

# JOWETT NEWS

**CIRCULAR No. 17**

**October, 1960**

## **COMMITTEE**

|                     |               |   |
|---------------------|---------------|---|
| President           | C.V. Robieson | Noble Street, Noble Park. Vic.          |
| Vice President      | J. Coffey     | Dispensary Walk, Bendigo, Vic.          |
| Secretary           | W.M. Worley   | 19 Kent Road, Pascoe Vale, Vic. FL 6266 |
| Assistant Secretary | S.T. Carrigg  | 2 Hemingford Road, E. Bentleigh, Vic.   |
| Treasurer           | W. Fock       | 58 Albert Street, Mt. Waverley, Vic.    |
| Spare Parts         | G. Gilmore    | 4 Thompson Street, Ormond, Vic.         |

## **TECHNICAL COMMITTEE**

|           |   |
|-----------|---|
| M. Dodd   | 3 Oberon Street, Nunawading, Vic.       |
| J. Taylor | 1227 Dandenong Rd., Murrumbeena, Vic.   |
| J. Howard | 3 Milverton Street, Moonee Ponds, Vic.. |

## **JOWETT CLUB NEWS**

October, 1960

Issue No. 017

### **CLUB AFFAIRS – AUTOKANA NOVEMBER 6<sup>th</sup>, 1960**

An autokana is to be held on Sunday November 6<sup>th</sup>, 1960, at Baccus Marsh, some 20 miles from Melbourne, and any members who are able to get along to this meeting will be welcomed. The meeting, which is in aid of the Royal Childrens Hospital, has been organised by the 'Association of One Make Car Clubs', with which organisation this Club has been affiliated for some time.

Your Club has entered some six cars for certain events, the results of which should be more than interesting. Events commence at Baccus Marsh, at approx. 10:30 am, or if you wish to travel there in convoy, the Committee will be at the Royal Childrens Hospital until 9:30 am. Please give this outing your support, look for the Javelins at Baccus Marsh and we will all stick together. We may not win any trophies, but should have a whole lot of fun. See you there.

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## **ANNUAL FEES**

Members are reminded that the fees for our Club are as follows:

JOINING FEE . . . . . £2-0-0.

ANNUAL SUB . . . . . £2-0-0. per year.

The financial year is from April 1<sup>st</sup> to March 31<sup>st</sup>, so we are now well into the second half of this current year. Are YOU financial, if in doubt please contact the Treasurer Bill Fock, who will give you the answer in two ups. Remember it is your money that enables us to continue manufacture and buy parts in.

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## **COMMITTEE**

I know I seem always to be thrashing this point, but it would be most appreciated if more members could be obtained for Committee work, in particular we would like to be able to set up a sub-Committee of two or three members, or their wives, who could look after the social and sporting activities of the Club. It is extremely difficult for your existing Committee, who already have a lot to do answering technical problems, organising continuity of spares and kits, and thinking up , and trying new modifications, to look after the other aspects as well, it is not due to a lack of willingness, just lack of time. My personal opinion for what it is worth, is the social aspects could be far better handled by a separate Committee anyway.

The same thing applies to the production of this News Letter, I know how important it is to the average member, who does not have a great deal to do with the Club, as far as parts etc., is concerned. It is the only contact we have with our interstate members. We are still following up having the 'News' printed and hope to get it out every month. In the meantime I think you will find much interesting material in this issue.

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## FINANCIAL REPORT

The following report has been prepared by Mr. Bill Fock, our Treasurer, and should prove of interest to all members. The period covered is from 1<sup>st</sup> May, 1960, to 30<sup>th</sup> September, 1960.

|                      |                  |           |                  |
|----------------------|------------------|-----------|------------------|
| Cash Brought Forward | £341-15-9        | Purchases | £687-3-9         |
| Subscriptions, etc.  | £199-10-0        | Expenses  | £29-8-6          |
| Sales of Parts       | £409-1--2        | Sundries  | £37-1-11         |
|                      | <b>£950-18-2</b> | Credit    | £197-4-0         |
|                      |                  |           | <b>£950-18-2</b> |

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## AUSTRALIAN MOTOR SPORTS CLUB INVITATION

The Jowett Club of Australia has been asked to enter a team to compete in the '1960 Inter-Club Motor-Kana Championship of Vic.', to be held on November 27<sup>th</sup>, at the property of Mr. Don Smith, immediately adjacent to the 12 mile post in Sydney Road, Somerton. It has been pointed out that this Club is not a sporting Club, but even if we have no entries in events your Committee cordially invites any interested members to come along and enjoy the fun. Events at this meeting commence at 9:00 am, and I would suggest the formation of a convoy of our own Club members at the corner of Sydney Road and Bell Streets, Coburg, at 8:45 am. Park in Sydney Road, on the north side of Bell Street. Keep the date in mind, Sunday November 27<sup>th</sup>. I must point out also that as this function will be held on private property every consideration must be given to keeping this ground in good condition, I am sure however that our members would never offend.

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### CAR FOR SALE NO. 1

Forced sale – owner going overseas. P.B. Javelin Deluxe, is fitted with many extras, such as Radio, heater, windscreen washers, etc. Registered until October, 1961. Engine has been reconditioned, over £100 spent in August this year. The car is Navy Blue, and is fitted with good tyres. Take over in mid-November at insured value at £250-0-0. Apply to Mr. A.T. Bell, 14 Selbourne Street, Auburn E2, Vic.

### CAR NO. 2

Mr. A. Goodfellow, 9 King Street, Essendon, has a 1950, P.B. Javelin which he wishes to sell either complete, or in pieces. The engine of this car needs attention, but other parts are in good condition. The gearbox in particular has only just been overhauled and is in excellent condition. Members interested could contact Secretary, or Goodfellow direct, in regard to prices.

### CRANKSHAFT FOR SALE

Anyone interested in buying a second hand crankshaft, P.C. type, should contact the Secretary, this shaft is in good condition and has very little wear on the journals. **Price £25-0-0.**

A pair of very good yokes and pins is also available for anyone wanting to do up the front end, without going to rubber bushes. These may be had for £2-0-0.

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## ANNUAL SUBSCRIPTIONS NOW OVERDUE

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### **JAVELIN ENGINEERING Co. – PARTS FOR SALE**

The parts mentioned below are offered for sale, this is only a small selection of the materials actually in stock. It is suggested that anyone interested should contact any of the people mentioned below. This material is CHEAP.

|                                 |          |
|---------------------------------|----------|
| Bentleigh Areas, Mr. S. Carrigg | XU 3445  |
| Box Hill Areas                  | WX 3252  |
| Noble Park                      | 746 9874 |
| Ormond Area                     | LW 25978 |
| Pascoe Vale Area                | FL 6266  |
| Moonee Ponds Area               | FU 5364  |

#### **Items For Sale**

|                                     |            |
|-------------------------------------|------------|
| Brake Drums New. P.A. and P.B.      | £1-10-0    |
| Rear Mudguards Complete             | £4-0-0     |
| Bonnets Complete With Chrome Strips | £7-10-0    |
| Rear Bumper Bars, Standard          | £6-0-0     |
| Door Skins                          | £1-10-0    |
| P.B. Master Cylinders (Brake)       | £3-10-0    |
| Brake Actuating Cylinders, Complete | £2-10-0    |
| Engine Bearings, Mains, Standard    | £4-0-0 Set |

#### **INSTRUMENTS**

|                                  |         |
|----------------------------------|---------|
| Speedometers, PA and PB Standard | £4-0-0  |
| Fuel Guages, PA and PB Standard  | £1-15-0 |
| Fuel Tank Units                  | £1-10-0 |

#### **SUNDRIES**

|                       |        |
|-----------------------|--------|
| Bonnet Bowdern Cables | £1-5-0 |
| Choke Cables          | £1-5-0 |

### **KITS AND PARTS HELD BY THE CLUB**

I have had many requests to give an itemised list of those parts and kits sold by the Club, and available to members. This was done actually some time ago, such a list appearing in Jowett News No. 12. For the benefit of any new members however I will summarise these items again with their respective prices. It will be appreciated that with the reduced annual subscriptions it will not be possible for the Club itself to organise so many spare parts, particularly those which entail manu-facture in any quantity. These parts will be manufactured by the company mentioned earlier.

#### **Javelin Repair Scheme No. 2 – Front Suspension Modification**

New Yokes: £3-5-0 per pair; Kit (Rubbers, bolts, etc.): £1-10-0.

#### **Solid Tappetts**

Set of 8 Tappetts: £7-0-0.

#### **Gearbox Modification Kit**

Per Kit: £3-0-0.

#### **Changeover Carburettors**

Per Pair: £8-0-0 Plus old units.

#### **Universal Rubber Inserts**

Per Universal: £2-8-0.

#### **Front Suspension Upper Link Housing And Bushes**

Per Each: £1-5-0; Replacement Bushes: £0-3-0 Per Pair.

#### **Door Handle Blades – Bronze**

Per Each: £0-18-0.

### **AUTHORISED SERVICE STATIONS – VICTORIA**

|                      |                      |               |
|----------------------|----------------------|---------------|
| M. Thomas            | 687 Mt. Alexander Rd | Moonee Ponds. |
| S. Loxton            | 106-108 McKinnon Rd. | McKinnon.     |
| Hampton Tyre Service | Hampton St.          | HAMPTON.      |

### **NEW SOUTH WALES**

|                          |                   |                           |
|--------------------------|-------------------|---------------------------|
| Seary's Garage           | 91 Merrylands Rd. | Merrylands. Phone YU 2419 |
| Fillmore Service Station | 107 Victoria Rd.  | Gladesville.              |

### **TASMANIA**

|                           |                      |
|---------------------------|----------------------|
| Cambridge Service Station | Cambridge, Tasmania. |
|---------------------------|----------------------|

### **ADVERTISEMENTS**

#### **Advertise In The Jowett News – Circulated To Over 120 Members Everywhere**

Car Parts

Accessories

Radio, T.V.

Houses

Cameras

Services

Anything At All

Cost . . . A Mere 5/- Per Insertion, £2-10-0 per year.

Contact W.H. Worley, 19 Kent Road, PASCOE VALE. Phone: FL 6266

### **DISCOUNTS**

Available, on the production of your membership cards:

TYRES AND RETREADS – E.J. Woolnough and Sons, 36 Hawthorn Rd, Caulfield.

RUBBER MATTRESSES ETC. – Charlsworth Rubber Pty. Ltd., Corner Ingles and Lorimer Streets, Fishermans Bend. For mattresses and other goods.

### **TECHNICAL ARTICLE**

The article appearing in this issue has once again been prepared most kindly by John Taylor. Also associated will be found a list of modifications carried out on Jowett Cars from 1948 on, these modifications will appear on each issue and may prove interesting to the technically minded members. Thanks to our President Mr. C.V. Robieson for extracting these modifications from Jowett publications, and preparation to go in this issue.

### **FUTURE DEVELOPMENTS**

Technical Committee have in hand the design of a suitable oil radiator, which we hope to be able to have made in kit form, suitable for mounting on Javelin cars. The need for such a device is apparent and is long overdue. It is hoped that the fitting of a radiator of this type will help prevent much of the bearing troubles experienced at the moment, particularly where white metal bearings are used. (It is becoming rather difficult to obtain the copper lead bearings.)

Also under development is a positive method of sealing the spark plugs from the ingress of moisture, those who have the original fittings are fortunate. These are now no longer procurable however and an alternative is desirable.

Interesting data has been received by the Secretary on 'Glacier' bearings and bearing materials, including the new Aluminium type bearings, and from the 'Molybond Division' of 'Steel Weld Pty. Ltd.', some very interesting data on the application of Molybdenum-Di Sulphide solid lubricant to engines. Anyone interested in more details could contact Secretary.

## CHECKING OF MEMBERS CAR'S BY THE TECHNICAL COMMITTEE

Members are reminded that although Tech. Committee are quite willing to inspect car's, and offer opinions as to work required, etc., indeed this practice is quite common, the opinions thus expressed must not be taken to be absolutely final, since usually a complete examination, particularly of the engine, is needed before an accurate diagnosis is made. Our opinions are based on symptoms and experience only. Remember please that these inspections are done as favours only, usually in the spare time of the man concerned, and he cannot be held responsible for any apparent mistakes in judgment, etc.

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## CONCLUSION

May I once again remind Melbourne members of the forthcoming events, at which members may get to know each other, and their Committee. Please come along.

November 6<sup>th</sup> A.O.M.C.C., Baccus Marsh.

November 27<sup>th</sup> 1960 Inter Club Autokana, Somerton.

In addition to the above events, it is hoped to be able to have some of our members present at the forthcoming 500 mile Stock Car races, to be held at Phillip Island soon. Anyone who may be interested in going to this meeting could contact myself, or M. Dodd, at 3 Oberon Street, FORREST HILL, who is looking after the organising of this outing. Wonder how a Javelin would perform, what a turn up to win it. Anyone interested.

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Don't forget about our urgent need for additional Committee members, particularly in the field of social and sporting functions. Admittedly there is quite a bit of work involved, but it is worthwhile, and interesting, so help us to help you.

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My apologies for the number of mistakes, etc., appearing in this issue, but I seem to be right out of stencil corrector, and my wife has no nail polish handy.

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We don't appear to be making much headway as far as interstate branches of the Club are concerned, although we had a good contact for Tasmania, how about it Bob?.

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A hearty welcome is extended to all new members, on behalf of the Committee and members.

Hope this letter finds all members and their families enjoying good health, and happy motoring.

Your's Sincerely,

Signed: Bill Worley – 25-10-60.

(Hon. Secretary)

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## TECHNICAL ARTICLE

About this time of the year everybody starts putting off car repairs, in order to be involved in pre-Christmas panic. With warmer weather coming and much overloaded driving to be done, now or soon is a good time to get the old Javelin in good shape.

Personally I leave everything to the last minute, and often don't do it anyway. However if this policy does not appeal to you, please read on. There are varying degrees of mechanical failure, broken crankshaft, clutch plates, seized gearboxes, etc., usually being the type to really stop your gallup. The preservative maintenance techniques are, respectively, set the ignition timing as per the handbook, and don't over rev, or labour the engine, don't suffer violent clutch judder, look for the trouble, also don't forget to put oil in it. The back end of the drive train can be certified O.K. if it's gone this far.

Check the condition of the universal joints, any signs of cracks in the rubber inserts around the through bolts are a prelude to a crescendo under the floor. The front universal has the worst job as it constantly works at an angle, it's life can be extended by swopping it with one of the others, which are far less stressed. By judicious interchanging in this manner it is possible to have all three universals pack up at once.

Have a look at the right angle rubbers at the ends of the midship bearing support cross member, if these rubbers break the cross member will drop and wear through either the fuel line or battery cable. Eventually these rubbers will give trouble and they may be easily replaced by making your own out of bonded hose.

Check the rear engine mounting bracket for cracks. It may be re-welded with little harm to the rubber insert should it be cracked. Have a garden hose handy though.

Tyres obviously warrant a mention, remember any radial cracks are more dangerous than those which go around the tyre. Don't drive with either however, they can crack on the inside too remember. Wheel bearings that feel slack or rough should be replaced, or spares carried. Worn steering ball joints can cause bad handling, especially if they fall off. Tie rods can crack at the inner end and, usually if the ball joint is incorrectly set as far as height is concerned, this may be identified by the steering wheel kicking badly on bumps.

On the subject of steering, the rubbers at the end of the Panhard bar, (stay rod), that runs from the top of the diff, to the body, should be checked. The steel washers that house these rubbers crack and allow the rear axle to float sideways, the effect is quite exhilarating when driving on tram lines.

We have not up to date considered the condition of the engine, high oil and fuel consumption, oil in the water, water in the oil, low oil pressure, oil leaks from the felt vents, and oil leaks around the oil filler, low compression and sundry knocks are indicative of an engine condition commonly referred to as being 'All shook up'. If any of these conditions are evident, most of Christmas touring is going to be done on the end of a tow rope.

If they all apply, we suggest you do something. Call on your Banker.

The Committee has recently been investigating methods for keeping the lubricating oil cool. The original type of oil cooler impairs engine accessibility somewhat, and leak somewhat more, but apparently achieved their purpose. Stan Carrigg, Bill Worley and myself have fitted tubes through the sump to allow the passing of air thru the oil, so to speak, but although some improvement is evident, it is not considered the perfect answer.

Any member, with more spare time than we have, who would like to join us in this oil cooling business could please drop me a line.

John D. Taylor (Technical Committee).

## JAVELIN – TECHNICAL INFORMATION

**Date of Issue: March, 1950**

**From JOWETT CARS LIMITED**

| <b>Item No. 1 Engineering Changes</b>   | <b>Effective From</b> |
|---|-----------------------|
| Flywheel, and clutch assembly balanced as a unit  | D8/PA.100             |
| Exhaust manifold flanges increased in diameter  | D8/PA.164             |
| Redesigned air silencer   | D8/PA.185             |
| Hydraulic tappet fitted with end cover  | D8/PA.781             |
| Expansion chamber fitted to exhaust system  | D8/PA.997             |
| Carburettors changed, from 30 VM4 to 30 VM5 (type 'M')                                  | D9/PA.1753            |
| Flywheel bolts, diameter increased from $\frac{3}{8}$ -in. to $\frac{7}{16}$ -in.       | D9/PA.2200            |
| Dynamo changed from C.45 to C.39  | D9/PA.2259            |
| Connecting rod bolts, diameter increased from $\frac{5}{16}$ -in. to $\frac{3}{8}$ -in. | D9/PA.2373            |
| Spring arm trunnion bushes pressed on and retaining nuts deleted                        | D9/PA.2554            |
| Steering box eccentric lush incorporated  | D9/PA.2871            |
| Exhaust system. Single rear silencer  | D9/PA.3138            |
| 12-volt single battery fitted   | D9/PA.3696            |
| Copper lead connecting rod bearings fitted  | D9/PA.3794            |
| Fitting of starter solenoid and electrical harness alterations (R.H. drive)             | D9/PA.4243            |
| <b>Item No. 1 Engineering Changes (Continued)</b>                                       | <b>Effective From</b> |
| Copper lead front and centre main bearings fitted                                       | D9/PA.4322            |
| Oil bath air filter fitted (Export only)  | D9/PA.4431            |
| Oil bath air filter fitted (All models)   | D9/PA.5374            |
| Modified water pump (T/C 26)  | D9/PA.5857            |

|  |            |
|--|------------|
| Vacrom piston rings fitted (T/C 27)                  | D9/PA.5756 |
| Front suspension lubrication (Revised method)        | D9/PB.5979 |
| Adjustable steering balls fitted. (R.H. drive)       | D9/PB.6572 |
| Adjustable steering balls fitted (All models)        | E0/PB.6801 |
| Exhaust system, introduction of detachable tail pipe | E0/PB.7509 |
| Redesigned rear timing case cover                    | E0/PB.7676 |

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