESIDENT	Bill Holmes	397 7836
SECRETARY	Margaret Willimott	435 6354
ASST. SECRETARY	Keith Willimott	435 6354
TREASURER	Peter Shelden	818 5829
SOCIAL SECRETARY	April Beardsmore	762 4180
ASST. SOCIAL SECRETARY	Brian Beardsmore	762 4180
EDITOR	Jack Waring	725 9884
ASST. EDITOR	Barry Bosnich	460 4505
TECHNICAL OFFICER	Tom McAlpine	(051) 27 4755
LIBRARIAN	Paul Carter	568 8437

SOCIAL CALENDAR 1983

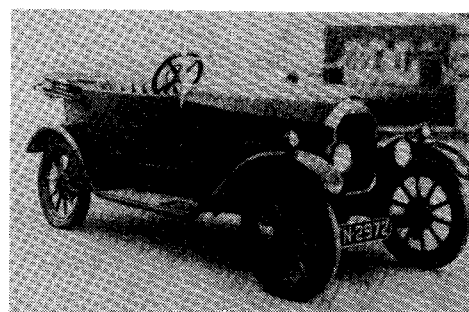
March 25th	General Meeting	July 22nd	General Meeting
March 27th	M.G. Concours	August 14th	Talhoff Restaurant, Warburton.
April 25th	Anzac Day March	August 26th	General Meeting
April 31st (Sat)	Camberwell Chamber of Commerce May Festival	September 23rd	General Meeting
May 15th	Air Museum Point Cook	September 11th	President's Run (Mystery Trial)
May 27th	General Meeting	October 9th	Wolseley C.C. (Car Khana)
May 29th	Vintage Drivers Club Display and Swapmeet, R.M. Showgrounds	October 28th	General Meeting
June 11th to 13th	Echuca Steam Rally	November 6th	Concours d'Elegance
June 24th	General Meeting	November 12th/13th	Bendigo Swap MEET!!!
July 10th	Roast on the Spit Williamstown Primary School	November 26th (Sat)	Presentation Night (no general meeting)
		December 4th	Christmas Run (no general meeting)

The Club meets on the Fourth Friday of the month (except December) at 8.00 p.m., in the Deepdene Park Hall, Whitehorse Road, Deepdene.

INTERESTING EARLY HUMBERS

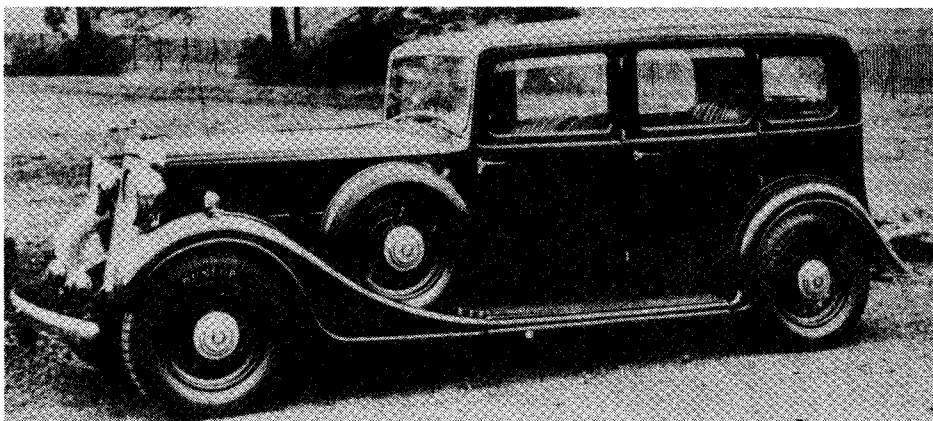


1912 HUMBERETTE
4 cylinder
side valve



1923 HUMBER 8/18
4 cyl. o.h. inlet
side exhaust.
985 c.c. 7'10½" wheel base.

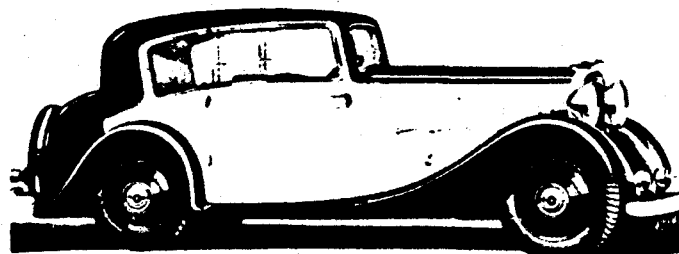
1933/34 SNIPE 80
6 cyl. side valve
3498 c.c.
10ft and 10'4" wheel base



*Similar cars owned by
Norm Watt, Doug Shone
and Lloyd Hughes.*

APRIL. 26TH.	GENERAL MEETING. 8.00PM. (SPEAKER: WINDSCREENS O'BRIEN.)
MAY. 5TH.	DAY RUN TO KYNETON STEAM MILL, MARKET, & ANTIQUE DISPLAYS.
MAY. 19TH.	"MELBOURNE OLD AND NEW": COMBINED CAR CLUBS GUIDED TOUR. 10.00AM TO 4.00PM. (SEE ITEM THIS NEWSLETTER.)
MAY. 24TH.	GENERAL MEETING. 8.00PM. (SPEAKER: MR. BOB THWAITES, EX. ROOTES DEALER.)
MAY. 31/ JUNE 1ST.	VINTAGE DRIVER'S CLUB SWAP MEET. MELBOURNE SHOW GROUNDS.
JUNE. 8TH-10TH.	QUEEN'S BIRTHDAY WEEKEND. WANGARATTA.
JUNE. -	TECHNICAL DAY. TO BE ARRANGED.
JUNE. 28TH.	GENERAL MEETING. 8.00PM.
JULY. 14TH.	BARBEQUE AND SOCIAL AFTERNOON.
JULY. 26TH.	GENERAL MEETING. 8.00 PM.
AUGUST. 11TH.	C.H.A.C.A. SWAP MEET. CHIRNSIDE PARK.
AUGUST. 18TH.	TALHOF RESTAURANT. WARBURTON. (COMBINED OUTING WITH CHEV. CLUB.)
AUGUST. 23RD.	GENERAL MEETING. 8.00PM.
SEPTEMBER. 27TH.	GENERAL MEETING. 8.00PM.
OCTOBER. (TBA.)	HCCV. 10TH BIRTHDAY CELEBRATION AND ROOTES "G.T." DAY.
OCTOBER. 25TH.	GENERAL MEETING. 8.00PM.
NOVEMBER. 3RD.	CONCOURS D' ELEGANCE AND PRIDE OF OWNERSHIP. (DEEPDENE PARK).
NOVEMBER. 16/17TH.	BENDIGO SWAP MEET.
NOVEMBER. 22ND.	GENERAL MEETING. 8.00PM.
NOVEMBER. (TBA)	ANNUAL PRESENTATION DINNER.

Humber, circa 1934 (GB).



NEXT SOCIAL OUTING.

WHERE: WILLIS STEAM MILL AND MARKET, KYNETON.

WHEN: SUNDAY, MAY 5TH.

WHERE TO MEET: KEILOR SHIRE OFFICES, CALDER HIGHWAY, KEILOR.
MELWAY MAP 14 H5.

TIME: 10.00 AM.

ATTRACTIONS: A.M. COUNTRY MARKET (HOME PRODUCE, BRIC-A-BRAC ETC.),
ANTIQUE DISPLAYS.
P.M. TOUR OF STEAM MILL, HISTORICAL MUSEUM & BUILDINGS, ETC.

LUNCH: BYO. PICNIC OR BBQ. LUNCH AT LAURISTON RESERVOIR PICNIC GROUNDS
AND GARDENS - APPROX. 8KM. FROM KYNETON.
WOOD BBQ'S AND WATER AVAILABLE.

QUEEN'S BIRTHDAY TOUR TO WANGARATTA, JUNE 8-10th.

ACCOMMODATION AT NORTH CEDARS CARAVAN PARK HAS BEEN BOOKED FOR FRIDAY, SATURDAY & SUNDAY NIGHTS. COST FOR TWO PEOPLE PER NIGHT IS \$20.00. THE CARAVAN PARK IS ON THE HUME HIGHWAY APPROX. 4 Km. NORTH OF POST OFFICE, ADJOINING THE TOTAL SERVICE STATION. IF YOU HAVE NOT ALREADY BOOKED YOUR ACCOMMODATION YOU MAY LIKE TO PAY A DAY VISIT AND JOIN IN ANY OF THE ACTIVITIES. THIS IS A GOOD OPPORTUNITY FOR THE MEMBERS FROM THE NORTH EAST REGION TO GET TO KNOW EACH OTHER.

PROPOSED ITINERY IS AS FOLLOWS:

FRI. EVENING / SAT. MORNING: ARRIVAL & SETTLING IN. INFORMAL LOOK AROUND TOWNSHIP AND POSSIBLE VISIT TO DRAGE AVIATION MUSEUM.

SAT. AFTERNOON: INSPECTION TOUR AND TASTINGS AT LOCAL WINERIES. THE FOLLOWING ARE WITHIN 25KM OF WANGARATTA: BROWN BROTHERS MILAWA VINEYARD, RICK MORRIS MARKWOOD ESTATE, GAYFER'S CHILTERN VINEYARD, BAILEY'S OF GLENROWAN, JOHN GEHRIG WINES, BOOTH'S TAMINICK CELLARS.

SAT. EVENING: DINNER AT A LOCAL RESTAURANT.

SUNDAY: 10.00 AM. LEAVE CARAVAN PARK FOR CHILTERN, CONTINUE ON TO BEECHWORTH FOR LUNCH AND AFTERNOON INSPECTION OF HISTORICAL MONUMENTS. RETURN (FOR THE GARDEN ENTHUSIASTS) VIA NORMA'S FERREY CARBOOR. EVENING BBQ TO BE ARRANGED.

MONDAY: OWN ARRANGEMENTS FOR HOME TRAVEL. CARAVANS MUST BE VACATED BY 10 AM.

PHONE NO. NORTH CEDARS CARAVAN PARK IS (057) 21 5230.

THE HUMBER CAR CLUB of VICTORIA

P.O. BOX 35, FRANKSTON, 3199
23 HIGH STREET, WATSONIA, 3087

COMMITTEE 1985/86

PRESIDENT	Bob Kennedy	789 5119
VICE PRESIDENT	Bill Holmes	397 7836
SECRETARY	Margaret Willimott	435 6354
TREASURER	Rob Dunlop	439 7059
EDITOR	Barry Bosnich	460 4505
SOCIAL SECRETARY	Barbara Dunlop	439 7059
MEMBERSHIP REGISTRAR	Nancy Kennedy	789 5119
LIBRARIAN	Keith Willimott	435 6354
TECHNICAL ADVISORS	Tom McAlpine	(051)27 4755
	Des Judd	789 6952
PUBLICITY/REGALIA	David Dunlop	439 7059

The Club meets on the Fourth Friday of the month (except December) at 8.00 p.m., in the Deepdene Park Hall, Whitehorse Road, Deepdene.

1967 Humber Super Snipe Series VA

Purchased by Des Judd in 1981 with only 45,000 miles covered. The car has won its class 3 out of 4 years in H.C.C.V. concours events. Used daily on the school and supermarket run this car stands testament to the fact that an everyday use car can also be a concours car. The Humber is also used for weddings and family holidays interstate and as of March 1985 has now 68,000 miles showing.



PRESIDENT'S REPORT

Last month I asked all of the club members to assist in the club running by helping in various ways, trading table, guest speakers and by attending outings.

This month I'm at it again, (never give up do I) and once more I ask you to use soft bullets if you want to shoot me.

Our club newsletter; this is the one item that all members receive and I hope read. I have many a time heard members comment on the newsletter and it's contents. Most are good, but sometimes I hear adverse ones. These are few and far between. It is these few adverse comments that I am going to ask you to help me in getting rid of and at the same time help our editor.

The way you can help is by submitting items to Barry for selection to go into print. These items do not have to be about Humbers, they could cover any item of interest. They could be about your first car, a fishing trip, holiday, your pet shark or snake, how to prepare your favourite dish i.e. broiled monkeys head with eyes left in, any item that you think the rest of the club would like to read about, (fact or fiction will do).

Maybe the best item submitted could earn the writer something later in the year, so don't hold back have a go, if you wish your name can be left out of the newsletter.

Tic Toc, Tic Toc, please watch your clock, whenever you are on a club outing or meeting please think of the other people who are there on time. As much as possible I would like to start meetings on time, this helps members by letting people with young children or a long distance to travel, get away early if they like. Also when guest speakers are waiting to start their speech it does not go on till midnight. After a meeting has been closed we all like to have a brew and a rave, (it was said to me once that this was the best part of the meeting.)

On outings if a time is laid down to meet and leave by, it helps all who attend if we try to adhere to that time, as we might have a lot to fit in on the outing and it would be a shame to miss out all because some members cannot organise themselves so try to be there on time (please).

Attendance book at meetings or outings, when you sign your name in the book please mark down what type of car you motored in as at the concours towards the end of the year it would be a shame if your car could not be entered because it didn't turn up the required amount of times throughout the year.

Bob Kennedy.

MINUTES OF THE GENERAL MEETING OF H.C.C.V. HELD ON 22.3.85 AT DEEPPENE HALL.

President Bob Kennedy opened the meeting at 8.10 pm and welcomed all members present including new members Ron Li (Series III Vogue) and Norm Watt (Series II Vogue and 1934 Snipe 80).

APOLOGIES: Rhys Jones, Peter Sheldon, Lloyd Hughes, June Short.

MINUTES: Minutes of the General Meeting held on 22/2/85 were read and confirmed on the motion of Peter Davenport, seconded Keith Willimott.

CORRESPONDENCE: In: A. Goldman, photo & letter. C. Carr (Maffra), S Snipe for sale. S. Morton (Beechworth), m'ship application and letter. J.H. Davies (Traralgon), Sceptre for sale. Rare Spares Pty. Ltd. (Brunswick), catalogue unique cars, re: Magazine advertising. Pickles & Co., classic cars auction. Vintage Drivers' Club Spectacular - program. Club Magazines: HCC of A/S.A./N.Z., Chev, Wolseley, Rover, A.M.V.C., CHACA, Broken Hill V.V.C.C., Austin A40, Daimler/Lanchester, Standard Vanguard.

Out: Wolseley cc, 10th Birthday greetings, HCCQ - return National video, Rootes C.C. & Sunbeam Talbot C.C. invitation to Darnum Day. Correspondence received, moved David Dunlop, seconded Steven Isaacs.

TREASURER'S REPORT: Financial Statement 27.2.85 to 22.3.85.

Receipts		Payments	
Balance current A/C	\$961.61	Scarves & Postage	\$147.10
22.2.85		Refund (W'cheater)	15.00
1984 Petty Cash banked	\$139.83	To Petty Cash	50.00
Subs	\$355.00	Bank charges	.66
Sales (regalia)	\$ 20.00		
	\$1476.44	A/c Balance 22.3.85	\$1263.68
			\$1476.44

Cheque A/c Bank Balance 22/3/85 \$1308.08
Deposit Stock A/C \$1000.00

Bank accounts have been transferred from Jolimont to Eltham S.S.B.

Steven Isaacs moved and Vic Wilson seconded that treasurer's report be accepted.

SOCIAL SECRETARY'S REPORT: Menus from the Golden Lantern Chinese Restaurant were presented and comments requested on its appeal as an appropriate venue for the Presentation Dinner. Competition fund raising for the evening was an Easter Egg casket donated by K and M Willimott.

LIBRARIAN'S REPORT: Keith announced that he would be taking delivery of the remaining library books this evening and would prepare a list for publication, addition of some non-technical books to the library was suggested.

EDITOR'S REPORT: 132 magazines posted. Printed address labels are available for approx \$15 per year. Bill Holmes moved and Vic Wilson seconded that labels be purchased. Marie Grande offered to arrange initial typing of addresses.

GENERAL BUSINESS-PRESENTATION: Retiring member and Club Librarian, Paul Carter was presented with a medallion to mark his work on the committee and association with the club in general. President Bob Kennedy thanked Paul for his contribution over the years and Paul suitably responded. Paul also presented to the club a selection of Humber literature.

NATIONAL RALLY FORMS: Preliminary booking forms are available from the Secretary and have also been included in the March Newsletter. Please return these promptly if planning to attend the Rally.

SUPPER: Members were requested to wash up their own cups following supper, thus freeing the "supper ladies" to circulate in the hall. Disposable cups are available for those who prefer them.

WANGARATTA WEEKEND: North Cedars Caravan Park is fully booked. A detailed itinerary will appear in the next newsletter.

CLUB CALENDAR: Bill Holmes requested clarification of date and location for July and October outings. Is Williamstown North Primary School still being considered?

AMPLIFIER FOR MEETINGS: Peter Davenport suggested that meeting proceedings be amplified in order to assist those members with hearing difficulties. President and Secretary were to investigate this matter.

LEONSKY FILM: Norm Watt presented a progress report on this film. Norm's Snipe 80, which features in this film, was the centre of attraction at a cast presentation dinner recently.

COPYRIGHT: The current legal responsibility regarding photo copying of material and the club's position in this matter was brought up by several members from the floor.

There being no further business the meeting closed at 9pm and the President welcomed guest speaker Mr Allan McDonald who gave an interesting address on car batteries.

Supper concluded the evening. The evening's raffle of an Easter Egg Casket was won by Nancy Butt.

FOR SALE: Astor Diamond Dot, valve radio, positive earth. Believed to be original equipment in 1965 Humber. In full working order, AM mono only \$100. A. Goldman, Ph: 795 4521.

1955 Mk IV Snipe Hearse, 59,000 miles. Exc. condition throughout, not reg. \$2,000 o/n/o photo sent if required. Jim Alchin-Byrne, Sydney 02 638 7248, after 6pm reverse charges. P.O. Box 48, North Ryde 2113.

Vogue engine short with head \$20.00. Ser IV S/S Diff \$50.00, front end \$25.00. Ser II S/S radiator \$25.00, rear springs \$10.00 plus many others. Val Peeke, 5 Herbert Street, Ringwood 870 3438.

WANTED: Wanted by garden potter, empty pots both plastic and terra cotta. Our Fancy Nancy has lots of flowers and when she finds a few spare hours she'll plant-em out and add a label so you'll buy-em from our trading table.

SWAP ONLY: Clock, positive earth Series V Snipe fully overhauled, first class condition, exchange for negative clock in similar condition. A. Goldman, Ph 795 4521.

Run to Darnum Musical Village 14.4.85 members, families and visitors in attendance.

Kennedys, Dunlops, Judds, Holmes, McAlpines, Goldmans, Forths, Hughes, (Ropers H.C.C. Sth Aus.) Willimotts, P. Davenport, D. Griggs, P. Batten, B. Bruce and Marj, B. Bosnich, Warings, Grandes, (Rootes Group C.C. members) Arthurs, Bagots, Gunns, Yeomans.

Vehicles: Series S/Snipe 9, Vogues 2, Sceptres 1, MK S/Snipes 2, Singer Gazelle, 52 Hillman Minx 1, Mazda 1, Monaro 1, Sunbeam Alpine 1, Triumph 1.

Donated by Des Judd

The

KARRIER

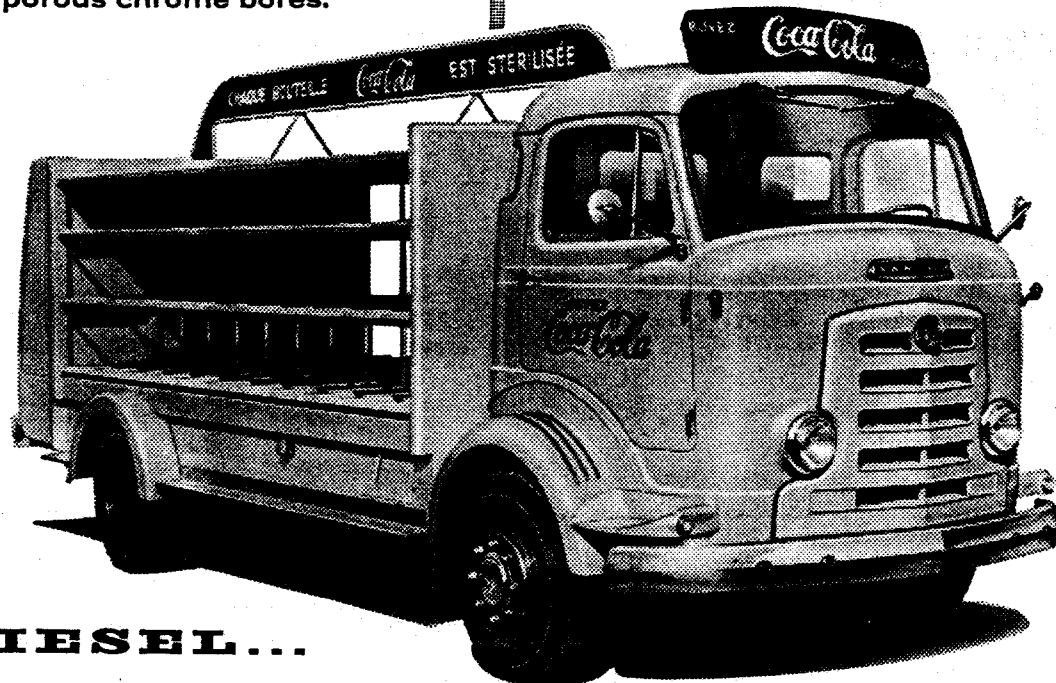
"Gamecock"

3-4 TONNER

*with alternative power units
of outstanding economy
and durability*

PETROL...

the phenomenal
91 b.h.p. six cylinder with
porous chrome bores.



DIESEL...

the amazingly economical
87 b.h.p. six-cylinder with
chrome-plated steel
cylinder liners:

* or the remarkable

ROOTES DIESEL ENGINE

— a direct injection
two-stroke with opposed
pistons, developing 85 b.h.p.

WITH its manoeuvrability, low loading height and alternative 'underfloor' power units providing long, trouble-free service between overhauls, the Karrier 'Gamecock' is the ideal vehicle for the busy operator. The new three-seat cab with panoramic windscreen affords maximum visibility and comfort for driver and two passengers and is insulated against noise and extremes of temperature, thus reducing driving fatigue to a minimum. Alternative wheelbases of 9' 7" and 11' 9" are available.

Greater value than ever before!

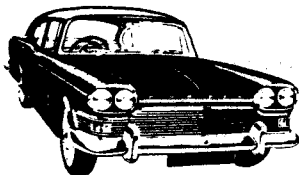
A ROOTES PRODUCT—BUILT STRONGER TO LAST LONGER!

KARRIER MOTORS LTD. LUTON BEDS.

EXPORT DIVISION: ROOTES LTD. DEVONSHIRE HOUSE PICCADILLY LONDON W.1

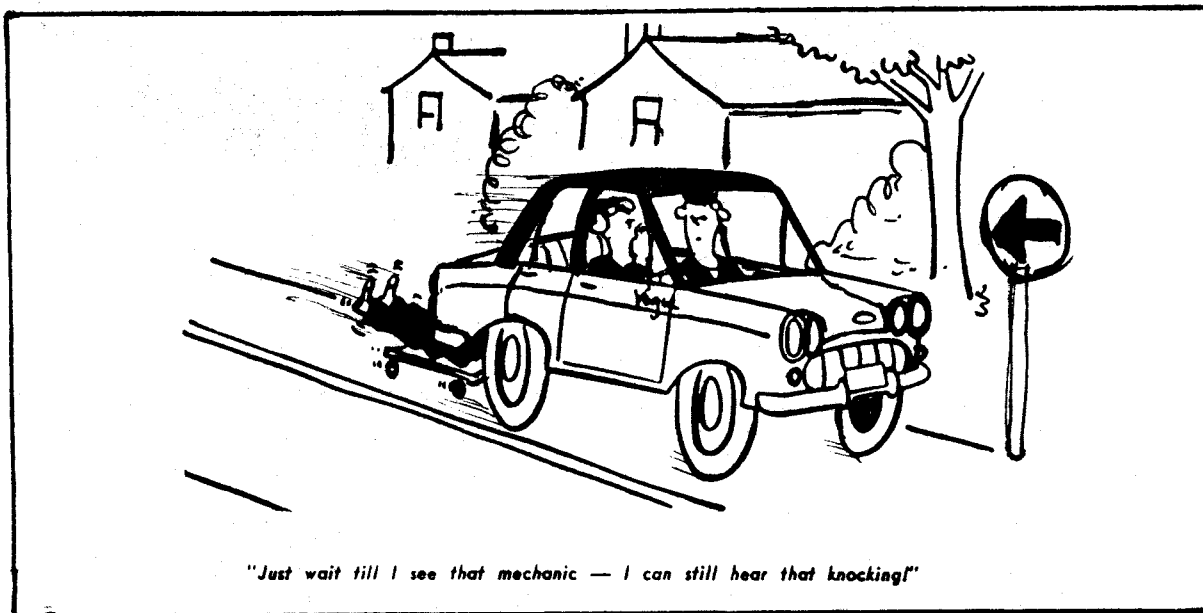
News scene

HUMBER LINES



Sparkle, Sparkle from afar,
Why 'tis a Humber car.
Admiring glances we do receive ,
With a majestic hush as we leave.
A reminder of a bygone age,
When Super Snipes were all the rage.
Nowadays with look-alike clones,
Super Snipes were appointed to thrones.
To ride in them is such a pleasure,
As you can gather these cars we treasure.
From your faces the grins we'll wipe,
When next we pass you in our Super Snipe.

The Sniperwoods.



PLEASE NOTE:

Just a friendly reminder to those Tasmanian members who have not renewed their overdue subscriptions for the coming year that if they are not payed by the 17th May 1985, then this shall be the last magazine you shall recieve.

TAS. NEWS SCENE CONT/:

On the 31st March I had the pleasure of attending the annual Pearn's Steam Day held at Hagley. This excellent show is run by the Westbury Rotary Club and is an excellent day out for the whole family.

Exhibits range from the Elephantine steam traction engines, stationary engines, restored farm tractors of all kinds, oil fired portable engines. A very fine selection of Vintage and Veteran cars which arrive on the scene after a procession from Hagley. Some very fine Classic cars also made an impressive showing ranging from Mid 30's American sedans including Pontiac, Oldsmobile etc. Also Rileys, Jaguars and so on. A good contingent of Classic bikes ranging from early 1900's through to the 60's & 70's added varied interest to a fun packed day.

Humbers were also in evidence, with my Black Series 5 Super Snipe along with a very neat Storm Grey '66 Vogue. This being the cherished possession of Nina Densley of Hadspen who is our newest Club member.

I had the pleasure of spending the afternoon with her and her family at the Steam Day and later at their home which they have graciously provided for future Humber gatherings. Nina's father has a rather intriguing job as Gov't Chauffeur ferrying about Ministers and other dignitaries. Ah!! 'Tis pitty he is not stationed at the helm of a Pullman or an Imperial instead of a rather mundane Ford LTD.

I would like to put forward the suggestion that Pearn's Steam day be included on the calender of Humber jaunts for next year and the afternoon could be wound up very nicely with an enjoyable barbecue at the Densley home.

SPARES DEPARTMENT:

If members are looking for replacement rear axle bearings & seals at some future date to suit their Series Snipes and Hawks, they will be able to purchase them at Bearing Service PTY LTD. They have stores in Burnie, Devonport, Launceston and Hobart. You will find they also have the best prices.

Rear axle bearings outer: Part NO. (Chrysler) 9188015
(Bearing Service) 6307 UU

They also have the seals Part NO. PR5108

Max Heazlewood.



Market

FOR SALE

Mr David Bell of launceston has for sale a 1951 Mk3 Super Snipe

Still has it's original grey paintwork. The car is unregistered at the moment, but this can be arranged with the prospective new owner.

The braking system has been totally reconditioned and a new exhaust system has been fitted. The interior is in good original condition as are the engine and associated mechanicals. For further details please contact Ross Bromley on 003 430446, he knows the gent's "Bone Fides".

FOR SALE

ROSS Bromley has in his possession something that is probably quite rare and that being a set of Series 1 Super Snipe piston rings (standard) These are available from Ross at the more than reasonable price of £80.00. I don't think there are many Series 1 Super Snipes around so it would pay any prospective restorer to give Ross a buzz on 003 430446.

FOR SALE

Humber Hawk owners, how does your timing chain sound, had a listen lately? If yours doesn't sound too hot, then maybe I can help you as I have one brand spanking new one still rapped in it's grease proof paper. Out it goes at the ridiculous price of £10.00. Ring me on 004 312894 "And I'll do you a good deal today" !!!!!

I also have info regarding a brand new set of Hawk pistons for sale.

These are available from Repco here in Burnie and as I recall are standard size. If anybody is interested in these please give me a call on 004 312894 and I'll make further inquiries.

WANTED TO BUY

One Series 5 Diff. centre complete and in working order.

A set of side draught Strombergs (Series 5) complete with intake manifold.

Full set of standard rings to suit Series 5 Snipe.

One new or good second hand windsreen rubber for Mk3 Snipe.

An alloy cylinder head to suit Mk3 Snipe.

Replacement oil filters for Mk3 Snipe. Anybody out there have any info regards replacement fan belts (size No's etc.) for Mk3 ?

Can any fellow Mk3 Snipe owners help me with info regards rebuilding lever arm shockies?

....Max Heazlewood.

Car care

-THE ABC OF 'TUNE-UP-

Maximum ignition system performance can only be obtained through periodic and accurate tune-ups. Delaying such service leads to time-consuming breakdowns or "no-starts"..... usually at the most inconvenient times or places...and it is costly in wasted fuel (with todays fuel prices who can afford to do that). The following periodic service recommendations can help to improve the performance of your Humber while at the same time these will help to reduce the amount of pollutants emitting from your cars exhaust. Whatever adjustment is made, always refer to the specifications and recommendations concerning your particular model to be found in the workshop manual (you do have a workshop manual don't you!!!). With rising labour charges and the 'don't care' attitude of a lot of service centres these days it is in the best interest of your cars mechanical health and your wallet to be able to understand the basic operation of your cars mechanicals and to be able to effect repairs when necessary.

During the next few issues I will try to outline the basic operations of a cars engine so that those of you who are not mechanical geniuses can have a better understanding of what makes things 'tick'. Armed with this scanty information and knowledge you may venture forth along the tortuous path of better mechanical reliability and dubious financial gain.

Here is a brief summary of the topics we shall be looking at.

- Checking and adjusting carburettor settings (both down-draught and side draught) for correct fuel/air mix, correct idling speed and the proper functioning of the choke.
- Check engine timing, points, dwell angle, condenser and other parts of the ignition system such as H.T. leads and the distributor cap. The condition of the battery and its terminals(which so many people take for granted).
- The function spark plugs and their relative problems.
- Checking and servicing the cooling system, which includes the radiator, thermostat, engine water jackets and the correct use of anti-freeze solutions and rust inhibitors.

■ The engine lubricating system.....including regular oil and filter changing, understanding oil pressure gauge readings, fault diagnosis and general lubrication.

This month lets start at the begining (a logical place).

Do you realize that the majority of service calls made to motoring organizations have to do with ignition or fuel problems. How many of you stop to think what happens in your engine when you twist the ignition key. The engine is where it all begins...it converts the heat of burning fuel into energy. In a normal car engine the fuel-air mixture in the ratio of one part by volume of fuel to fifteen parts by volume of air is compressed in the cylinders by the rising piston, ignited by the spark plug...pushing the piston and turning the crankshaft (er uhm yes I see). Lets explain a little more fully shall we.

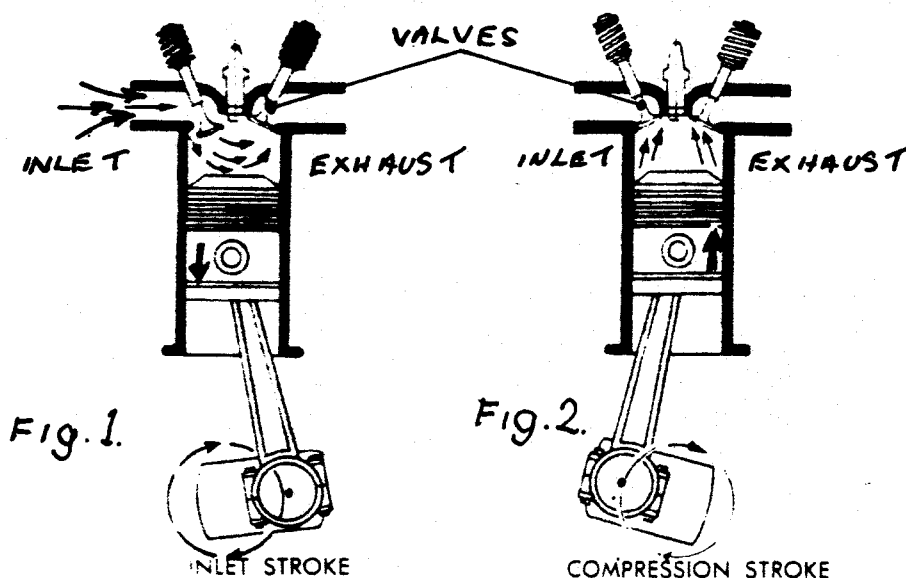


Fig.1 THE INDUCTION or INTAKE STROKE.

Exhaust valve is closing and Inlet valve is opening as piston comes past Top Dead Centre (TDC) on its way down to Bottom Dead Centre(BDC) creating a partial vacuum in the cylinder. The creation of this vacuum allows atmospheric pressure to force air through the carburettor (not sucking as so many people wrongly put it) where it mixes with a jet of fuel. In this atomized state it enters the cylinder through the inlet valve. The crankshaft has made one half turn.

Fig.2 COMPRESSION STROKE.

Inlet valve closes and the piston moves up the cylinder from BDC to TDC compressing the petrol air mixture in the cylinder head combustion chamber. Both valves are now fully closed during this stroke. The crankshaft has made one complete turn.

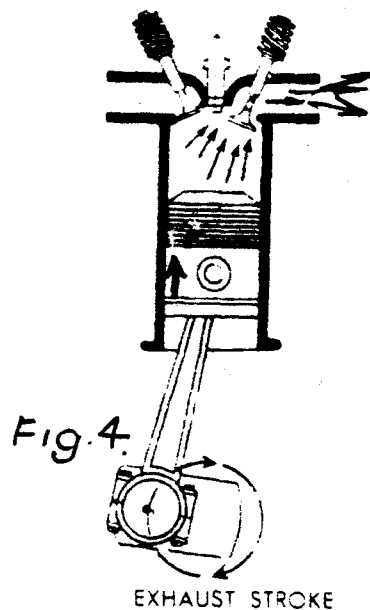
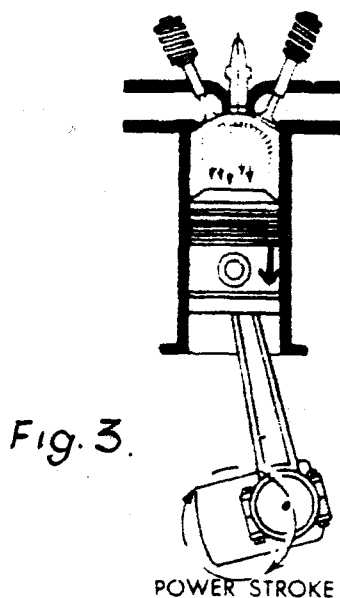


Fig.3 POWER STROKE.

Ignition occurs at or slightly before TDC. A spark from the spark plug ignites the compressed mixture and the piston is driven downwards by the rapid expansion of the burning gases.

Both valves remain closed during this stroke. The power stroke is completed at BDC and the crankshaft has now made one and a half turns.

Fig.4 EXHAUST STROKE.

The cylinder is now filled with burnt gas which must be expelled. As the piston moves up from BDC the exhaust valve opens and the gases are forced out of the cylinder into the exhaust manifold, through the muffler to the open air. The inlet valve remains closed during this stroke. The crankshaft has completed two whole turns... the piston is passing TDC with the inlet valve beginning to open... with the piston commencing its downward movement on the inlet stroke ready to repeat the cycle again and again up to 3000 times every minute your engine is running.

In a six cylinder engine for example the power stroke happens in sequence for each of the six cylinders every 60 degrees of crankshaft rotation. This is known as the firing order of the

engine. The firing order of a six cylinder engine is therefore: 1 5 3 6 2 4 .

OK folks now that we've got the engine running we'll let it warm up untill next month when we will deal with the bits and pieces that go "Bang, Rattle and Clang" inside your engine.

Until next month, happy Humbering. Max Heazlewood.

MONEY MAKERS - BARB DUNLOP

The raffle for the March Meeting made \$20.40. The prize was a Red Tulip Easter Egg and Chocolates donated by Margaret Willimot, and the lucky winner was Nancy Butt.

The Trading Table took \$31.20 and \$5.50 was raised by supper donations.

LIGHT CAR CLUB OF AUSTRALIA

AUSTRALIAN MOTOR SPORTS, December, 1954

Contributed by Lloyd Hughes.

ALPINE TRIAL

The annual Victorian Alpine Trial of the Light Car Club of Australia was again ably conducted by Bill Leech and Bill Hicks, who spent nearly a week mapping out the 987-mile course. The forty-two competitors started from Wheeler's Hill on what was to prove one of the toughest trials ever held in Victoria. The trial took 26 hours and was a non-stop affair, meals having to be taken while driving, and there were only three refueling points.

Out of the original starters only 14 managed to stay the distance; many retirements were caused through fatigue and car sickness. The thousands of corners encountered as the cars climbed and descended the mountain ranges even upset the experts! Stan Jones and his crew all were ill and Tony Luxton, another experienced trials driver, had to retire through fatigue.

One car had a serious accident, ending up 100 feet down a cliff, and many others retired through mechanical trouble, mainly gear-boxes, which received the father of all thrashings when cars were in second and third gear for hours on end.

After the cars left Wheeler's Hill they proceeded to Piedmont then down to Heyfield, both these places being only check points, the first



Top left: The outright winners of the toughest Alpine Trial ever. Russell Lane, Claud Turner and Max Newbold in front of their Humber before the start.

control being at Stratford. Next check-point was Merbein; then on to Orbost, the second control and the first refueling point. On then to Tubbut and Omeo, the third control and the second fueling point.

The drivers by now had a fair idea of what it was all about as they now were really in the ranges.

After Omeo came Myrtleford (the fourth control), then through Whitfield to Mansfield, the next control. Gooding was the sixth control, which was by way of Woods Point. From there it was through Powelltown to the finish at Pine Grove.

Results:—	
Outright Placings:	Points
1. Russell D. Lane (Humber S/Snipe)	693
(Neal's Motors)	
2. K. Stuart (Rover 90)	691
3. R. Scarlett (Vanguard)	687
4. L. W. Whitehead (Volkswagen)	685
5. S. J. Jones (Holden)	658
6. P. Manton (Fiat 1100)	584
(J. Old)	
7. E. Smith (Holden)	583
8. G. W. Baillieu (Fiat 1100)	581
9. L. K. Lock (Holden)	573
10. R. Smith (Holden)	559
(Reno Auto Sales)	
11. Dr. P. A. Crooke (Ford)	446
11. D. Hughes (Spacemaster)	446
12. J. Wilson (Austin A30)	364
13. J. J. Joyce (Chevrolet)	363
14. M. McDonald (Rover 75)	263

Class Winners:

Up to 1,100 c.c.: P. Manton.
1,101-1,500 c.c.: L. W. Whitehead.
1,501-3,000 c.c.: K. Stuart.
Open Class (and outright winner)
Russell D. Lane.

SECRETARY'S NOTES.

Hello everyone,

Winter months are fast approaching and it's time to think about the special care that all cars need during the cold, wet weather. Don't forget the driver also needs to take that little bit of extra care when roads are slippery and visibility poor at this time of year.

To turn your thoughts in the right direction we have arranged for a speaker from Windscreen's O'Brien at our next meeting. Later in the winter months we have a representative from R.O.S.T.A. to address us. Thanks to Patricia Daly for making the necessary arrangements with these organizations.

Included in your March newsletter was a tentative booking form for the National Rally at Forbes next Easter. This Bi-ennial event is the biggest Humber gathering in Australia and provides a marvellous opportunity for Humber owners throughout the country to oversee the national scene.

Please return your rally booking form promptly to the address indicated if you may be able to attend. No firm commitment is necessary at this stage but an idea of approximate numbers would be appreciated by the organizing committee. I have extra forms available if you have mislaid your original.

The Darnum Musical Village outing was a great success; well worth a visit if you missed it on Sunday. An interesting collection of early musical instruments, each with its own history, country produce, paintings and pottery as well as a special concert to celebrate Australian Heritage Week.

The weather at Darnum was perfect for showing off the Humber to the best advantage and a further dimension was added to the display by several cars from the Rootes Group Car Club including a Sunbeam Alpine, an immaculately restored 1952 Hillman Minx and a Humber Sceptre(??!!) - well!, half of it, anyway!

Bruce and Joan Roper, Humber "foreign correspondents" from Broken Hill were welcome guests at the Darnum run and have also managed to catch up with some of our Victorian members during their stay in The Garden State.

"It Pays To Belong" is a motto verified particularly when trouble strikes. Congratulations to those HCCV. members who helped their fellow Humber owners out of distress recently. The Ropers were the grateful recipients of Victorian Hospitality when travelling through Wodonga and Peter Reid of Bendigo also experienced that special brand of "Humber Helpfulness" issued in large doses by his fellows of the "Bendigo Group". Thanks one and all!

Finally may I refer you to two articles in this newsletter which should interest those looking for something to fill in holiday hours. The "Melbourne Old and New" walk on Sunday May 19th looks like being an interesting as well as informative occasion and our Queen's Birthday Tour itinerary gives plenty of scope for a one or two day visit to the Wangaratta region.

Hope to see you at the next meeting,

MARGARET.

ROOTES SERVICE BULLETIN

MODEL ALL MODELS EXCEPT IMP

VOLUME V

SECTION K

ISSUE 13

SUBJECT CLIPPING OF HANDBRAKE CABLES TO REAR AXLE CASING.

Date July, 1965

Lately certain important changes have been introduced relative to the clipping of handbrake cables to the rear axle casing.

1. Super Minx, Vogue and Sceptre (All Models, Self Adjusting Rear Brakes).

A clip on the underside of the axle casing was fitted up to the chassis numbers shown below, at which point it was deleted. On cars with self adjusting brakes, on no account should the cable be fitted in the clip.

B.14019591

B74007141

B. 31204991

In the event of a foul occurring between the handbrake cable and the shock absorber or handbrake rod, the condition can be overcome by feeding the outer cable a short distance forwards through the clip, which is situated on the body sill.

2. Minx V, Gazelle V, Rapier IV, Husky III, Cob III.

The handbrake cable clips on the underside of the axle casing are used both on the early type of adjustable brakes and the latest self adjusting system. See note below.

3. Alpine IV.

The handbrake cable should be clipped to the underside of the axle casing. In the event of a foul occurring between the handbrake outer cable and brake fluid pipe adjacent to the axle casing clip, the fluid pipe should be protected with a small section of suitable P.V.C. tubing and secured with a suitable adhesive. The clip on this model is being repositioned on production to avoid the possibility of this condition arising.

4. Snipe V and Hawk IV.

The handbrake cable should not be clipped to the axle casing. In the event of a handbrake cable rattling against the axle casing, the outer cable should be protected with a section of P.V.C. using 18" lengths.

N.B. On these models where the handbrake cable passes through clip, on the underside of the axle casing, it is essential that a completely bind free condition exists, otherwise brake binding will occur. To achieve a natural handbrake cable run, it is permissible to adjust the clip.

CIRCULATION: SERVICE MANAGER ☐MECHANICS ☐ELECTRICIAN ☐FOREMAN ☐LUBE OPERATOR ☐



SPECTACULAR & SWAP MEET '85

PROGRAMME

FRIDAY 31st MAY

(Card holding Vintage Drivers Club members free admission this night only)

2.00 pm - 4 pm Set up of stalls by 'two day' and commercial stall holders.
No admittance by public until 5.00 pm.

5.00 pm **Doors Open**
Full catering facilities until 10.30 pm
'Two day' swap sites operating all night
Commercial vendors operating all night
Display of vehicles from selected clubs

7.00 pm Full display of tradesmen and restoration skills
commence until 10.30 pm

7.30 pm Frank Trainors Jazz Band arrives for frequent sessions.

8.30 pm **'A Cavalcade of Transport & Fashions'**
Forty minute professional type production of action
packed nostalgia displaying vehicles, the people, their
clothing, the music and events through the years.

11.00 pm CLOSE

SATURDAY 1st JUNE

6.30 am - 7.00 pm One day swap site holders move in and set up.
No admittance by public until 8.00 am.

8.00 am **DOORS OPEN.**
Full catering facilities operating until 7.00 pm tonight.
Swap sites and commercial vendors operating all day.
Steam and Traction engine display all day.
Display of vehicles from selected clubs all day.

9.00 am Tradesmen and restoration skills until 6.00 pm.

11.00 am **'A Cavalcade of Transport & Fashions'**
(40 minutes) See above for Friday.

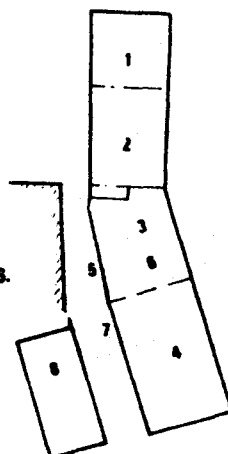
3.00 pm **'A Cavalcade of Transport & Fashions'**

7.00 pm CLOSE

— NOT OPEN SUNDAY —

**THIS EVENT CATERS FOR ALL VEHICLE
INTERESTS 1885 TO 1985**

SPECTACULAR '85 PLAN



1. One day inside swap sites
 2. Trade and restoration skills displays.
Car Club Displays.
 3. Catering, VDC stand. Car club displays.
Commercial vendor sites. Two day
swap sites.
 4. Two day swap sites and some one day
swap sites.
 5. Steam traction display.
 6. Cavalcade of transport and fashions
show.
 7. Outdoor one day sites (late entries).
 8. One day inside sites.
- (TOTAL SWAP SITES APPROX. 200)

INDIVIDUAL VEHICLE DISPLAYS BY:

16. CAR CLUB, VETERAN CAR CLUB, JAGUAR CAR CLUB, HISTORICAL FIRE
ENGINE ASSOC., CLASSIC MOTOR CYCLE CLUB, MELBOURNE STEAM TRACTION
CLUB, VINTAGE MOTORCYCLE CLUB, CLASSIC & HISTORICAL CAR CLUB OF
VICTORIA, VICTORIAN MILITARY VEHICLE CORPS. VINTAGE CYCLE CLUB OF
VICTORIA, STUDEBAKER CAR CLUB, AUSTIN HEALY OWNERS CLUB.



ADMISSION CHARGES

Can be prebooked or purchased on the day

ADULTS PER DAY \$3.00 covers all attractions

FRIDAY & SATURDAY PASS \$5.00 covers all attractions

CHILDREN (under 16 yrs) ACCOMPANIED BY ADULT

— FREE ENTRY —

SWAP SITE FEES

CAN ONLY BE PREBOOKED

(SWAP SITES ARE ROUGHLY 15' x 10')

ALL COMERS. FRIDAY NIGHT & SATURDAY \$35.00 per site.

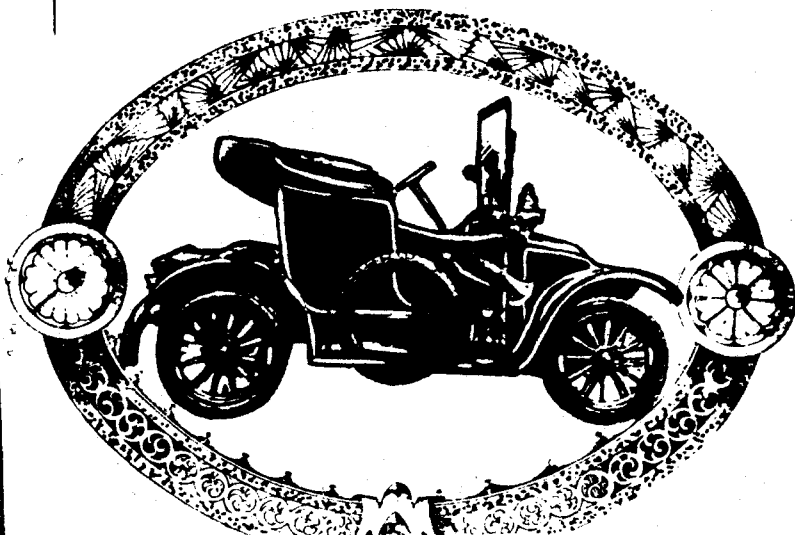
SATURDAY ONLY \$10.00 per site.

SWAP SITE TICKET ENTITLES 2 persons entrance F.O.C.

PARKING FREE-UNDER DIRECTION

FOR ALL CARS & CLUBS 1885 TO 1985

**FRIDAY NIGHT 31st MAY
SATURDAY 1st JUNE
MELBOURNE SHOWGROUNDS
EPSOM ROAD, ASCOT VALE
VICTORIA**



HUMBER SPARES



HILLMAN SPARES & REPAIRS BLACKBURN

While our first concern will always be Rootes Group Spares (Australia's Largest Range), we have now moved into stocking all model English Spare Parts, but as always we are eager to buy collections of new English Spares for Australian dollars.

The King Pins stored in somebody's garage, may be the set that Mrs. Smith of Charters Towers needs for her 1948 Rover.

Telephone and mail orders most welcome.

We recommend C.O.D. post for next day delivery to most areas.

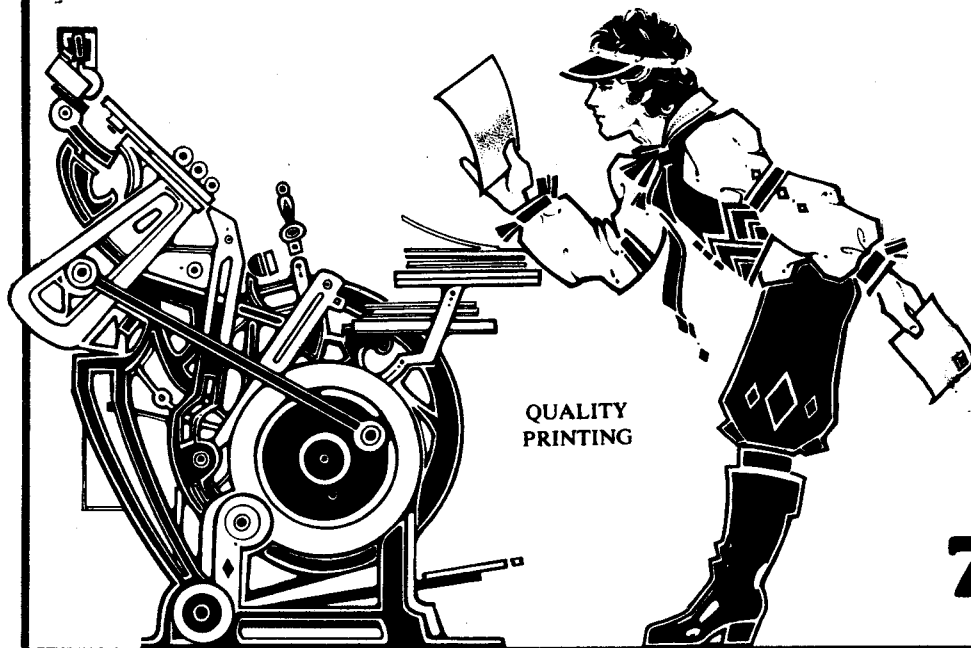
HILLMAN SPARES AND REPAIRS
178 Whitehorse Road,
Blackburn, 3130
P.O. BOX 19, BLACKBURN, 3130
Telephone: (03) 877 4311, 5 Lines



Peninsula Office Services P/L

Suite 1, 100a Young Street,
Frankston 3199

(Above T.A.B.)



Contact Our
Friendly Office
Staff for the
BEST SERVICE
in Frankston.

PHONE

781 5899

WE CAN OFFER YOU

COMPUTERISED

- * Photo Type-setting
- * Word Processing
- * Mail-Merging
- * Address Labels
- * Cash Book Control
- And Lots, Lots More

OTHER SERVICES

- * Quality Printing
- * Art Work Layout and Design
- * Typing
- * Book-keeping
- * Ledger Machine Accounting
For your monthly debtors
- * Stationery Sales
- * Photocopying
- * Geo-type Rub-off Lettering

