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Any make of car supplied.

THIS WEEK'S BARGAIN

1930 WOLSELEY HORNET SALOON, Excellent Condition. £97 - 10 - 0

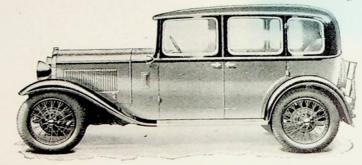
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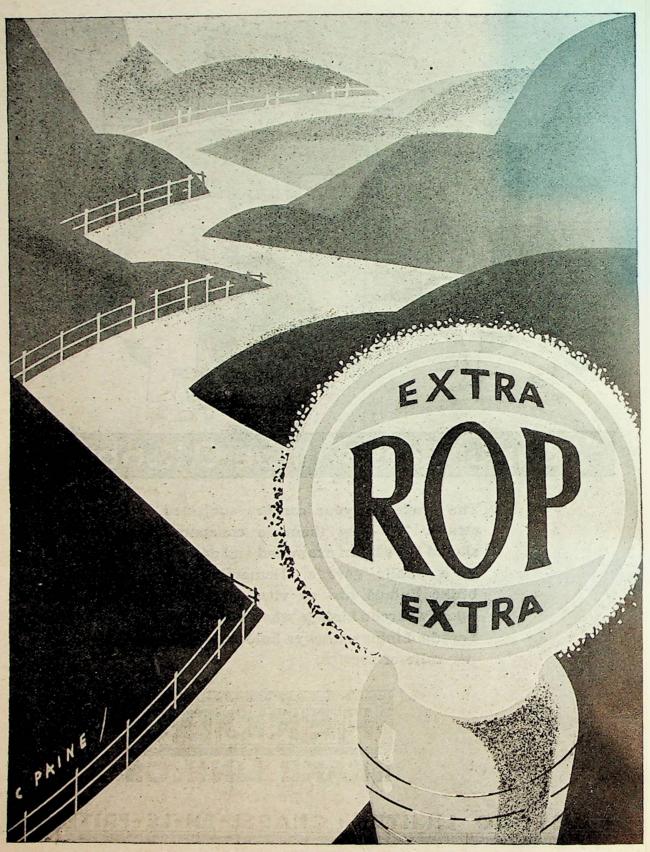


"Your brakes will be O.K.now"

The brakes of your car are subjected to enormous strain. To keep them in constant efficiency you should have them examined and adjusted occasionally at a public garage. Remember that dependable brake linings are as vital as correct adjustment. Specify Ferodo Linings whenever relining is necessary. Ferodo Linings always hold and they are cheapest per mile of service.



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Friends, Romans, Countrymen, Lend me your auriculars.

About the Jowett car I'll give you some particulars!

It will seat four full-grown persons (five at a pinch) in perfect comfort.

It will carry this load anywhere at a cost of less than ½d. per mile in petrol, oil, and tyres.

It will average 35 miles per hour on a long run, its fastest speed being about 50 m.p.h.

Its second-hand value is high, as a reference to any advert. will show.

It is a handsome car, and you are proud of it anywhere.

It is the most reliable light car made If you want further particulars send us a post card.

Prices from £142.

Tax £7.

JOWETT CARS LTD IDLE, BRADFORD

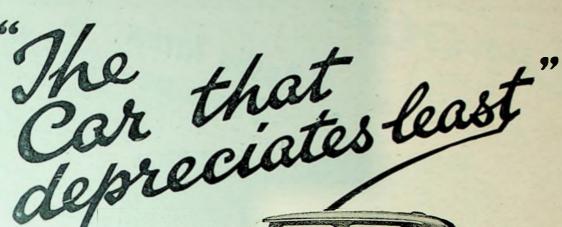
Sankey made the First Steel Wheels - Sankey Wheels are still FIRST



JOSEPH SANKEY & SONS LTP HADLEY CASTLE WORKS . WELLINGTON . SHROPSHIRE









You have noted our constant repetition of that statement--

You have wondered why we emphasise it, but-

Don't you realise the value of this "least depreciation"?

Don't you appreciate its influence on your motoring costs?

To-day we must all study economy, and to run a car with a £9 tax, a petrol consumption of 35/40 m.p.g. and an upkeep cost reduced to the absolute minimum to run it and cover (as most Rileys do) more miles by far than the average car will cover, and then, when desiring a change of model, to find that its depreciation has been practically negligible-WELL, THAT'S REAL ECONOMY!

the car of outstanding The real economy of individuality and performance-the

Ltd., COVENTRY

" Such fun to drive.

Ask for demonstration. RILEY (Coventry)

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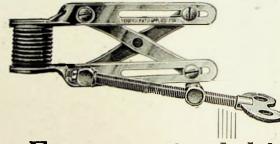
Quarterly £1 15 6 £1 18 0 Payable Annually Q r £145 £6 15 0 £ n £155 £7 4 0 £ OTHER MAKES IN PROPORTION.

FULL THIRD PARTY POLICIES with Road Traffic Certificate approximately ONE-HALF THE ABOVE RATES. ANY Driver 121% extra. 10% Reduction for No Claim Bonus.

Applications for Agencies are invited.

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For your tool-kit The "TERRY" Valve Spring Lifter and Compressor.

This tool combines the operations for removing and replacing valve springs, and enables the work to be done with ease.

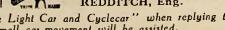
Jaws are reversible to varying zero positions and lock at every point. Made from STEEL pressings, hardened and tempered, and adaptable for side-by-side and overhead valves

Price 7/6 each.

From Agents. If unobtainable, order from us.

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World's Motor Boat Speed Record

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LODGE PLUGS

in the Rolls-Royce engines of

"MISS ENGLAND II"

LODGE PLUGS LTD.-RUGBY



Special Saloon 4-seater Tourer £145 £175 "Big Nine" Special Saloon

are demonstrating the new 1932 STANDA cars — NOW!

MORE "SERVICE" USED CAR BARGAINS.

1929 JOWETT Saloon, choice of coachbuilt hbuilt or .. **£75** 1930 MORRIS Minor Saloon, usual equipment. One owner 1930 JOWETT Black Prince Short Saloon, 6,000 miles only .. £98 1929 JOWETT Short Four-seater, Maroon .. £58 fabric 1931 ROVER, 10 h.p. Regal Sunshine Saloon £162-10

1931 MORRIS Minor fabric Saloon, finished Blue. One owner £98 1931 A.J.S. Saloon, brand new but slightly soiled, List price £197; special price and maker's .. £165 guarantee

Best Possible Deferred Terms.

Yes, Sirs. At The Service Company new 1932 Standard cars are on view and demonstration models are available to take you for a trial spin. And "Service" Own Financed Deferred Terms are available too, making car buying much easier than you imagine. Why not come along to-day?

CO. FOR NEW STANDARDS

> A. J.S., AUSTIN. JOWETT. MORRIS, ROVER, SINGER. TRIUMPH CARS.

273-274, HIGH HOLBORN,
Phone: Holborn 0664 (3 lines).
Hours: Mon.—Fri. 9 a.m. to 6.30 p.m.
Sate. 9 c atablished 1889.

HEAD for SPEED and RELIABILITY

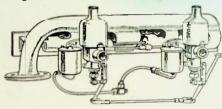
RELAY GRAND PRIX, units fitted to 1st unsuper-charged Austin 7 to finish and to the 1924 Austin 7 which completed biggest mileage

AUSTIN 72/6

TRIUMPH

DEEP NOTE EXHAUST SYSTEMS, 37/6, BALANCED INDUCTION PIPES, 25/-.
TERRY'S DOUBLE VALVE SPRINGS, 10/6, II.O. GASKETS, 2/-.

Wolseley Hornet Twin Carburetter Unit.

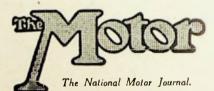


With high efficiency design inlet and exhaust manifold giving an amazing increase of power, better distribution, resulting in very slow running on top gear and a descendant of the power output. Acceleration and hill-dimbing improved by 20.25%, 74 m.p.b. on top, 60 on second, 21 on first gear, 33 m.p.g. Complete unit includes appeals inlet and exhaust manifold, with twin 8.0. Carburetters, double potrot piping, special controls and ready to 6t. 212 - 10 - 0, carriage 3/-.

Twin AMAL Downdraught Carburetter Unit, giving wonderful acceleration and speed, 214-10-0. DEEP NOTE EXHAUST SYSTEMS, 42/- REAR PETROL TANKS, complete with Petrolift and all fittings, 26-15-0. DOUBLE VALVE SPRINGS, 14-6 set.

V. W. DERRINGTON, KINGSTON - ON - THAMES. Open 8.30-7-30. Wednesdays: 8-30-1 'Phone: 3720.

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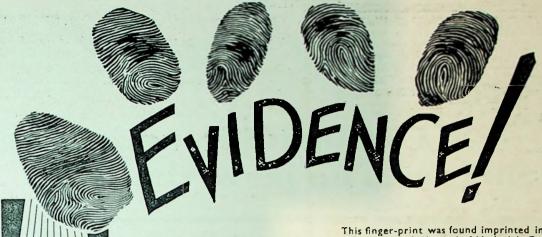
on Tuesdays!



in your body and rid your car of the obnoxious fumes which escape from the crank case through the breather. MIDDLEMORES

Fitted in a few minutes.
For Morris Oxford and
Cowley, Morris Minor and
Austin 7 h.p., Wolseley 6,
8 and Hornet, Singer Junior,
Standard 9, Rover 10 and
Ford.

PRICE 21/ Complete
Write for Leaflet:
MIDDLEMORES (Coventry) Ltd.
Little Park St., Coventry.
Established over 60 years





HAVE VOU TRIED

"CHEMICO" BENZOYLE FOR

UPPER-CYLINDER LUBRICATION?

Drain and Flush with "Chemico" Flushing Oil.

This finger-print was found imprinted in tar on the otherwise unblemished panel of My Lady's Car.

Luckily, a tin of "Restora" Car Polish was at hand—and a quick wipe over was all that was necessary to remove all trace of the offending mark.

Evidence — conclusive, irrefutable — comes from North, South, East and West, that "Restora" removes instantly all tar and stains, and also layers of old polish—getting right down to the original surface and leaving behind a hard, brilliant finish.

TRY "RESTORA" TO-DAY!

1/6 per tin.

OBTAINABLE AT ALL GARAGES.





THE COUNTY CHEMICAL Co., Ltd., "CHEMICO" WORKS, BIRMINGHAM



Issued by " The Motor."

2/6

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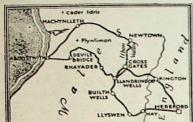
THE MOTORISTS' WORKSHOP GUIDE

completely re-written and re-illustrated.

DEALING exhaustively with the most modern methods of motor vehicle repair. The work is written throughout in non-technical language and practically every necessary tool and operation is shown in illustration.

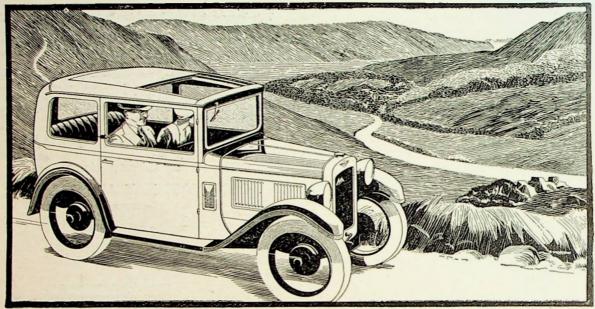
5th EDITION.

AS DEPENDABLE AS AN AUSTIN



An enchanting run through some of the mid-Welsh spas and mountains. From Hereford, visit Hay, Llyswen, Builth Wells, Llandrindod Wells, Rhayader and Devil's Bridge and on to Aberystwith. Thence back via Machynlleth, Newtown, Cross Gates, Llandrindod Wells and Kington to Hereford. Total distance—just over 200 miles.

motoring costs no more than this ...



IN THE WELSH MOUNTAINS.

You could not wish for more enjoyable, more satisfying motoring than is given by the Austin Seven. With its adjustable front seats, its pneumatic upholstery, its ample leg and head-room, spacious enough even for a guardsman, four people can travel fast and far in a Seven without fatigue or restriction . . . can arrive at their journey's end as quickly as in a car twice as expensive to buy—and maintain.

In this comfort, this economy, lies the appeal of the Austin Seven, for—inclusive of petrol,

oil, tyres, tax, insurance and maintenance charges—it costs but 11d. a mile to run. Thus, four people can enjoy a 200 miles tour, similar to that mapped out above, for about 25/-, or 6/3 per head.

Such low cost—probably less than the sum you spend each year on far less convenient forms of transport—shows how inexpensive motoring can be—with an Austin Seven. For a small down-payment, a car can be yours. Talk matters over with your nearest Austin dealer.

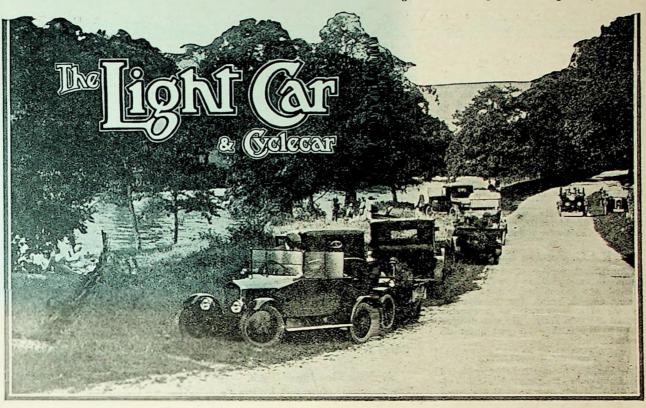
Coachbuilt or Fabric Saloon £130. Sunshine Roof £5 extra. Tourer £122.10.0 Triplex glass, chromium finish and Dunlop tyres standard.

READ THE AUSTIN MAGAZINE: 4d. EVERY MONTH.

AUSTIN 7



The Austin Motor Company Ltd., Longbridge, Birmingham. Showrooms, also Service Station for the Austin Seven: 479-483, Oxford Street, London, W.r. Showrooms and Service Station: Holland Park Hall, W.r.



Something very like summer weather favoured the August holiday week-end-the last break until HALCYON Christmas for so many-and thousands took the opportunity for picnics in pleasant surroundings. Our DAYS. photo shows a fine picnic spot on the banks of the Nidd, near Barden Towers, Yorkshire.

Cautious Holiday Drivers.

The vast majority of drivers on the road during the August Bank Holiday appeared to be driving with great caution and consideration.

History.
It may not be generally realized that petrol is now cheaper than it has ever been in the history of the motoring movement.

We Agree!

A member of Parliament, speaking of the present Ministry of Transport, said that under its present Minister (Mr. Herbert Morrison) more has been accomplished in two years than in ten under other administrations.

The Alpine Trial.

Thirteen British cars are competing in the International Alpine Trial which started last Friday from Munich and finishes to-day (August 7th) at Berne. Four British drivers had lost no marks after the first four days of the trial, a report of which appears in

"Tote" for Brooklands Public.

A totalisator was installed in the public enclosure at Brooklands for the first time on Monday last. Hitherto the "Tote" has been available only for the use of B.A.R.C. members. A report of Monday's racing appears on page 300, whilst full detailed results will be found under "Club Items."

No. 974. VOL. XXXVIII.

NEWS of the WEEK

An Austin Twelve-Six eme rgcs with flying colours from a 5,000-mile test (page 302).

Have you ever towed or been towed? The experience can be amusing (page 309).

Learn all about the Bendix duo servo ingonious braking system—it is very braking (page 311).

The cause and cure of " gulp" flat spots is fully explained by Mr. Mantell on page 313.

There is much more in an old world village than a casual visit will show. There is a heart which it is worth while to find (page 314).

"The Iron Road"-New Style.

We hear that roads having an iron surface consisting of studded triangular plates may be laid in West Ham and in Worcester for experimental purposes.

Buying British.

It is stated by the Minister of Transport that all the materials used in coustructing the Guildford-Godalming bypass will be of British origin with the exception of a small quantity of bitu-men, which is obtained from Empire sources.

A Welcome Move.

At a cost of £72,000, South Street, Romford, which is stated to be the most congested street in all Essex, is to be widened.

Days Getting Shorter.

Lighting-up time in London is now 9.38 p.m., and times for other parts of England are:—Birmingham 9.48 p.m., Newcastle 9.57 p.m., Liverpool 9.57 p.m., Cardiff 9.51 p.m., Edinburgh 10.7 p.m., Dublin 10.10 p.m. and Belfast 10.13 p.m.

The T.T.

There are 51 cars down to start in the R.A.C. T.T. on August 22nd, of which 31 are light cars. In addition to the British machines there are three French, eight Italian and one German car amongst the entries.

A full list is given under "Club Items."

Another Toll To Go.

It was decided at a meeting of the Hampshire County Council recently to free the Bursledon toll bridge, on the Southampton-Portsmouth main road, on and after August 16th.

Road Reports.

The Foston by-pass is now open to traffic.

The single-line traffic system is in operation on the Bawtry-Ollerton Road between Appleby Head and the Normanton Inn.

Alternative route signs have been erected in Huddersfield, where the Huddersfield-Manchester road is closed.

R.A.C. Foreign Service.

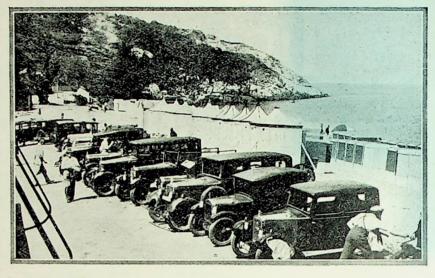
The R.A.C. service of sending spare parts to stranded motorists touring abroad has proved highly popular. A recent case in point was the dispatch by air of a back axle to a member broken down in Italy. He was delayed through the mishap for just under 48 hours!

A Handy Cleaner.

An effective cleaner is being marketed by Sandeman Brothers, Ruchill Oilworks, Glasgow, and its uses are many and varied. In the household it can be employed in a number of different ways, whilst as a hand cleaner it is undoubtedly effective. It can also be used for cleaning the windows of a car and for taking oily stains out of clothing; in addition, it can be recommended as a tar stain remover, and lays claim to merit as a paint cleaner.

Saroul, as it is called, can be obtained from ironmongers and accessory dealers in sprinkler-top tins at 6d. and 9d. and 1s. 3d. Larger quantities can be supplied, a quarter-gallon tin, for example,

costing 3s. Gd.



DOWN TO THE SEA IN CARS.

Oddicombe Beach, near Torquay, Devon, is a favourite haunt for motorists on fine week-ends Cars are allowed on to the beach, where they may be parked free.

A New Goodyear Tyre.

The Goodyear Tyre and Rubber Co. (Great Britain), Ltd., is now offering an entirely new Goodyear tyre. This has triangular projections known as prismed buttresses down the sides and at the shoulders of the tread which are designed to take the strain, support the side walls and consequently give increased mileage. The manufacturers state that after prolonged tests the new tyre has been found to give 24 per cent. more wear than their previous all-weather tread.

In addition, owing to the use of a special cord material, the tyre can be run at several pounds lower pressure.

"Model Engineer" Exhibition.

The "Model Engineer" Exhibition will be held at the Royal Horticultural Hall, London, from September 2rd to September 12th, and will, as usual, prove a great attraction to those interested in things mechanical.

Horse v. Car.

At Swansen County Court recently an unusual case was heard when damages for injuries to a well-known South Wales show horse were claimed against a motorist, following a collision with his car. The motorist said that the mare shied at a heap of stones and that after the accident the groom said, "We will pay for the damage to your car." Tho jury found for the motorist, and judgment was entered accordingly, with costs.

The Motor Ball.

The Annual Motor Ball and Carnival will be held at Grosvenor House, Park Lane, London, on Wednesday, October 21st, during Motor Show Week, from 9.30 p.m. until 3.30 n.m. H.R.H. Prince Arthur of Connaught has extended his patronage to this annual function in aid of the Motor and Cycle Trades Benevolent Fund.

Single tickets will be priced at 30s., and double tickets at £2 15s. There will be three special boxes—each holding a party of 12—at one end of the balcony. That in the centre has been booked by the president, Sir George Beharrell, and the other two will be sold by auction to the highest bidder, with a reserve price of 25 guinens on each. Bids should be made without delay to the secretary, Mr. A. H. Dawson, 42, Bedford Row, London, W.C.1. Boxes on the dancing floor, to hold four, are priced at 10 guineas; to hold six, 15 guineas; to hold eight, 21 guineas; and to hold 12, £31 10s. In the balcony the prices of tickets are:—Four, £7 10s.; six, £10 10s.; eight, £15; and 12, £21.



STILL GOING STRONG!

"Boanerges"—the Rover which was described in No. 2 of our series "Veterans of the Road"—won the Old Crocks' race at Brooklands last Monday at 24.99 m.p.h.!

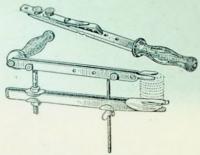
The single cylinder is alleged to develop 8 h.p.

"Practical Motoring."

The latest addition to motoring literature, "Practical Motoring" (The Waverley Book Co., Ltd., 96 and 97 Farringdon Street, London, E.C.4), will be welcomed by enthusiasts. We shall be reviewing it fully next week.

Combination Decarbonizing Tool.

Known as the Wonder Tool, a very ingenious combination tool for decarbonizing and valve-grinding is being marketed by Amalgamated Accessories,



The Wonder Tool arranged as a scraper and as a spring compressor.

Ltd., Tavistock Place, Russell Square, London, W.C.1. Amongst its many uses are those of a valve-spring compressor for either removing or replacing valves, a valve grinder—in which the desirable semi-rotary motion can be given with particular case—and a carbon scraper. Models are available for either o.b.v. or side-valve engines at 12s. Gd., whilst for 15s. a combined model suitable for either type of engine can be obtained. It should be noted that in addition to the actual combination tool each outfit includes a tin of special grinding paste and a tin of jointing compound.

Changes at Ripon.

Ripon City Council has decided to make certain welcome changes in this old Yorkshire cathedral town. At an estimated cost of over £4,000 a new roadway is to be constructed—part of a comprehensive scheme to relieve the congestion of traffic through the narrow streets. The new road will make a fresh route into the city from York, Boroughbridge and the south, avoiding the narrow entrance into the market place.

"Not Guilty."

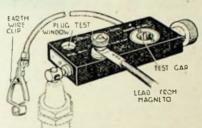
At Cardiff Quarter Sessions this week a 19-year-old girl was acquitted of a charge of dangerous driving. The proceedings were a sequel to a collision between her car and a motorcycle, the driver of which was fatally injured. On being acquitted of a charge of manslaughter, she was committed for trial on a charge of dangerous driving by the Cardiff stipendiary magistrate. Counsel submitted that proper notice that proceedings were being taken had not been served on the defendant, as required by the Road Traffic Act, and the Recorder, upholding this contention, directed the jary to return a verdict of "not guilty."

Cobbles to Remain.

The Roads Committee of the Richmond (Yorks) Town Council recently discussed the substitution of tarmacadam road surfaces for the well-known cobble stones to be found in this old town. After a debate, in which it was urged that the cobbles were unsuited to motor truffic, it was decided to retain the cobbles to preserve the old-fashioned appearance of the streets.

Handy Ignition Tester.

An ingenious ignition tester which is suitable for either coil or magneto systems is being marketed by the Magneto Services Co., High Street Corner, Halifax, at the price of 6s. 6d. It is shown in use in an accompanying sketch, from which it will be observed that it incorporates a test window and a spark gap. The test window indicates by flashes, whether or not current is passing, and a test of this point can be made



The ignition tester connected up ready for use.

without disturbing the plug lead, the end terminal of the tester merely being placed in contact with the plug terminal. The spark gap, on the other hand, gives an indication of the actual voltage of the current, and to make this test the device must be connected up as shown and the knob pulled out as far as possible; this gives a gap which the spark should be able to jump if the system is working up to standard.

New Tyre-making Process.

At the Dunlop cotton mills at Rochdale, 50 machines for making tyre cord by a new process which is claimed to give much greater resistance to fatigue have just been installed. The new machines put two twists into the thread for each turn of the spindle instead of one, as in the past. The principle is not new, but machinery has not hitherto been available to carry out the double operation. The system is to be introduced throughout the Dunlop mills.

Swift of Coventry, Ltd.

Mr. Justice Maugham, in the Chancery Division recently, made an order for the compulsory winding up of Swift of Coventry, Ltd. Mr. T. F. Davis, who appeared for the petitioner, said that the petition was brought by a judgment creditor for £1,184, and costs. Execution had been put in, but everything was claimed by the Receiver. The company did not appear and there was no opposition.

A New Supercharger.

Mr. J. Haydock, of Blackburn, and Mr. C. Shorrock, of the Torendor Engineering Co., Preston, have evolved a new vane-type supercharger in which the vanes move axially, or parallel with the driving shaft, as opposed to the more usual radial movement employed in the sliding vane type of blower.

It has been found during experiments that the power required for driving the supercharger is definitely less than for other types of blower, and that its output is greater both at high and low speeds.

speeds.

A six-vane model designed for a 750 c.c. engine displaces 1,100 c.c. and develops a pressure of 30 lb. per sq. in. above atmosphere at 5,000 r.p.m. As an indication of the very slight leakage past the vanes, it is stated that on the suction side the supercharger can produce a partial vacuum of 12 lb.



MAKING

A corner of the new sand-casting foundry which
forms part of the extension to the works of the
British Piston Ring Co., Ltd.

THE INTERNATIONAL ALPINE TRIAL

British Cars Doing Well in World's Most Strenuous Trial-Fine Driving Over Dangerous Passes - Four British Drivers Retain Clean Sheets After Four Days Running

EARLY in the morning of last Fridny, July 31st, 62 cars, repre-senting every country in Europe, left Munich on the first stage of the International Alpine Trial, which concludes to-day, Friday, August 7th, after a week of the most strenuous Continental motor-ing it is possible to imagine. Throughout the trial cars under 1,100

c.c. have to maintain a schedule of 23.6 m.p.h., cars under 3 litres 24.23 m.p.h., and cars of unlimited capacity 25 m.p.h. The British contingent is D. Healey (Invicta), H. E. Symons (Tal-Healey (Invicta), H. E. Symons (Talbot), W. F. Bradley (Armstrong Siddeley), Mrs. Lionel Martin (Hillman Wizard), and the following light cars: V. E. Leverett, Cecil Riley, G. F. Dennison, J. Hobbs, A. G. Gripper, R. C. Porter (Rileys), Lord de Clifford and R. V. D. Sullivan (M.G. Midgets). A six-cylinder Standard is being driven by an Austrian calling himself "A.B."

An Early Retirement.

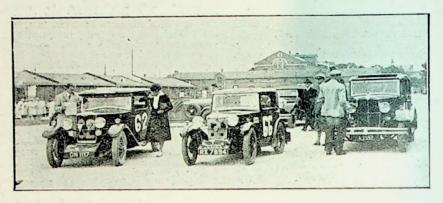
Misfortune overtook R. V. D. Sun-van (M.G. Midget) very early, for by Lake Walchensee his coil burnt out and complicated ignition trouble put his car out of the trial. Mrs. Lionel Misfortune overtook R. V. D. Sullihis car out of the trial. Mrs. Lionel Martin's Hillman Wizard suffered from fuel trouble on the long climb up the Flexen Pass, due to a defective petrol pump, and after losing 40 minutes desperate driving enabled the car to check in 30 minutes late at the next control at Arlberg; at Innsbrück the Hillman

nt Arlberg; at Innsbruck the Hillman checked in dead on time!

The Standard Ensign driven by the Austrian "A.B." climbed the Flexen Pass on third gear, and an Englishwoman, Princess Shelagh von Licchtenstein, driving an Austro-Daimler, was preticularly for and part and princess. particularly fast and neat on this notorious pass.

Shortly before reaching Innsbruck the Riley driven by R. C. Porter and H. J. O. Ripley had magneto trouble, losing the competitors 18 points ou schedule. The other Rileys ran with complete regularity and aroused much favourable comment. favourable comment amongst the foreign competitors, the only incident of note being a puncture on Capt. Cecil Riley's car.

The second day of the trial, over the 208-mile stretch between Innsbrück and St. Moritz, was probably the most trying of all. This section included the dreaded timed ascent of the Stelvio -the highest mountain road in Europe -and such passes as the Giovo, Ofen, B10



A trio of English cars ready to leave Munich last Friday—A. G. Gripper's Riley, Lord de Clifford's M.G. Midget coupe and the Standard Ensign which is being driven by an Austrian. AT THE START.

Flucla and Albula. Competitors, in order to maintain their average speed throughout, bad to drive "flat out" from the start, and many feats of clever driving took place on the narrow roads. Sixty-one cars left Innsbruck at 5

o'clock, on Saturday morning, and only 55 cars checked in at St. Moritz. The Hillman Wizard again suffered from fuel trouble, and the spare petrol pump gave up in the middle of the timed section on the Stelvio. So much time was lost in rebuilding one pump out of two defective ones that the car was with-drawn at St. Moritz.

A similar fuel trouble afflicted G. F. Dennison (Riley), who lost many marks whilst fitting a new Autovac. R. C. Porter (Riley) had endless ignition trouble, and just managed to reach the St. Moritz control before it closed. A. G. Gripper (Riley) also finished just in time, having had difficulty in maintaining his average on the tortuous mountain passes after a delay caused

mountain passes after a delay caused by a defective starter motor. The official Riley team checked in at St. Moritz in good time. Lord de Clif-ford (M.G. Midget) finished ahead of many larger cars, and J. Hobbs (Riley) had a trouble-free run. V. E. Leverett (Riley) (Riley), after stopping for a broken oil gauge, covered 27 miles on the daugerous Albula Pass in 46 minutes!

Invicta Second Fastest on Stelvio.

The fastest time on the Stelvio was made by an Alfa-Romeo, with Donald Healey (Invicta) second and H. E. Symons ("105" Talbot) third. The Invicta, incidentally, had to reverse on eight of the hairpins on this famous pass!

On Saturday night, out of 62 starters, only 15 cars retained clean sheets, among them the four British sheets, among them the four British competitors, Capt. Ceeil Riley (Riley), J. Hobbs (Riley), H. E. Symons (Talbot) and Donald Healey (Invieta).

The third day's run was from St. Moritz to Turin (291 miles), during which a terrific storm made the condi-

tions even more trying. Between Lo-carno and the Italian frontier at Camedo the road was never straight for 10 yards at a time! tors who started in the morning reached

the Turin control before it closed.

On the fourth stage, 206 miles had to be covered from Turin to Nice, and excellent weather and roads free from excellent weather and roads free from dust made this run the most pleasant so far. Capt. Cecil Riley (Riley) had the misfortune to collide with a French car. Lord de Clifford (Midget) was going well, and had, so far, lost only 10 marks, and on arrival at Nice the English competitors' sheets stood as fol-

Donald Healey (Invieta), no marks lost; H. E. Symons (Tulbot), no marks lost; W. F. Bradley (Armstrong Siddeley), 2 marks; V. E. Leverett (Riley), 6 marks; Capt. Cecil Riley (Riley), no marks lost; J. Hobbs (Riley), no marks lost; G. F. Dennison (Riley), 113 marks; A. G. Gripper (Riley), 126 marks; R. C. Porter (Riley), 118 marks; and Lord de Clifford (M.G. Midget), 10 marks. Donald Healey (Invieta), no marks

The team positions and marks lost so far were as follow:—Wanderer, 9 marks lost; Praga, 28 marks; Praga-Piecolo, 57 marks; F.N., S4 marks, and Riley, 119 marks.

Riley Overseas Model.

As we briefly announced in our issue of May 15th, the Army model Riley—which was produced for heavy military duties—is available to the public as an Overseas model. Our Midlands cor-respondent now informs us that these models, which are developed from the well-known Riley open tourer, are becoming increasingly popular. The chief features of the Overseas Riley—which is an open formers of the chief features. is an open four-seater—are increased ground clearance, larger wheels and tyres, stronger road springs and the uso

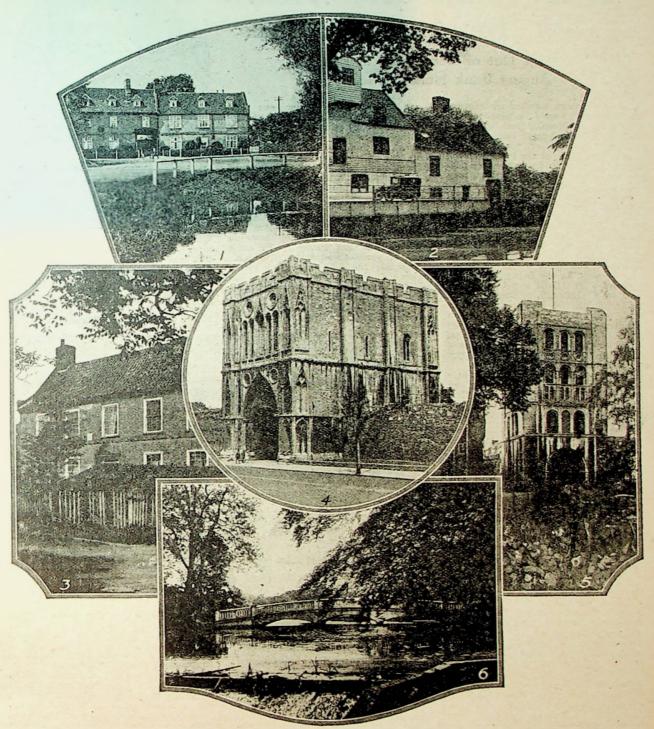
of a large fan in the cooling system.

The rear portion of the hood can be rolled up and the screen can be opened fully so that a draught right through the car is obtainable in the tropics.

The price of the model is £310 complete. Three Overseas models are competing as the official Riley team in the Alpine Trial.

Glimpses of

A LITTLE-KNOWN COUNTY-SUFFOLK



(1) The old Bull Inn at Great Barton, in a rural setting, makes a very pleasant halt on the Cambridge to Norwich road. (2) A tranquil scene on the River Lark, Great Barton Mill. (3) At Dumpling Green, near Swaffham, the house where George Borrow, the famous author of "Lavengro," was born. A fine example of 18th century domestic architecture. (4) One of the historic gems of the ancient city of Bury St. Edmunds—the Abbey Gate. Built in 1327, this fine gateway is the main entrance to the monastery founded in A.D. 631, and which, in the middle ages, was famous throughout the land. (5) Another treasure of Bury, the 11th century Norman Tower. This massive example of the stately Norman period is 86 ft. high and houses the bells of the cathedral of the diocese of St. Edmundsbury and Ipswich. (6) Euston—not the famous London station, but a quiet spot just off the Thetford-Bury St. Edmunds road, where a delightfully wooded park comes down to the margin of the Thet.

LIGHT CARS DO WELL BROOKLANDS AT

Six Wins Out of Ten Races at B.A.R.C. August Bank Holiday Meeting

A GOOD crowd watched an interesting and varied programme at Brooklands on Monday last when the B.A.R.C. held its August Bank Holiday. GOOD crowd watched an interestmeeting. The weather, too, was quite good, a large part of the meeting being The weather, too, was quite run off in bright sunshine; the only flaw

run off in bright sunshine; the only haw
was the wind, which was very strong
and gusty for high speeds.
This did not interfere very much
with the normal races, but made the
tasks of Mrs. Stewart and Sir Henry
Birkin, in their attempts to beat the
Brooklands Flying Lap Record, doubly difficult; in fact, it was almost a fore-gone conclusion that conditions were too bad for the record to fall. Actually too and for the record to fall. Actually Mrs. Stewart, in the Derby-Miller, put in one lap at 116.64 m.p.h. and then came to a standstill, apparently with engine trouble. Sir Henry, on the other hand, put up an extremely good run when one considers the wind, and in the course of several very high-speed laps, in which his Boutlay reared very in which his Bentley roared round almost at the very top of the banking, he covered two laps at 134.97 m.p.h.

Strangely enough, during a race later in the day he bettered this speed by lapping at 135.34 m.p.h., but even this, of course, was not sufficient to beat Kaye Don's existing figure of 137.58

Placed in Every Race.

Light cars did extremely well on the whole, winning no fewer than six of the ten races and achieving at least one place in every event.

R. F. Oats was the outstanding light

O.M. He won the first Mountain race, came in second in one of the short handicaps and was first past the post in one of the one-lap sprint handicaps; his successes in the last two of these events were achieved in spite of a reduced handiean.

J. H. Bartlett (Salmson S) also

drove excellently, achieving one first and one third place, whilst L. A. Cushman (Austin S) gained two "seconds."

Other light car drivers who were successful were W. E. Humphreys (Amilear S) and H. W. Purdy (Thomas Special), both of whom gained a first place. Purdy's success was in the London Lightning Long Handicap, in which be drove an extremely fine race, having a ding-dong battle throughout with Jack Dunfee (3-litre Ballot), who started with the same handicap. Dunfee actually got ahead of Purdy on one occasion, but Purdy finally came home 35 yards ahead at 103.61 m.p.h.

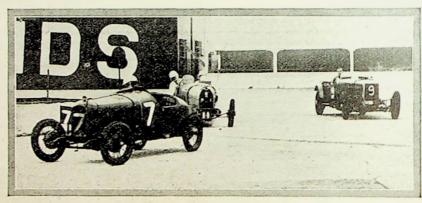
Probably the most interesting events were the three Mountain races, in which cornering was extremely spectacular at the Fork.

In the first Mountain race, for example, W. E. Humphreys (Amilear S)



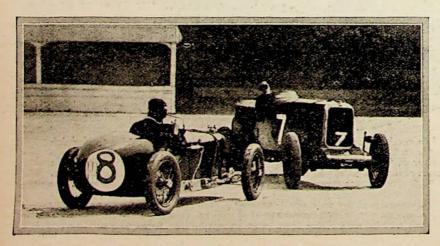
R. F. Oats, who, in a supercharged O.M. gained two firsts and one second place.

turned right round in the very path of P. Fotheringham Parker (Alvis), who just managed to avoid him, whilst, in the second, Raymond Mays, having worked his way up from the back markers to third place in a matter of five laps, skidded right round at the Fork and so lost all hope; the limit man, T. S. Fothringham, in a Bugatti, maintaining his lead throughout. In this received and the state of the sta this race, incidentally, Sir Henry Birkin, in the Mascrati, broke the lap record for the Mountain course at 75.21



ON THE MOUNTAIN -COURSE.

(Above) J. H. Bartlett (Salmson S), who gained third place in the second Mountain race, leading D. G. Evans (Bugatti) and B. O. Davis (Sunbeam S) round the fork hairpin. (Below) W. E. Humphreys (Amilcar S) skids right round in the path of P. Fotheringham Parker (Alvis) in the first race.



m.p.h. and also the record for a race of

The last Mountain race was equally, if not more, hectic, W. K. Faulkner, in a 2-litre supercharged Bugatti, providing most of the fun. On his second lap, for example, he only just avoided hitting the harriers and on his fourth len he the barriers, and on his fourth lap he crashed right through them, but swung round and, getting back through a gap, continued with unabated ardour; all the time he was gradually working his way up from scratch position and when in second place with only one lap to go he had to retire with big-end trouble. The winning car was a six-cylinder M.G.

The meeting concluded with an Old Crocks' race, which provided all the usual fun, P. Livesey romping home the winner at a heetic 24.99 m.p.h. in a

(For full results see "Club Items.")

LONDON-BARNSTAPLE THE

Yealscombe Fails All but Six Cars in the Mid-Surrey A.C. Week-end Trial

A T 11 p.m. on Friday last, July 31st, A some 20-odd cars, 14 motorcycles and a B.S.A. three-wheeler left Kingston at minute intervals en route for the West Country in the 8th annual London to Barnstaple trial, organized this year by the newly formed Mid-Surrey A.C., which has arisen from the ashes of the Surbiton Motor Club.

The fact that only five car drivers completed the course without loss of marks is some indication of the severity of the course,

The run westward through the night was devoid of interest until the break-fast stop at Taunton, after which the route to the first hill, Grabhurst, was

enlivened by patches of mist. Grabhurst was treated with contempt by the entire entry, although K. D. Evans (Alfa-Romeo) showed a little too much contempt, took the hill too fast, and failed to round a corner.

Doverhay Stops Them.

Doverhay, near Porlock, came next, and here the entry, which arrived dead on time, left about two hours late. The hill was in a bad condition, and car after car failed, thus increasing the delay for those behind.

F. N. Foster and E. J. Erith (Wolseley Hornets) were outstandingly good. K. D. Evans (Alfa-Romeo) retired with a cracked sump and Miss Joan Bowman (M.G. Midget) broke her

From the top of Doverhay to the main Exford Road was a timed colonial section, which proved of sufficient difficulty for the light cars and no one made up much time. By contrast with Doverhay, Lynton and Beggars' Roost which followed—were easy, and after Hookway Hill, which caused little bother, the circuitous route led to Yealscombe, near Exford, which was without any doubt the worst bill in the

On Yealscombe Hill.

At the foot of the hill is a deep ford of the River Exe, after which competi-tors found themselves upon a steen and slimy acclivity leading up with considerable bends between steen banks.

siderable bends between steep banks. The surface was composed of rock conted with a muddy semm.

Only six cars made unassisted ascents, and of these the fastest was M. W. B. May (Aston-Martin), although R. Way (2-litre Rover) ran him close. F. N. Foster (Wolseley Hornet) succeeded where E. J. Erith, in the other Hornet, failed. H. S. Linfield (M.G. Midget S.) came up fast to the first bend and thereafter erent up to the first bend and thereafter erent up —under his own power—and J. R. Temple's was the only other M.G. Midget to make a clean climb. J. S. Drewett (Austin Cup model)—running well up to time—was the first car out the him of the control of th the hill and climbed perfectly steadily

and perfectly clean—an outstandingly good performance.

For the rest wheelspin and the inability to control a car under the bad conditions prevailing accounted for most of the failures.

J. H. Fuller (Brooklands Riley) failed early, and Mrs. M. Vaughan (Riley) stopped her engine when brought to rest by wheelspin, and fitted chains before she could get away again. R. J. W. Appleton (Riley) gracefully retired from the scene, preferring to reverse down the hill rather than delay matters further by being pushed up, foot by foot, and H. C. Hunter (Riley) got up a little higher than Appleton before failing.

Gallant Failures.

G. E. Tuylor (M.G. Midget) made a good attempt, and Miss E. F. May (M.G. Midget) also made a plucky show, with her male passenger standing up and bouncing heartily. D. W. J. Fisher's Singer Junior saloon came well up the early slopes before failing, and made an easy restart—which the ma-jority of the failures could not do!

Kipscombe Hill was the last hill of the course, but compared with Yealscombe it was not difficult, and from there an 11-mile run led to the finish at

Barnstaple.

The following car drivers checked in at the finish, having climbed all hills non-stop:—J. S. Drewett (Austin), H. S. Linfield (M.G. Midget S.), J. R. Temple (M.G. Midget), F. N. Foster (Wolseley Hornet), R. Way (2-litre Rover).

An Irish Handbook.

The A.A. has recently issued the "Irish Handbook for 1931-32," a useful manual for intending tourists in Ireland.

"Roundabout" in St. Albans.

Experiments have recently been carried out with a traffic "round-about" at the dangerous junction of Hatfield Road and St. Peter's Street, St. Albans. The innovation seems needed.

W.A.S.A. Trial.

The trial from London via the Peak to the Lake District, which should have been run on July 24th and 25th, has been postponed until September 18th and 19th by the organizers, the Women's Automobile and Sports Association.

Tails You Lose.

The Bournemouth Undercliff Drive with its rigorously enforced 8 m.p.h. speed limit has recently figured in a

couple of curious motoring summonses brought by the local police.

The first was a "speed" case. After a defence that the Undereliff Drive was a road and that therefore private cars were not now subject to a speed limit thereon, the Bench nevertheless con-victed, holding the Drive to be a "public park" and consequently subject to the provisions of the by-laws.

Next came an "undue care" case

Next came an "undue care" case, and the defending solicitor submitted that since it had been ruled that the Undercliff Drive was a "park" it could not also be a "road." He contended that the summons was ultra vires—the section under which the summons was brought specified a "road."

The Bench, however, were not to be deterred from having it both ways by this logical reasoning. Within the meaning of the Section in question, they said, the Undercliff Drive was a road, and fined the defendant £3!



J. H. Fuller (Brooklands Riley) was one of the many to require THE FATE such assistance on Yealscombe, where a slimy rock surface OF MANY. defeated all but six competitors. B13

5,000 MILES WITH AN AUSTIN T

A large part of the mileage covered by the car has been fairly rough going. This picture shows it on Bwlch-y-Groes, the well-known Welsh test hill.

In our issue of January 23rd, 1931, in announcing the introduction of the Austin Twelve-Six we referred to it as Sir Herbert Austin's latest "masterpiece," and this is an adjective which, after nearly 5,000 miles' experience with one of these cars, we feel in no way disposed to modify. Our original opinion of the car, based upon a very careful examination of the chassis and upon a road test, induced us to add one to our fleet of staff cars, and we took delivery early in May. The car was carefully run-in for 1,000 miles, and was then placed in ordinary service, which has included some distinctly hard work.

Before going on to describe our experiences with the "Twelve-Six," we shall refresh our readers' memories

with details of the specification.

The six-cylinder side-valve engine has a bore of 61.25 mm. and a stroke of 84.63 mm.; capacity 1,496 c.c., Treasury rating 13.95 h.p., tax £14. The cylinder head is, of course, detachable, and a somewhat unusual feature of its design is that those portions coming above the pistons are perfectly flat for about half the diameter of the cylinder bore, a recess being then cast in to provide a clearance for the valves.

Easy Tappet Adjustment.

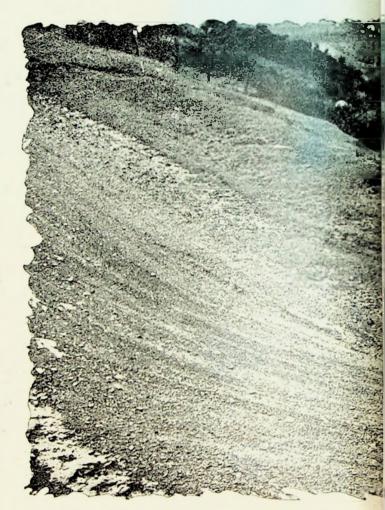
The dynamo is carried in a cradle attached to the cylinder head, the drive being by means of an endless rubber V belt from a pulley on the nose of the crankshaft. Attached to the dynamo pulley is a large fourbladed fan. There is only one timing chain, and this runs direct from the crankshaft to the camshaft, the shaft centres being so close together that no provision for chain adjustment or for a self-tensioning device is necessary. The tappet ends bear direct on the cams, whilst flats formed on the tappets where they pass through the guides prevent their turning. This, incidentally, is a considerable convenience when adjusting the tappets, as only two spanners are required.

Ignition is by coil and distributor, the last named being mounted at an angle on the off side of the engine and driven by skew gearing from the camshaft on the near side. The distributor head is provided with automatic advance and retard mechanism. Skew gearing is used also to drive the oil pump, which supplies lubricant under pressure to all bearings, drawing its supply through a very large drum-shaped filter

detachably mounted in the sump.

The exhaust and inlet manifolding is carried out on distinctly up-to-date lines, the exhaust manifold having large-diameter swept branches and a forward outlet to the pipe. The inlet manifold is of aluminium and arranged to take a vertical carburetter. The manifold is well hot-spotted, and is of the buffer-ended type machined internally to a high polish throughout its length and branches.

Fuel is fed to the carburetter by means of an A.C. petrol pump driven from the camshaft and drawing its supply from an 8-gallon rear tank, the quantity of fuel being shown on the facia-board by means of a Hobson Telegauge. The engine is mounted in the frame in an unusual manner. Instead of the bearer arms "sitting" on the side members they are sus-



pended beneath them, this arrangement allowing for very much easier removal of the engine from the chassis.

The gearbox is bolted direct to the rear of the engine, and is driven through the medium of a single-plate clutch, the plates being pressed together by means of a single, large helical spring carried on a sleeve surrounding the clutch shaft. The gear ratios are 5.5, 9.35 and 20.15 to 1.

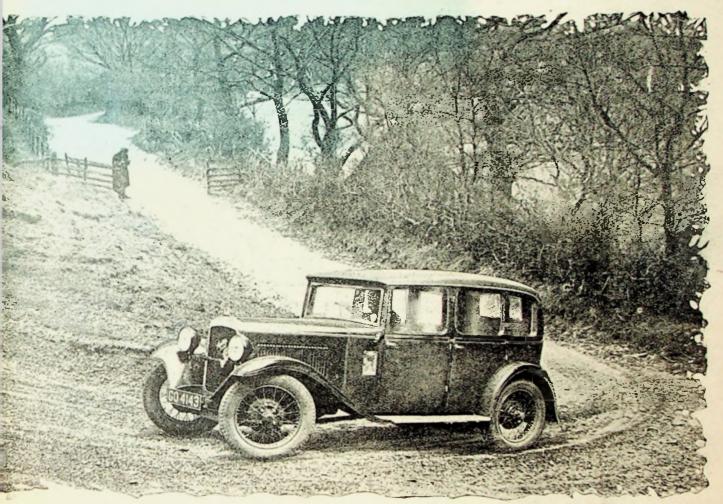
The final drive is by means of a tubular propeller shaft having a Hardy fabric disc joint at the front end and a mechanical joint at the rear. Spiral bevels are used in the rear axle, and, of course, a differential

is provided.

Other points of interest and of considerable importance from a maintenance point of view are the use of Silentbloc bushes for the road-spring shackles, zinc interleaving for the springs themselves and the use of special oilless bushes for the brake cam spindles. The brakes of all four wheels are interconnected so that they can be operated either by the pedal or the centrally placed lever, the pull being transmitted through the medium of rods and cables. Each brake

WELVE-SIX

A Searching Test which Has Shown that the "Twelve-Six" is a Particularly Reliable and Efficient Car with a General Performance in Keeping with Austin Traditions



is individually adjustable, whilst there is, in addition, a master adjuster accessibly situated.

A point of interest in connection with the brake gear is the provision of oil-retaining felt washers on the cross-shaft bushes and on all the yoke end pins and swinging lever pins. Worm and wheel steering is provided, and full provision is made for adjustment. The wheels are of the Rudge-Whitworth wire type fitted with Dunlop 19-in, by 4.75-in, tyres,

The electrical system is of the 12-volt type and of Lucas manufacture, the large headlamps being provided with an electrical dip-and-switch mechanism controlled by a small lever mounted in the centre of the steering wheel, where also is situated the horn button.

Useful Electrical Features.

Two very acceptable features in connection with the starting motor must be mentioned. One is the use of a relay switch mounted directly on the body of the starter and operated by a small press button on the facia-board, thus eliminating the use of long, heavy starter cables right up to the facia-board.

The second point of interest is that the starter armature shaft extends through the rear casing and is provided with a squared end readily accessible from beneath the near-side running board; thus, should the starter pinion jam in engagement, it is the very simplest matter to "wind it out" by attaching a

spanner to the square shaft.

The bodywork of the "Twelve-Six" is of distinctly good quality, and the lines leave nothing to be desired. The upholstery is carried out in a hard-wearing Bedford cord, the two front seats being adjustable, whilst that at the rear has a width which enables three normal-sized persons to be carried in reasonable comfort, although actually this seat is intended to provide ample room for two. Wind-up windows are fitted in all four doors, whilst the windscreen, windows, quarter lights and rear light are of Triplex safety glass. The screen can be opened very wide, and it is fitted with a Lucas electric wiper.

How a car of such undoubtedly high quality can be made to sell to the public at £198 only Sir Herhert Austin and his staff can say. The fact remains that The the car looks well, and certainly goes well.

model with which we are dealing has never yet seen the makers' service station, and at the moment the likelihood of a visit seems extremely remote.

The car is not designed as a high-speed vehicle, but we have found that in favourable circumstances a speed of 60 m.p.h. can be reached, whilst 50 m.p.h. may be regarded as an easy touring speed. The engine is particularly smooth, as befits a "six," although one can notice a slight tremor at about 15 m.p.h. when picking up with a load in top gear. The period is, however, of a transient nature.

Whether or not it is due to the single central spring or to some other point in the design, there is no doubt that the clutch is particularly sweet. So much so that there is no difficulty, when "showing off" the car, in starting from a standstill in top gear without sign of judder. Gear-changing, by means of a long central lever, calls for no special skill, whilst owing to its extreme silence one has no hesitation in remaining in second gear at speeds of up to 30 m.p.h. for quite appreciable distances should road conditions suggest this to be advisable. Incidentally, the "flat-out" second-gear speed is about 42 m.p.h.

Hill-climbing Figures.

With regard to hill-climbing, we have found that the maximum gradient which the car will climb comfortably when loaded, in top gear, is 1 in 12, and inclines of this order can be taken at a speed of 20 m.p.h., whilst lesser hills—of, say, the 13n-19 variety—can easily be climbed at about 40 m.p.h.

The gradient limit for second gear is about 1 in 6,

The gradient limit for second gear is about 1 in 6, whilst during the time that we have driven the car we have found nothing steeper than 1 in 3 on which to test it in bottom; a gradient of this angle can be climbed at about 7 m.p.h.

Top-gear acceleration is, in our opinion, quite satisfactory, as on a normal level road 14 secs. only are required to increase the speed from 10 m.p.h. to 30 m.p.h. Incidentally, the unladen weight of the complete car is 19½ cwt.

For some little time we have been using a Solex carburetter, and with this a fuel consumption of 32 m.p.g. on long runs and 29 m.p.g. in town is obtained with the foregoing performance. Oil consumption works out at about 2,800 m.p.g. Incidentally, the gearbox is lubricated with engine oil, whilst a lubricant no thicker than engine oil is used in the rear axle. Both of these two components are, however, entirely oiltight.

It is, perhaps, unnecessary in connection with an upto-date car to say that the brakes are of ample power, but certainly those on the "Twelve-Six" provide a feeling of considerable security. Furthermore, the road-holding of the car, assisted by means of Hartford shock absorbers both front and rear, is exceptionally good, thus even when braking from high speed on a bumpy road there is no sign of grab or judder.

Turning now to minor modifications which have been made to the particular car with which we are dealing, we have mentioned already that a Solex carburetter is fitted. In addition, a hand control for the ignition distributor has been arranged; it works in conjunction with the automatic control. By this means the range of advance is increased by about 16 degrees, with consequent benefit to the speed of the car.

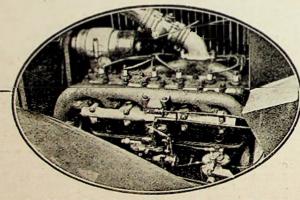
Control Arrangements.

One of the accompanying sketches shows how the control is arranged, whilst another sketch depicts the hand control for the throttle, the fitting of which was necessary when the Solex carburetter was substituted, as the original combined strangler and throttle control on the standard instrument was no longer applicable. Both controls, as will be seen, are of the Bowden wire variety, twin levers being clamped to the steering column just below the wheel.

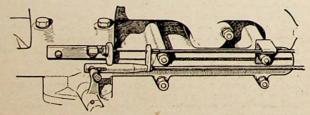
Another addition to the standard equipment is an R.P. thermostat with facia-board thermometer, the thermostat being fitted to ensure rapid warming-up of the engine when a series of short runs is being undertaken.

Those who are accustomed to chain or gear-driven dynamos may be led to imagine that belt drive is not, perhaps, as positive as might be desired. This, however, is by no means the case, as we have adjusted the belt only twice in 5,000 miles, and it now appears to need no further attention.

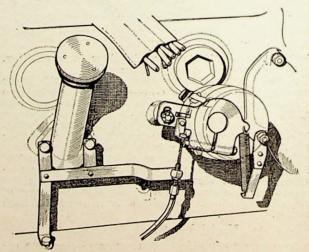
To sum up, it may be said that the "Twelve-Six" is another of those very efficient models which emanate from time to time without any blare of trumpets from the Longbridge Works, and it is just what one is accustomed to expect of all Austin products—a thoroughly satisfactory job.



In this engine photograph can be seen the very accessible dynamo, the A.C. fuel pump, Solex carburetter and R.P. thermostat.



General arrangement of the modified hand throttle control, which has a reversed Bowden action—that is, the casing pushes instead of the cable pulling.



How the ignition control was fitted up. A modified type of clamp is used to anchor the Lucas distributor, which is shown in "ghost" view.



A £6-tax Car.

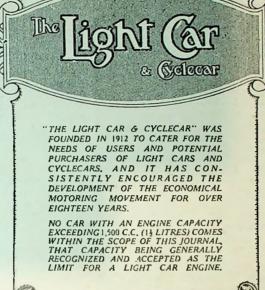
UR contributor Focus" has been asking for some considerable time why there is no car which enjoys the minimum horse-power taxation rate of £6 per annum. This week he asks the question again, pointing out that the sole representative of the £7-tax class is an exceedingly capable performer even with a large fully loaded saloon His arguments, in body. our opinion, cannot be refuted. Here, it seems, is a

market which even in the maelstrom of presentday competition none of our manufacturers seems to have noticed. And that it is a potentially large market is surely impossible to deny. Cars capable of seating only two or "three at a pinch" have sold in very large numbers in the past and there is no reason why they should not sell in even greater numbers to-day. The man who wants a car to drive out his friend, his fiancée or his bride --not to mention the man whose motoring is nearly all on business—has no four-wheeler being specially made for him at present. The two-seaters offered to him are on chassis designed essentially for carrying bodies of a fair size, and the same applies in connection with coupés and occasional fourseaters. Who will come forward and offer to the motoring public Size 0 in motorcars? Size 1 has been with us for years and will seat and carry four grown-up people in comfort. The introduction of a smaller size might well prove as huge a commercial success as the vehicle we now know as the baby car.

The Road to Ruin.

WITING to The Motor on the subject of whether baby cars should be used for drawing trailers, Sir Herbert Austin says:-"I suggest that already the baby car is being overloaded and that if this continual overloading takes place it will necessarily lead to the car becoming heavier and more expensive and the class of buyer for whom it was made will find that his interests in the direction of the small, cheap car are being neglected. Past history has shown that small cars have been made larger in order to increase the range of buyer, but the result of this increase in size has undoubtedly been a mistake."

Sir Herbert might well have gone on, in our opinion, to say that not only has the widely followed



opics of the

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practice of "growing up" small cars been a mistake, but has led to the bankruptcy of almost all who have pursued it. It requires no great effort of memory to call to mind a host of light car manufacturers whose businesses have gone ignominiously to pieces because, in striving to please all, they have succeeded only in pleasing none; in trying to make

their little cars more ambi-

tious they have lost the

market they enjoyed and failed to find the market which appeared to await Even as recently as during this present season two makes of light car which, in the past, have enjoyed great popularity have gone to the They reached the summit of wall for this reason. their popularity as really light cars—light in weight and light on their owners' pockets. They faded out because they were so heavy and bulky that their performance was not up to scratch.

Preserve the Countryside.

WE owe much as motorists to the march of progress, and would not hinder it; but it must be remembered that an advancing army, even though it be destined to succour us, may inflict a great deal of hardship in its passing. Thus new roads, the development of new estates and the inexorable laws which now govern safety-first measures are threatening to alter the whole character of the countryside. It is the march of progress in a ruthless form, and even the efforts of societies which exist for no other purpose often fail to turn the marchers from their course. We hope, nevertheless, that the old exhortation, "Woodman, spare that tree," will be borne in mind and interpreted freely, as it ought to be, when farreaching schemes of improvement are on foot. The beauty of the countryside has claims on every one of us, and those who find themselves in the position of arbiters of the fate of some fair landscape may not lightly sweep them aside.

It is untrue to say that motorists care nothing for the countryside and think only of the conveniences they can obtain, no matter what the cost. Good roads, for example, are of paramount importance, but when their construction threatens the work which Nature has been carrying on for generations we all feel we must cry "Stay!"





A sunny green, bordered by flowered cottages, and backed by woods, describes the lovely village of Selworthy (left and right), near Porlock, in Somerset. Allerford (above), near Minehead and at the foot of Bossington Beacon, is noted for its two-arched mediæval pack-horse bridge.

RICH MIXTURE

Light Car Comment and Advice

by Focus.

The £6-tax Car.

WHO is going to be the first manufacturer to offer us a car with a £6 tax? When taxation by horse-power was introduced in 1920 a minimum rate of £6 was fixed, but so far nobody has gone out after the custom of the man who wants a four-wheeler but will not pay more than £6 a year in direct taxation for it.

The car which comes nearest to his requirements is the Jowett, which is the only British car with a £7 tax, the next lowest taxed models being the Austin Seven, the Triumph Seven, the Morris Minor and the Singer Junior, on all of which an £8 tax has to be paid.

What John Citizen Thinks.

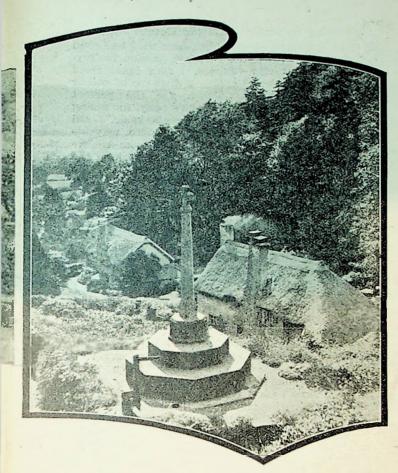
In view of the remarkable capabilities of the Jowett—everyone knows that it will pull a fully loaded capacious four-door saloon at very respectable speeds and up most of our stiffest hills—it is a matter of amazement to me that none of our manufacturers has had a gamble on a £6-tax baby

car. With an engine as efficient as that of the Jowett and proportions akin to those of the Austin Seven, I can see no reason why it should not be up to the average for performance, and nobody who knows anything about the trade would deny that it would stand every chance of being a best seller.

In the minds of the public nowadays the tax of a car looms as large as ever. John Citizen will make a big sacrifice in comfort, appearance and even in durability to save himself a pound or two a year on the h.p. tax. I believe he will even pay £20 or £30 more for his second-hand car in order to save a couple or three pounds a year on the tax, although obviously he would have to run it for 10 years to recover the extra outlay.

Good Performance Essential.

HOW is it, I wonder, that none of the motor-cycle manufacturers has awakened to this £6-tax market which is "sitting pretty"? Many of them find that with so much unemployment there is very little business about, and have been



casting around them for fresh outlets for their activities. If they were to offer us small-car enthusiasts a £6-tax four-wheeler I think they would find that their enterprise would be richly rewarded.

Should there be a motorcycle maker who agrees with me and decides to proceed, I hope he will bear in mind that, contrary to a belief held in the motorcycle trade, light-car owners are not content with an inferior performance. I do not think that a £6-tax light car, however attractive it might otherwise be, would stand much chance of success unless its performance was as good as that of any other baby car. Sir Herbert Austin has been showing us for nearly 10 years that light-car owners are just as particular in the matter of performance as are all other car owners.

Can't Read, Can Drive.

RE you aware that a man may drive although A kee you aware that a man may he cannot read? What a splendid story this would make for some of our scaremongers. The Road Traffic Act requires an applicant for a driving licence to declare that he does not suffer from epilepsy or sudden attacks of disabling giddiness and that he is able to read a motorcar number plate; it also requires him to be able to sign his name. I have searched through it carefully, however, and I cannot find any requirement in the matter of being able to read. There may thus be drivers on the road to whom "stopcaution-go," "no right turn" and all the other familiar traffic signs of to-day are meaningless, yet the law has no right to hound them off the roads.

I am ready to make a free present of this splendid "story" to all the countless writers who think that road traffic Acts are good things and who are stupid enough to believe that if we make enough laws and rules and regulations we shall transform our country into a modern Utopia.

A. Schrader's Son Writes

WEEK or two ago I flung one of my periodic grouses concerning the time and trouble which one has to give up to keep tyres inflated to their proper pressures. I mentioned 20 minutes as the time it takes me to trim all five and, oddly enough, nobody has written either to say that three minutes is their regular allowance or that an hour and a half would be nearer the mark.

One letter of quite exceptional interest has made its way to me. It comes from A. Schrader's Son, or, rather, his London manager, Mr. F. H. Gerrans. Mr. Gerrans, having a heart, does not open with "My attention has been called to," but thaws me from the outset by beginning "I notice with considerable interest . . ." He goes on to say that he knows all about our difficulties and that he has up his sleeve a very useful solution to them.

A Time-saving Value Cap.

A CCOMPANYING this letter to which I have just referred was a little box containing the "doings." This takes the form of an entirely new valve cap which serves both as the outer cap and the inner cap and is devised in such a manner that the tyre is inflated without unscrewing anything at all!

The new patent cap, which, incidentally, is not yet available to the public, has a springloaded dust excluder and contains a non-return valve which is airtight up to a pressure of 250 lb. It is schemed to allow the pressure to be tested without removing it and impresses me as being the most useful tyre valve device since the Schrader valve made its bow. The sooner Mr. Gerrans makes this new valve cap available to light car owners the better pleased we shall be. God speed his efforts.

Splash Oiling's Only Virtue.

MR. MANTELL has been expressing recently his preference for splash lubrication, his principal point being that it ensures that the pistons and cylinder walls are thoroughly lubricated from the moment of starting a cold engine. This to my mind is the prime and only virtue of the splash system.

Pressure feed scores over splash in every other way except that it is harder on the owner who is too lazy or careless to drain his sump and clean his filters at regular intervals. Such folk, I think, should pay the penalty of their waywardness. I do not agree that we ought all to suffer in order that their weaknesses should be pandered to.

A Composite Lubrication System.

WHAT would be wrong with a lubrication system which combined the advantages of both the splash and force-feed methods, yet which eliminated both their shortcomings? I have in

mind a system which provided for the oil to be forced through a hollow crankshaft in the conventional manner, but which had a relief valve so arranged that instead of by-passing surplus oil back to the crankcase it fed it to troughs beneath the big ends.

With an arrangement like this, oil which, because it was cold, could not get out of the big-ends and thence to the pistons would make its way to the big-end troughs via the relief valve. When it thinned as the engine warmed up, the big-ends would restrict the flow past them to a less degree, and the quantity getting by the relief valve (and thence to the troughs) would be reduced, which would precisely meet the engine's requirements. I am not sure whether this idea is entirely novel, but it is certainly one which has not been applied to light cars. What are the snags?

Where Passengers Score.

OUR passengers have the best of it in the matter of seeing the countryside. There is no doubt about that. We were using a road with which my passenger was thoroughly familiar; he has driven himself along it for more than 15 years, and as we approached a rather sharp bend with lodge gates near by he gave an exclamation of surprise and commented on a fine old ancestral hall standing a few hundred yards back from the road. His surprise, it transpired, was due to the fact that he had never seen the building before! He knew its name and that it was somewhere thereabouts; knew even that the lodge belonged to it, but had imagined that it was hidden amongst the trees.

The twisty nature of the road at this point, presumably, had always occupied his attention, and it was not until he rode as a passenger that he "registered" details of it.

Getting Intimate with the Countryside.

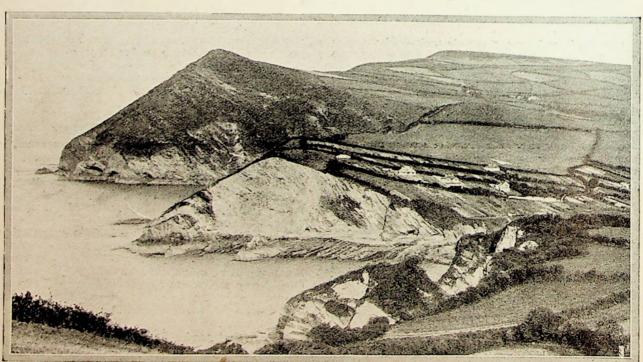
COME time ago, to win a bet, because I had been "dared" and because I have a passion for trying my hand at odd vehicles, I rode home from London on a tandem bicycle—a distance of rather more than 30 miles. These are the perfect vehicles, if one excludes Shanks's pony, for seeing and getting intimate with the countryside. On that trip I spotted a dozen or more wayside curiosities which I had never noticed from a car.

Another interesting experience was making the same journey in a motor coach. On this occasion again I added considerably to my store of knowledge of the road, seeing over walls and hedges which cut off one's view from the seat of a car and picking out in the distance landmarks that are hidden on my daily journeyings. Undoubtedly the man who drives his own car knows more of the surface and corners of a familiar road than of the countryside which flanks it.

Olympia in Hyde Park.

A LONGSIDE me in a traffic jam in Hyde Park 1 at about four o'clock on a glorious afternoon was a giant Daimler saloon, the royal arms on a slip pasted on its screen and a top-hatted foreigner, obviously of some distinction, sitting, very interested in his surroundings, behind a pink-faced, prosperous-looking chauffeur.

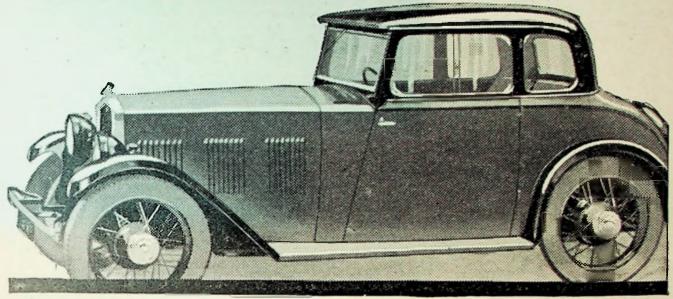
I wondered what this representative of a foreign power thought of us. Within his immediate range of vision were motorcars which could not be bought for £100,000, whilst the Park at the time must have held £1,000,000 worth. Surely England looks nowhere more prosperous than in Hyde Park just before tea time on a fine summer's day. The coachwork section at Olympia would be drab beside the magnificent cars one sees there.



ISN'T THIS
PERFECT?

A picture to bring tears of envy to the eyes of readers in foreign parts—the coast between Lynton and Ilfracombe, North Devon. Lester Point and Hangman Cliffs are shown, the highest land being 1,100 feet above the sea.

Another New Hornet



The two-seater coupé—a fascinating addition to the famous Wolseley "HORNET" range . . .

This smart attractive Coupé, the latest of the "Hornets," has jumped into instant popularity. Graceful in line and finely proportioned, it appeals strongly to the discerning motorist as an ideal double-purpose car. Its stylish modernity fits it admirably for use in town: whilst the sunshine roof and capacious luggage boot make it equally suitable for long-distance touring.

It is easy of access on either side, has plenty of head-room, and the leather-trimmed bucket seats are adjustable. Lockheed Hydraulic brakes, Triplex glass, 12-volt lighting and starting and automatic radiator shutters are all included in its very full specification.

The HORNET

Six-cylinder

TWO SEATER COUPÉ

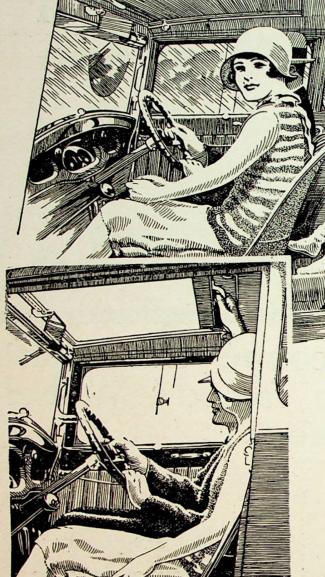
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THE WOLSELEY

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A twist of the fingers and the roof slides along smoothly to the required opening, without the driver stopping or diverting his gaze from the road ahead.

Triumph Super Seven Saloons, with sliding roof, from £164 10s. Scorpion 6-cyl. Saloon with sliding roof, £237 10s., other Triumph models from £159 10s. Post the coupon to-day for full details. Lucas electrical equipment and Dunlop tyres standard.

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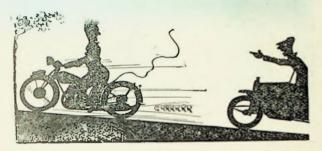


"TOWING" THE LINE



Humorous Sidelights on a Tricky and Nerve-racking Job with Which We Are Nearly all Faced at One Time or Another

OWING can hardly be said to be a humorous subject. Usually it means that the thing towed is for some reason or other out of commission, and yet, in retrospect, happenings experienced while towing can be mildly funny. Like everything else, it is what you make it.



It was chatting with a former partner in crime that decided me to put on paper the outcome of our reminiscences.

Perhaps one of the funniest of our experiences was when we went to purchase my first car. It was of the very paleolithic type, and as that needs no more description.

The Little Gregg, for such was its name, resided at Swindon, while I was miles away in London. After voluminous correspondence we came to an arrangement whereby I was to swop an aged Enfield motorcycle in part payment for the Gregg. Without further ado we set out for Swindon. Partner in crime on a 3½ Rudge at the forward end of a tow rope, I at the other end on the Enfield; incomplete and ancient, I had used the best part of half a gross of hack-saw blades in altering its frame. It had no saddle, sit-up-and-beg handlebars, and a brake which would have shamed a fairy cycle. Nothing untoward happened, which was the more re-



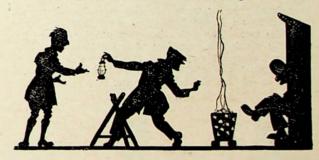
markable considering that my partner went as fast as he knew how.

Arriving at Swindon some two hours before lightingup time, we spent the remaining daylight in getting a reluctant Gregg from its resting place. A short examination showed that it could not arrive in London under its own power. Having shoved it into the road, stopped three tramcars and as many other vehicles, we hitched up the Rudge and prepared to start.

I don't know what the Gregg weighed, I only know that it was a devilish thing to manhandle, having an all cast-iron engine and gearbox, and heavy body, and no diff. I was, therefore, doubtful of the capabilities of the Rudge, but partner said it would tow a steam engine up Urrys' Pet, and I knew that if anyone could beat horses out of an engine it was he.

I took my seat at the wheel, partner revved up, let in the clutch and proceeded to hop all over the road like an agonized worm impaled on a fish hook. His engine revved surprisingly well, and half Swindon came out to see what manner of maniac was playing a tattoo upon a gatling gun. Suddenly the rope broke; with enviable acceleration partner shot up the road, only to come back several minutes later and hitch up again. Once more the noise of his engine drowned the remarks of a particularly eloquent tram driver.

By this time the Gregg was covered with half the infant population of Swindon, and must have resembled a sugared almond in a wasps' nest. Finally I per-



suaded most of the brats to push the right way and we got going. Then, and not until then, did I remember the hand brake. Delighted at the discovery, I released it.

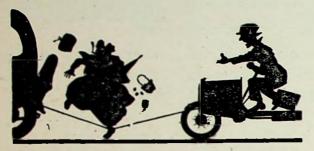
For the second time the Rudge shot up Swindon High Street, but this time followed by the Gregg, shedding children like rats from a sinking ship. We reached 20 m.p.h. with only a brace of urchins aboard, too frightened to let go. I would have taken those two children to London rather than stop, but as it was a sharp gradient slowed us up sufficiently to enable them to abandon ship.

Developed 200 b.h.p.!

There is a long drag out of Swindon. Up this we thundered. The Rudge, rolling and recling about the road like a rogue elephant anchored by the tail, gradually ground its way upwards. We reached the top in due course, but not before I had clambered out and shoved. I must have developed some 200 b.h.p., judging by the heat and energy I gave off. Having got to the top, it took some ten miles before I was my normal self again.



By this time night had drawn its cover of darkness about us, and we cast around for some means of lighting. Stopping at a wayside garage, we managed to purchase two ancient Ford oil lamps for the car, while the motorcycle had to be content with one of those



little cycle dynamos which drive off the front tyre. Our next trouble was a rear light. No garage had one. A rough patch of road, a steam roller and a sleeping night watchman gave us the opportunity to acquire one. Being honest by nature, this part of the narrative is apt to pain me; however, I maintained that it was the watchman's fault for sleeping so soundly. At any rate there was one less red lamp for him to fill the next night.

Having thus acquired our lighting set, we were fortunate enough to reach home with nothing more annoying than a few stops for petrol.

Next in my mind comes a story in which I took no part, but for which my partner vouches the truth. He was the chief actor in it.

The Hammersmith Broadway Incident.

The scene opens in Hammersmith Broadway, London. Partner is perched upon a sugar box, which in turn is precariously resting on the chassis of an Austin Seven. In front is an Essex Six. The inevitable tow rope joins the two. The pair thus temporarily united impatiently await the dropping of the pointman's hand. A fussy dame, all eyes upon the tram she hopes to catch, steps between the Essex and the Austin; unheedful of all else, she trips over the tow rope!



Partner, ever chivalrous, dismounts from his sugar box, and hastily proceeds to pick the old lady up, conduct her to the pavement, and do his best to sooth her dignity. The pointman's hand has now dropped and beckons on the Essex, whose driver, however, nobly awaits his pal. The policeman becoming impatient in his turn, proceeds towards the two cars to investigate the delay, whereupon the Essex driver, fearful of intimate contact with the Law, lets in his clutch. Partner, having soothed the lady to the best of his abilities, turns only to see the tail end of his chassis fast disappearing in the melée of traffic. Undaunted, he runs for and, what is more, catches it.

What that "cop" must have thought at seeing an Essex preceding a driverless Austin chassis, which in B24

its turn preceded a wild man running for dear life I don't know, but I should like to hear.

This tripping up over our tow ropes seems fatally attractive, and in spite of heroic efforts on the horn we have, in our time, upset more than one person. One particular instance is worthy of remark. While emerging from the runout of a mews, partner, who was doing the towing, stopped to let some traffic pass. His car was in the road, whilst my brother and I, in the towed car, were still in the mews. The rope lay across the payement.

"He Wouldn't Believe Me."

As it was dusk, we were particularly anxious to warn pedestrians about the rope, and having sighted someone a little way off, proceeded to draw his attention politely to the trap; however, he would have none of our warnings, apparently thinking that we wished to precede him in crossing the pavement. Holding up his hand with the magnificent gesture of one who com-

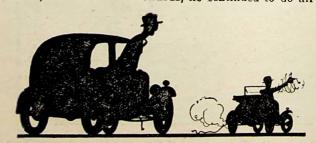


manded us to remain immobile, he proceeded to cross, between us and promptly tripped over the rope in a most whole-hearted and vigorous manner.

I have never seen a stranger more angry, or one who let his feelings forth with such admirable lack of repetition. He looked quite respectable, too; but there, I suppose humour is all a matter of opinion and depends largely from what angle one looks at it. From our viewpoint it was very, very funny.

Just one more. I happened one day to break down about 20 miles from home. A friend offered me a tow, which I thankfully accepted. My Good Samaritan proved a cautious driver. He never missed an opportunity to signal his intentions to the world in general and me in particular. His right arm must have been in a highly developed state considering the hand-wagging exercise in which he indulged. The author of the Highway Code would have loved him dearly.

Everything went very well until the tow rope broke, and then to my utter astonishment and chagrin I had the pleasure of seeing my friend disappearing into the distance solemnly hand wagging at every opportunity, which, as I learned afterwards, he continued to do all



the way home to no better audience than the trailing tow rope, than which nothing surely could have been more mute ar unappreciative.

Don't ask why he did not feel the loss of his burden because I don't know, but the story is quite true for all that.

T.B.Y.

Six days from a

Morris Minor Owner's diary...

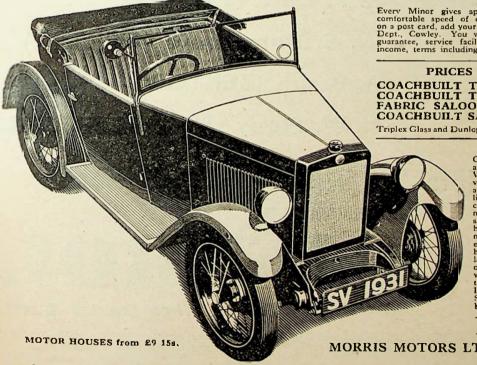
"On the 24th February last I purchased an S.V. Morris Minor 2-seater, and since that date the car has covered 6300 miles. This figure is made up of general daily mileage in and around London and of six long-distance runs, and particulars of the latter may interest you.

- 18 APRIL Left Croydon 11.30 a.m. Arrived Boroughbridge, Yorks, 9 p.m., via Welwyn, Grantham and Doncaster, N.E., by gale, rain. Distance 242 miles. Stops 1 hr. 25 min
- 19 APRIL Left Boroughbridge 10.45 a.m. Arrived Glasgow 6.15 p.m., via Scotch Corner, Appleby, Penrith, Carlisle and Beattock. Distance 205 miles. Stops 1 hr. Severe northerly gale.
- 28 APRIL Left Glasgow 5 p.m. Arrived Newcastle-on-Tyne 11.30 p.m., via Biggar, Peebles, Melrose, Jedburgh and Otterburn. Distance 160 miles. Stops 50 min.
- 1 MAY Left Newcastle 7.15 a.m. Arrived Croydon 5.45 p.m., via Darlington, Scotch Corner and G.N. road. Distance 317 miles. Stops 1 hr. Time 10½ hr. Average 30.19 m.p.h. Petrol 54 m.p.g. Running time 9½ hr. Average 33.47 m.p.h. Oil ¾ pint.
- 17 MAY Left Eden Bridge (Kent) 12.20 p.m. Arrived Liverpool 11.30 p.m., via Kew Bridge, Uxbridge, Aylesbury, Banbury, Coleshill, Coventry, Newcastle-under-Lyme, Knutsford and Warrington. Heavy rain. Distance 263 miles. Stops 2½ hr.

© 20 MAY Left Liverpool 10.15 a.m. Arrived Croydon 6.10 p.m., via above route minus 7 miles. Distance 238 miles. Stops 40 min. . .

This Morris owner's experience is typical of the sort of dependability and the "gameness" you can always expect from the Minor whatever A is called upon to do.

(Original can be seen on request)



Every Minor gives approximately 45 m.p.g., and has a comfortable speed of over 50 m.p.h. Write "MINOR" on a post card, add your name and address and post to Enquiries Dept., Cowley. You will receive catalogue, full details of guarantee, service facilities, and how to purchase out of income, terms including tax and insurance.

PRICES (Side-valve engine)

COACHBUILT TWO-SEATER - - £100 COACHBUILT TOURER - - £112 10s. FABRIC SALOON - - - - £114 COACHBUILT SALOON (folding head) £119

Triplex Glass and Dunlop Tyres standard. All prices ex Works.

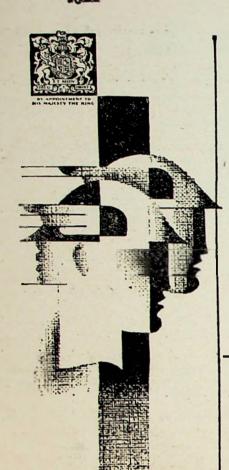
Chassis of full length, upswept front and rear view. Track 3 ft. 6 in. Wheelbase 6 ft. 6 in. 8 h.p. side-valve engine, capacity 847 c.c., 3 speeds and reverse, four-wheel brakes, Lucas lighting, starting and coil ignition set, combined head- and sidelamps, automatic windscreen wiper (hood and sidescreens with signalling panel, and hood cover, on two-seater), speedometer, oil gauge, Lucas Sparton electric horn, driving mirror, licence holder, coil indicator light, instrument lamp, friction type shock absorbers on all four wheels, five detachable wire wheels, spare wheel carrier, tyre pump, jack, chassis pressure lubricating pump, two-level petrol tap, S.U. carhuretter and complete tool k t, etc.

O.H.V. models from £125

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MORRIS MINOR

Service Advertising MM/T4



BROOKLANDS AUGUST BANK HOLIDAY MEETING

5 RACES WON ON CASTROL

The winners were:

R. F. Oats (O.M.) 2 firsts

W. E. Humphreys (AMILCAR)

A. Bevan (BENTLEY)

H. W. Purdy (THOMAS-SPECIAL)

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INCREASING THE BRAKING POWER

ONE of the new features of the 1932 9hp Standards, as we announced last week, is the use of Bendix duoservo brakes. This braking system is not new, but hitherto its application to light cars has been by no means common. For this reason few light car owners are familiar with the principle.

In the case of vacuum servo brakes the "suction" of the engine is used to supplement the force which a driver can apply with his foot or hand. In the hydraulic system Pascal's law is applied in a manner which provides a consider-

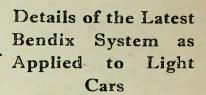
able "mechanical advantage."
Similarly, with a mechanical servo motor depression of the brake pedal can be made to tighten a band on a slowly revolving drum. The tendency of the band is then to revolve with the drum; therefore, by coupling the band to the main brake controls, a force far greater than that which the driver could apply

obtained with a pedal pressure of about 100 lb., and a pressure of double this amount can be exceeded by most drivers. Nevertheless, if a much lighter pressure can be made to provide an equal or even more powerful braking effort it is a step in the right direction. The Bendix duo-servo system has the

advantage of great simplicity. shoes which are used in each drum are of normal type so far as their friction faces are concerned, but they are actuated in a special manner.

Each shoe is separately pivoted on the back plate, and at the other end, instead of a flat face against which the cam bears, there is a curved and slotted eye in which fits a trunnion block. The two shoes are connected by means of link gear to a balanced cam-shaped member, so designed that it does not change its angularity during the life of the break limit. the brake linings.

> (Left) The balanced cam arrangement shown in part-sec-tion. Inset, the cam lever layout.



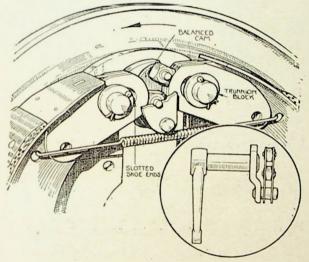
have been termed primary and secondary. It must be explained that the Bendix duo-servo system works equally well in either a forward or reverse direction. Thus, in forward rotation of the drum the leading shoe becomes the primary, or actuating, shoe, whilst the rear one assumes the position of secondary. When the car is driven backwards the functions of the shoes are reversed.

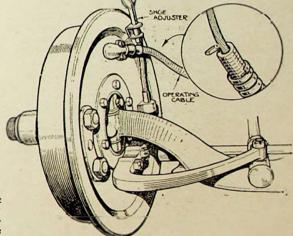
It might be thought at first sight that the wrapping action of the shoes would produce snatch or harshness, but this is by no means the case. The very nature of the servo action ensures smooth, progressive braking, the rate of retardation depending entirely upon the driver.

Cable Operation.

A special method of cable operation is adopted with the duo-servo brakes. Levers and rods are used in the initial stages of the system, but final connec-tion with the brake cams is established by means of a special form of flexible cable working rather on the Bowden principle.

As the main braking effort is gener-





unnided is available at the brake shoes. The systems just mentioned require the addition of a certain amount of apparatus to the normal equipment of a car. In the Bendix duo-servo system. however, the brake shoes themselves are arranged to produce the servo action.

Progressive Braking.

In a normal braking system the two shoes share a common pivot and they are expanded against the drum by means of a double-faced cam; thus, other things being equal, each shoe is pressed with the same force into contact with the drum.

Provided that there is no wear in the pivot anchorage or in the cam mechanism, and that the friction material is in good order, the brakes will retard the ear smoothly and progressively, but the rate of retardation depends upon the force which the driver can exert

upon the pedal or lever.

Careful calculation of the leverage or
"mechanical advantage" of the system enables powerful braking to be

(Right) A Bendix front wheel brake assembly showing (inset) the construction of the cable casing.

The two shoes are connected at their pivot ends by articulating pins in a manner which allows them to conform exactly with the surface of the drum. Provision is made for initial centralizing of the shoes by an eccentric adjust-

Turning now to the working of the brake it must first be made clear that the servo action is obtained by the actual momentum of the car.

So soon as the shoes touch the drum they tend, of course, to rotate with it, but are prevented by the articulated link auchorage. There is, however, a slight movement and through it the primary shoe imparts additional power to the secondary, thus forcing the entire shoe assembly into still tighter contact with the drum.

In the foregoing paragraph the shoes

ated in the shoes themselves there is no particular load on the cables; therefore, they can be reasonably light whilst

still having an ample factor of safety.

The use of flexible cables considerably simplifies the layout of front-wheel brakes in that no restriction is placed upon the steering lock. Furthermore, movement of the wheels in steering has no effect upon the brakes; they are applied equally whether the car be going straight ahead or round a corner.

Simple means are provided for adjusting each brake separately, or they can all be set by a master adjuster; in fact, the Bendix duo-servo system, in its general layout, is so very similar to the normal direct-application principle, with which all drivers are familiar that with which all drivers are familiar, that no difficulty should be found in its maintenance.

B27



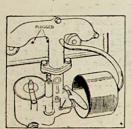
IDEAS

THE choice of a sparking plug or 5s, is offered for every reader's hint published in this 'cature. No hint should exceed 200 words in length; if necessary a rough sketch should accompany it and the sender must indicate whether, in the event of publication. he prefers 5s. or a sparking plug.



Austin Seven Breather.

COMETIMES when driving an Austin Seven saloon Dwith the windows closed the presence of oil fumes within the body can be noticed. The fumes are ejected, of course, from the holes in the valve cover, these acting



as a crankcase breather. simple device for dispelling the fumes is shown in the sketch. All of the holes save one are plugged and this is enlarged to take a 1-in, copper pipe which can be secured by flanging and soldering or by means of a screwed union. To the other end of the pipe is soldered a cylindrical scoop rather larger than the carburetter intake

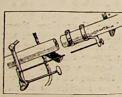
mouth. The pipe is bent to bring the scoop concentric with, but just clear of, the intake mouth. In use it will be found that fumes ejected into the scoop are drawn in through the carburetter and thus no longer enter the car body. It is possible that the warm oily vapour will have a beneficial effect upon the running of the engine.

An Oil Drum Hint.

OIL taps of the type which are transferred from one drum to another sometimes tend to leak at the joint with the drum owing to the thick rubber washer having perished. Three or four washers cut from an old inner tube make an excellent substitute.

M.G. Midget Throttle Control.

LTHOUGH a hand throttle control is now stan-A LTHOUGH a nand throttle control is not stated to early models. Owners of these cars, however, can make a very efficient control at small expense. The arrange-

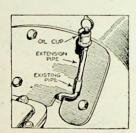


ment is shown in the accompanying sketch, in which it will be seen that the lower end of a screwed rod bears upon a lever secured to the accelerator pedal shaft. The rod should be of mild steel, about in, diameter and screwed for 3 ins. at its upper end.

bracket tapped to suit the rod is bolted to the steering column. The bottom lever is secured alongside the pedal by means of the nut on the existing cotter pin; it must be bent to the required shape by trial and error methods. A hole, in which the rod is a working fit—with just a little play—is drilled through the floorhead in a position which allows the through the floorboard in a position which allows the rod to line up with the bracket hole and the pedal lever. When finally assembled, a wireless-type ebonite control knob is fitted to the upper end of the rod. It will be clear that by screwing down the rod the throttle is opened, but further pedal movement is unrestricted.

Standard Clutch Lubrication.

UBRICATION of the clutch thrust race on the Standard Nine is provided for by means of a copper tube passing through the clutch cover plate. The end of the tube is fitted with a spring-loaded ball valve and



it is sometimes difficult to feed the oil past the ball. It will be found worth while, therefore, to remove the tube-it is a push fit in its housing-and to substitute for the ball valve a Rotherham spring-lid lubri-The length of the cator. tubing can be increased if desired, and a little bending will bring the lubricator into a position where it can be

reached by raising the honnet, thus obviating the need for removing the front floorboards.

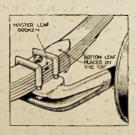
Annealing Steel.

WHEN softening a piece of hard steel to make it suitable for filing, it is useless to hurry the pro-The steel should be placed in a fire and heated to a bright red; it must then be cooled very slowly. A good plan is to bury the red-hot steel in fine ashes until it is cold. The metal will then be about as soft as it is possible to make it.

The method of rehardening must depend upon the nature of the steel. The cast variety is heated to a cherry red, quenched in water and afterwards tempered. Case-hardened steel must be recased if the Case-hardened steel must be recased if the original hard skin has been cut away.

Repairing Broken Road Springs.

WHEN, owing to some extra heavy road shock, a spring breaks it is seldom that all the leaves give out; usually it is only the top or master leaf, and the fracture occurs, in nine cases out of ten, at the centre



where the clamping bolt is situated. If the car can be driven to a garage or to a blacksmith a new leaf can generally be obtained, but, failing this, a satisfactory "jury rig" consists of removing the lowest leaf of the spring and refitting it above the top one, as shown in the sketch. With the clamping bolt well tightened the short leaf will effectively hold the

fractured one in place so that it is capable of taking its usual share of the weight of the car. It is advisable, however, not to drive fast on bad roads with this temporary arrangement, but it will easily "get you home" if used reasonably.

THE IDEAL SPORTS

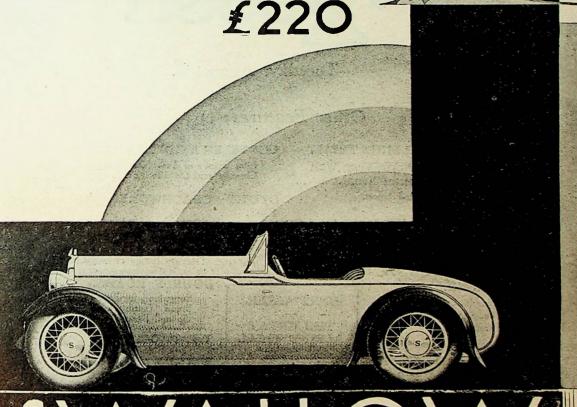
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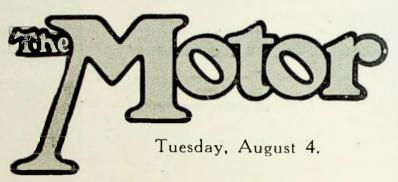
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TECHNICAL ASPECTS

THE ORIGIN "GULP" FLAT SPOTS

By L. MANTELL

Physical Laws Which Cannot be Broken-Characteristics of the Fuel Layer in the Induction Pipe—Difficulties in Tuning Out the "Gulp"

I AST week I described at some AST week I described at some transient and irritating flat spot known as the "gulp." If the description was complete almost to the "long-winded" point it is because I generally find it very difficult to explain without practical demonstration the nature of this flat spot. Furthermore, as it is the most troublesome of all to locate and cure and is, incidentally, rather on the increase owing to the present trend of design, I wished to make the distinction as clear as possible before going on to analyse its origin, which I will now endeavour to do.

First of all let me explain that the inner walls of the induction pipe or tract are generally coated with a thin layer of fuel, which has very peculiar characteristics.

It is not content to be merely a layer but it insists upon having a definite thickness which, unfortunately, is not a thickness which, unfortunately, is not a fixed quantity but varies according to the minus pressure or suction intensity, and also upon the temperature. When the heat is low and the suction value at its minimum the "critical" of thickness is at its greatest, and vice versa, but this is not all, for, when under its "critical" for that particular heat and suction figure—I am using popularly comprehensible terms for charity—it tends to draw suspended fuel particles from the moving air stream: particles from the moving air stream; on the other hand, if over the "critical" it gives off fuel vapour and enriches the passing charge.

In short, this touchy skin is a great nuisance. It exists under physical laws which make its complete removal impossible and in the mechanical sense we can do as a mitigating measure is to reduce its area as much as possible, not by undue decrease of the pipe diameter, for this is volumetrically in-admissible, but by having the inner wall as smooth as possible, which is the equivalent of a reduction in area. This is one of the reasons why a smoothedout induction system is better for smooth and even acceleration than a rough east one.

Herein also an explanation will be seen for the increasing capacity to get a clean "snap" as the engine gets hotter, for the higher the temperature the lower is the skin "critical" and the less does it rob the current of fuel on suddenly opening the throttle at low speeds. Yet again, one can see an im-mediate reason for flatness at snapping in many cases, even when the engine is warm enough—a flatness that is generally cured by a smaller choke.

It is true that by choke reduction a greater quantity of fuel is inspired, but the main reason is that when idling along with an almost closed throttle the suction is, of course, high and the skin "critical," therefore, very low. On suddenly opening it the vacuum almost disappears, the "critical" instantly becomes high and the skin promptly belongs high and the skin promptly solar. comes high and the skin promptly robs the current of ary suspended particles it can reach in an effort to become thicker.

If the pipe is very strongly heated the "critical" thickness may become almost, if not entirely, nil, but such a high temperature is not permissible

nigh temperature is not permissible owing to the accompanying power loss that would result.

Keeping these facts in mind we will now consider the carburetter. All static instruments, that is to say, those in which the spray metering and corrective arrangements are in the nature of Seed. which the spray metering and corrective arrangements are in the nature of fixed orifices and free from any vacuum-operated moving parts—are, in effect, if not actually, of the bi-jet order. One jet, usually called the pilot or slow-running jet, delivers at the edge of the throttle, whilst the other is a spraying unit, composed of one or two jets, the outlet of which is situated in the centre of the choke tube.

The main spraying assembly in modern carburetters is always fed either completely or partially by a submerged jet placed at a level approximating the bottom of the float chamber, and in con-nection with this there is always a reserve of petrol called the acceleration

This fills generally through a re-stricted orifice and its upper surface is open to the atmosphere through a relief open to the atmosphere through a refler hole, or holes, at the top, or so placed that air at atmospheric pressure can always reach the upper surface of the well reserve. On suddenly snapping open the throttle the whole of this well content is ejected with the main output, but on gradually opening a rather com-

plicated procedure takes place.

As the air current in the choke tube gains in velocity and volume the level in the well drops progressively but that

in the jet tube and the channelling leadin the jet tube and the channelling lead-ing thereto remains quite full of petrol, while any liquid is left in the well. Immediately this is empty and the relief air from above breaks through, the whole content of the tube and its channelling between that point and the ultimate spraying orific goes up in one sudden ejection, for the rising vacuum sudden ejection, for the rising vacuum operating on the spraying orifice now becomes suddenly supplemented by the float-chamber head pressure and for one instant the mixture becomes unduly

Now if the induction pipe is cool and the skin "critical" therefore high, the walls will take up this sudden injection of the reserve and pay it out gradually to the air stream, but if the pipe is hot to the air stream, but if the pipe is hot it will not do so and the cylinders drawing upon the manifold during the short period of this fluid influx are literally choked into silence—very momentarily, of course, and generally affecting only about two consecutive firings, but sometimes continuing for a whole cycle, thus producing a very marked jerk in the transmission.

Constant-vacuum carburetters do not produce this annoying phenomenon for

produce this annoying phenomenon for reasons that will now be obvious, and static instruments will cause it to a greater or less extent, according to the provision made in the acceleration-well

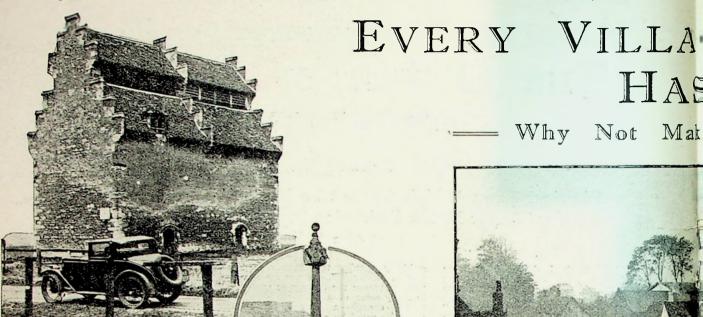
design for preventing the sudden influx.

The cure is very difficult without causing upsets in other directions, possible only to an expert as a rule, for the conditions are so subtle.

From an engine point of view, re-ducing the induction-pipe heat by sawing or drilling through part of the hot-spot connection, if possible, is the easiest method, but, as regards the carburetter aspect, it is best to go to the makers.

The reason why alcoholic fuels or petrols containing alcohol do not "gulp" is that alcohol, unlike petrol, can be enriched to an enormous overdose be-fore misfiring occurs. Its presence, therefore, in the fuel, even in limited quantities, will generally cure "gulp."

Provision is usually made in the most up-to-date static carburetters to cope with "gulp," but as a rule only in the latest types; a very large number of cars therefore suffer from it and as simple readjustments are seldom wholly sample readjustments are seigon whonly effective the attentions of service stations are generally abortive. It is best to consult the makers themselves.



(Above) Willington Dovecote, near Bedford, which is now the property of the National Trust. (Right) An ancient cross at East Hagbourne, Berkshire.

In all parts of the country one can find quaint old villages where time seems to have stood still for generations past—relics of old England and the picturesque days we read about in history. Such spots are always fascinating and generally have many an interesting tale to tell.

Yet how many motorists miss all but the superficial attractions of a village of this sort by driving straight through, merely noting that it appears a pleasant spot and has, for example, some thatched cottages, an ancient church and a beautiful old Tudor house over the green. But the traveller who has the time to stay awhile and make a closer acquaintance will doubtless find that it has much more to speak to him about, for there are "sermons in stones" right enough and these old places surely speak of the picturesque past; given the opportunity, too, one can glean at least something of the life of the country dwellers at first hand. To explore an old village is ever a charming experience and an education.

A better start cannot be made than by endeavouring to strike up an acquaintance with a villager who knows something of the history of the place and the things worth viewing. Frequently one may happen upon the "wise man" of the village, whilst the postman is always worth tackling if one finds him enjoying his off-duty hours in his garden. The parson, too, is generally an authority on his parish, and the schoolmaster is another person who may be expected to know all that is worth knowing of his own locality.

To obtain such a guide is of special value in getting to the heart of these places for infinite variety is one of their charms and, left to his own devices, the tourist is very apt to miss much that is of outstanding interest. The green, the pond and the ancient stocks, for example, are obvious to all, but in nooks and corners, village industries, such as chair-making, straw-plaiting, cidermaking and glove-making, still exist, if they do not flourish as of old, and are the things that the casual visitor seldom discovers.

But, although there is infinite variety in our villages and hamlets, yet there are things common to all and in the absence of a guide the motorist can search them out for himself.

History in a Church.

The old church, long the centre of all rural activities, religious and secular, stands prominent above the nestling roof-trees of farms and cottages. Inside, ancient brasses and mural monuments, with their simple inscriptions, are nearly always to be found, and from them one may read much of the past history of the parish and learn who were the men and women who for long centuries have ruled over the destinies of the place.

Almost every village has its manor house or hall and its rectory or vicarage, whilst perhaps it can boast of the ruins of an ancient castle, a memorial of state and power; if so, all the better, for there is often some legend or story attached to an old manor or castle that is well worth hearing—if one can find anyone willing to pass an hour in genial conversation.

GE A HEART e Your Way to It?

Sometimes, too, it is possible to drop into a village on a day when the grounds of the hall or manor house are thrown open to the public; it is always worth while to take advantage of such a stroke of luck and spare a few minutes to enjoy the beauty of the typically English scene.

The old barns that nestle round the farmstead are another charming feature of most villages; the more important are the ancient tithe or grange barns, which were formerly attached to some monastery, and were often built "as strong as a church and as fine as a minster." In these tithe barns was stored the grain that represented the tithes paid by the farmers, corn, hay, wool, peas, beans, and so on, all being classed as tithes.

The Larder of the "Gentry."

Interesting, too, are the ancient dovecotes that are to be found here and there, some of them very old. Mr. P. H. Ditchfield mentions one at Hurley Priory, Berkshire, that was erected about the year 1307. At one time only the lord of the manor or the parson was allowed to crect a dovecote or pigeon-house. The Normans constructed massive round dovecotes made of stone, and later came half-timbered cotes in various shapes. Many of the older pigeon-houses have now disappeared, but wherever one comes across one in some old village it will generally prove well worth inspecting if at all accessible, for these cotes are links with a past when the "gentry" very often had to depend

A contributor points out that there is much more in an ancient English village than a mere picturesque collection of cottages. He shows how we can discover a wealth of interest in these sleepy old places

upon the contents of the dovecote for fresh meat for the table during the winter months.

Not less interesting are the old water-mills, with their mossy wheels. Many of these are mere ruins now, their ancient glories departed, but they still add distinct health to the landscape.

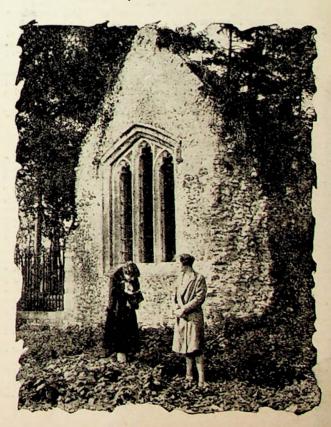
distinct beauty to the landscape.

Village crosses form another link with the dim past, some of them dating back to days before the earliest church. Most of them are now much dilapidated and defaced, their steps worn and crumbling, their columns chipped by countless generations of village lads, but in days gone by they were the centres of village life; tramping friars preached from their steps, and in later times they were the gathering places of gossiping villagers.

These are the main features of practically every old-world village and can be sought out by any motorist, whether he be fortunate enough to find a local guide or not. The visitor who is lucky enough to chance on a talkative villager is even more fortunate, however, for there is far more in an ancient village than a mere picturesque group of cottages, and those motorists who realize the fact have an almost endless source of objectives for their week-end runs.

A.S.

(Left) The picturesque village of Finchingfield, Essex, which, amongst many interesting features has a church aboutment to William Kemp, who kept voluntary silence for seven years. (Below) Flaunden old church, Bucks, which many a casual traveller misses.





We welcome letters for publication in these columns. No anonymous communications will be accepted, but writers may use a nom de plume. To ensure publication in the next issue, letters should be addressed to the Editor "The Light Car and Cyclecar." 5-15 Rosebery Avenue, London, E.C.1 and should reach us on Monday. Please write only on one side of the paper and leave a wide margin.

SHOULD OLD CARS BE BANNED?

Readers Think Safety is Not a Matter of Age

Reader Prefers Old Cars.

I was really surprised at your correspondent BM/OVILJ having the courage to suggest that old cars should be banned. He is, apparently, one of those people who, having bought a new car, must inform the whole of Absence of i.w.b. England that he has done so. In my

Only Fault. opinion, it does not matter how old a car is, within reason, provided that the mechanical condition is good, especially the brakes and steering gear. It is a fact that the workmanship of the pre-war car was far better than the mass-produced car of to-day,

which after about two years of average daily running is nothing but rattles and squeaks.

Look also at some of the 1923 models, which have been doing really hard work for eight years and are still on the road. Then, again, look at some of the 1920 models, a great many of them appear almost ready for scrap. As regards accidents, it is not necessarily old cars which cause them, but cars which have mechanical defects, such as brakes out of adjustment and so on. This latter defect is sometimes found even in a brand-new car. Other accidents are caused by the type of driver, and are nothing whatever to do with the condition of the car.

My only objection to old cars is that they are not usually fitted with front-wheel brakes.

A.S.

Reader Blames Depreciation for-

It seems to me that the question of whether or no a given car should be continued in use or scrapped is one

which cannot be answered dogmatically, either in the manner
of BM/OVHJ or of his opponents. The

-Bad Condition of determining factors fall into two groups,
"Second-hands." one consisting of economic considera-

"Second-hands." one consisting of economic considerations, the other of the safety and convenience of the general public. The questions of "selfishness" and "liberty" are not in either of these groups; they are in the same category as "the flowers that bloom in the spring"

spring."
The public interest will be adequately protected if the ear is capable of being driven with case and under full control at moderately high speeds, say up to 40 m.p.h., if its bruking equipment is, at least, up to the standard required by the law, and if its liability to mechanical breakdown is small. Any car that was originally sound on these points can be so maintained by prompt attention to repairs and renewals as

and when they become necessary.

On the financial side, I am of opinion that the perfectly absurd rate of depreciation obtaining at present is responsible for the disgraceful mechanical condition in which many cars two or three years old are allowed to go about the roads. A man who buys a car for £200, and in three years or so finds it has depreciated to £60, is reluctant to spend £30 or £40 in having it thoroughly reconditioned, because he knows this will add little or nothing to its market value. So he sells it for what it will fetch, and it then very likely finds its way into the hands of an owner who, although he can scrape up the price, cannot afford the reconditioning and the car continues its progress towards decrepitude and

becomes a danger and a nuisance to others.

This policy is entirely fallacious, for our hypothetical owner, having sold his car for £60, must now find an additional £140 for a new one, whereas an expenditure of £40 would in all probability have made the old car as good as, if not better than, when new. It is, of course, for him to decide whether the extra outlay is justified to him by the satisfaction of his vanity and enhancement of his prestige if any-and by such solid advantages as he may presume a

new car will have.

I suggest that every car should be subject to an annual inspection by a competent authority, and that a certificate of soundness from that body should be a condition of its KW2173. licence being renewed.

Good Service from 1927 Model.

As an old reader of The Light Car and Cyclecar, I have

As an old reader of The Light Car and Cyclecar, I have read with dismay the suggestions put forward by certain of your readers that old cars should be scrapped. Personally, I do not think this is quite British, and to my mind rather suggests the feminine touch. I have driven cars and motorcycles for years, also acroplanes for that matter, but when I buy a car it is not something which is purely a convenience.

I have had my present car since 1927 (one of the best of its day in the £200 to £250 class), and have no ambition to get rid of it for one of the so-called later models. In confort it gives me what I desire. I know it thoroughly, and am therefore in the position to drive it in its own sweet way. I decarbonize the engine myself because I prefer to, also give the whole car the attention it deserves.

People tell me it looks as good as new, and so it is. I can do my 50 to 55 m.p.h. if I want to, but when motoring for pleasure (and I assume most of us do that) who wants to drive at that speed?

I am not an old man, but in the early fortics, and have no use for the individual who simply must tear from place to place. That is not motoring, but merely making oneself a nuisance to one's neighbour. Incidentally, I find I generally arrive at my appointed place as soon as the other fellow.

No, sir, I say leave the other motorist alone. If he has

fellow.

No, sir, I say leave the other motorist alone. If he has an older car and is fond of it, and it gives the service desired, what more can be required? PH3199.



SLFA-ROMEO

won the J.C.C. Double "12" and the Irish Grand Prix in 1929, and the Le Mans 24 Hour Race in 1931.

BENTLEY



won the J.C.C. Double "12" in 1930, and the Le Mans 24 Hour Race in 1929 and 1930.



M.G. Midget

won the J.C.C. Double "12" and the Irish Grand
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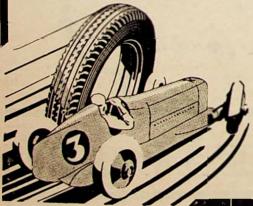
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OUR READERS' OPINIONS (contd.)

The Relay Grand Prix.

Having read your account of the recent Relay Grand

Having read your account of the recent Relay Grand Prix, I was a little disappointed to find no reference to the extraordinarily good performance put up by the "A" car of No. S team—A. N. Machlachlan's Lea-Francis. This car, which was prepared entirely by the owner, averaged 95.3 m.p.h. for its 29 laps. This was in accordance with pit instructions. The last three laps were covered by Mr. Machlachlan at 96.6, 97.4 and 97.7 m.p.h. respectively, in response to a "slightly faster" signal from the pit.

* According to the official figures. A. N. Machlachlan's

the pit. pit.

According to the official figures, A. N. Machlachlan's best lap was covered at 96.71 m.p.h.—Ed.

Rust-proofing Steel Bodies.

With reference to the recent correspondence on the need for a rustproof finish we would like to point out that such a finish is not impossible to obtain at a comparatively low figure. The difficulties with cellulose finishes—and, for that matter, with paint

Process. or enamel—are not so much due to any trouble with the cellulose or paints as to the surfaces on which these are employed. The panels

are usually of steel, which is liable to rust easily, and they generally have a quite smooth surface, which is sometimes

not altogether free from scale.

The metal-spraying process, of which we are the proprie-The metal-spraying process, of which we are the proprietors in this country, is capable of giving a thin layer of metallic zinc to such surfaces, and this thin layer is rust-proof over a very long period, as the zinc is deposited in a pure form. The process is cold and therefore does not distort the panels, and no acid is used, the conting being, therefore, free from "spotting out," which sometimes occurs on electrodeposited coatings. For the preliminary process of metal-spraying the surfaces have to be sandblasted, and are therefore units clean. therefore quite clean.

The final surface of the zinc has a slightly matt finish. It has been found in practice that this slightly matt surface gives an extremely good base for all enamels and paints, and prevents blistering due to contraction of the paint film differential expansion due to exposure to weather. Furthermore, it cuts out the necessity of using priming contings, as the zinc acts as a metallic primer.

The enamelling process, therefore, can sometimes be cheapened to compensate somewhat for the extra expense of

metal-spraying.

If a fracture of the paint occurs no rust will appear through the broken film, as a rustproof zinc coating is underneath.

The reason why the process has not been used extensively by motorcar manufacturers is that it would probably add to the cost of an ordinary motorcar by £2-£3, and in these days of severe competition manufacturers have felt that the extra price would be difficult to obtain.

W. E. BALLARD,

FOR METALLISATION, LAD.

Aerolite Pistons.

We note that in your description of the new Standard Little Nine you state the "Aerolite pistons—of which the four vertical flutings with oil return holes are a feature—are used." We would like to point out that these flutes and holes are not

of Design. intended for this purpose, but are there as a "heat-break" and are an essential feature on the Mark IV piston.

The oil control is taken care of by Cygnet rings, with hich all Aerolite pistons are fitted. The self-compensat-The oil control is taken care of by Cygnet rings, with which all Aerolite pistons are fitted. The self-compensating success of this piston is due to the presence of this "heat-break," together with the twin webs in the head. Aerolite pistons were fitted during 1931 to all Standard Big Nines, and, as a result of their no-trouble feature, will be fitted to both Big and Little Nines during the ensuing C. EVELYN GEORGE, Director,

For THE LIGHT PRODUCTION CO., LAD.

Open v. Closed Cars-More Pros and Cons

Blind Spots and Reflections.

Despite the large number of letters you have published on the pros and cons of open and closed cars, no one scems to have stressed what, in my opinion, are the greatest curses of saloons—the poor driving visibility caused by thick screen and door pillars, and the confusing reflections at night resulting from the acres of plate glass.

H. U. J. NEWMAN.

The Verdict of the Majority.

Why all this argument? Surely the verdict of the majority can be taken. One has only to stand at the roadside any week-end to see that, even for pleasure purposes, the saloon has it every time. Personally,

I changed to a saloon two years ago— I have owned three open cars previously Great Popularity of Saloons. -and would not dream of going back I am sure my experience is only that of er motorists.

NORMAN WILLIAMS. to a tourer. countless other motorists.

Sports-car Owner's Views.

A journal of the breadth of outlook of The Light Car and pelecar must necessarily encourage readers to proclaim the faith that is within them, even though they anathematize

each other with ultra-clerical fervour. But is it not the fact that the average Why Blame Others? man can only afford to run one car, and that his choice represents a compromise between the wishes of his wife and his social and business

The writer is fortunate in being a middle-aged backelor, for whom the wiles of Circe have ceased to hold much attraction. He goes to the City by train, and he takes a taxi on those rare social occasions he cannot manage to dodge. Consequently, he can please himself entirely about the car he drives.

When motoring first attracted him, he imagined that advancing years demanded a certain dignity in methods of travel, but after three months' experience with a six-cylinder coupe with sunshine head he became persuaded that driving a bearse would be wild adventure as compared with motor-

At this juncture he unbosomed himself to his garage proprietor, when that excellent man diffidently suggested that he should try a sports car. This proved to be a revelation, and be ertainly admits that he now has the time of his

But quite a number of fellow wayfarers do not seem to rejoice in the merry scream of second and the whine of third.

The writer enjoys every minute upon the open road, and so, doubtless, do they. Why should we blame one another?

Type Forty.

Open Car Owner Rides in Saloon.

Although I am an open-car enthusiast, I have not butted-in

Although I am an open-car enthusiast, I have not butted in on the tourer v. saloon controversy because I have not had any great experience of saloons. However, a few days ago I went for a long run as a passenger Finds Fumes in a very popular saloon, costing, I because Positively Awful. lieve, about £300. The fumes when the car—which was fairly new—was doing anything over 35 m.p.h. were positively awful, but the driver seemed to take them as a matter of course. Need I say more?

" M.D.D." Given Himself Away?

In his second letter to you "M.D.D." has given himself away entirely. Replying to one of his critics he said, "I

motor to get somewhere, and, personally, I much prefer to travel in what he calls a drawing-room Traveller or than in what I will call an outbouse Motorist?

—damp and draughty." Exactly, "M.D.D." You regard your car purely as a means of getting about, and, like all other "motorists" of the same type, you like everything to be as easy and luxurious as possible. That is typical of the saloon car owner.

It is the enthusiast who appreciates an open car, for he knows that it represents motoring-not just travelling. I have owned-not merely driven-both open and closed cars, have owned—not merely driven—both special way views.
so can claim to have some experience to back my views.
L. L. Heaton.



OUR READERS' OPINIONS (contd.)

Fined for Smooth Tyres.

I notice that a Welsh motor owner has been fined under the new Road Traffic Act for driving on smooth, worn tyres. To those about to set out on a motoring holiday the news

will be a timely reminder not to run the A Caution for risk of adding a fine to their out-of-the Economical.

The Economical risk of adding a fine to their out-of-the Economical pocket expenses. Probably not two motorists in three are aware that to usq worn tyres is now punishable by law.

R. D. Harrett. (Major.)

An Austin in Ceylon.

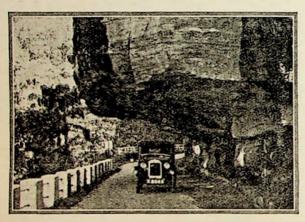
I feel sure your many readers will be interested in the enclosed photograph of an Austin Seven in Ceylon. It shows the car at the foot of the Ramboda Pass-the steepest and

The Ramboda Pass.

of the Rambout rass—the steepest and longest main road pass in Ceylon—which consists of about 11 or 12 miles of stiff climbing. The little car performed wonderfully well, taking most of the climb in second, with first on some of the hairpin bends. The scenery is beautiful and, as seen in the photograph, an

enormous rock overhangs the road. I have been a reader of your paper for some years and look forward to receiving it every mail day.

L. GORDON LOOS.



An Austin Seven passing under the famous Ramboda Rock which overhangs the road at the foot of the Pass of the same name in Ceylon. (See letter above from Mr. L. Gordon Loos.)

Protection in the Motor Industry.

In the interests of fair play I trust that you can give space to note a timely retort to the recent Free Trade attack upon our motorcar manufacturers. Comparing them with the car makers of the United States, Mr.

From Col. Sir T. A. Polson.

Lloyd George declared that "our manufacturers were only concerned about manufacturing for the beautifully sur-

faced roads at home. They had not applied their minds to capturing the other markets and constructing the right sort of machines for the occasion. If that tariff had been taken away they would have been driven to try and capture the

markets of the world, and they would have done it."

Sir Eric Geddes's newly published "Mass Production," reviewed by you the other day, might have been written

to confute this tangle of misleading statements.

The author shows how the foreign mass-producer can flood the market with goods sold far below their full cost of production, and still improve his own profit position while forcing the unprotected manufacturer into fast increasing loss merely by reducing the latter's volume. He points out that because the unprotected manufacturer cannot be sure of his home market he has no encouragement to incur the risk of spending the capital which would enable him to manufacture for export at a competitive cost.

As for our motorcar makers, Sir Eric gives two striking facts which speak for themselves. Despite their "inadequate and temporary protection," he says that they have been able to adopt mass-production, at any rate in part, with the result that costs of production have fallen; prices to the consumer are "about one-half of the 1914 level," and

for a vastly improved vehicle, while, concurrently, producers'

carnings have about doubled.

Most Free Traders will be too wary in these days to try and answer the arguments of the Dunlop chairman, but perhaps amongst your renders there may be some who may be tempted to challenge Sir Eric Geddes's conclusive case for a tariff. Let them be warned that in doing so they will run a grave risk of converting themselves from orthodox THOS. A. POLSON. Cobdenism.

CONDENSED CORRESPONDENCE.

"P.N." in a long and interesting letter, makes some startling claims for a perfectly standard 1926 Austin Seven tourer which he purchased second-hand a year ago. He states that it has now done 10,000 miles since it was last decarbonized and that the valves have not been adjusted or ground in since he purchased the ear, although his mileage in it is just on 18000. In spite of this lack of attention and the fact that the ear is driven hard, he says that it is still running exact onally well and will climb Alms Hill, Henley, any day that it is climbable; since the beginning of June, in fact, he claims to have made 20 ascents, five of them having been made consecutively without boiling.

READERS' WANTS.

FISHING.—Information on places where fishing is to be ad in Devon and Cornwall.—M. Leonard Webb, 70, Colfe had in Devon and Cornwall .-Road, Forest Hill, London, S.E.

FOUND .- Between Bromsgrove and Worcester, a chromiumplated Rover wheel centre.—G. E. Ormonde, White Cottages, Foley Gardens, Stoke Prior, Bromsgrove, Worcester.

Lost.-Between Corbridge, Northumberland, and Carter Bar, a suit of motorcycling overalls between 9.30 p.m. and 10.40 p.m. on Sunday, July 26th.-H. G. Hicks, R.A.F. Training Base, Leuchars, Fife.

M.G. Minget.—Readers' experiences of the 1931 Jarvis model with occasional third seat, with particular regard to durability of bodywork, general reliability, comfort, speed, hill-climbing and running costs.—P. W. Gauntlett, Craigleath, Chartridge, Chesham, Bucks.

ASKED AND ANSWERED.

L.J. (Warrington) .- As the magneto of your car has a jump-spark type of distributor you will gain no advantage

from fitting external spark gaps.

A.P. (Bournemouth).—The articles on "The Chemistry of Petrol," by L. Mantell, appeared in our issues dated June 19th, June 26th, and July 3rd.

G.S. (Carnaryon).—Little indication of the state of charge

of a battery is given by short-circuiting the terminals to obtain a spark. The practice is, moreover, very harmful. It.E.T. (Southampton).—As a general rule, pneumatic

upholstery is most comfortable when inflated to a point when the scat frame can just be felt by pressing hard with the fingers in the centre of the cushion.

H.R.C. (Wallasey) .- You are quite correct; if you fit oversize tyres to your car, you can employ slightly lower pressures. You would do well, however, to get into touch with the makers of the tyres you propose to fit to obtain their recommendation.

T.G. (London, S.W.3) .- It is extremely difficult to tell from a mere description what is the cause of an extraneous noise in an engine unless a clue is given by the circumstances in which it occurs. In your case there appear to be no condi-tions which suggest the cause of the grinding sound. As you live within reasonable distance of the makers' service station, why not take the car along and obtain the opinion of one of the testers? These men spend all their time tracing troubles and can usually tell in a few minutes exactly what is wrong.

M.S. (Fulham) .- By all means polish the ports of your engine if you wish to improve the performance; raising the compression is another matter, however, and we advise you compression is another matter, however, and we advise you to go to work carefully. Some production engines benefit appreciably by the alteration, but others are apt to become harsh and to need very frequent decarbonizing. As an experiment, you might try the effect of a slight increase in the ratio by using a thinner cylinder-head gasket, which you can cut for yourself from a well-annealed sheet of copper; a good jointing compound will, of course, be necessary with an all-metal gasket of this type. If you find that the engine is improved by the alteration you will be safe in having in machined off the face of the cylinder head. to in. machined off the face of the cylinder head.

SPORTS

Drivers Nominated for the T.T.-Continental Forces Stronger Than Ever-News of the 500-mile Race-Fine Meeting at the Avus Track-German Small Cars do Well

MOST of the drivers for the T.T. have now been nominated, and already it will be seen that this year's race—whether it be the last on the Ards circuit or not—should be the finest of the series.

The battle in the 1½-litro class promises to be a outrance, and the entry, as you will gather from the list given under "Club Items," makes good

There is one Lea-Francis against three Aston Martins and three Frazer-Nashes in the 1,500 c.c. class. The "Leaf" will, of course, he blown had "Lenf" will, of course, be blown, but T. G. Moore, who is driving his "Double-Twelve" Frazer-Nash again with W. S. Braidwood, is contemplating

"Aldy" is a fine road-racing driver and liable to show us a thing or two.
Widengren and Outs will drive the

little 1,100 c.c. Maserati against five



"Prevention

Rileys. The Riley contingent are all capable of great things—Stanilaud, Ashby, Whiteroft, Noble and Victor Rileys. Gillow

Gillow.

In the 750 c.c. class, of course, we have a further round of the Austin v. Midget scrap, and 13 Midgets will see what can be done about five Austins. In the latter ranks we shall have the Relay Grand Prix team, Cushman, Goodacre and J. D. Barnes. F. S. Barnes will handle a Midget.

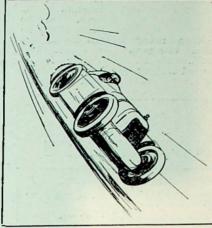
Among the big stuff the race will take

Among the big stuff the race will take on a stern aspect, and Continental drivers are coming over in force to

carry the Alfa-Romeo v. Bugatti fight a stage farther. We shall see over here for the first time Louis Chiron, Achille Varzi, and Albert Divo driving Bugattis, with Bourint as reserve. The Alfa drivers will be Nuvolari, Campari and, ns a visitor for the first time,

Borzacchini.
The "Alfas" will be the 21-litre straight-eights, and the Bugattis will be the type which ran at Le Mans and showed terrific speed—5-litre straight-In the same class are two Invictas.

One Mercedes will start, and among other Continental marques



Maseratis will be driven by George Eyston and an unnamed driver, Sir Henry Birkin and Earl Howe will drive Alfa-Romeos.

TALKING of inter-marque strife, the Austins will meet the Midgets again in the B.R.D.C. 500-mile race on October 3rd. On this occasion, be it noted, the handicapping calls for the 7500 to law at 94 mm h.d. 750s to lap at 94 m.p.h.!

Sir Henry Birkin will drive the single-seater Bentley in this race, Sir Malcolm Campbell will appear, but has not yet announced his car, and Anthony Beyan will drive another supercharged 41-litre Bentley. Lord Howe is down to pilot his new 2-3-litre Bugatti with which he competed at the Nürburg Ring.



is better than cure!" Impressions of a Mountain Handicap at Brooklands last Monday.

THE regulations have just been issued dealing with the record attempts which will be made on the standing-start and flying-start mile and kilometre at Arpajon on August 23rd, and on the 5 kilometres, 5 miles, 10 kilometres and 10 miles which will be made at Montlhery on August 30th.

There are classes for racing cars from J to Δ , i.e., from 350 c.c. to S-litres, single-scater bodies are allowed, and there are no weight limits. World's, French and International records may be set up at both meetings. Full details are available from M. le

Président du Motorcycle Club de France, Boulevard Gouvion Saint-Cyr, Paris, XVIIe.

THERE was tremendous enthusiasm at the Avus track, Berlin, when the first meeting for five years was held on Sunday last. It is estimated that 210,000 spectators lined the course! The track is a narrow oval, with two

where spectators declare, he broke the "750 c.c. Brook-lands altitude record" with consummate ease!

> 5-mile straights separated by a grass strip and with slightly banked loops at each end.

IOTTINGS

BUMP!

An artist's impression of

Leon Cushman in the Austin Special coming off the big bump on the home banking,

The racing must have been thrilling enough to watch. There were three long-distance events in which all ears started from scratch—750 c.c., 1,500 c.c.

and unlimited.

Four B.M.W.s (German Austins),
four two-stroke D.K.W. f.w.d. and two
D.K.W. rear-drive cars started in the first race. The three B.M.W.s were in-teresting in that one had an o.b.v. head, another had an aluminium head, and the third had a standard bead and a special exhaust manifold, in which the spaces between the pipes were packed with metal shavings to conduct heat to the inlet manifold.

The race became a duel between the o.h.v. B.M.W. and one of the f.w.d. two-stroke D.K.W.s, which latter eventually

won at 75 m.p.h.

Out of 12 starters in the 1½-litre race only two cars finished! There were two Salmsons, two Amilcars and eight Bugattis, The course was 10 laps (122 miles). Four Bugattis led from the start and proceeded to break each other up. One by one the cars "blew up" until one Bugatti, which had been first until one Bugatti, which had been first at the 7th lap and third on the 8th, crossed the line alone at an average of 93.5 m.p.h. About five minutes afterwards the only other car left running came in—a Salmson.

The large-car class was a terrific fight between Caracciola (Merceles) and Very Moreau (2.2) like Bugatti

fight between Caracciola (Mercedes) and Von Morgen (2.3-litre Bugatti). These two, driving like demons, ran right away from the field. The Iugatti led on the first two laps, but was passed by the Mercedes, which won at 115.50 m.p.h. for the 183 miles. Von Morgen had tyre trouble and finished 41 mins.

I HEAR from Leslie Wilson, the hon. secretary of the Midland A.C., that the Amateur Climb at Shelsley on September 5th promises to be an outstand-

ing event in the series.

There is to be a team event for clubs

affiliated to the R.A.C. and for scratch teams, and the cars may be racing machines as distinct from sports models. There will also be a special cup for the best aggregate time made by a team which was entered for the recent L.C.C. Relay Grand Prix.

Among the other special cups will be awards for the fastest climb by a lady, the fastest amateur driving in international races and, of course, cups for best time in the seven classes, sub-divided into sports and racing categories.

B39



HAVE just been glancing through the intricate maze of figures which Mr. Ebblewhite has produced showing the times of every competitor on every lap in the Relay Grand Prix, and several interesting things emerge therefrom, including some surprisingly high lap speeds.

This time chart is so absorbing that I

propose publishing parts of it in full

propose publishing parts of it in full next week for those interested.

It shows, for instance, that the fastest lap was made by A. MacLachlan (Lea-Francis) at 96.71 m.p.h., that Lones (Morgan) lapped at 93.09 m.p.h., and H. D. Parker (supercharged Midget) put in one at 92.23 m.p.h.

The Blower.

CLUB ITEMS AND SPORTING EVENTS

DUNSTABLE AND D. M.C.

The club is holding a grass-track meeting on Sunday, August 9th, at Leweey Farm, on the Luton-Dunstable main road. The first race will start at 2.30 p.m.

The following is the full list of entries, with nominated drivers and reserves who have been of ar announced:—

so far announced:—

750 c.c.—M.G. Midgets (15 cars); D. Higgin, H. C. Hamilton and G. K. Cox, F. M. Montamer, F. S. Barnes, E. R. Hall and H. A. Smith, S. W. B. Hailwood, R. R. Jackson, R. T. Horton, Major A. T. G. Gardner, R. Watney, N. Black and G. K. Cox, H. D. Parker and the Earl of March, S. A. Crabtree, Austins (5 cars); H. Kayley, G. V. B. Cooke and H. I. Robinson, C. Goodacre, J. D. Batnes, 1,100 c.c.—Mascartic H. W.

1.100 c.c.-Mascrati: H. Widengren and R. F.

1.100 c.c.—Mascrati: H. Widengren and R. Pauling, Cat.
Rileys (5 cars): A. F. Ashby and R. Pauling, W. P. Noble and D. C. MacLachlan, C. S. Stannland and D. C. MacLachlan, C. R. Whiteroft and J. Catalland, C. R. Whiteroft and J. Catalland, J. Bezzant, A. C. Bertelli and J. Bezzant, A. C. Bertelli and J. Bezzant, T. G. Moore and W. S. Braidwood, C. Penn-Hughes and D. A. Aldington, H. J. Aldington.

Littes.—Arrol Aster (3 cars): "R. Ormonde"

ton, H. J. Aldington.

3-litres.—Arrol-Aster (3 cars): "R. Ormonde"
and N. Garrad, "W. P. Lockwood" and C.
Southwell Piper, and two unnamed drivers.
Maserati (2 cars): One unnamed driver and
E. Fronteras, G. E. T. Eyston and G. Ramponi.

FORTHCOMING EVENTS.

August 8th.

Southport M.C. Sand Race Meeting.

M.G. C.C. Supper Dance.

August 9th.

Coventry Triangle M.C. Social Run.

Norwood M.C. Chairman's Run.

C.S.M.A. (Midland Centre). Social Run.

August 15th.

Ulster A.S.C. Craigantlet Hill-climb.

Coventry Triangle M.C. Social Run.

August 22nd.

R.A.C. Ulster T.T.

September 5th.

Midland A.C. Shelsley Walsh Amateur

Hill-climb.

ABROAD.

ABROAD.

ABROAD.
August 9th.
Austria: Guisburg Hill-chimb.
August 16th.
Italy: Acerbo Cup Race.
Poland: Tatra Hill-chimb.
August 23rd.
Switzerland: La Bernina Hill-climb.

Talbot (4 cars): T. E. Rose-Richards, J. S. Hindmarsh, B. E. Lewis, W. Esplen.
Alla-Romeo (5 cars): Sir Henry Birkin, Earl lowe, T. Nuvolari, B. Borzacchini, G. Campari, 5-litres.—Inviets (2 cars): D. Froy, G. Field and Major F. H. Cairnes.
Bugatti (3 cars): A. Varzi, A. Divo, L. Chiron freserve driver in each case, Borziat).
8-litres.—Mercedes-Benz: B. O. Davis and A. C. Taylor.

RELAY GRAND PRIX. WINNERS OF AWARDS.

First Prize. The M.C. Challenge Trophy, replice and purse of 25 guineas.—Capt. A. C. R. Watte (three 747 c.c. supercharged Austins). To the drivers, L. Cushman, J. D. Darnes and C. Goodacre, souvenire.

Second Prize, The Mobileil Cup.—J. C. Elwes, 1,496 c.c. Lea-Francis, 1,089 c.c. Riley, 747 c.c. Austin (8.), To the drivers. A. N. Mactachlan, A. M. C. Jameson and J. C. Elwes, replicas.

replicas.

Third Prize, The Morgan Cup.—P. W. Marriago (three 747 c.c. Austins). To the drivers, P. W. Marriage, A. D'Arcy Browne and R. R. M. do Bulleroche, replicas.

o Bullerocke, replicas.

Prizes Awarded to Entrants and Drivers Who Do Not Benefit by the List Given Above.

"The Light Car and Cyclecar" Challenge Cup and replica.—To the entrant of the first team which ran to schedule and finished the race within qualifying time, C. Authony [1.496] c.c. Aston-Martin, 847 c.c. M.G. Midget, 847 c.c. M.G. Midget, To the drivers, C. Anthony, C. E. Wood and A. Jones, souvening.

The March Cup.—To the entrant of the first one-make team to finish the race within qualifying time. The Earl of March three 746 c.c. supercharged M.G. Midgets). To the drivers, H. D. Parker, the Earl of March three 746 c.c. supercharged M.G. Midgets). To the drivers, H. D. Parker, the Earl of March and G. K. Cox, souvenirs.

The John Yule Cup.—To the entrant of the first mixed team to finish the face within qualifying time. J. Street (1.496 c.c. Bugatti, 1.496 c.c. Bugatti, 750 c.c. B.C. Specialis. To the drivers, R. L. Duller, J. A. Robinson and G. C. Willis, souvenirs.—To the entrant and drivers of every team which energial of the race irrespective of schedule, but in qualifying time and provided they won no other award.

"The Autocar" Souvenirs.—To the entrant and drivers of every team which compiled the threat irrespective of schedule, but in quadifying time and provided they wen no other award. The Hon. Mrs Chetwynd (1,496 e. Leaf rancis, S. 746 e.c. M.G. Midget, 1,271 Witchen C. A. Faul (1,089 e.c. Riley, 1,487 e.c. Aston-Martin, 1,354 e.c. Riley, 1,487 e.c. Aston-Martin, 1,354 e.c. Riley, 1,487 e.c. Aston-Martin, 1,354 e.c. Windsorl. Drivers, R. S. Outlaw, C. H. Masters and C. A. Paul (1,089 e.c. Riley, 1,487 e.c. Aston-Martin, 1,354 e.c. Windsorl. Drivers, R. S. Drivers, R. Littlewood-Clarke (three 847 e.c. M.G. Midgets). Drivers, R. T. Horton, R. R. Jackson three 746 e.c. M.G. Midgets. S.) Drivers, R. T. Horton, R. R. Jackson and A. T. G. Gardner.

Miss V. Worsley (three 747 e.c. Austins). Drivers, E. C. H. Randall, Miss V. Worsley and A. G. B. Wood.
G. H. Goodlall (1996 e.c. Morgan, 1996 e.c. Morgan, 1,096 e.c. Morgan, 1,

B.A.R.C. AUGUST RESULTS MEETING

THE FIRST AUGUST MOUNTAIN

HANDICAP. (Distance, about 12 miles.)

1. R. F. Oats (O.M., S'1. won by 900 yds. at 65.21 mp.h., bleap 28 secs; 2, R. Mays (Invicta). acr.; 3, P. Fotheringham Parker (Alvis), bleap 38 seca. Also started: A. B. Gilbert (Talbot), 28 secs.; A. O. Mathieson (O.M., S), 28 secs.; A. W. L. Maclachlan (Lea-Francis, S'1), 28 secs.; W. E. Humphreys (Amilear, S'1), 38 secs.; G. K. Marriott (Frazer-Nash, S'1), 42 secs.; T. G. Clarke (Lea-Francis, S'1), 1 min. 5 secs.; J. A. Robinson (Bugatti'l, 1 min. 8 secs.; K. C. E. Cole (Alvis, S'1, 1 min. 18 secs.; R. S. S. Iclebeler (M.G.'), 1 min. 31 secs.; E. C. H. Randall (Austin'), 1 min. 53 secs.

THE FIRST AUGUST ONE-LAP SPRINT

THE FIRST AUGUST ONE-LAP SPRINT HANDICAP. (Distance, about 2% miles.)

1. J. H. Bartlett (Salmson, S'), won by 100 yds, at 87.84 m.p.b., heap 18 accs.; 2, A. L. Baker (Salmson, S'), heap 21 secs.; 3, C. Paul (Sunbeam), scr. A fao started: E. L. Meeson (Vauxhall), 7 secs.; 17 J. Munday (Vauxhall), 7 secs.; Jack Duniec (Ballot), 10 secs.; J. A. Welch (Bugati'), 18 accs.; A. B. Gilbert (Austin, S'), 29 secs.; I. M. C. Hepburn [M.C.1], 50 secs.

THE LONDON LICHTNING SHORT HANDICAP. (Distance, about 6½ miles.)

1. J. R. Jeffress (Bugattil, won by 400 yde, at 97.05 m.p.h., h'cap 48 sees.; 2, R. F. Oats (O.M., S'), h'cap 41 sees.; 3, B. E. Lewis (Talbot), h'cap 48 ases. Also started: J. R. Cobb (Delagel, ser.; E. L. Bouts (Sunbeam, 8), 18 sees.; T. V. G. Selby (Bugattil), 34 sees.; E. L. Mecson (Vaushall), 41 sees.; D. G. Evans (Bugatti, S), 41 sees.; J. H. Bartlett (Salmson, 8'), 57 sees.

THE LONDON JUNIOR SHORT HANDICAP for the Brocklands Gold Vase. (Distance, about 5½ miles.)

1. W. E. Humpbreys (Amiscar, 8°), won by 50 yds. at 99.62 mp.h., h'cap 24 accs.; 2, Major A. T. G. Gardner (M.G.*), h'cap 1 min. 20 secs.; 3. V. E. Horsman (Triumpl*), h'cap 1 min. 23 secs. Also started: E. L. Bouta (Sunbeam), scr.; J. A. Welch (Bugatti*), 24 secs.; A. F. Ashby (Riley*), 27 secs.; H. T. H. Clayton (Amilcar, 8°), 31 secs.; L. Cushman (Austin, 8°), 35 secs.; G. D. M. Blackwood B40

(Vauxball), 35 secs.; W. M. Couper (Lagonda, S), 38 secs.; A. B. Gilbert (Talbot), 41 secs.; J. W. H. Nash (Riley'), 51 secs.; E. N. Ward (Riley'), 51 secs.; C. S. Balls (Austin, S'), 58 secs.; G. L. Baker (Minerva), 1 min. 6 secs.; G. G. L. Willis (B.C. Special'), 1 min. 6 secs.

G. G. L. Willis (B.C. Special*), 1 min. 6 secs.;

THE SECOND AUGUST MOUNTAIN
HANDICAP. (Distance, about 12 miles.)

1, T. S. Fothringham (Bugatti), won by 240
yde at 63 81 m.p.h., heap 1 min. 40 secs.;

2, B. E. Lewis (Talbot), heap 1 min. 14 secs.;

3, J. H. Bartlett (Salmson, S*), heap 1 min.

22 secs. Also started: Sir H. R. S. Birkin
(Maserati, S), scr.; W. B. Scott (Belage, S*), 34
secs.; R. Mays (Invicta), 1 min. 11 secs.;

T. H. Wisdom (Frazer-Nash, S*), 1 min.

22 secs.; B. O. Davis (Sunbeam, S), 1 min.

23 secs.; C. Paul (Bugatti), 1 min. 30 secs.;

D. G. Frans (Bugatti, S), 1 min. 30 secs.;

D. G. Frans (Bugatti, S), 1 min. 35 secs.; V. S. Balls (Austin, S*), 1 min.

35 secs.; F. T. Hatton (Lagonda, S), 1 min.

35 secs.; F. G. Houghton (Lagonda, S), 1 min.

35 secs.; F. G. Houghton (Lagonda, S), 1 min.

THE SECOND AUGUST ONE-LAP SPRINT HANDICAP. (Distance, about 2% miles.)

1, R. F. Oats (O.M., S.). won by 300 yds. at 100.21 m.p.b., hcap 21 secs.; 2, L. A. Cushman iAuntin. S.). hcap 29 secs.; 3, P. Folheringham Parker [Alvis, hcap 33 secs.; Also started: J. R. Cobb (Belage), ser.; R. O. Williams (Delage, S.). 16 secs.; T. 8. Folhringham (Bugatti), 21 secs.; W. E. Humphreys (Amilear, S.), 21 secs.; F. T. Hatton (Lagonda, S.), 36 secs.; E. F. Phillips (B.C. Speciat*), 48 secs.

Special*), 48 secs.

THE LONDON JUNIOR LONG HANDICAP.

(Distance, about 9 miles.)

1. A. Bevan (Bentley), won by 250 yds. at 102.04 mp.h., b'cap 5 secs.; 2, L. Cushman (Austin, 8³), h'cap 29 secs.; 3, H. T. H. Clayton (Annicar, 8³), h'cap 23 secs. Also etarted: B. O. Davis (Sunbeam, 8), sect.; C. Brackenbury (Bugatti*), 5 secs.; J. A. Welch (Bugatti*), 14 secs.; W. E. Humphreys (Amilear, 8³), owed 10 secs.; W. G. Fisko (Alvis, 8³), 29 secs.; V. S. Balls (Talbot), 36 secs.; W. M. Couper (Lagonda, 8), 36 secs.; F. T. Hatton (Lagonda, 8), 39 secs.;

L. Baker (Minerva), 1 min. 1U secs.;
G. L. Willis (B.C. Special*), 1 min. 13
cs.; J. H. P. Clover (M.G.*), 1 min. 28
cs.; Major A. T. G. Gardher (M.G.*), 1 min.
0 secs.; V. E. Ilorsman (Triumph*), 1 min. 10 secs.; 20 secs.

ATTEMPTS ON BROOKLANDS FLYING LAP RECORD (held by Kaye Don (Sunbeam) at 137.58 m.p.h.)

Mrs. Stewart (Derby-Millert, one lap at 116.64 m.p.h.; Sir H. R. S. Birkin (Bentley), two laps at 134.97 m.p.h.

two laps at 134.97 m.p.h.

THE THIRD AUGUST MOUNTAIN HANDICAP (Distance, about 12 miles).

1. H. C. Hamilton (M.G.), won by 500 yds. at 55.42 m.p.h., b'cap 40 secs.; 2, F. F. Phillips (B.G.) Special*), b'cap 50 secs.; 3, W. Esplen (Talbot), h'cap 10 secs. Also started: W. K. Faulkner (Bugatti S), ser.; W. G. Fisko (Alvis, 8°), 10 secs.; J. C. Havis (Mercedes, S), 10 secs.; W. W. Straight (Riley*), 10 secs.; R. Pauliog (Riley*), 10 secs.; W. A Cuthbert (Riley*), 10 secs.; E. N. Ward (Riley*), 10 secs.; F. N. Ward (Riley*), 10 secs.; C. A. Paul (Austin*), 45 secs.; E. C. II, Randall (Austin*), 45 secs.; R. S. L. Boote (Austin*), 1 min. 10 secs.; C. L. Guiver (Salmson*), 1 min. 10 secs.

THE LONDON LIGHTNING LONG HANDICAP (Distance, about 9 miles).

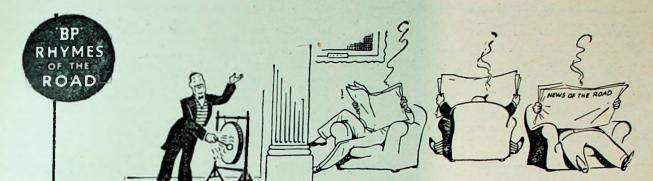
1. H. W. Purdy (Thomas-Special'), won by 35
yds. at 103.61 m.p.b, h'cap 1 min. 4 secs.; 2,
Jack Duntes (Ballot), h'cap 1 min. 4 secs.; 3,
Sir H. R. S. Birkin (Bentley, S), h'cap 5 secs.
Also started: J. R. Cobb (Delage), ser.; C.
Paul (Sunbeam, S) 22 secs.; W. B. Scots
(Delage, S'), 27 secs.; T. V. G. Selby (Bugatti),
48 secc.; E. L. Meeson (Vauxhall), 57 secs.;
B. E. Lewis (Talbol), 1 min. 1 sec.; J. R.
Jeffress (Bugatti), 43 secs.

OLD CROCKS' RACE (Distance about 21/2 miles).

miles).

1. R. Livesey (1903 Rever), won at 24.99 m.p.h., h'cap 5 mins. 14 secs.; 2, J. H. Wylie (1903 Wolseley), h'cap 3 mins. 14 secs., 5, E. Fedden (1903 Mercedes), h'cap 30 secs. Soventeen cars started.

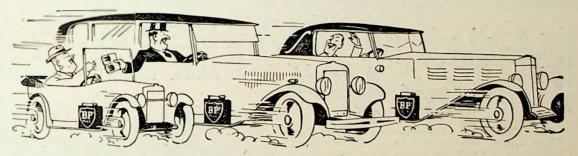
S, supercharged; * under 1,500 c.c.



Rub-a-dub-dub! Three men in a club;



They normally never agree - (The actor, the banker & Admiral Spanker)



But they all use Plus 'BP'

The blue BP plus definitely ensures:Instant starting + amazing acceleration +
more M.P.G + fullest power + wonderful
hill-climbing + freedom from pinking



ANGLO-PERSIAN OIL CO. LTD.

BRITISH PETROLEUM CO. LTD. BRITANNIC HOUSE, MOORGATE, E.C.2
DISTRIBUTING ORGANIZATION

AROUND THE TRADE

Mobiloil was the lubricant used for the engines of the official Austin Seven team in The Light Car Club's recent Relay Grand Prix at Brooklands.

Capt. A. J. Barlow, until recently assistant secretary of the Society of Motor Manufacturers and Traders, has been appointed secretary of the Air League of the British Empire.

Lodge Plugs, Ltd., inform us that Kaye Don used Lodge plugs in the Rolls-Royce engines of "Miss England II" when he broke the world's motor boat speed record at 110 m.p.h.

We understand that balloons released at the recent Exide sports and gala at Clifton Junction, Manchester, have been found at places as far away as Dulmen, Westphalia, and Lingen, Hanover.

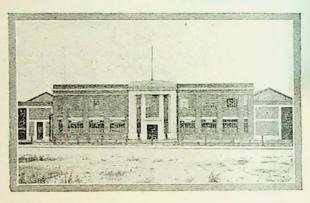
We understand that Middlemores (Coventry), Ltd., who have been manufacturing cycle saddles and accessories for over half a century, have now obtained a controlling interest in S. A. Lamplugh, Ltd., of Tyseley, Birmingham, who specialize in motor and radio goods. For the present, both concerns will retain their separate identities, but both will be conducted from the head office at 89, Little Park Street, Coventry.

A new folder dealing with their Super Easyfit luggage racks and touring equipment has just been issued by Frank Ashby and Sons, Ltd., Bourneville Stamping Works, Charlotte Road, Stirchley, Birmingham. This list is the most comprehensive that has ever been issued by the concern and an idea of its wide scope can be gathered from the fact that details of luggage grids suitable for practically every make of car are given, this involving nearly 900 different stock models.

A London depot at 79, Rochester Row, Westminster, London, S.W.1, has been opened by The Aero Piston Ring Co., Ltd., of Leeds. The depot is controlled by their agents, Henderson Bros. (Motor Spares), Ltd., who are carrying a full stock of Aero rings.

Both the official Austin team which came first, and the mixed team which came second, in The Light Car Club's recent Relay Grand Prix, were running on Dunlop tyres. Dunlops were also used by Dudley Froy when he took first place with a Riley in the 1,100 c.c. class in the German Grand Prix.

Stewart and Ardern, Ltd., the London distributors of Morris cars, have recently taken over The Cunard Motor and Carriage Co., Ltd., Coachbuilders, of Chase Road, Willesden, London, N.W.10. The acquisition of the large and up-to-date works of this concern will greatly facilitate the bodybuilding and bodywork repair activities of Stewart and Ardern, Ltd.



A portion of the works of The Cunard Motor and Carriage Co., Ltd., which has been taken over by Stewart and Ardern Ltd. (see paragraph above).



——— They pay higher spot cash prices than any other dealers for:

Austins,
M.G. Midgets,
Morris Minors,
Rileys,
Rovers,
Singers,
Standards,
Triumphs,

Yes,

Rowland Smith's of Hampstead are the people. By the way, their telephone number is Hampstead 4881 (6 lines).



OUR "AFTER SALE SERVICE"

is worthy of mention in view of the

Three Months' WrittenGuarantee

issued with every car sold by us at over £20.

TERMS. BALANCE UP TO 24 MONTHS

A small selection from a stock of over 150 cars, etc.

MORRIS MINOR. 1931 model. Coachbuilt Sunshine Saloon,
Triplex glass, fully equipped with bumpers, etc. low mileage,
absolutely like brand new. Tax paid. (P.)..

TRIUMPM, 1930, 8 h.p., Gordon England Sports Black Fabric
Saloon, red pneumatic upholstery, hydraulic brakes, safety glass,
full dash, clock, speedometer, negligible mileage, carefully used,
one owner. Absolutely like new. Insurance and taxed (H.)...

MORRIS MINOR, 1930, 8 h.p., Fabric Saloon, chromium fittings,
F.W.B.'s, Triplex, in fine condition, brown finish, low mileage.
(P.)

SINGER JUNIOR, 1929, 4-door Coachbuilt Saloon, F.W.B.'s,
bumper bars, full dash, numerous extras, magnificently finished
Moroon and Black, negligible mileage, one owner. (H.)...
AUSTIN, 1929, Black "Wydor" Fabric Saloon, all equipment,
plush upholstery, most carefully used, very economical little
form, automatic screen wiper, rear mirror, etc., special brown
finish, smart appearance, suitable for a lady. (P.)...

AUSTIN, 1929, Chummy 4-seater, full dash equipment, reginal
maroon cellulose finish. (P.)

JOWETT, 1929 Model, 7 h.p., Black Fabric Saloon, fully equipped, full dash, very economical and roomy car. (H.)

LEA-FRANCIS, 1926, 12 h.p., O.H.V., Sports, 4-door, 4-seater
Tourer, F.W.B.'s, leather upholstery, magnificently finished two
colous, very last and of smart appearance. (H.)

SINGER JUNIOR, 1929, 8 h.p., 2-seater, double sunken dickey,
rigid all-weather equipment, F.W.B.'s, one owner from new.

(H.). Choice of three

AUSTIN, 1927, 7 h.p., Chummy dynamo lighting, self-starter,
speedometer, very fine mechanical condition (P.).

LEA-FRANCIS, 1925/6, 12 h.p., Sports, 4-seater, F.W.B.'s,
beautiful condition throughout (P.)

CITROEN, 1927, 11'9 h.p., 4-seater, fully equipped, beautifully recoachfinished, very sound and serviceable car, bargain. (P.)

SINGER, 1933/4, 9 h.p., 4-door, 4-seater Tourer, dynamolighting,
self-starter, electric horn, luggage grid, magnificently refinished.

(H.). Sallmson, 1924, 9 h.p., 5p

28-30-32, HIGHBURY CORNER, N.5.

22-49, PRAED ST., PADDINGTON, W.2.

'Phone: Paddington 6049 and 6892.

Close 8 p.m. Weekdays. Sundays 10 a.m.-1 p.m.

THIS YEAR'S INCOME

... can only be supplemented EXAMPLES FROM TO-DAY'S STOCK:-

EXAMPLES FROM TO-DAY'S STOCK:

TWO-SEATERS.

Sounds: AUSTIN 7, 1229-30, Taylor aports, dual finish, countless extras. Choice 5 others.

Pounds: A MILCAR, grand aports, 1928, very well equipped, tip top mechanically: Choice 2 others.

Paneds: AE MISTROMO SIDDELEY, 1929, light six (£13 tax), do Luxe 2-scater, sinust as new throughout. Choice 4 others.

Pounds: PAT 1, 1929, asloon coupe, dome back, dual cellulose Pounds: PAT 1, 1929, asloon coupe. Choice 4 others.

Pounds: PAT 3, 1929, de Lusse 2-scater, sunk dickey, bodywork and equipment tip top., Choice 2 others.

Pounds: PAT 9, 1929, 1926, 2-scater, sunk dickey, 4 new tyres, excellent throughout. Choice 2 others.

Pounds: PAT 8, 1829, 1929, sports (Hustrated), wonderfully will equipped, small mileage. Choice 5 others.

Pounds: Lack-FRANCIS, 1929, aports (Hustrated), wonderfully well kept, £15 worth of extras.

Pounds: Model's Misor, 1920, aports (Hustrated), wonderfully well kept, £15 worth of extras.

kept, 215 worth of extras.

85 Founds. MORIS Minor, 1530, Hoyal 2-scater, dual finish, well kept, one-owner.

95 Founds. FEUGEOT 7:17, 1931, 2-scater, sunk dickey, almost unmarked, negligible mileage.

75 Founds. ROVER 10.25, 1928 sports, dual finish, many extras, unusually attractive. Choice 4 others.

95 Founds. ROVER \$20, 1928 ports, laterior and bodywork tip top. excellent tyres. Choice 2 others.

98 Founds. ROVER 10:25, 1930, de Luxe 2-scater, almost as new, many extras.

89 Founds. ELLEY 9, 1928, 2-scater, sunk dickey, all extras and equipment, well kept. Choice 3 others.

95 Founds. ELLEY 9, 1928, 2-scater, sunk dickey, all extras and extras, very distinctive.

55 Founds. EAMBOUX, 1927, grand sports, double camahaft, specially tuned, excellent throughout.

79 Founds. EAMER 8, 1930, de Luxe, dual celluloss finish, unmarked, excellent tyre, spare unusued. Choice 8 others.

95 Founds. EMER 8, 1930, Portock sports, original condition throughout, excellent throughout. Choice 5 others.

70 Founds. EMER 8, 1930, de Luxe, bodywork tip top, 4-speed, excellent throughout. Choice 5 others.

70 Founds. EMER 8, 1930, de Luxe, bodywork tip top, 4-speed, excellent throughout. Choice 5 others.

TOURERS AND SALOONS.

Pounds. AUSTIN 7, 1931 model, Wydor Baloon, full standard equipment. Choice 6 others.

Pounds. AUSTIN 7, 1939, Swallow Saloon, £20 worth of extrast, very amart and distinctive. Pounds. AUSTIN 7, 1931 model, Wyder Baloon, full standard equipment. Choice 8 others.

OF rounds. AUSTIN 7, 1932, Swallow Baloon, £20 worth of extras, very smart and fifth 7, 1932, Swallow Baloon, £20 worth of extras, very smart and fifth 7, 1932, Gordon England fabric Baloon, dome back, trunk on record, dual Solish. Choice 4 others.

Founds. AEMSTRONG SIDDELEY, 1939, light six (£12 tax), 4 door Tourer, pobliss, condition throughout.

Pounds. FIAT 9, 1928-9, 4-door Tourer, leather interior, bodywork into the figure of the figure

by economies ...

If times are hard and money tight you can still have a change of car and yet save pounds and pounds. A Benmotors used car offers you that change together with the complete confidence that you have a sound job and the knowledge that you have saved the enormous depreciation on a new car, which means a lower deposit and lower payments, whilst at the same time you will can the ward of the same time you will get thousands of miles good, honest service, and a car you can be

proud to own.

Seven Days' Trial will prove that our cloims are correct.

Get a definite quotation for your present car or motorcycle today (just fill in below)—it may be worth more to Benmotors.



M.G. MIDGET, 1929 Sports, won-





STANDARD "9," 1928 - 9, Sunshine £79

... by Used Under £100

> 128-130, East Hill, WANDSWORTH, S.W.18. 'Phone: Battersea 2425-2426. Hours: 9.0-8.0; Saturdays 9.0-7.0.

TO MESSRS. BENMOTORS :-Please quote me-with no obligation whatsoever on my part-a definite allowance for my present vehicle as described below, at the same time forward your illustrated lists for my consideration, together with details of your methods of business.

Make of Car or Motorcycle-	Date of Manufacture	Type of Model	No. of Cyls				
Type of Body (or S/c.)—	Condition of Engine—	Rated H.P. IJ O.H.V. or Side-oalve-	Tupe of Lighting— No of Speeds—				
Body Work—	Paint Uphalstery	Tyret-	Taxed till-				
NAME							
ADDRESS							

SECOND-HAND

CARS, CYCLECARS and ACCESSORIES FOR SALE

"Th. Light Car and Cyclecar" deals with its awn type of machine exclusively. Cars with an engine of a cubic capacity exceeding 1,500 c.c. cannot be accepted for its advertisement columns.

RATES.

PATES.

For advertisements in this section: 12 words 2/- (minimum); 2d. per word after. Paragraphs of 12 words or less are charged at the minimum rate of 2s. Subject to a discount of 5 per cent. for 15 consecutive insertions. 10 per cent. for 26, 15 per cent. for 52. Terms Cash with order and otherwise net.

DISPLAYED ADVERTISEMENTS. Scale of charges, with reduction for series, sent on application.

Cheques, Postal Orders, etc., should be made payable to Temple Press Ltd., and crossed "Midland Bank, Ltd., Bedford Row."

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RECULATIONS.

Cofy must be supplied without application from the publishers, and current copy and blocks will be repeated if new copy is not received at the time of closing for press. Orders for advertisements are subject to acceptance in writing from the flead Offices. Advertisement copy is subject to the approval of the publishers, who also reserve the right to reject any advertisement in whole or in part referring to care or accessories which in the opinion of the publishers are outside the scope of the journal. All advertisements and contracts are accepted and made upon the express condition that the publishers have the absolute right to refuse to insert copy to which they may object for legal, public or trade reasons, and such refusal of copy shall not he a good ground for advertisers to stop a current contract or to refuse to pay for the same or for taking action for breach of contract. The Proprietors, whilst endeavouring to ensure that advertisements shall appear with all possible regularity, will not be held liable for any loss occasioned by the failure of any advertisement to appear from any cause whatever. Series orders are only accepted as firm contracts, that is, no cancellation of a series contract will be accepted by us either on payment of difference of rate or otherwise. The acceptance of an order does not confer the right to ronew upon similar terms. Contracts relate to the advertiser's own any way. Conditions which are contained in order forms other than those of the Proprietors, and which do not conform to, or are in addition to the Proprietors' conditions, will not be recognized as binding. Special conditions must be subject to mutual agreement.

NOTICES.

BOX NUMBERS.—Advertisers desiring to have replies sent care of "The Light Car and Cyclecar" may do so on payment of a nominal lee of 6d. to cover booking and cost of forwarding such replies. The words "Box , c/o The Light Car and Cyclecar," count part of the advertisement.

words "Box , c/o 'The Light Car and Cyclecar," count part of the advertisement.

DEPOSIT SYSTEM.

For the convenience and security of our readers we have an approval deposit system. The intending buyer forwards to our office the amount of the purchase money, which will be acknowledged to both parties. Notes of Money Orders save time. Cheques must be made payable to Temple Press Ltd., and crossed "Midland Bank, Ltd., Hedlord Row," and are acknowledged to seller when "cleared." If a sale is concluded we forward to the seller the amount agreed upon. If no sale is made we return the amount deposited. In either case we deduct a commission of 1½ per cent. (3d in the £, 2s. 6d. minimum) on amounts desposited up to £50, 1 per cent. on amounts from £50 to £100, and per cent. on amounts exceeding £100, to cover our expenses of booking, postages, etc. Carriage is to be paid by the buyer. If the article is returned each party pays one way. The risk of damage in transit is the seller's. Articles on approval are not to be retained more than three days, unless by arrangements between the parties. All disputes to be seller's. Articles on approval are not to be retained more than three days, unless by arrangements between the parties. All disputes to be seller's. Articles are only written on our special headed paper, which hears a lacsimile of the title of this journal. To prevent fraud, the advertised should ACKNOWLEDGE IMMEDIATELY any such letter apparently coming from us, and delay forwarding the goods for a day or so. Should we, on receiving such an acknowledgment, find that no letter has been sent by us, we will wire the advertiser not to part with the goods advertised.

CLOSING TIME.

CLOSING TIME.

Copy for and all matter relating to advertisements must reach our Head Offices first post Tuesday, and should be addressed to G.P.O. Blox 147, "THE LIGHT CAR AND CYCLECAR," 5-15, Roseburus Avenue, London, E.C.1. If proofs of displayed advertisements are required, copy should be forwarded in sufficient time to allow of it being submitted and returned.

Whilst every precaution is taken to ensure accurate printing, the publishers will not be responsible for printers' errors, or for errors arising out of telephonic instructions relating to advertisement copy, nor will they be responsible for advertisement blocks destroyed by fire or that are left in their possession for more than one year.

Lasets, to conform with G.P.O. regulations, must be printed by Temple Press Ltd., the responsible printers of the journal.

Head Offices: 5-15 Rosebery Avenue London. E.C.L.

Head Offices: 5.15, Rosebery Avenue, London, E.C.I.
Inland Telegrams: "Pressimus, Holb, London."
Cables: "Pressimus, London."
Telephone: Clerkenwell 6000 (Private Exchange).
Other Business and Editorial Netices and Subscription Rates will be found at the end of this section.

Owing to postal delays and irregularities it is advisable to post advertisements EARLY ON MONDAY so as to ensure as far as possible that they reach us by the FIRST POST on Tuesday. Lately several advertisements have been received too late for inclusion although dispatched on Monday.

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE

A.C.s, under £100. See page 22.

A.C. Carlton Garage. 1924 2-scater, just painted, 16 guineas; terms, exchanges. 79 Carlton Vale, Kilburn. Open Sunday mornings. 974-398

A.J.S. 9, 1931 fabric saloon de luxe, 4-door, splendid condition. A.A. inspection invited, £159. Taylors, 49 Sussex Place, South Kensington Station. Kensington 8841.

AMILCARS. Amilcars (Gt. Britain), I.td., 95 High Holborn. W.C.1. Large stock of used Amilcars from £50. Chancery 8623. zzz-167

AMILCAR, 1928 Surbaisse super sports, streamlined, long tail, exceptional order throughout, £85. Denmans, 132-5 Long Acre, W.C. Ocen week-ends. Temple Bar 8135-6-7.

AMILCAR, 1928, 9hp, Grand Sports 2-seater, £75.

1926, 9hp, Grand Sports 3-seater, £45. Open Sunday mornings change and deferred. Bartlett, 27a Pembridge Villas, Notting Hill

AMILCAR, 1925, 3-scater Grand Sports, fabric body, leather upholstery, dynamo and starter, pressure oiling, 4 new tyres, bargain, £30. Earl, 75 Heath St., Hampstead, N.W.3. Open until 1 on Sundays. 94-1176

AMILCARS, under £100. See page 22.

AMILCAR, extremely smart 1927 grand sports 2-scater, specially tuned throughout, Laystall balanced, high-compression head, special valves and pistons, special carburetter and magneto, genuine 76 mp.h. guaranteed, quiet gearbox and axle, very powerful f.w.b., Hartford shock absorbers, tyres good, just cellulosed black and red, chromium plated, numerous extras, taxed, exportly maintained in perfect order and capable of an exceptional performance, £70 or exchange. "Shelley," Ansty Road, Walsgrave, Coventry.

AMILCAR, 8hp, 1925 sports 2-soater, finished dual colour, f.w.h., very fast, £32; exchanges, terms. Norrington's, 245 Goldhawk Rd., Shepherd's Bush, W.12. Open Sunday mornings. 974-185

AMILCAR. See the Naylor and Root bargains on page 20.

ARMSTRONG. £85111 1929 6-cylinder 2-seater and double dickey, Triplex glass in windscreen, 3 brand-new tyres, paintwork unscratched, exceptional bargain. Morgan Hastings, Ltd, 212 New King's Rd. (opposite Futney pringe Stationi, S.W.o. Tel., Putney 7611. zzz-515

ARMSTRONG SIDDELEY, 1929 12hp 6-cylinder saloon, taxed year,

Paul and Co., 114 Gt. Portland St. Museum 4117.

AUSTIN authorized main dealers, Immediate delivery of all models, new and second-hand, in stock; exchange and deferred terms il desired. Beechings, Ltd., Faraborough, Hants. Telephone 279. zzz-718

AUSTIN 7. We have several saloons and tourers for disposal, prices ranging from £35 to £100. All cars offered are in good condition. Deterred terms. Ingrave Motors, Ltd., Ingrave St., Clapham Junction, S.W.11. Battersea 5360.

AUSTIN 1930 saloon, coachbuilt, excellent condition, any trial, £75. Cars supplied on repurchase basis, on low deferred terms. Ask for particulars. Normand Garage, Ltd., 489 Oxford St., W.1. Maylaid 6801-2, Open until 6 p.m. Saturdays.

AUSTINS. Taylors selected bargains in Austin 7s.

1927 chummy, thoroughly reliable, £35.

1923 fabric saloons, from £45.

1929 Mulliner saloon, good condition, £75.

All cars offered with 7 days' free trial and subject to A.A. inspection.

Taylor, 49 Sussex Place, South Kensington Station. S.W 7. Ken. 8841.

AUSTIN 7s. Andrews Automobiles for Austin 7 bargains.

AUSTIN 7, 1927-30, tourers and saloons, £40 to £90, ready for the toad, taxed, insured, and guaranteed 3 months; simplest hire-purchase scheme in existence. Write for list of 100 light cars, or call.

Andrews Automobiles, 37 Sheen Lane, Mortlake (Station). 'Phone, Richmond U576.

AUSTIN 7, 1930 saloon, 1931 series, absolutely first-class condition, accept £89; cash, exchanges, deferred: 10 other small cars and shopsoiled bargains, write for list. Whithy's, 7 The Vale, Acton, W.5. 974-271

AUSTIN 7, 1931 saloon, sliding root, coachbuilt, reduced during our sale to bargain price £99. Whitby's, 7 The Vale, Acton, W.3. 974-272

AUSTIN 7, 1929 chummy, 4-seater, beautiful order and condition, £60; also very nice 1927, complete and taxed, £35; exchanges or deferred. Commings, 101 Fulham Rd., London, S.W.3. 974-267

AUSTIN 7, 1930 saloon, Triplex, 'mileage 8,000, U-type Zonith, £82 10s. Below.

AUSTIN 7 G.E. Brooklands special, 1928, entirely rebuilt (second, 1928 200 race), not yet run in, £67 10s. Below.

1926 chummy, taxed year, excellent condition, £32 10s. Paul and Co. 51 and 53 The Mall, W.5. Ealing 4633.

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued)

AUSTIN 7s. Carlton Garage. 1928 Cup sports, new tyres, 53 guineas; 1929 model Wydor saleen, 53 guineas; 1930 Wydor saleen, nice order, 89 guineas. Terms, exchanges. 79 Carlton Vale, Kilburn Open Buddy mornings. 974-599

AUSTIN. Newnhams, as Austin agents, always have an excellent selection of used models of this make available. Few examples below but full that on request.

1931 7hp coachbuilt silding-roof saloon, blue, moderate mileage and very attractive, £95.

1931 7hp sports 2-seater, dark blue, particularly pretty little car, £89.

1930 7hp coachbuilt saloon, marcon, beautiful condition throughout,

1928 7hp coachbuilt saloon, stone and brown cellulose, nice appearance and very sound, £47.

1928 7hp chummy model, blue, very good order, £39.

Newpham House, 237 Hammersmith Rd., London, W.6. Riv. 4646. 974-222

AUSTINS, under £100. See page 22.

AUSTIN 7, 1929, tourer, small mileage, 58 guineas. Denmans. 132-3 Long Acre. W.C. Open week-ends. Temple Bar 8135-6-7. 974-336

AUSTIN 7. Arrow sports, cost £175, small milenge, £95. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7.

AUSTIN 7. Steele Griffiths, 1931 saloon, taxed, shopsoiled, £110.
Abbey House, Victoria St. (lacing Westminster Abbey). 974-407
974-407

AUSTIN 7 Steele Griffiths, 1930 coachbuilt saloon, £89. Court Heuse, Camberwell Green, S.E.5. Rodney 2201. 974-405

AUSTIN 7. Steele Griffiths, 1929 saloons, choice of 3, from £55. 8.G. Honse, Camberwell Green, S.E.S. Rodney 2201. 974-412

AUSTIN 7 Steele Griffiths 1929 Swallow saloon, taxed, £95. S.G. House, Camberwell Green, S.E.5. Rodney 2201. 974-413

AUSTIN 7. E. A. Cullum, A.M.Inst.B.E., M.I.M.T., offers:-

Chummy, mileage under 10,000, taxed and insured, unused during winter, exceptional condition, £45. 36 High St., Eton. Phone, Windsor 308.

AUSTIN 7, only slightly soiled, 1931 2-scater sports, delivered new from makers, July 2nd, 1931, guaranteed, mileage 1,200, taxed and several extras, cost about £130 4 weeks ago, our special price, £110; exchanges and deferred terms. Waldron Motor Mart, 645 Garratt lane, Earlsfield, S.W.17. 'Phone, Wimbledon 0607. 974-397

AUSTIN 7. £25, special sports 2-seater, in red and black, taxed and instred. Below.

£15, chummy, good tyres, taxed and insured. Below.

£37 10s., 1926 Jarvis 2-seater, finished in two-tone green, starter, lights O.K., good tyres. Below.

£32 10s., 1925 2-seater, flared wings, good tyres, taxed. Below.

Terms and exchanges. Cross and Co., 54 Durham Rd., S.W.20. 'Phone, Wimbledon 2558.

AUSTIN. Protect yourself with a 3 months written guarantee. Exchanges, terms over 24 months. Kirk and Co. Below.

AUSTIN, 1929 black Wydor fabric saloon, all equipment, plus upholstery, most carefully used, very economical little car, £65. Kirk. Below.

AUSTIN, 1929, chummy 4-seater, full dash equipment, f.w.b.s, automatic screen wiper, etc., rigid all-weather equipment, original maroon cellulese finish. £57 10s. Below.

AUSTIN, 1927, 7hp chummy, dynamo lighting, starter, speedometer, very fine mechanical condition, £39. 150 other cars. Kirk and Co., 22.49 Praed St., Paddington, W.2. Close week-days 8 p.m. Sundays 10 a.m. to 1 p.m.

AUSTIN 7, 1929 4-scater, recellulosed maroon, full all-weather equipment, excellent tyres, beautiful order throughout. £62 10s.; exchanges, deferred payments. Humphreys, Ltd., 120-2 Hampstead Rd. N W 1 (2 mins. Euston Station). 'Phone, Museum 9515. 974-360

AUSTIN 7 1925 chummy, good mechanically, £27. G. J. Shaffer and Co., 82 Cricklewood Lane, N.W.2. Cladstone 3311. 974-365

AUSTIN 7 fabric saloon, £45 with sunshine roof, taxed, safety glass, any trial; exchanges and deferred terms. Waldron Motor Mart, 645 Garratt Lane, Earlsfield, S.W.17. Thone, Wimbledon 0607. 974-396

AUSTIN 7, 1926, chummy, starting and lighting, rigid side screens, aquare hood, 2 new tyres, 223. Earl, 75 Heath St., Hampstead, N.W.3. Open until 1 on Sundays.

AUSTIN 7, The Light Car Co. offer special sports bargain. Below. 1929 B.C. Austin 7, cycle wings, specially tuned engine, 2 carburetters, tax paid, attractive car with real performance £95; exchanges and deferred terms. 404 Euston Rd., N.W.1. Museum 2122, 974-393

AUSTIN 7, 1928 Mulliner saloon, £47, tyres, appearance and condition almost as new. 181 The Grove, Goldhawk Rd., W.6. 974-368

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued)

AUSTIN, 7hp, 1929, Mulliner coupe, taxed December, £65. Bruton Garages, Ltd., 4 Bienheim St., New Bond St., W.1. Maylair 4737. 974-375

AUSTIN 7, 1929 Wyder saloen, black and red, condition and appearance 28 new, small mileage, many extras, taxed and insured. £65 or oxchange. 3598 Goldhawk Rd, W.6. Riverside 5113.

AUSTIN 7. Brooklands Motor Co. offers: 1931 fabric saloon, upholstered in leather mileage under 1,000, used for demonstration purposes only. £112 10s.; exchanges, deferred. 331 Euston Rd. N. W. 1.
Museum 3143-4.

AUSTIN 7, 1925 coupe, taxed, excellent condition, £35. Below. Paul Sawyer and Co., 130 Gt. Portland St. Museum 1925.

AUSTIN 7, £5 deposit: 45 gns. cash. Late 1927 Gordon England Cup, black and red, very good condition; free year's tax, free insurance to cash buyers. Exchanges. Rowland Smith. Below.

AUSTIN 7, £9 deposit; 95 grs. cash. 1931 coachbuilt saloon, opal blue, sliding roof, one owner, practically brand new conditions free tax, free insurance to cash buyers. Exchanges. Rowland Smith. Below.

AUSTIN 7, £7 deposit; 75 guineas cash 1930 Wyder labric saloon, maroon, exceptional condition; free tax, free insurance to cash buyers; 100 cars in stock; list free exchanges. Open all weekdays, including Saturdays, 9-8; Sundays, 9-1. Rowland Smith, 78-81 High 8t. Hampstead. One minute Hampstead Tube. 'Phone, Hampstead 4881, 974-155

AUSTIN, 1927 chummy, very good condition, £35; also choice of two 1928 models from £49. Exchanges and deferred, Naylor and Root, Ltd., 25 East Hill, Clapham Junction, S.W.11. 'Phone, Batter-sea 6187-9.

AUSTIN 7 specialists, H. Glover-Motors have large selection of used models at all times ready for your trial and examination. 5-5 (helverton Rd. Putney 7134. (Open Sunday morning) 974-140

AUSTIN. 1928 7hp tabric saloen, good tyres, engine just overhauled, one change of ownership only, £55; exchanges, casy payments. Becchings, Ltd., Farnborough, Hants, Telephone 279.

AUSTIN 7, 1930-1 Swallow saloon, one owner and driver, faultless condition, total mileago 5,250, 120 guineas. The Western Moler Works (Chislehurst), Ltd., Chislehurst. Sideup 1300-1. 975-534

AUSTIN 7 Swallow sports, August. 1929, black and green, nerlect condition, £80. Arlington Crescent, E.S. Clissold 8013. 974-x763

AUSTIN 7 1930 saloon, one owner, remarkably excellent condition throughout, written guarantee, taxed, unique deferred terms. £75. 516-522 Streatham High Rd., S.W.16. 'Phone, Pollards 4444. 974-117

AUSTIN 7bp. A. Rix offers: 1931 coachbuilt sunshine ion, in very nice crder, £112 10s. 153 Euston Rd., N.W.1. Muscum 1618. Open 8 p.m. and 1 p.m. Sundays.

AUSTIN. Smith conditioned spells safety for used-car buyers.

AUSTIN 7. 1928-9 saloons, choice of several, from £65.

AUSTIN 7. 1930, coachbuilt saloon, colour kingfisher blue, only done small mileage, deposit £20, balance £75.

F. G. Smith (Motors), Ltd., Goodmayes, Illord. 'Phone, Seven Kings 1000 (7 lines).

AUSTIN 7s. "There's no place like Holmes." Special show and sale of saloon. We invite companison with any other firm in Loudon. These cars are overhauled and will maintain our reputation for entire satisfaction. 1930 Wyder saloon, black and red, perfect car. £90; 1929 Wyder saloon, one owner, engineer, faultless, £75: another, £78: 1928 Mulliner saloon, blue, very clean, mechanically perfect, £65; another, a real bargain, £55; also 1928-9 (October) Cup model, blue and red, magnifecent performance, £65: 1928 tourer, very good car, £45; 1927 tourer, very smart, £59: easy terms, including insurance, exchanges. Herbert W. Holmes, 29 Foley St., Gt. Portland St. Museum 1414.

AUSTIN 1930 Swallow 2-scater, perfect throughout, several extras, taxed and insured year, £130 or nearest offer, any trial. Wetjen, Redroots, Fitzjames Avenue, Addiscombe. Addiscombo 2756. 974-g134

AUSTIN 7 sports 2-seater, 1925, dynamo lighting, starter, speedometer, clock, all-weather equipment, etc., practically unworn tyres, recently renovated throughout, absolutely perfect appearance and mechanical condition, bargain, £24. 73 Atkins Road, Balham, S.W.12, 974-g173

AUSTIN 7. Ruffell's Motors for Austin 7s.

1929 Wydor fabric sunshine saloon, small mileage, new condition, £62 10s.

1928 coachbuilt saloon, exceptional condition throughout, £48.

1927 G.E. fabric chummy, super-tuned engine, engineer owned, £36.

1925-6 Tourers, fully equipped and in really sound condition, £20 to £26.

Exchanges, hire-purchase. Open Sundays 1.30.

Ruffell's Motors, White Hart Lane, Barnes, S.W.13. Prospect 5549 974-218

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

AUSTIN 7 1931 coachbuilt saloon, fitted aunshine roof, nearly new, very small mileage, £99; part exchange and deferred terms. British and Colonial Motors, Ltd., 8-9 Long Acre. Temple Bar 3605. 974-85

AUSTIN 7 1930 Swallow saloon, taxed, £115. Below.

AUSTIN 7 1929 Stadium 2-scaler, 207 10s.; terms, exchanges. Page, 199b Upper Richmond Rd., near High St., Putney. 974-215

AUSTIN 7 Cup 1928, new tyres, taxed, exceptional condition, £45; exchanges, deferred. Allery and Bernard, 344 King's Rd., Chelsea. Flaxman 4633.

AUSTIN 7. If you are looking for a good second-hand Austin 7 tourer or soloon, write to-day for Premier's latest bargain list. Splendid selection of overhauled and guaranteed models at the right prices. Free delivery, extended terms. Premier Motor Co., Aston Rd., Birmingham. 974-241

AUSTIN 7. 1931 sunshine saloon, practically new taxed £105. Lionel H. Pugh, 56 South Molton St., W. Maylair 4433. 974-148

AUSTIN 7, 1931 coachbuilt sunshine saloon, dark blue, leather upholstery, used for few demonstrations, £122. Below.

1931 model fabric saloon, black-red line, leather upholstery, clean condition throughout, guaranteed, £90. Bolow.

1930 sunshine saloon, new April, mileage 7,200, grid, spotlight, first-class order, £90. Below.

1930 sunshine coupe, coachbuilt, 2-tone body, small mileage, as new taxed year, £85. Below.

1929 Stadium 2-scater, bronze-brown, very small mileage, any trial and guarantee, £80. Below

1929 (July) Mulliner saloon, brown, nover changed hands, mileage 11,000, clean and attractive, taxed December, £72. Below.

15729 Wyder saloon, black-red, 4 good tyres, electric and bulb horns, petrol can and carrier, very attractive, £65. Below.

1928 Mulliner saloon, blue-lack, moquetto upholstery, new tyres, A.1 order, taxed year, £58. Below.

1928 (June) Gordon Cup 2-seater, black-green, 4 new tyres, Triplex, very attractive, £52. Below.

1928 4-seafer, very sound mechanically, just coach-painted brown, one change ownership, £45. Below.

1927 (July) Gordon Cup 2-scater, dark green, £20 extras, superbly kept, faxed December, £50. Below.

1927 4 seater, kingfisher blue, step mats, 2 horns, mirror, automatic wiper, very well preserved, £38. Below.

192614 4-seater, rigid sidesercens, maroon, very fully equipped, taxed September, insured, £35. Below.

1925 [May] 4-seater, grey, speedometer, now balloons, automatic wiper, taxed, insured 1932, particularly well-kept, £30. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8 Saturday 6, Sunday 10-1. 974-209

AUSTIN 7. 1930 model 2-scater, taxed year, mechanically perfect, £75. Below.

1930 model Swallow saloon, taxed year, beautifully kept, small mileage,

1928 Gorden England Cup model, taxed, good tyres, excellent mechanical condition, £52 10s; motorcycles in part, deferred terms. Broadway Motors, 19 Woodstock St., Oxford St., W.1. Maylair 5489.

AUSTIN 7 1928 Gordon England saloon, leather unholstery, exceptional condition throughout, good tyres, taxed, £45. Below.

AUSTIN 1928 chummy, excellent condition throughout, all new tyres, taxed till end of year, £40. Haskins, 155 Ladbroke Grove, North Kensington, W.10, adjoining the Metropolitan Station. Park 554).

AUSTIN 7 tourer, 1931, taxed, £85. 117 Upper Gresvenor Rd., Tunbridge Wells, or Hop 5500. 974-g163

AUSTIN 7, 1931 saloon taxed year, mileage 3,000 only, condition as now throughout, £105. Below.

AUSTIN 7, 1930 Wydor coachbuilt saloon, taxed year, £67 10s.

Paul and Co., 114 Gt. Porlland St. Museum 4117.

AUSTIN 7, 1928 tourer, excellent appearance and condition, taxed and insured, £50. Below.

AUSTIN 7, 1928 Gordon England Cup 2-scater sports, finished red-black, splendid condition, £52. Below.

AUSTIN 7, 1929 model Mulliner fabric saloon, exceptionally good condition throughout, taxed and insured, £65. Below.

AUSTIN 7, 1930 tourer, finished blue, almost new condition, taxed December, £72; another at £68; exchanges, terms. Norrington's, 245 Cotthaw'c Rd., Shepherd's Bush, W.12. Riverside 2365. Open Sunday mornings, 974-187

AUSTIN. See the Naylor and Root bargains on page 20.

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

AUSTIN 7, 1929 Wydor fabric saloon, black and red, in very good condition, £65. II. and A. Motors, 69 Church Rd., Upper Norwood. Livingstone 3122, (Open Sunday 11-1 p.m.) 974-176

AUSTIN 7. 1931 supercharged Brooklands 2-seater, as brand new, mileage under 3,000, a genuine 85-milean-hour car, £165; exchanges, deferred. Empire Motors, 506 High Rd., Chiawick. Phone 0305.

B.S.A. 3-wheelers from Hackford Motors, Ltd.

B.S.A. Let G. A. Norchi demonstrate this fine engineering job to you, the easy running will amaze you.

B.S.A. from Hackford Motors, Ltd., for exchanges and easy terms. 183
Acre Lane, Brixton. 'Phone 3062.

BUCATTI, 11.9 2-scater, really exceptional condition, £32 10s. Metro Motors, 45 Newman St., W.1. Muscum 9953. 974-362

BUCATTI. We specialize in these cars. 1929, 1928 and 1927 in stock. Written guarantee with every car. Largest stock of sports cars in Great Britain. Onen Sunday morning. Exchanges, deferred. Bartlett, 27a Pembridge Villas, Notting Hill Gate. 974-328

PUGATTI, 1926 modified @rescia, special Jarvis 2-seater sports body, ball-bearing engine, brand-new tyres all round, tax paid, overhauled perfect condition throughout, £47 10s.; exchanges or deferred payments. C. and K. Motors, 5 Putney Bridge Rd. Putney 2728.

974-166

BUGATTI. Smith-conditioned spells safety for used-car buyers. 1930 Grand Prix 1,500 c.c. 4-cylinder, with high-compression overhead camshalt engine, coil ignition, 4-speed close-ratio gearbox, Rudge Whitworth wire wheels and spare, tyres all in new condition; cited with standard all-aluminium racing Bugatti body, large racing petrol tank, 14 gallons capacity; fitted with windscreen and quickly detachable close-up wings, ready for touring or racing; exceptionally fast. Deposit £40, balance £175. F. G. Smith (Motors), Ltd., Goodmayes, Ilford. 'Phone, Seven Kings 1000 (7 lines).

CITROEN, £30, 1927, 12-24hp, 4-door saloon, complete equipment, new tyres, exceptional condition; exchanges, deferred, 86 Acre Lane, Brixton. Phone 3401, 974-g187

CITROEN, 7hp 4-seater, late 1925, overhauled, splendid condition, insured, £15. 4 Dinsmore Rd., Balham. 974-g175

CITROEN 7a, 1926, 2 and 4-scaters, overhauled and in sound condition, £15 to £20. Ruffell's Motors, White Hart Lane, Barnes.
Prospect 5549. 974-217

CITROEN, 1925, 11.4 English 2-seater, double sunk dickey, good balloons, first-class running order, £15. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011 Evenings 8, Saturday 6, Sunday 10-1.

CITROEN, 1927-8 2-seater, very smart and clean, £35. Denmans, 132-3 Long Acre, W.C. Open week-ends. Templo Bar 8135-6-7.

CITROENS, under £100. See page 22.

CITROEN, 1927, saloon, overhauled and fitted new tyres, repainted, 40 m.p.g., \$30. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7.

CITROEN 7. 1925 (late) Oloverleaf, smart and sound, taxed, £12 10s. E.S. Motors, 325 High Ra, Chiswick, W.4. Chiswick 2246. 974-420

CITROEN 7, 1926, 3-seater, starting and lighting, balloon tyres, in quite good condition, £7 10s. Earl, 75 Heath St., Hampstead, N.W.3. Open until 1 on Sundays. 974-1175

CITROEN, £12; exchanges!!! 1925-6 7hp cloverleaf 3-seater, excellent condition. Chidley, 579b High Rd., Tottenham. 'Phone 2920, 974-325

CITROEN 7hp. £15. Cloverleat 3-seater, excellent condition throughout, including tyres, open to any examination and trial, Jarvis and Sons. Ltd., Victoria Crescent, Wimbledon. 'Phone 2526. 974-96

CITROEN, 1925, 7hp 2-scater, 4 nearly new balloon tyres, good bood, excellent appearance and condition; exchanges; easy payments; £14. Beechings, Ltd., Farnborough, Hants. Telephone 279. 974-139

CLYNO coupe, £25; 1926-27, 12-24hp, Mulliner body, t.w.b., low mile-age, excellent order; exchanges. 86 Acre Lane, Brixton. 'Phone 3401, 974-g190

CLYNO 9, 1929 tourer, as new, taxed year. £55; terms, exchanges. Page, 199b Upper Richmond Rd., near High St., Putney. 974-214

CLYNO, 1928. 12-35. 5-seater, marcon, 3 new Michelins, wings repainted, splendidly kept, £35. Below.

1927 (February) 4-scater, f.w.b., blue, clean and well kept, owner taking saloon, £22 (£8 down, balance instalments). Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8, Saturday 6, Sunday 10-1. 974-201

CLYNO 10, 1926 4-door saloon, f.w.b.s and full equipment. a good, sound, reliable car, taxed, 16. Central Auto Service, 15-17 Putney Bridgo Rd., Wandsworth. 'Phone, Putney 4466. Open Sundays.

LIGHT CARS AND CYCLECARS FOR SALE (continued).

CLYNO, 1925, 4-scater, tax paid, brand-new tyres all round, entirely overhauled, £10: exchanges. C. and K. Motors, 5 Putney Bridge Rd. Putney 2728.

CLYNOS. Andrews Automobiles for Clyno bargains,

CLYNOS, tourer and saloons, £10 to £60, ready for the road, taxed, insured and guaranteed 3 months, simplest hire purchase scheme in existence. Write for list of 100 light cars, or call.

Andrews Automobiles, 37 Sheen Lane, Mortlake (Station). 'Phone, Richmond 0576.

CLYNO, 9hp, 1928 chummy, 4-scater fabric body, f.w.bs., excellent mechanically, £25. Below.

CLYNG, 1926 Royal tourer, leather upholstery, very good condillon throughout, £18; exchanges, terms. Norrington's, 245 Goldbawk Rd., Shepherd's Bush, W.12. Open Sunday mornings. 974-106

CLYNO 9, 1929 fabric saleen brown, in very good condition, £50. H. and A. Motors, 69 Church Rd., Upper Norwood. Livingstone 122. (Open Sunday 11-1 p.m.)

CLYNOS, under £100. See page 22.

974-106

FIAT £35, 1928, 11hp, 4-scater, leather upholstery, complete equipment, taxed, insured comprehensively till February, excellent conditions exchanges, deferred. 86 Acre Lane, Brixton. 'Phone 3401, 974-3186

FIAT, £50; 8hp saloon, late 1927, last and sound. Denmans, 132.5 Long Acre, W.C. Open weck-ends, Temple Bar 8135 6-7. 974.349

FIAT. Carlton Garage. 1926 10hp drop-head coupe, 29 guinoas; terms, exchanges, 79 Carlton Vale, Kilburn. Open Sunday mornings. 974-400

FIAT 9, 1928 model 4-seater, f.w.b.s and full equipment, tax £8. exceedingly nice condition. £40; Ierms, exchanges. Central Auto Service, 15-17 Putney Bridge Rd., Wandsworth. Phone, Putney 440b. Upen Sundays.

FIAT. See the Naylor and Root bargains on page 20. 974-148

FIAT, £12 10s.: 1925 10-15 tourer, sound condition; taxed; bargain. Ward and Co., 5 Upper Richmond Rd. East Putney 2818, 974-381

FIAT, 1925, 10-15 4-seater, splendld order and condition, complete and taxed for year, bargain, £25; exchanges or delerred, Cummings, 101 Fulham Rd., London, S.W.3.

FIAT. Smith-conditioned spells safety for used car buyers.

FIAT 9, sports coupe, 1930, colour scheme blue with red piping lines, excellent condition, by last, deposit £55, balanco £100.

FIAT, 1929, Swr as aloon, engine just been rebored, a most attractive car in green and cream, very last, deposit £25, balance £100. F G. Smith (Motors), Ltd., Goodmayes, Illord. Phone, Seven Kings 1000 (7 lines). 974-92

FIATS, under £100. See page 22.

974-107

FRAZER-NASH Cars offer for sale a number of used cars, including 1928 Boulogne 3-scater, 1928 Boulogne model with special 4-scater fabric body Interceptor model I. 2-scater, black fabric body, green chassis, wheels and upholstery, 4 speeds. London Rd., Isleworth. Hounslow 3171-2.

GWYNNE, £59!!! 1928 10-40 sports 2-seater and dickey, Perret lw.b. Denmans, 132-3 Long Acre, W.C. Open week-ends, Temple Bar 8135-6-7. 974-341

CWYNNE 8. late model, 2-3-seater, lighting, starter and numerous extras, beautiful order and condition, £18; exchanges or deferred, Cummings, 101 Fulbam Rd., London, 8.W.S. 974-266

NUMBER. 1929 (July) 9-28 coachbuilt saloon, tw.n., leather upholstery, perfect throughout, taxed December, 135 guineas. Lees and Bennett, 40 Linhopo St., Upper Park Place, N.W.1. Paddington 9550.

JOWETTS. 1928 long 4 scaters and 2-scaters, £75; 1929 short labric salcons, £86; 1929 long labric salcon, £100; 1921 4-scater, as new, £90; and several other Jowetts. Westminster Bridge Garage and Eng. Co., Ltd., 5 Lambeth Palace Rd., 8.E.1. Hop 1665. 222-85

JOWETTS. Manchester. 1927, 1928, 1929 and 1930 saloons, tourers and 2-seaters, always in stock. Main distributors, Saxon Jefferis. Ltd., Deansgate. 'Phone, 1010 Central.

JOWETT. Chingtord Automobiles, Ltd., distributors and engineers. Trade supplied. Opposite Chingford Station. Tel., Silverton 1052. 984-525

JOWETT, 1927, Juli 4-seater, blue, grid, 3 new Dunlops, electrical equipment, perfect, £30. Below.

1926 (July) full 4-scater, blue, never changed hands, numerous extras, exceptionally well kept, £25. Helow.

1923 2-seater, dickey, starter, complete and in running order, £12, £53 down, balance 10s. week.) Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8, Saturday 6, Sunday 101. 974-195

LIGHT CARS AND CYCLECARS FOR SALE (continued).

JOWETT, 18211 1930 saloon, unsoiled, small mileage, tax paid. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8:35-67. 974-3.58

JOWETT. £22. 1924 long tourer, repainted new hood, tyres retreaded, taxed Sept, insured July 1932. Dec. 70 Blenheim Crescent, S. Croydon. 974-g225

JOWETT, 1929 long 4 scater, in splendid condition, £45; carlier models from £15. Buntings Jowett Agency, Wealdstone. 974-373

JOWETT, £27 10s., 1927 long chassis, taxed, exceptionally good condition, bargain. Ward and Co., 5 Upper Richmond Rd. East Putney 2818.

JOWETT, 1929 saloon, one owner, faultless condition, 55 guiness; exchanges, deferred. 368 Hornsey Rd., N.19. Archway 3294, 974-395

JOWETTS. Andrews Automobiles for Jowett bargains .-

JOWETTS, £15 to £35, resulv for the road taked, insured and guaranteed 3 months; simplest hire-purchase scheme in existence. Write for list of 100 light cars, or call.

Andrews Automobiles, 37 Sheen Lane, Mortlake (Station). 'Phone, Birthmond 0576.

JOWETT. £4 deposit. 39 guineas cash. Late 1928 7hp long 2-scater, blue, carefully used, exceptional condition, free tax, free insurance to cash uyers. 100 cars in stock. List free. Exchanges. Open all weekdays, including Saturdays, 9-8; Sundays 9-1. Rowland Smith, 78-81 High St. Hampstead One minute Hampstead Tube. Physical Physics 156 (2014) 156

JOWETT. P.O.C.II. Jowett Distributors and Specialists. Full range new and second-hand in stock. Below.

F.O.C.II. 1929 7hp ng Black Prince fabric salcon, 4 doors, f.w.b., wire wheels, bumpers one owner, very carefully used, exceptionally good andition, taxed, 75 guineas, Below.

F.O.C.H. 1927 long 7-seater, blue, starter, new hood, automatic sercenwiper, excellent condition, taxed, 23 guineas. Below.

Fifteen Jowetts in stock; new and secondhand.

Exchanges, deferred. Free list. F.O.C.II., Ltd., 5 Heath St., Hampstead. Open all weekdays, including Saturdays, 9-8; Sundays, 9-1, Hampstead 2215.

JOWETT. 1927 (June), 4-seater, reliable condition throughout, fully equipped, good set of tyres, bargain, £26. 516-522 Streathum High Rd., S.W.16. Phone, Follatds 4444.

JOWETT, 1929, long saloon, taxed, excellent condition, leather upholstery, original tyres, 65 guineas, bargian. Roberts, Tailor, Alton, Hants, 974-215

JOWETT. Smith-conditioned spells safety for used-car buyers.

JOWETT, 1926, 4-scater, £30.

JOWETT, 1929. 4-scalor, blue, deposit £15, balance £50.

F. G. Smith [Motors], Ltd., Goodmayes, Illord. 'Phone, Seven Kings 1000 (7 lines). 974-93

JOWETT, 1928 (Jum.) long tourer, completely overhauled March, repainted, guaranteed perfect, any trial, selling through illness, £40. 51 Kelvin Rd., Highbury, N.5.

JOWETT, 1926 7hp long chassis 4-scater, blue, good condition, £30.

JOWETT, 1929 7hm short chassis saloon, beige, £70. H. and A. Motors, 69 Church Rd, Upper Noiwood. Livingstone 3122. (Open Sunday 11-1 pm.) 974-170

JOWETTS, under £190. See page 22. 974-108

LEA-FRANCIS, 1927 saloon, 4-door, f.w.b., 4-speed, dark maroon, moquetto upholetery, overhauled, bargain, £40. Below.

1925 (July) 12hp 4-scater, marcon, speedometer, clock, humpers, armchair scats, good tyres, \$28. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8, Saturday 6, Sunday 101.

LEA-FRANCIS, Brooklands sports 4-scater, 12-50, twin carburetter, unsoiled and perfect, £100. Denman Motor Agency, Ltd., 132-3 Long Acre, W.C. Open week-ends. 974-337

LEA-FRANCISES, under £100. See page 22. 974-105

MATHIS. 12 guines. 1925 7hp 2-seater, blue, 4 speeds, starter, practically unworn tyres, running order, taxed; 100 cars in stock; hat free; exchanges. Open all weekdays, including Saturdays, 9-8; Sundays 9-1. Rowland Smith, 78-81 High St., Hampstead. One minute Hampstead Tube. 'Phone, Hampstead 4881.

M.G. The Central Motor Institute, Finchley Rd., Hampstead, N.W.3, wholesale and retail distributors for North-west London and North Hertfordshire. Special tuning and service by experts A selection el cars always in stock. 'Phone, Primrose 1161 and Hitchin 494. 222-375

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

- M.C. Midget, 1929, sports 2-seater, blue, excellent, £90. Titjen and Hillier, 110 Wood Vale, S.E.23. Sydenham 2432.
- M.C. Midget. 1931 2-scater, new unregistered, latest-type wings, makers' full guarantee, slightly shop-soiled, £159. Below.
- M.C. Midget. 1931 2-scater, black and red, numerous extra fitments, one owner, perfect. £139. Exchanges, deferred. Smith Auto Co., 1td., 145 London Rd., Croydon. Croydon 2182-1688. 974-296
- M.C. Midget, 1930 8hn aports 2-scaler, red, particularly smart and exceptionally fast, £105. Newnbams, 237 Hammersmith Rd. W.6. Riverside 4646.
- M.G. Midget!!! 1930 anorts, latest ribbed drums, dash, etc., finished black and red, extras include side curtains, apollight, etc., mileage 8.000. Whole car really equal to new taxed, £119; exchanges considered. II. Bath, 15 Kynance Mews, Gloucester Rd., Kensington, S.W.7. 374-4770
- M.G. Midget. Carlton Garage. 1929, really fast, 93 guineas; terms, exchanges. 79 Carlton Vale, Kilburn. Open Sunday mornings.
- M.G. Midget. 1931 2-senter, red, shop-soiled, list £185, accept £165. Thone, Cranmore, Barnet 0175.
- M.G. 1931 Midget, mileage 3,000, choice of 3, from £135
- M.C., 1930, latest type, big sump, small mileage, £115.
- M.C., 1930, Midget, sportsman's coupe, unscratched, £150; largest stock of sports cars in Grent Britain. Bartlett, 27a Pembridge Villas, Notting Hill Gate. 974-331
- M.C. sports. Cooke's Motors offer: 1931 2-seater, red. in excellent condition, bargain, £115. Brighton Rd., Sutton. Open week-days 9, Sundays 5. 'Phone 3800.
- M.G. Midget conchbuilt coupe, 1931, 3,000 miles, taxed Dec., black and cream, stoneguard, mud flans, horn ring and other extras, absolutely as brand new, exceptionally attractive car, £175. Exchanges, deferred. Allery and Bernard, 344 King's Rd., Chel-ea. Flaxman 4633.

 974-191
- M.C. Midget, 1930, large sump, small mileage, £115; motorcycles in part, deferred terms. Broadway Motors, 19 Woodstock St., Oxford St., W.1. Mayfair 5489.
- M.C. Midget, 1931 2-seater, registered but not delivered, brand new, full guarantee, 165 gulness; exchanges, deferred. Ray Abbut, Ltd., Harrow Weald, Telephone, Harrow 3884. 974-207
- M.C. Midget, £100 10s 6d. 1930, guaranteed. South London Car Sales, Porden Rd., S.W.2. Brixton 6634. 974-263
- M.C. 1930 Midget sports, red. mileage 4-5,000, quite spotless and as now, ribbed brake drums, £125. Smith and Hunter, Ltd., 407 Edgware Rd. 974-200
- M.C. Midget, 1930 coupe, mileage 8,000, perfect throughout, taxed year, £155.

 Phone 2526.

 Wimbledon. 974-97
- M.C. Midget. £11 deposit; 110 guineas cash. 1930 super-sports 2-seater, blue, exceptional condition; free tax, free insurance to cash buyers; 100 cars in stock; firt free; exchanges. Open all weekdays, including Saturdays, 9-8; Sundays 9-1. Rowland Smith, 78-81 ligh St., Hampstead.
- M.C. Midget. See the Naylor and Root bargains on page 20. 974-151
- M.G. Midget, £89, 1929, 2-seater, very smart and exceptionally fast; exchanges, deferred. Empire Motors, 506 High Rd., Chiswick. Phone 974-245
- M.C. Midget, 1930 (May), sports blg sump, ribbed drums, as new, one owner, 125 guineas. Murphy, 17 Sheen Lane, Mortlake. 3503 Richmond. 974-248
- MORGAN. Bearts of Kingston, Morgan distributors and specialists. New and guaranteed second-hand Morgans always in stock. Liberal exchange allowances. Special hire-purchase terms. 102 London Rd., Kingston-on-thames. 'Phone 5148.
- MORGAN Service Depot. Official appointed repairers for the Morgan Motor Co for London. Full range of spares carried. New and second-hand machines always in stock, trade supplied. Official agents, Homacs, 243 and 247 Lower Clapton Rd., E.S. 'Phone, Classoid 9616-9617.
- MORGAN. Bargain. Colmore offer 1931 auper-sports 10-40 J.A.P. overhead valve, water-cooled engine, new type model M chassis. colour blue and beige, unregistered, used only for few trial runs, £120; you save £25 and get a better caz. Easy payments from £20 down, balance 12, 15 or 18 months. Collabre Depot, 31 Colmore Row, Birming-lam.
- MORCAN, 1929 super-sports 10.40 o.h.v. J.A.P., heautiful condition, black, red chassis and wings, speedometer, clock, geared steering, last acceleration, hood, several extras, taxed year, 273, 419 Manchester Rd., Blackrod, Chorley.
- MORGAN, late 1928 Aero, racing J.A.P., just overhauled and repainted dual-tone finish, high frequency horn, speedometer, chromiumplated, in absolutely super condition and one of the prettiest Morgans on the road £60; exchanges or deferred payments. C. and K. Motors, 5 Putney Bridge Rd. Putney 2728.

LIGHT CARS SECOND-HAND AND CYCLECARS FOR SALE (conlinued).

MORGAN Specialists. Protect yourself with a 5-months' written guarantee; exchanges, delerred terms over 24 months. Magnificent stock; few examples below.

Special Family model, 1931, 10.40hp o.h.v. racing J.A.P., w.-c., M-typo chassis, dynamo lighting, starter, specially fitted dashboard, one owner, low mileage, guaranteed as new, taxed December, cost approximately £150 (Highbury), £89. Kirk and Co. Below.

Super-sports Aero, 1929, 10-40hn o.b.v. racing J.A.P., w.-c., original blue cellulose finish; very fast and attractive sporting bus (Paddington), 279. Kirk. Below.

Acro, 1929, 10-40hp c.h.v. racing J.A.P., flare wings, exceptionally smart black and red finish (Paddington), £65. Kirk. Below.

Acro, 1929, o.h.v., w.c., full dash equipment, l.w.b., new rear competition tyre, super condition, tax paid (Paddington), £62 10s. Kirk. Below.

Aero, 1928, 8hp J.A.P., w.-c., all equipment, including dynamo lighting, hood, etc., flare wings, good tyres and appearance (Paddington), 657 108. Kirk. Below

De luxe 1930 2-scater, J.A.P. engine, dynamo lighting, horn, speedoneter, O.S. tyres, f.w.h., tax paid December (Paddington), £48. Kirk. Below,

Family 4-seater, 1928 8hp J.A.P., w.-c., dynamo lighting, automatical lubrication, electric horn, practically new tyres, smart and attractive (Highbury), e.42. Kirk. Below.

Special acro. 8-10hp o.h.v., w.c., specially built super-sports-type body, dynamo lighting, practically brand-new tyres, cycle wings, thoroughly overhauled (Paddington), £42 10s. Kirk. Below.

Do luxe, 1929, 8hp J.A.P., 2-scater, dynamo lighting, all-weather equipment, most carefully used, tax paid (Paddington), £37. Kirk. Below.

Acro, 1926, 10hp o.h.v., w.c., fully equipped, dynamo lighting, cyclowings, cream and crimson finish, excellent condition (Paddington), £32. Kirk. Below.

Family, 1926 8hp J.A.P., w.c., dynamo lighting, clock, speedometer, all-weather equipment, specially re-coachfinish, bargain (Paddington), 229 10s. 150 other cars. 22.49 Praced St., Paddington, Phone, Padd. 6049 and 6892; and 28-30-32 Highbury Corner, N.S. 'Phone, North 4784. Close 8 p.m. week-days, Sundays 10 a m.-1 p.m. 974-423

MORGAN, 1924 de luxe, 8hn J.A.P., Lucas dynamo, side screens, mirror, discs, taxed to 1932, £24. Below.

MORGAN, 1928 Aero J.A.P., twb., balloon tyres, hood, chrome nickel, perfect, one owner, taxed to 1932, £58. Below.

MORGAN de luxe Acro. 1931, 10-40 o.b.v. J.A.P., cream and green, the very last word in improvements, 2%-in, tube with improved bevel hox, and centre-fixing, super-type front, improved brakes and guarda, £116 10s; let me quote you for your old car; I can allow you the biggest price in part-payment cash or hire-purchase. Douglass for Morgans, St. Mary's Square, Ealing, W.5.

MORGAN. Naylor and Root, Ltd.,

MORGAN specialists.

Largest selection of used models in England. Positively lowest prices. Easiest of Easy Terms over 18 months.

Take advantage of these astounding reductions of more than £10 on all models.

£105. 1931 super-sports " M " chassis, usual equipment, finished dark green; choice of two.

£92. 1930 super-sports "M" chassis, speedometer, hood, electric horn, etc.; choice of three; also two with starters and taxed.

£82. 1929 super-sports o.h.v. J.A.P., cycle wings, speedometer, electric horn, hood, very smart car; choice two.

£79. 1930 Aero o.h.v. J.A.P. "M" chassis, usual equipment, absolutely as new, dark blue,

£72. 1929 Acro o.h.v. J.A.P., starter, cycle wings, bumpers, hood, new tyres, many useful extras, black and orange.

£62. 1928 Aero o.h.v. J.A.P., speedometer, f.w.b., bood, electric horn, goared steering, red and cream.

£69. 1930 Acro s.v. J.A.P., cycle wings, V screen, hood, speedometer, electric horn, small mileage, very smart; another with "M" chassis, etc., £72.

£54. 1928 Acro s.v. J.A.P., almost new tyres, f.w.b., hood, electric horn, pneumatic seats, very smart, taxed.

£39. 1927 Aero Shp. f.w.b., dynamo lighting, hood, cyclo wings, speedometer, very smart, black and green.

£68. 1930 Family 4-seater, w.-c. J.A.P., "M" chassis, starter, f.w.b., sideacreens, speedometer, electric horn, as new.

£55. 1930 Family 4-seater, a.-c. J.A.P., f.w.b., side screens, good tyres, electric born, finished maroon; also 1929 model, similar, £49.

£52. 1930 De Luxe, a.e. J.A.P., "M" chassis, starter, side acreens, good tyres, speedometer, etc., dark blue.

Compare these prices with others and you will immediately realize what we mean by reductions. Be sure you call to-day or write for our list.

Naylor and Root. Ltd., 248-250 Lavender Hill, Clapham Junction, S.W.11. Phone, Battersea 6187-9. 974-154

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (conlinued).

MORGAN. Maskell for Morgans. Sole London agents, south of the Thames. Spaces and overhauls. New and second-hand Morgans always in stock. 6 Station Rd., Camberwell, S.E.S. Brixton 5725. zzz-122

MORGAN. F.O.C.II. 1928 super-sports Acro, primroso and green, Eleven Hundred oh.v. racing J.A.P., i.w.b., dynamo, Bosch, Bonnikten, clock, rev. counter, bumper, Rene Thomas wheel, many extrastextempt fast, very smart, exceptionally good condition taxed, 72 guneas; exchanges, deferred: free list, F.O.C.II., Ltd., 5 Heath St., Hampsteed, Open all week-days, including Saturdays, 9-8; Sundays 9-1. Hampstead 2215.

MORCAN, 180. 1930 do luxe 8hp J.A.P., full equipment, new, evenings. Knight, 34 King Henry St., Mildmay Park. 974-g222

MORGANS!!! (Four.) Family 4-scaters, G.P. 2-scaters, water-cooled, aynamo lighting, from 10 guineas; exchanges, easy terms. Wandsworth Motor Exchange, Ebner St., Wandsworth. (Town Station.) 974-317

MORGAN, 1929 de luxo 2-seater, very small mileage, f.w.b., starter, in exceptionally nice condition throughout, price 39 guiness, a very genume bargain, down payments £7 10s.; exchanges or deferred terms. Cemerford's, Chief Branch, Portsmouth Rd., Thames Ditton, Emberbrook 2323.

MORGANS. Homac's have for disposal the following guaranteed Morgans:-

1928 de luxe, 8hp J.A.P., dynamo, geared steering, good tyres, taxed, £42 10s.

1927 Acro, s.-v. J.A.P., f.w.b., dynamo, etc., taxed for year, £45. Below.

1927 Family, 8hp J.A.P., dynamo, speedometer, side screens, I.w.b., nice order, £59 10s. Below.

1925 Aero, 10hp o.h.v. Blackburne, £32 10s. Below.

1925 Grand Prix, 10hp, w.c., Blackburne, dynamo lighting, speedometer, dash lamp, bumper, many extras, Aero wings, £29 10s.

Deferred terms arranged.

Homac's, the Official Morgan Service Depot, 243-7 Lower Clapton Rd., E.5. Telephone, Clissold 9616-7. 974-370

MORGAN. 100 cars in stock. List free, Exchanges. Rowland Smith.

£10 deposit; 105 guineas cash. 1931 super-sports, specially tuned racing o.b.v. J.A.P., black and red, cycle-type wings, straight-through exhausis, hood, practically unworn tyres, reduced steering, carefully used, very exceptional condition; free tax, free insurance to cash buyers. Below.

£4 deposit; 42 guineas cash. 1926 Aero 10hp racing o.h.v. Blackburne, dynamo lighting, i.w.b., straight-through exhausts, foot accelerator, cycle-type wings, speedometer, reduced steering, carefully used, very exceptional condition; tree tax, free insurance to cash huyers. Below.

£3 deposit; 32 guineas cash. 1925 Acre, 8hp o.h.v. Anzani, red, dynamo lighting straight-through exhaust, hood, speedometer, carefully used, exceptional condition; free tax, free insurance to cash buyers. Below.

£7 deposit; 75 guineas cash. Late 1929 super-sports specially tuned racing o.h.v. J.A.P., black and red, cycle-type wings, straight-through exhausts, reduced steering, carefully used, exceptional condition; free tax, free insurance to cash buyers. Below.

£7 deposit; 69 guineas cash. 1930 Acro, Eleven Hundred o.h.v. racing J.A.P., blue, I.w.b., dynamo lighting, straight-through exhausts, reduced etcering, bood, carefully used, exceptional condition; free tax, iree insurance to cash buyers. Below.

£6 deposit; 59 guineas cash. 1929 Aero, Bhp o.b.w., blue, f.w.b., dynamo lighting, reduced steering, bood, straight-through exhausts, very exceptional condition; free tax, free insurance to cash buyers. Below.

£3 deposit; 32 guineas cash. Late 1926 Family, 8hp w.c. J.A.P., dynamo lighting, practically unworn tyres, foot accelerator, electric horn, exceptional condition; free tax, free insurance to each buyers. Below.

Rowland Smith, 78-81 High St., Hampstead. Open all weekdays, including Saturdays, 9-8; Sundays 9-1. One minute Hampstead Tube. 974-159

MORGAN, 1930 Super sports, M. chassis repainted red, new chain, 3 now Fort Dunlops, taxed, indistinguishable from new, £96. Nether-scales, Mattram Rd., Statybridge. 976-g169

MORGANS. Any reasonable offer accepted to clear quickly. Two do luxe Morgans. 1924 and 1926, w.-c., dynamo, good appearance and running; would sell separately. 19 Holmdone Avenue, Herne Hill. Brixton 0384.

MORGAN, super-sports, 1929, 10-40 c.h.v. racing J.A.P., f.w.b., starter, geared steering, taxed year, £87 10a. Below.

MORGANS, Aero, 1927 o.h.v. Blackburne, w.e., dynamo, starter, f.w.b., 250; 1927 J.A.P., I.w.b., repainted, £45; 1926 o.h.v. Blackburne, geared steering, I.w.b., ioot accelerator, dynamo, £37 10s.; 1925 J.A.P., dynamo, £32 10s. Terms, exchanges, Page, 199b Upper Richmond Rd., Nr. High 8t., Putney. 974-210

MORGAN. 1930 (May) family model, J.A.P., starter, rigid sidescreens, speedometer, mileage 5,000, absolutely as new, taxed year, insurance included, £67. Smith and Hunter, Ltd., 407 Edgware Rd. Ambassader 1011.

LIGHT CARS SECOND-HAND AND CYCLECARS FOR SALE (continued).

MORGAN. 1925 MAG water-cooled, good condition, £20. Deferred, Martin's Garages, Highgato Village. Mountview 1228. zzz-537

MORRIS Minor. £65!!! 1929 fabric saloon, colour blue, taxed, very small mileage, in really excellent condition throughout, really worth examining, bargain. Morgan Hastings, Ltd., 212 New King's Rd. (opposite Putney Bridge Station), S.W.6. Tel., Putney 7611. 222-531

MORRIS Minor £80, 1930, coachbuilt sunshine maloon, complete equipment, as new choice of 2. Below

MORRIS Minor, £60, 1929 labric saloon, complete equipment, numerous extras, exceptionally good condition; exchanges, deferred, 86 Acre Lane, Brixton. 'Phone 3401.

MORRIS Minor, 1930, fabric saloon, in really first-class order throughout. £85. Hyams Bros. and Heard, 19 Beynon Rd., Carshafton Tcl., Wallington 1917.

MORRIS Minor 1930 8hp fabric saloon, smart and generally attractive, £65. Newnhams, 237 Hammersmith Rd., W 6. Riverside 4646.

MURRIS Minor Carlton Garage. 1929 saloon, taxed, 69 guineas; terms, exchanges. 79 Carlton Vale, Kilburn. Open Sunday mornings, 974-402

MORRIS Minor, 1929 o.h.v. saloon, 8.000 miles only, splendid condition, £69; taxed end year. 118 Beulah Ed., Walthamstow, 974-g178

MORRIS Minor. 57 guineas. Exchanges, deferred. 1929 fabric saloon, practically unsoiled condition, perfect order. Below.

MORRIS Minor. 75 guineas. 1930 coachbuilt sunshine saloon, chromium, Triplex, exceptionally well-kept car. Maynards, 241: High Rd., Wood Green. 974-318

MORRIS Minor, 1930 8bp fabric saloon, excellent condition, one owner, £85 casb, or £8 10s down and 10 monthly payments of £8 McCarthy's Motors (1925), Ltd., 28 Queen's Rd., Baysward Park 7766. 974 312

MORRIS Minor. Cooke's Motors offer 1930 7.8hp coachbuilt saloon, sunshing roof, mileage 2,000, as brand-new, £95, 366 High St. Sutton. Open week-days until 8, Sundays 1. 'Phone 4660. 974-388

MORRIS Minor, £97 10s. 1931 fabric saloon, negligible mileage, taxed, spotless condition; exchange, terms. Bolow.

MORRIS Minor. £59 10s. 1929 fabric saloon, small mileage, excellent condition; exchange, terms. Ward and Co., 5 Upper Richmond Rd. East Putney 2818.

MORRIS Minor £105!!! Saloon, 1931 model, very clean, small mileage, in excellent condition throughout.

MOZRIS Minor, £67 10s.!!! Saloon, 1929, in excellent mechanical condition, very clean, taxed to end of year. Bell Motor Mart, Ltd., Balth Rd., Cippenham, near Slough. "Phone, Burnham 149. 974-358

MORRIS Minor. 1930 (May) coachbuilt sunshine salcon, small mileage, tyres still as new, superb order, taxed, £90. Below.

1930 fabric saloon, blue, mileage about 10,000, perfect coachwork, tyres still A.1, taxed year, £83. Below.

1930 fabric saloon, blue, Triplex, one change ownership, insured to 1932, £73. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8, Saturday 6, Sunday 10-1.

MORRIS Minors. Andrews Automobiles for Morris Minor bargains:--

MORRIS Minor tourers and saloons, £56 to £68, ready for the road, taxed, insured and guaranteed 3 months, simplest hire-purchase scheme in existence. Write for list of 100 light cars, or call.

Andrews Automobiles, 37 Sheen Lane, Mortlake (Station). Phone, Richmond 0576.

A Quick Sale!

"Orpington.

"I should be glad if you would cancel further insertions of my advt. re Morris Minor, as, through the large circulation of your excellent journal, I was able to dispose of it yesterday.—W.A.K."

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

MORRIS Minor fabric saloon, 1929 model, £65; also others. Stretton's Garage, Gloucester. 974-1964

MORRIS Minor. See the Naylor and Root bargains on page 20.

MORRIS Minor, 1929, saloon, one owner, nice condition throughout, unique deferred terms, £60. 516-522 Streatbam High Rd., S.W.16. 'Phone, Pollards 4444.

MORRIS Minor. £7 deposit; 69 guinoas cash. 1930 coachbuilt saloon, brown, sunshine rool, very good condition; free tax, free insurance to cash buyers; 100 cars in stock; list free; exchanges. Open all weekdays, including Saturdays, 9-8; Sundays 9-1. Rowland Smith, 78-81 High 8t, Hampstead. One minute Hampstead Tube. 'Phone, Hampstead 4881.

PEUGEOT, 7hp. 1927 drop head coupe, taxed, good order throughout, £18 10s. 108 Coston's Lane, Greenford. 974-g179

PEUCEOT 7. 1926 all-weather 2-seater and dickey, starter and full equipment, very economical, £18. Central Auto Service, 15-17 Putney Bridge Rd., Wandsworth. Phone, Putney 4466. Open Sundays.

RENAULT 9. Andrews Automobiles for Renault bargains:-

RENAULT 9, £14 to £36, ready for the road, taxed, insured and guaranteed 3 m in this, simplest hire-purchase scheme in existence. Write for list of 100 light cars, or call.

Andrews Automobiles, 37 Sheen Lanc, Mortlake (Station). Phone, Richmond 0576. 974-278

RENAULT. See the Naylor and Root bargains on page 20. 974-152

RENAULTS. The following cars, together with several others, carry our usual guarantee. Deferred terms: part exchanges arranged. Call and Inspect. Wellsam, Renault Sales and Service Distributors, Surbiton Hill Rd., Surbiton. Elmbridge 1873.

1931 12.5 Monasix saloon de luxe, English body, leather upholstery. Tecalemit automatic lubrication, carrier, tax paid year, last word in refluement, cost £280, accept £170.

1931 12.5 Monasix saloon luxe, shop-soiled, unregistered, £159.

1931 speed model, 75 m.p.h., 33 m.p. gallon, special, £140.

1929-30 12.5 Monasik saloon de luxe, coachbuilt, bumpers, etc., £100.

1928 9-15 saloon do luxe, coachbuilt, £55.

1928 12.5 Monasix saloon de luxe, coachbuilt, bumpers, etc., excellent order, taxed year, £60.

RENAULT, 1926, 9hp. 4-seater, recently repainted blue, very good condition, £25.

1928 Renault 9hp 4-door fabric saloon, very small mileage. £58. II. and A. Motors, 69 Church Rd., Upper Norwood. Livingstono 574-171 p.m.

RENAULTS, under £100. See page 22. 974-

RHODE, £22 10s., 1927 somi-sports 4-scater, sound condition, bargain. Ward and Co., 5 Upper Richmond Rd. East Putney 2818 974-378

RHODE, super sports, streamlined 11hp 2-seater, outside exhaust, long tail, £20, bargain. Denmans, 132-3 Long Acre, W.C. Open week-rales.

RILEY 9, 1931, Plus series Monaco sunshine saloon, run 350 miles only, £258. Olympia Motor Co., Riley London Distributors, 3 Hammersmith Rd., Kensington. Opposite Olympia. Fulham 4217.

RILEY peculias. Write for list of guaranteed used cars to Sussex Distributors, Lewes Motors, Lewes.

RILEY 9, 1928 2-scater, dickey, excellent condition, £75, privately owned, can be viewed 58 Footscray Rd., Eltham, S.E.O. 974-g229

RILEY. Steele Griffiths. 1931 Monaco saloon, director's car, mileago 4.000, £225 Abbey House, Victoria St. (facing Westminster Abbey). Victoria 0467.

RILEY 9. Steele Griffiths. 1930 Sunshine saloon. £139. Abbey House, Victoria St. (facing Westminster Abbey), Victoria 0467. 974-404

RILEY 9. Steele Griffiths, 1930 de luxe salcon, £155. 8.6 Nouse, Camberwell Green, S.E.S. Rodney 2201. 974-410

RILEY 1930 9hp, twin carburetter, sports 4-seater, £165.

RILEY, 1928 (late), twin carburetter, sports 4-seater, £110; exchanges and deferred. Bartlett, 27a Pembridge Villas, Notting Hill Gale. 974-332

RILEY, 9hp. 1931 standard salcon, new. shop-soiled only, £260. II. R. Moore, Ltd., Bishop's Stortford. 'Phone 132. 975-711

RILEY 9, 1929 (late), 4-seater Mark IV, £125. Denmans 132-3 Long Acro. W.C. Open week-ends. Temple Bar 8135-6-7, 974-345

LIGHT CARS AND CYCLECARS FOR SALE (continued).

RILEY, 9hp. late 1929 Mark IV Monaco saloon, one owner, mileage 12,700, black red upholstery and wheels, exceptional condition, £138. Exchange motorcycle ur deferred arranged. "Bungalow," Verbena Gardens, 3t. Peter's Square, Hammersmith. Riversido 4126. 975-g170

RILEY. 1930 Monaco saloon, bine, red leather, mileage 9,000, as new throughout, taxed year, £175. Below.

1929 (May) Monaco, blue-cream wheels, Triplex throughout, very sound, taxed year, £135, Below,

1928 (June) Monace, central change, marcon, mileage 19,000, one owner only, very attractive, £105. Below.

Smith and Hunter, Ltd. 407 Edgware Rd. Ambassador 1011. Evenings B. Saturday 6, Sunday 10-1. 974-206

RILEY Monaco salcon, 1929, Triplex, marcon, heautiful condition throughout, £115.

RILEY 9 fabric sports tourer, 1928 (late), spring wheel, 1930 condition throughout, £105. Exchange, deferred. Allery and Bernard, 344 King's Rd., Chelsea. Flaxman 4635.

RILEY, £139 10s.; 1929 MK4 2-scater, spotless condition throughout; oxchange, terms. Ward and Co., 5 Upper Richmond Rd. East Putney 2818.

RILEY 9 Monaco saloon, exceptionally clean, carefully used, Triplex all round, any trial or expert examination, price £135; terms arranged.

W. A. Litchfield, Alfriston, Breakspear Avenue, St Albans, Herts.

974-2149

RILEY, 1931. Plus model Monaco sunshine saloon, black-brown, cream wheels, only slightly used, unmarked, £250, guaranteed by Jarvis and Sons, Ltd., Victoria Crescent, Wimbledon. Phone 2526. 974-98

RILEY. Smith-conditioned spells safety for used-car buyers.

RILEY 1.530 special snorts 2-seater, with double dickey seat, twin carburetters, exceptionally fast, deposit £35, balance £150.

RILEY 9 1930 de luxe saloon, black and red, practically new, only done 8,000 miles; deposit £40, balance £155.

RILEY, 1930 Monaco saloon, red with black wings and valances, red uphoistery to match.

RILEY, 1930 Monaco saloon, black with cream wheels and piping line.

RILEY 9 1930 Monaco saloon, red with French grey wings and red upholstery to match.

F. G. Smith (Motors), Ltd., Goodmayes, Ilford. Phone, Seven Kings 1000 (7 lines). 974-94

RILEYS. 400 car list post free. 1924 to 1931 new and used cars to stock. Saloons, coupes, sports, landaulets, touring, 2-scaters, etc. Open till 830 p.m., week-ends included. Exchanges and terms. Distance no object. (The Northern Motor Olympia) Bamber's, near Birkdale Station, Southport. Phone, Birkdale 66161. (Bianch Showrooms: 4 Guildlord St., Leeds; 16 Cambridge St., Sheffield.) 974-150

RILEY 9, 1930 Monaco saloon, black and red, as new, £175. Below.

RILEY 9 1929 Mark IV Monaco saloon, taxed year, Biffex lamps, many extras, exceptional condition, £145. Below.

Paul and Co., 114 Gt. Portland St. Museum 4117, 974-177

RILEY 9. Pest over £110 secures!!! Special 1929 Mark IV Monaco saloon, numerous extras include 2 spare wheels, bumpers big head-lamps, stoneguard, etc. Open to examination and test, perfect. H. A. Loc, Alton, Hants. Phone 85. 974-g164

ROVER, 1931 10-25 Regal sun salcon, bumpers, safety glass, cost 2212, run 250 miles only, manufacturers' guarantee, £192; terms airanged, Taylors, 49-53 Sussex Place, South Kensington Station. Ken. 8841.

ROVER 10 1931 4-door saloon, one owner, very carefully used for moderate mileage, comprehensive guarantee, unique deferred terms, £149, 516-522 Streatham High Rd., S.W.16, 'Phone, Pollards 4444.

ROVER 9. Sale price £125!!! 1930 10hp sportsmans' coupe, fitted with sunshine roo!, extremely good condition throughout, bargain. Morgan Hastings, Ltd., 212 New King's Rd. (opposite Putney Bridge Station), S.W.6. Tel., Putney 7611.

ROVER 9, first registered November, 1927 4-seater, in excellent condition throughout, taxed, £35. E.S. Motors, 325 High Rd., Chiswick, W.4. Chiswick 2446.

ROVER 9 saloon, Weymann fabric body, brown, £45; also Rover 9-20, 1927-8, 2-scates, super-sports, red and cream, £50. 43 Wallington Rd., Soven Kings. 'Phone, Cornish, Seven Kings 2182. 974-x765

ROVER, 1925 9-20 sports 2-seater, repainted blue, new battery, tyres and condition good, taxed, £22. Paddington 2054. 974-g180

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

ROVER 9, 1927 drop-head coupe, £32. Terms, exchanges. Page, 199b Upper Richmond Rd., Nr. High St., Putney. 974-213

ROVER, 1930 (April) 10-25 Riviera sunshine saloon, nearly new tyres, marcon, numerous extras, beautifully clean, taxed, £130. Below.

1929 10.25 sportsman's conpc. brown, wire wheels, 2 horns, same owner always, splendidly kept, taxed, £100. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8, Saturday 6, Sunday 10-1.

RO'ER 9, £27: 1926. f.w.b., 5-seater: also 2-seater. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7. 974-351

ROVER 10, 1930 sunshine saloon, Weymann body; another similar, overhauled by makers. £125. Denmans, 132-3 Long Acre, WC Onen week-ends. Temple Bar 8135-6-7.

ROVER 10, 1928 sports 4-seater, bucket seats, recellulosed, fine order, £75. Denniaus, 132-5 long Acre, W.C. Open week ends. 974-334

ROVER, 1929 10hp sunshine saloon, in spotless condition, leather upholstery, perfect runner Bell Motors, Church St., Staines. Phone 401. Open Sundays 10.30-1.30. 974-353

ROVER 10 1929 Riviera sunshine saloon, one owner, acrupulously kept. comprehensive written guarantee, unique deferred terms, £95-516-522 Streatham fligh Rd., S.W.16. Phone, Pollards 4444. 974-120

ROVER. 1926 (late) sports 2-seater, exceptional condition throughout, taxed to the end of the year, £35; exchanges, deferred. Haskins, 155 Ladbroke Grave. North Kensington, W.10 (adjoining the Metropolitan Station). Park 5541.

ROVER. See the Naylor and Root bargains on page 20.

ROVER 9s. Andrews Automobiles for Rover bargains :-

ROVER 9s. £15 to £68, ready for the road, taxed, insurguaranteed 3 months, simplest hire-purchase acheme in existence for list of 100 light cars, or call.

Andrews Automobiles, 37 Sheen Lane, Mortlake (Station). 'Phone. Richmond 0575.

ROVER 10 1930 4-door saloon, sun roof, taxed, one owner, condition as new, £135. Below.

Paul Sawyer and Co., 130 Gt. Portland St. Museum 1925. 974-164

ROVER, 9bp, £15. Late 1925 de luxe, 2-seater and double dickey. 2 -loors, excellent condition throughout, lighting, starting and usual equipment, the paintwork and upholstery (leather) perfect, a very lively and economical little car, absolutely any trial willingly 17hene. 974-g165

ROVER, 9-20 1926 4-Feater tourer, f.w.b., taxed December good condition, £20. Pates, 551 Holloway Rd. Archway 3134. 976-g167

ROVER 10, 1930 sportsman's conpe, sun roof, black and red, mileago 3,000 only, as new, £145. Below. Paul and Co., 114 Gt. Portland St. Museum 4117. 974-178

ROVERS, under £100. Sec race 22. 974-111

ROVER 10 1931 coachbuilt sunshine saloon, one owner, as new throughout, fully guaranteed, unique deferred terms, £158. 516-522 Streatham Righ Rd., S.W.16. 'Phone, Pollards 4444. 974-122

SALMSON, 1926 (August) super-sports twin o.h.c. 2-scaler, f.w.b., streamlined body, cycle wings, very attractive, £42. Smith, 407 Edg. 974-203

SALMSONS. Vadum Co. specialize in the speedy and economical 9.5 Balmson, 35-49 m.p.g., insurance from £1 0: 6d.; A.A. or R.A.C. examination; deferred; exchanges. Open Saturdays.

£25. 1926 model sports. Grand Prix body, Vee screen, smart.

19 guineas. 1926 sports skiff, Vec screens, wiper, starter, fast, smart,

20 guineas. 1926 c.h.v. 4-seater, taxed, new hood, f.w.b., halloons. 25 guineas. 1926, f.w.b., sports, special low long-tail body, pneumatic upholstery, really handsome car.

19 guineas. Twin camshaft coupe de luxe, dickey, divided windows, starter, very comfortable and roomy car.

32 guineas. 1927 model sports, f.w.b., balloons, Vee screens, taxed September, smart.

SALMSON £25, 1927 model, 10hp 4-door fabric saloon, f.w.b., extremely good condition; exchanges, 86 Acre Lane, Brixton. Phono 3401.

EALMSONS urgently warted. Vadum Co., 352 Righ Rd., Willesden Green, N.W.10. Willesden 2469.

SALMEONS, under £100. Sec page 22.

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

SALMSON 1925 sports 2-seater, Grand Prix type body, raked steering, outside hand brake, tax paid, in exceptionally good condition throughout, £15. C. and K. Motors, 5 Putney Bridge Rd. Putney 2728.

SALMSON, 1926 sports 2-scater, maroon, very fast, £35, H. and A. Molors, 69 Church Rd., Upper Norwood. Livingstone 3122. Open Sunday, 11-1 p.m. 974-169

SCHNEIDER, 1928 sports 4-seater, 10hp, cutaway driver's side body, 1.25-litre, Oxford and Cumbridge blue, £115 Denmans, 132-3 Long Acre, W.C. Open week-ends, Templo Bar 8135-6-7. 974 343

TH. SCHNEIBER, 1927 10-30 4-door labric saloon, £65; terms, exchanges. Page, 199b Upper Richmond Rd., near High St., Putney, 974-212

SINGER Junior 1929 4-seater, £52; 1928 Singer Junior 4-seater, £35. Taylors, 135 London Rd., Kingston, Phone, Kingston 1264,

SINGER, 1930 Junior tourer, very fine condition, one owner, A.A. inspection invited, 7 days' free trial £80. Taylors, 49 Sussex Place, South Kensington Station. Thone, Krasington 8841.

SINGER Junior saloons and tourers, 1930 models, from £40; 7 days free tral; write for particulars, Taylors, 135 London Rd., Kingston-ou-Thames. Kingston 1264.

SINGER, £90!!! Junior coachbuilt saloon, due blue, late 1930 model, exceptionally good condition. Below.

SINGER, £35!!! 1928 8hp 2-seater, excellent condition throughout. Morgan Hastings, Ltd., 212 New King's Rd. (opposite P-tacy Hindge Station), S.W.6. Tele., Putcey 7611.

SINGER Junior, 1931, salcon, sunshine reef, new, shop soiled, £135. H. R. Moore, Ltd., Hisbop's Stortford, 'Phone 132, 975-710

SINGER, £135, 1931 Junior ceachbuilt 4-door sunshine saloon, black and cream, total mileage 2,000, bumpers, chromium-plated fittings, rear petrol tank, etc., equal to new, taxed, deferred terms, Phillips, and Powis, 10-24 South St., Reading, 'Phone 2600. 974-242

SINGER Junior 4-seater, 1927, new tyres, recently overhauled, taxed and insured, many extras. £35, or mear offer. Hillmarten, Bull's Moor Lane, Waltham Cross. Enfield 2718.

SINCER Junior, 8hp 4-seater, 1927, £28, taxed, decarbonized, any trial. Wadams, Northwick Rd., Evesham. 974-g228

SINGER Junior Steele Criffiths, 1930-31 saloon, negligible mileage, 499. Abbey House, Victoria St. (facing Westminster Abbey). Victoria 0467,

SINGER Junior. Steele Griffiths, 1930 tourer, tax paid, 279. Abbey House, Victoria O467. 974-405

SINGER Junior 1931 coachbuilt 4-door sunshine saloon, rear petrol tank, etc., excellent condition throughout, first registered March, mileage under 5,000, jully guaranteed, unique deferred terms, £122, 516-522 Streatham High Rd., S.W.16. 'Phone, Pollards 4444, 974-124

SINGER Junior 1930 sports man coupe, been very well maintained, good lyres, fully equipped, £85. Fulkland Park Garage, 179 South Nerwood, Livingstone 1000. 974-1178

SINGER Junior saloon, 1930 model, taxed year, excellent tyres, very smart condition throughout, luggage grid, etc., bargain £80. Falkland Park Garage, 179 South Norwood Ifill, South Norwood. Livingstone 1000.

SINGER, £35, exchanges!!! 1927-8 10hp de luxe 2-scater, dickey, every small mileage, excellent condition throughout. Chidley 579h High Rd., Tottenham. Phone 2920.

SINGER, £55, exchanges!!! 1929-30 light delivery van. one owner, new tyres, excellent condition throughout and taxed for the year, deliver anywhere. Chidley, 579b High Rd., Tottenham. Those 2920. 974-326

SINGER 8, 1928 4-scaler, f.w.b.s and fullest equipment, splendid condition and taxed till January, £39; terms, exchanges. Gentral Auto Service, 15-17 Putney Bridge Rd., Wandsworth. Phone. Putney 4466. Open Sundays. 974-g185

SINGER 10, 1926-7 de luxe 2-seater and double dickey, f.w.b., balloon tyres, all-weather equipment, small mileage, perfect condition and appearance, £22 10s., or exchange.

339a Goldhawk Rd., W.6 Riverside 5115.

974-1172

SINGER Junior, £132 10s. sun saloon, black and red, new, unused; exchange, terms. Below.

SINCER Junior, £102 10s. offer 1931 sun saloon, black and cream, apotless throughout, bargain; exchange, terms. Ward and Co., 5 Unior Richmond Rd. East Putney 2818.

SINGER Junior. The L.C.C. offer 1929 C.B. saloou, fawn and brown, £75: exchanges and deferred terms. 404 Euston Rd., N.W.1. Wiscown 2122.

TOR BOAT MANUAL." 10th Edition. A Practical Handbook for Motor Boating Enthusiasts. 5s. net. 5s. 5d. post free.

LIGHT CARS AND CYCLECARS FOR SALE (continued).

SINCER, 1930 8hp coachbuilt saloon, mileage only 4,000, perfect condition. £100 cash, or £25 down and 12 monthly payments of £6 17s. 6d. McCarthy's Motors (1925), Ltd., 28 Queen's Rd. Bavewater, W.Z. Paik 7766.

SINGER 1928 Slip tourer, very low mileage, appearance as new, £50 cash or £5 down and 10 monthly payments of £5. McCarthy's Motors (1925), Ltd., 28 Queen's Rd., Bayswater, W.2. Park 7766, 974-314

SINGER, brand-new 1931 10hp saloon, list nrice £210, used for few demonstrations only, maker's guarantee, £158. Rose and Young 97 Streatham Hill, opposite "Locarno." Tel., Streatham 9520-1, 974-304

SINGER 10, £25!!! smartest touring car offered, f.w.b., paint and hood as new. Denmans, 132-3 Long Acre, W.O. Open week-ends. Temple Bar 8135.

SINCER, 100 guineas!!! 1931 Junior coachbuilt sunsbine saloon, colour black and green, as new throughout, spare unused, actual mileege only 7.200 miles, genuine bargain. Bell Motors, Church St.,
Staines. 'Phone 401. Open Sundays 10.30-1.30. 974-354

SINGERS. Andrews Automobiles for Singer Juniors and Singer 10s :-

SINGER Junior 8hp. 1928 and 1929 tourers and saloons, 240 to £68; Singer 10s. £10 to £30, ready for the road, taxed, insured and guaranterd, simplest hire-purchase scheme in existence. List of 100 small cars free on request.

Andrews Automobiles, 37 Sheen Lane, Mortlake (Station). Phone. Richmond 0576. 974 280

SINGER Junior, 1928, 4 seater, exceptionally nice condition, 45 guineas; exchanges and delerrel. Palmer's, 53 York St., Twickenham. Ponesgiove 1454.

SINGER, £125, 1931, Junior saloon, small mileage. 60 Kettlebaston Rd., Lea Bridge Rd. After 8.45 p.m. 974-g128

SINGER, .C15, 10h; deater tourer, 1924 engine, rebared, new piatons fitted, generally overhauled, tyres nearly new. 27 Southbrook Rd., Northury 974-g6

SINGER Junior 1930 coachbuilt 4-door saloon, one owner, excellent condition throughout, any trial, unique deferred terms, £85. Streatham High Rd, S.W.16. 'Phone, Pollards 4444.

SINGER 8 1929 coachbuilt 4 loor saloon, reconditioned and in guaranteed condition, 665. British and Colonial Motors, Ltd., 8-9 Long Acre. Temple Bar 3605.

SINGER. See the Naylor and Root bargains on page 20. 974-144

SINGER, 1928 (August), 8hp, de luxe 4-door saloon, splendld condition and appearance, Laxed year, any trial, £55. Barley Mow, West Horsley, Surrey. 'Phone, Clandon 2. 974-141

SINCER 1931 Junior sunshine saloou, black-cream, mileage 250, shopsoiled condition only, £133. Below.

1931 Junior sunshing *aloon, new May, mileage guaranteed 2,000 only, unblemished condition, taxed year, £126 10s. Below.

1930 aunshine saloon, new February, mileage small, wire wheels, full guaranteo £100. Below,

1929 Junior coachbuilt 4 door galoon, leather upholstery, dual brown, one change only, Al condition, very clean, £70. Below.

Smith and Hunter Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8, Saturday 6, Sunday 10-1. 974-197

SINGER Junior 8hp 4-seater, 1927%, good hood, balloons, smart appearance, economical, fast, bargain, 26 guineas. Vadum Co., 352 High Rd., Willesden Green, N.W.10. Willesden 2469. 974-219

SINCER. Newnhams always have an excellent selection of used cars available. Full list on request.

1931 8hp coachbuilt sliding roof saloon, dual colours, beautiful condition, £118.

1929 She coachbuilt saloon, black with red w.w., particularly smart and sound, £65

and sound, £65,

1928 8hm coachbuilt saloon, dual blue, smart little car and very good runner, £49.

1928 8hp 4-scater, maroon, smart and ready for season's running. £35, 1927 10-26 coachbuilt saloon, maroon, good appearance and general condition. £42.

1926 10-26 4-scater, blue, f.w.b., good tyres, etc., genuine bargain,

Newnham House, 237 Hammersmith Rd., London, W.6. Riv. 4646. 974-225

SINGER, late 1930 Junior sports, perfect condition, one owner-driver, taxed year, any trial, £85. Melbourne, Breakspear Avenue, 85. 974,816

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

SINGER 1930 8hp saloon, mileage under 2,000, car absolutely as new, £89. Memberys, Young's Corner, Hammersmith. Riverside 0740.
974-88

SINGER Junior. £7 deposit; 75 guineas cash. Late 1930, tourer, 2-tone blue, one owner, very small mileage, carefully used, practically new; free tax, free insurance to cash buyers; 100 cars in atock, list free; exchanges. Open all week-days, including 8aturdays, 9-8; Sundays 9-1, Rowland Smith, 78-81 High St., Hampstead. One minute Hampstead Tube. 'Phone, Hampstead 4881,

SINGER. £7 accepted for quick sale. 1923 2-seater, dickey, starter, clock, speedometer, spare wheel, runs well. 19 Holmdon Avenue, Herne Hill. Brixton 0384.

SINGER, 1931 Junior sportsman's coupe, very smartly Splabed in black with green wire wheels, grey plo carpets and upholstery, built-in luggage trunk, tax paid, only 2 weeks' old, mileage under 200, full giarantee, quite as new, cost £155 accept £130. Whithy's, Singer Distributors, 1 and 7 The Vale, Acton, London, W.3. 974-270

SINGER 1930 Junior saloon, sliding root, chromium plating, usual price £87 10s, during our sale special bargain price £79. Whitby's, 1 and 7 The Vale, Acton, W.S. Shepherd's Bush 1513. 974-269.

SINGER Junior 1929 4-door coachbuilt salcon, many extras, nice appearance, tyres as new, unique deterred terms. £66. 516-522 Streatham High Rd., S.W.16. 'Phone, Pollards 4444. 974-12-5

SINGER.

Save your time and money. Consult a specialist on your Singer problems.

SINCER sales, service, spares. Murphy, 17 Sheen Lane, Mortlake. 3303 Richmond. 974-247

SINCER, £15!!! 10bp tourer, excellent tyres, one owner, perfect throughout, taxed. K.J. Motors, Bromley. Raveusbourne 5456-7. 976-535

SINGERS, under £100. See page 22.

974-113

STANDARD. £14, 1924, 11.4hp, 4-seater de luxe, complete equipment, bumpers, taxed, exceptional car. 86 Acre Lane, Brixton. Phone 3401.

STANDARD 9, 1930 Teignmouth long sunshine saloon, one owner, scrupulously kept, condition throughout as new, unique deferred terms, £120. 516-522 Streatham High Rd., S.W.16. 'Phone, Pollards 4444.

STANDARD 1924 11.4 2-seater, good tyres, fully equipped, exceptional order, £12 10s. Ward and Co., 5 Upper Richmond Rd. East Putney 2818.

STANDARD 9. Stoele Criffiths, 1931 de luxe 4-speed saloon, almost shup-seiled, 195 guineas. Court House, Camberwell New Rd., S.E.S., Rodney 2201.

STANDARD 9. Steele Griffiths, 1930 sunshine saloon, £115. S.G. House, Camberwell Green, S.E.5. Rodney 2201. 974-411

STANDARD. See the Naylor and Root Largains on page 20. 974-147

STANDARD 1931 Big 9 Swallow saloon, all cream, light brown wings, 6,700 miles only, 4 speeds, wire wheels, taxed year, absolutely as new throughout, £195; exchanges, deferred. Open week-ends. Clapham Automobiles, Ltd., 72 Park Hill, Clapham, S.W.4. Macaulay 4426-7.

STANDARD, 11.4, 1924 4 seater, starter and full equipment, sound and reliable, ready for use, £8. Central Auto Service, 15-17 Putney Bridge Rd., Wandsworth. Phone, Putney 4466. Open Sundays.

974-g182

STANDARD 9, 1929 Teignmouth long sunshine saloon, nice mechanically, appearance and tyres as new, fully equipped, unique deferred terms, £92. 516-522 Streatham High Rd., S.W.1o. 'Phone, Pollarda 4444.

STANDARDS. 400 car list post free, 1924 to 1931 new and used cars in stock; saloons, coupes, sports, landquiets, touring, 2-scaters, etc. Open till 8.30 p.m. week-ends included; exchanges and terms, distance no object. The Northern Motor Olympia, Bambers, Statien, Southport, 'Phone, Birkdale 66161 Branch showrooms, 4 Guildford St., Leeds; 16 Cambridge St., Sheffield.

STANDARD 9 1929 Teignmouth labric saloon, sliding roof, black and cream, £100. Below.

STANDARD 1929 9hp Fulham saloon, brown, one owner only, taxed to December, £85. Leeds and Oxley. Paddington 3843. 974-364

STANDARD 1931 Big 9 coachbuilt saloon, demonstration only, taxed, £190. Bruton Garages, Ltd., 4 Blenheim St., New Bond St., W.1. Maylair 4737. 974-374

sTANDARD 10, 1930, £162 10s., Swallow saloon,) bumpers, spotlight, extras, mileago negligible, definitely as new throughout; exchange terms. Ward and Co., 5 Upper Richmond Rd. East Putney 2818.

SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

STANDARD big 9, 1931 special fabric saloon, 4 speeds, bumpers, wire wheels, splendid condition throughout, guaranteed, list price £245, unique deferred terms, £169. 516-522 Streatham High Rd., S.W.16.

'Phone, Pollards 4444.

STANDARDS, under £100. See page 22.

974-114

STANDARD. Smith-conditioned spells safety for used-car buyers.

STANDARD 9 Swallow 1930 saloon, practically new, marcon and cream, very last; deposit £40, balance £155.

STANDARD 9 1929 special saloon, sliding roof, safety glass, black and cream, exceptionally good condition, £25; balance £85.

STANDARD, 1930 4-cylinder, high-compression engine, 3 speeds forward and reverse, detachable and interchangeable wire wheels and spare, usual complete equipment, including air speed indicator; only done 2,000 miles, fitted with standard Avon Swan sports 2-scater body with cycle-type wings and disappearing hood; colour scheme pium red with cream wheels and line; upholstery to match. A very attractive car, exceptionally tast, 65 m.p.h. Deposit £35, balance £150.

F. G. Smith (Meters), Ltd., Goodmayes, Hiord. 'Phone, Seven Kings 1000 (7 lines). 974-95

STANDARD, 1931, 9hp raloon, chromium-plated, very small mileage, £148. Rose and Young, 97 Streatham Hill, opposite "Locarno, 7 Tel., 974-305

STANDARD. Newnhams always have an excellent selection of used cars available. Full list on request.

1931 Big Nine 2-seater and dickey, blue, mileage under 500, £175.

1931 Big Nine sliding-roof saloon, dual colours, exceptional value, £155.

1930 9hp Teignmouth sliding-roof saloon, black with cream w.w., one owner. £125.

1929 9hp Teignmouth sliding-roof saloon, marcon with cream w.w., exceptional order, £99.

1928 9hp opening roof saloon, blue, nice order, £69.

Newsham House, 237 Hammersmith Rd., London, W.6. Riv. 4646. 974-226

STANDARD, brand new 1931 Big Nine saleen, sliding roof, wire wheels at 179 guineas (listed £215, plus £2 10s. delivery), unregistered, slightly shop-soiled only, never used for demonstration. Vadum Co., 352 High Rd, Willesden Green, N.W.10. Willesden 2469.

STANDARD 1931 Big Nine coachbuilt sunshine saloon, black-cream, shop-soiled only, full guarantee, £180. Below.

1930 (March) Teignmouth saloon, black-white line, first-class throughout, usual guarantec, £123. Below.

1929 (July) Teignmouth saloon, black-red, 100% mechanically, sound tyres, same owner since new, very attractive, £98. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 8, Saturday 6, Sunday 10-1. 974-196

STANDARD 9, 1929 Teignmouth saloon, sliding roof, mechanical condition, perfect. £97 10s.; motorcycles in part; deferred terms. Broadway Motors, 19 Woodstock St., Oxford St., W.1. Maylair 5489, 974-292

STANDARD 9. 1928 model 4-door fabric salcon, splendid condition throughout, licensed. £60; exchanges, terms. Norrington's, 245 Goldhawk Rd., W.12. Open Sunday mornings. 974-185

STANDARD, £175!!! 1931 big 9 special saloon, black and red, safety glass throughout, bumpers, mileage 3.000 only, absolutely perfect and indistinguishable from new, taxed December. Below.

£117 10s. 1930 Standard 9 Teignmouth saloon, blue, bumpers, sliding roof, as new. K.J. Motors, Bromley. Ravensbourne 5456-7. 976-536

SWIFT, 1928 10hp Jabric saloon, black with maroon wings, leather, 265. II. and A. Motors, 69 Church Rd., Upper Norwood. Livingstone 3122. (Open Sunday 11-1 p.m.) 975-808

SWIFT. 1930 10hp sun saloon. 4 speeds, excenent condition, bargain, £125; exchanges, deferred. Smith Auto Co., Ltd., 145 London Rd., Croydon. Croydon 2182-1688. 974-295

SWIFT, £35, exchanges!!! 1926-7 10hp de luxe, 4-seater, leather upholaters, f.w.b., new tyres, electric dipping light, thoroughly overhauled, taxed for year, must be seen and tried to appreciate condition. Chidles, 579b High Rd., Tottenbam. Phone 2920. 974-323

SWIFT. Cooke's Motors offer 1929 10hp Fleetwing sports saloon, cost £295. £95. Brighton Rd., Sutton. Open week days 9, Sundays 5. 'Phono 3800.'

SWIFT. See the Naylor and Root bargains on page 20. 974-149

SWIFT. Cooke's Motors ofter 1928 10hp Nomad snorts saloon, £70. High St., Sutton. Open week-days until 8, Sundays 1. 'Phone 4660. 974-389

LIGHT CARS AND CYCLECARS FOR SALE

SWIFT £4, 9.8hp 2-scater and dickey, dynamo lighting and starter and usual equipment, the car looks all right and runs well Barnes, The Cottage, 25 Leigham Court Rd., Streatham. 'Phone 9221. 974-316

SWIFT, 1930. 10hp labric 6-light saloon, pneumatic upholstery, small mileage, perfect condition throughout, £130 cash, or £30 down and 12 monthly payments of £9. McCarthy's Motors (1925), Ltd., 28 Oucens Rd., Bayswater, W.Z. Park 7766.

SWIFT, 1931, Cadet Sup. coachbuilt saloon, colour blue, sunshine roof, tank at rear, bumpers, etc., unscratched, £119.

SWIFT, 1931 sunshine saloon, Crusader model, mileage 1,000, humpers, tank at rear, £145.

SWIFT, 1929 10hp, 4-door saloon, wire wheels, 4-speed, leather upbelstery £79. Rose and Young, 97 Streatham Hill, opposite "Leatno." 7ct., Streatham 9520-1, "174-306

SWIFT. Newnhams always have an excellent selection of used cars available. Few examples below, but full list on request.

1931 8hp Cadet coachbuilt sliding roof saloon, black and green, hardly soiled, £110.

1931 10hp Nomad saloon, maroon with cream w.w., moderate mileago only, £148.

1930 10hp drop-head coupe, dual colours, beautiful condition, £128.

1930 10hp Paladin coachbuilt sliding roof saloon, marcon, one owner, most attractive, £135.

1929 10hp Migrant sliding roof saloon, black with cream w.w., amazing value, £95.

1928 10hp 4-seater, dual brown, fitted with w.w. and several extras, nice condition, £46.

1926 10hp 4-seater, maroon, fitted f.w.b., starter, etc., £23.

Newnham House, 237 Hammersmith Rd., London, W.6. Riverside 4646.

SWIFT, 1928 (April) 10hp 4-door saloon, leather upholstery, one owner throughout, beautifully kept, £72. Smith, 407 Edgware Rd. 974-205

SWIFT 10, £1351!! 1930 saloon, spotless condition, Denmars 132.3 Long Acre, W.C. Open week-ends, Temple Bar 8135-6-7, 974-333

SWIFT. Andrews Automobiles for Swift bargains.

SWIFT 4-scaters and saloons, £40 to £75, ready for the road, taxed, insured and guaranteed 3 months; simplest hire-purchase scheme in existence. Write for list of 100 light cars or call.

Andrews Automobiles, 37 Sheen Lane, Mortlake (Station). 'Phone, Richmond 0576.

SWIFT, 1928 10hp fabric saloon, black, with marcon wings, leather, £63. II. and A. Motors, 69 Church Rd., Upper Norwood Livingstone 3122. Open Sundays 11-1 p.m. 974-174

SWIFTS, under £100. See page 22.

974-115

TALBOT 10-23 4-seater, first registered December 31st, 1925, very geod condition, taxed, £20. E.S. Motors, 325 High Rd., 971-4419 974-419

TRIUMPH Scorpion, 1951. 6-cylinder coachbuilt sliding roof saloon, mileage under 2,000, £189. Below.

TRIUMPH 7. 1930, do luxe labric salcon, black and red, soveral extras, exceptional condition, taxed, £107 10s. Hyams Bros. and Heard, 19 Beynon Rd., Carsbalton, Tel., Wallington 1917. 974-301

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(Supplement xix.)

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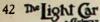
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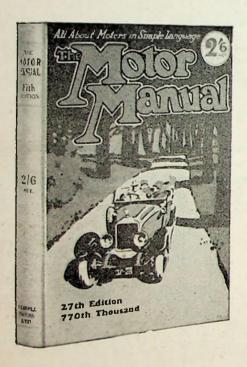
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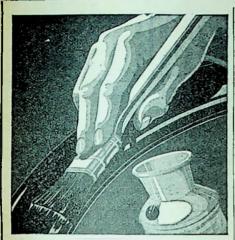
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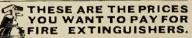
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