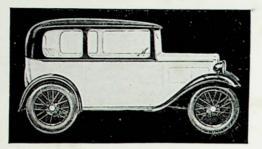


### TWO of THE 100



#### The AUSTIN 7 DE LUXE £128

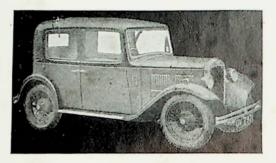
Sunshine Roof, Real Leather Upholstery

A wheelbase 6 inches longer than previous Austin Sevens, a sunshine roof that is easily opened or closed from the driver's sent, deep pneumatic cushions, both front seats made to tip and independently adjustable, very wide doors, chromium plated centres to wheels.

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The AUSTIN TEN-FOUR DE LUXE £168

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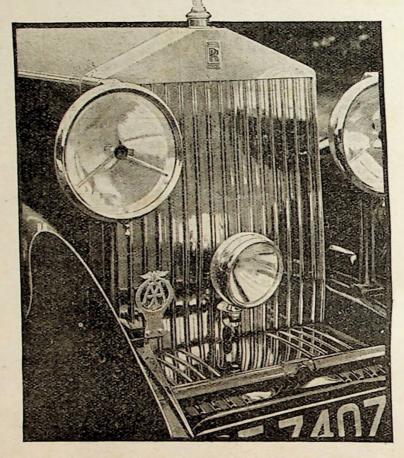
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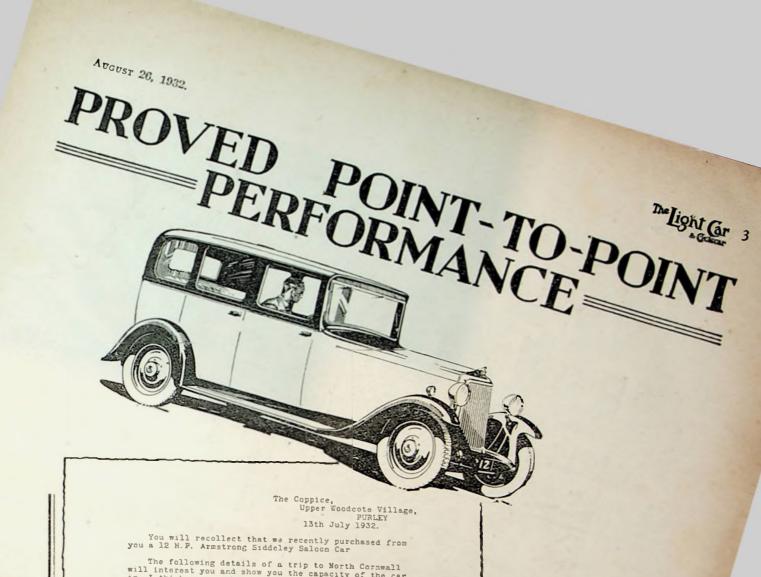


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The following details of a trip to North Cornwall interest you and show you the capacity of the car I think, a remarkable way.

We left Purley at 6.12 a.m. on Sunday, June 19th, my wife driving unchanged through the journey. We did 35 miles in the first hour and 72 in two hours. We rested twice on the way for a period of 45 minutes in all and entered Exeter at 11.55 a.m. having driven 173 miles in as near as possible 5 hours flat.

This was done without in any way pushing the car. We reached the neighbourhood of 60 m.p.h. twice but only for very short distances, and our two passengers were not put to the slightest disconfort; and our small dog slept practically the whole way.

- The plain facts are these
  1). The ease of the self-change gear eliminates fatigue

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We have now had three Siddeleys and my wife has driven nearly 50,000 miles without a mechanical breakdown. Her average is nearly 1,000 miles a month.

11.55 You are at liberty to make what use you like of this lotter which is a gonuine testimonial to the value of a most excellent car.

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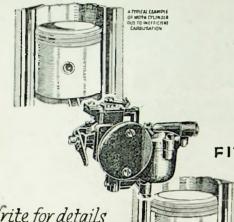
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Make good that scratched wing or panel with Brushing Bripal Cellulose Lacquer. It is quick drying and you can secure this material in the exact colour to match the original Bripal finish on your car and of the same high quality and brilliance.

In 2/- and 3/9 tins.

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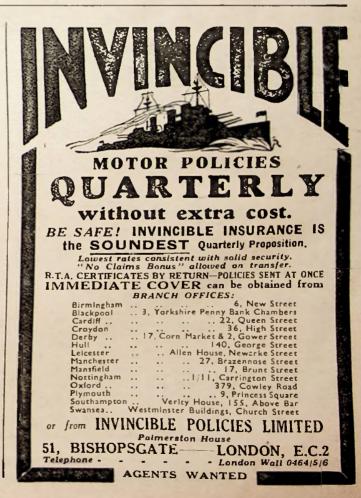
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ALL THE CARS IN BOTH TEAMS WERE EQUIPPED WITH DURON (Subject to Official Confirmation.)

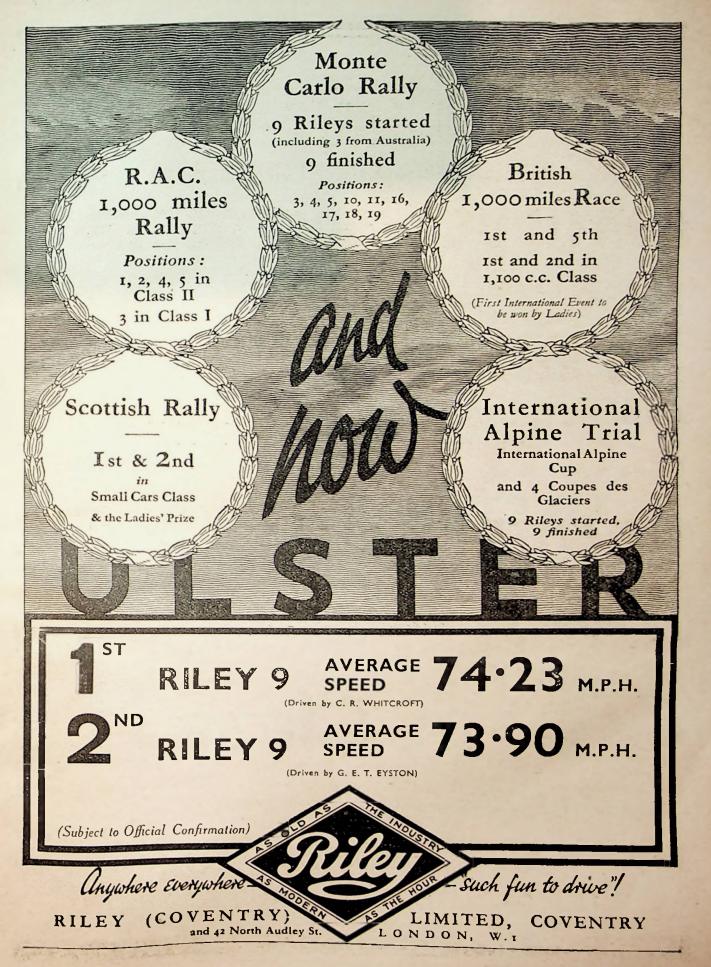
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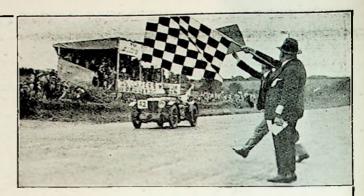
**BUXTON.. DERBYSHIRE.. ENGLAND** 

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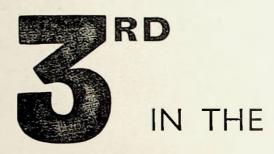
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THE M.G. MIDGET WINNING LAST YEAR'S ULSTER T.T.

**FINISHES** 



## ULSTER T.T. RACE

Driven by Mr. E. R. HALL (Average speed 69 93 m.p.h.)

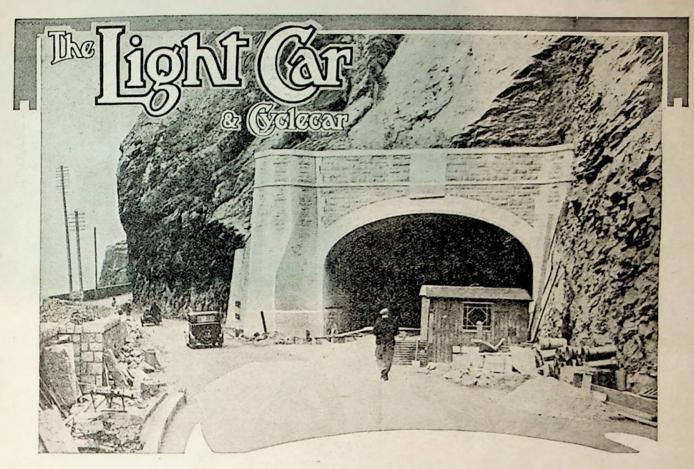
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Issued by the Publicity Dept. of the M.G. CAR COMPANY, LTD., ABINGDON-ON-THAMES



IMPROVED WELSH COAST ROAD.

The main road round the coast of North Wales from Chester to Holyhead is undergoing extensive alterations. At this point on the Penmaenback Headland, near Conway, the new road will pass through a very fine tunnel.

## What's On . . .

#### The Cream of the News

- A GREAT T.T.—and a great victory for Rileys. Hearty congratulations to all concerned.
- RECORD CROWDS, it is stated, attended the T.T. this year—a happy augury for the continuance of this classic road race in Ireland.
- MAJOR GARDNER, we are pleased to learn, is making good progress following his crash at Ulster. Hamilton, too, is well on the mend.
- A SPECIAL ATTRACTION in Belfast during T.T. week was the film "The Crowd Roars." The racing crowd in the audience did! A real thriller.
- LIGHTING-UP TIME in London to-morrow, August 27th, is 8.59 p.m. Turn your money on August 30th—but don't look at the new moon through glass!
- TRIUMPH AND WOLSELEY developments are dealt with fully in this issue. Special bodywork for the Wolseley is also featured. Look out for further interesting 1935 programmes next week.
- No. 1029. VOL. XL.

- A CARAVAN RALLY will take place at Minchead this week-end.
- ZIG-ZAG induction. Louis Mantell deals with an interesting technical aspect this week.
- REAR ENGINES. A correspondent re-opens a time-honoured subject of discussion in "Our Readers' Opinions."
- A MY-1 is, we believe, the first of the new three-letter registration numbers to be issued. It is on an Austin 12-6.
- A HEARSE caught doing 50 m.p.h. at Llanelly cost its driver £1 for exceeding the commercial vehicle speed limit.
- SMALL ADS, for The Light Car and Cyclecar will close in future at 6 p.m. on Monday for the following Friday's issue. Displayed advertisements, however, can be accepted until the first post on Tuesday. The new arrangement will allow readers living in remote parts to get Sunday-posted small ads, into the next issue.

- THE SHOW is only seven weeks off. Our preliminary descriptions indicate that there will be plenty of outstandingly interesting models on view.
- LIFTS are almost impossible to get in these Dick Turpin days, according to a "hobo" who was given a ride by a member of our staff last Monday.
- A N S.O.S. of the road is pleaded for by a writer in The Motor. It would certainly be nice to be able to let a man know that his luggage was falling off without the usual muddle.
- FREE STATE duties on British light cars are now very heavy. For example, the Armstrong Siddeley £260 model costs £399 in Duhlin, according to a Motor News advertisement.
- LIGHT CAR CLUB Relay Teams have been invited to enter for Shelsley on September 3rd, and it is hoped that there will be several in the list. News of the event appears in this issue.
- OLYMPIA CHANGES this year include the accommodation of the Conchwork Section in the New Hall, which adjoins Hammersmith Road, and of the Garage and Service Section in the big hall annexe. The car exhibits will be concentrated in the big hall, where they will occupy 47 stands. Taking all sections into account there will be nearly 80 fewer exhibitors than last year.



## The R.A.C. International Tourist Trophy Race

## LIGHT CARS COME HOME AGAIN,

ITH only one pit stop for replenishments, C. R. Whiteroff, driving a four-cylinder 1.087 c.c. Riley, entered by D. C. McLachlan, won the Eleventh International Tourist Trophy Race of the Royal Automobile Club—the fifth to be held over the tortuous Ards circuit in Ulster.

By the time the race had been in progress half an hour, and the cars had settled down to their work, Whiteroft had worked his way into third place.

This position he sacrificed temporarily to Victor Gillow (Riley), but by 2 p.m.—three hours after the start—he had secured second place, and a fraction after 3 p.m. he ran into the lead, holding his position securely until the end.

He covered the 410-mile course in 4 hrs. 58 mins. 4 secs. at an average speed of 74.23 mp.h., and crossed the line 1 min. 23 secs. Whitcroft (Riley) First, Eyston (Riley) Second and Hall Graphic Report of a Race Packed With Thrilla

A complete list of the results together with an analytical survey of the race appears at the end of this report.

ahead of George Eyston, in a Riley of similar type.

Until just after 3 p.m. it looked as though Rileys would be first, second and third. Then, however, Freddie Dixon, who had hung grimly Freddie Dixon, who had hung grimly to the lead and had been steadily improving on his handicap, crashed sensationally, letting E. R. Hall (M.G. Midget) into third place.

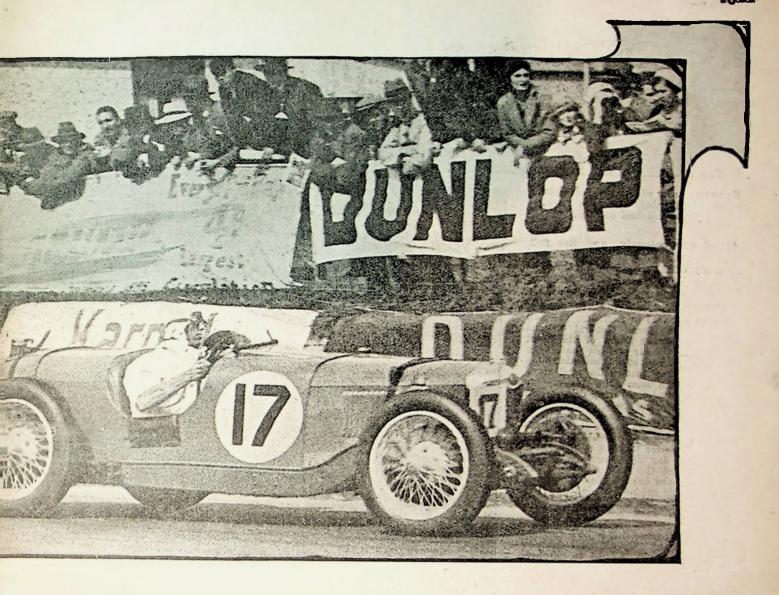
Fourth and fifth places fell, after magnificent driving, to Earl Howe and Sir Henry Birkin (2,336 c.c. Alfa-Romeos), Rose-Richards and

the Hon. Brian Lewis (Talbots) were sixth and seventh respectively. and McClure added still further to the Riley laurels by gaining eighth place with the 1½-litre model.

Aldington, in his Alpine Frazer-Nash—put in at the last moment, by the way—was ninth, and J. G. C. Low completed the list of those who inished within the qualifying time by bringing his unsupercharged M.G. Midget into tenth place after a run of almost unparalleled regularity, for from beginning to end he made no stop; and his was the only car in the race which did not stop.

Once again, therefore, light cars have triumphed in one of the world's

have triumphed in one of the world's classic motor races, and once again the names of Riley and M.G. are pro-



1.G. Midget) Third.

First to get away at 11 a.m.—the Rileys, the Crossleys and the Alta. Eyston who held the lead for the first lap is seen on the extreme right. He finished second in the race.

minently to the fore; the leading Rileys, indeed, performed the almost incredible task of beating the speed of Caracciola's great Mercedes which won the race in 1929 at 72.82.

Even allowing for the more favourable conditions under which last Saturday's race was run, this was a phenomenal achievement, the contemplation of which almost takes the breath away.

the breath away.

Equally breath-taking was the manner in which Earl Howe and Sir

Henry Birkin handled their Alfa-Romeos. Again and again Sir Henry lowered the lap record, and he crowned his efforts towards the end of the race by putting in a lap at 83.20 m.p.h.

The spectators showed extraordinary enthusiasm, wave after wave of cheering greeting the outstanding incidents of the struggle. Accidents—and marvellous escapes from accident—there were

Accidents—and marvellous escapes from accident—there were in plenty, and the sympathy of every sportsman will go out to Major A. T. G. Gardner, who crushed badly

during the race and is now in hospital with a fractured thigh, and to H. C. Hamilton, who came to grief in practice.

Both men are, we learn with relief, making excellent progress; in fact, Hamilton actually watched the progress of the race from Newtownards.

Other unfortunates were Gillow Dixon and T. G. Moore; they



Eyston (on right) and his mechanic Denley, after the race.
Eyston finished second.

escaped miraculously, and the full details of the incidents, together with the story of the race, now follow:

#### THE RACE

SATURDAY, August 20th, dawned bright but cool in Belfast. The hall porter at the Grand Central stepped through the swing doors of the great hotel to sniff the air and his sharp eyes fell on a small knot of enthusiastic young Irishmen. They formed the nucleus of a crowd which soon grew bigger—for were not most of the racing drivers and their crews staying there, and wouldn't it be fine to get a glimpse of them (and

perhaps their cars) before they set off along the road for Dundonald?

The hall porter thought it was going to be a fine day and probably said so to himself; at the same time an army of people in the hotel—officials, drivers, mechanics, pit attendants and folk who had come over the water especially for the occasion, were echoing his senti-

ments. Obviously it was going to be a fine day for the race, and they all came down to breakfast and said so, one to another. The race, the only real road race in Britain—what a shame if it rained—but it wouldn't, it couldn't, it mustn't!

And it didn't. What a day!

Out in the street a racing car drew up. The crowd surged round it and two hefty members of the Irish Contabulary pushed their way through the jostling folk. Did they say menacingly "Get a move on there?"—not a bit of it. They wanted to have a peep themselves!

By S.30 a.m. trams going towards the course were crowded, and every known trans of locometers appeared to have

type of locomotion appeared to have been pressed into service to take the happy folk to the T.T.

Stately motors rode side by side with

jaunting curs. In and out darted sellers of programmes and souvenirs; large numbers of the poorer section of the community were footing it, with haver-sacks containing the day's provisions on their backs.

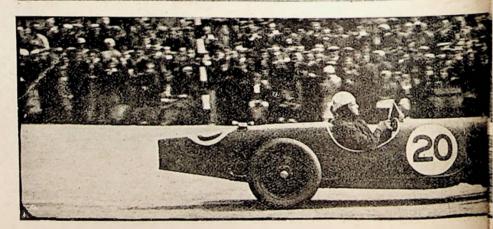
In short the World and his Wife, of Ulster, were out to make a holiday of it and they meant to start early.

Not such fun getting to the course, though. The direct rond to Dundonald was reserved for officials and competitors. Spectators were diverted up the narrowish road which climbs to the ceiling of Belfast and then descends like an escalator behind the pits.

But what a view over the famous city and the sea beyond and the dark blue hills on the other side with their heads in the clouds.

Between those self-same clouds the sun suddenly showed his kindly face.





Oh! it was going to be a fine day for the race, begorra it was!

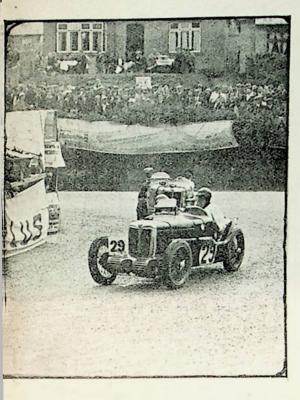
When the area in front of the pits was at length cleared it was as though a curtain had been lifted so that the audience in the grandstand could see the principal actors in the piece. And a stirring setting it made.
Arrayed skew-wise in their allotted

positions were the low rakish vehicles of

which every driver and his equipe ex pected so much.

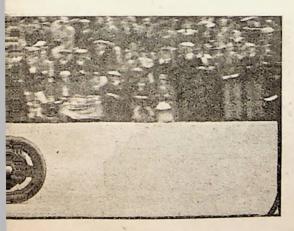
On the left—as viewed from the grandstand—were the Alfas, their maroon bodies contrasting strikingly with the vivid green of Fox's Talbots and Esplen's gleaming cream and chromium model of the same marque.

Then came the more subdued colour note of the Frazer-Nashes, Lea-Francis and Aston-Martins-the gay splash of 363



#### ROUND THE COURSE.

(Top, left) On Quarry Corner. Eyston (Riley) followed by Dixon (Riley) take the bend fairly close in -witness the wheel marks of other cars. (Bottom, left) The six-cylinder Riley (McClure) sweeps past Crowther (Crossley) who had slowed down with engine trouble near Quarry Corner. (Above) J. D. Barnes leading Norman Black (both in M.G. Midgets) round Dundonald Hairpin. (Below) Dixon, the famous motorcycle T.T. rider speeding past the tightly packed spectators.



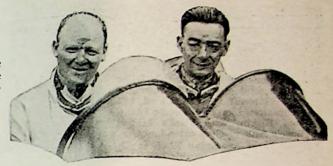
the nine Midgets. A hright blue Riley formed a sudden relief, then came the cream-coloured Crossleys, the green Alta and the predominating blue of the batch of Rileys which rounded up this varied

assortment of super-sports cars.

All "stripped" remember; no ugly wings or lamps, just like the real thing.

Mascots there were in plenty. Here a Mickey Mouse strapped to the radiator, there a flower-bedecked horseshoe on

The third man home -E. R. Hall. He successfully kept the Midget flag flying and finished in fine style.



the front dumb-iron-and on one Riley a

sprig of white heather.

And behind all this a quiet, peaceful countryside dotted with marquees, grandstands, refreshment booths, gaily coloured advertising signs, thousands of people and masses of cars parked in

orderly array.
Fifteen minutes before the race was due to start a squad of police drew up in front of the grandstand and amidst the cheering of the multitude their Graces the Governor and the Duchess of Abercorn, attended by a distinguished company, stepped from their car and were given an official welcome by Commander Armstrong of the R.A.C.

Heads were uncovered and the whole assembly rose to its feet as the strains of the National Anthem floated across the countryside from the battery of loud-speakers adjacent to the scoring board. How fine they are, these splendid Ulster-

Then we all turned expectantly to-wards the road in front of the footbridge, and the drivers and mechanics of bridge, and the drivers and mechanics of the Rileys and the Crossleys and the Alta shook themselves down into the cockpits of their cars, for they would be the first away with three laps and 7 mins. 6 sees, handicaps to their credit. Not that they started from the limit mark, far from it; it just happened that, as was explained fully last week, their start "fitted in" for 11 a.m. And while we are waiting for the flag to fall, let it be explained that we need not

fall, let it be explained that we need not be vastly concerned over this handicap the start, for we may follow the progress of the race itself from a handicap point of view and thus obtain a clear and accurate conception of what is going forward. Let us, in fact, view it as though the whole thing were being re-enacted.

The start takes place success, catches the broadcast announcer unawares, and whilst he is in the middle of a general statement his "voice" is The start takes place suddenly; it Rileys and the Alta are away but, bad omen, two of the three Crossleys are obstinate and are left on the line for 10 full and precious seconds.

Low's valiant unsupercharged M.G.

Midget then slips quietly into the fray—to continue non-stop for 410 miles and gain tenth place in the race.

Batch after batch follows, some get

away cleanly, others hesitate, and at last only those two formidable Alfa-Romeos are left, Sir Henry Birkin in one, Earl Howe in the other. First genr is in, clutch is held out, a finger hovers over each starter button .

Sir Henry appears to get off the mark quicker than his fellow sportsman, for with "No. 3" valuable yards ahead they scream under the footbridge and go tearing down the straight towards Quarry Corner.

Comes the voice of the announcer: "Eyston's Riley is first at Newtownards"... a pause... "Whiteroft is first at Comber... Whiteroft leads at Dundouald..." at Dundonald . . ."

What a thrill! We strain our eyes

down the road to catch the first glimpse of him and we reflect on the titanic struggle which is going on already on this magnificent road circuit dominated by the famous Scrabo monument.

Here comes a small speck which grows rapidly larger and appears to be sliding along the polished road towards us at incredible speed, behind there is another, and another. A sudden burst of sound and they are sweeping past, Whiteroft first, then Eyston, Gillow, Dixon and Staniland—only yards be-Dixon and Standard—only yards between them. Follows Sullivan (Lea-Francis) only 300 yards behind them, then Von der Becke and Wisdom in the remaining Rileys, Moore's Frazer-Nash and "Karachi's" Alvis. The standerowds rise to their feet and cheer but those behind cry "Sit down!"

Next comes the Alta, a little suhend of Oats's Crossley, then Aldington in his unsupercharged Alpine Frazer-Nash and Shuttleworth's Aston-Martin-and two low dark-coloured cars snaking at well over the 100 mark down the road—the

They have already passed the rest of the field and they know that they have got to go "some."

#### The First Pit Stop.

McClure's Riley passes Paul's M.G. Midget, which then heads the smaller chaps—all Midgets and going well; finally, in stately line-ahead formation, come the redoubtable Talbots and the first lap has been completed.

No. 23 alas! pulls into its pit and

Balls struggles with a shock absorber mounting of his Crossley.

We learn from the loud-speaker that Hailwood's Midget has had to stop at Comber "for adjustments." He arrives at last and waves a hand to signify that all is O.K.

A longish wait-or so it seems-and then come the Rileys again. Eyston has wrested the lead from Whiteroft. Sulliwan tries to pass Standard opposite the grandstand but fails, and with a wheever earl the rest come hurtling past.

Most definitely the race is on!

Pit stops begin to cause anxiety.

Hindmarsh's Talbot pulls up and a jet of steam shoots into the air as the filler cap is flung back. Fresh water is hastily added and he is away; but he stops several times later for the same reason and discovers too late that the ball release valve in the radiator has jammed.

Gardner fails to appear, and the news trickles through of his crash. What terrible luck! He has skidded at Glen Hill, struck the grass verge and somersaulted twice. His mechanic has

#### THE T.T. (Contd.)

escaped fairly lightly, but Gardner is on his way to hospital with a fractured

The positions change. Dixon's Riley slips into second place, hotly pursuing Eyston. Whiteroft is close behind, but Gillow threatens him. Then come Staniland and Birkin, with Paul's Midget and Rowe's Alfa in close attendance.

The leader is averaging 72.85 m.p.h. and has gained 26 sees, on his handicap.

The first withdrawal-apart from Gardner—is Oats's Crossley, at Comber, with clutch trouble.

with clutch trouble.

Five minutes afterwards—at 11.55
a.m.—Staniland's Riley "goes out" and
Wisdom's Riley follows—having hit a
shop at Newtownards Corner and
wobbled back drunkenly to the pits.
F. S. Barnes's M.G. Midget gives up at Quarry Corner, having been in collision with one of the Talbots, which could not avoid the little M.G. as it skidded broadside.

More minor pit stops, more reports of skids and minor collisions at New-townards and Comber, and more excite-ment as Freddie Dixon takes the lead at 12 noon, with 2 mins. 21 secs. to play with on handicap, but only seconds ahead of Eyston. Gillow's

Riley now lies third.

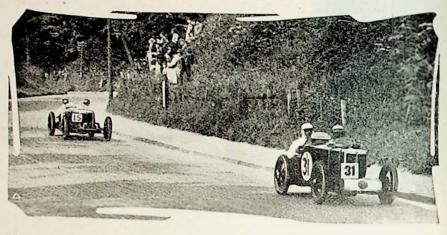
Behind him come Whiteroft, Paul's
Midget, Birkin, Howe and Von der
Becke. Birkin is averaging \$1.33

At 12.20 p.m. Gillow changes his plugs—in three minutes—and at 12.25 p.m. the Alta gives up the contest, having hit the famous butcher's shop in Comber. At 12.30 p.m. only three complete teams are left in the race, but Gillow's stop has lost him third place, and Whiteroft has slipped into it.

Dixon, Eyston, Whiteroft—so the battle goes on until 2 p.m., when Whiteroft takes second place and Eyston

In the meantime Birkin has taken four churns of petrol and one gallon of oil on board and has changed both back wheels—in 2 mins. 25 secs.; Dixon has refuelled in 62 secs.; Paul's M.G. Midget has retired, and there have been more

pit stops amongst the backmarkers.
At 2.10 p.m. Tom Moore does battle with his car for 500 yards before letting it have its own way in the front garden



Cyril Paul (Midget) being pursued Wriggling round the bends. by McClure (Riley) on one of the most treacherous sections of the circuit.

of a cottage at Ballystockart-the same that Hamilton invaded during practice -and Hailwood's Midget, after a fine run, goes out with a broken valve. Gillow has crashed as well, and his car

is too badly damaged to continue.

Then the crowd gronns, for Birkin slithers to rest at his pit. His oil pressure has dropped ominously. He flattens himself on the road and peers beneath the Alfa . . . a quick adjustment and he is vaulting into the cockpit and off down the course like a flash; but the stop has cost him dear-from fifth to eighth place in one fell swoop and 12 full minutes to make up on the leader.

Howe is not a lot better off, for at 2.30 p.m. he is over two minutes behind his handicap average, and Dixon is still going great guns in the lead, or so it appears, until with a gasp the great crowd in the grandstand and in the fields adjoining suddenly see that Whit-

eroft has passed Dixon! What cheers, what excitement, what

speculation!

Whiteroft leads, Dixon is only a matter of yards behind, Eyston is still hugging third place, and Hall, Howe, Birkin, Rose-Richards (Talbot) and Norman Black (M.G. Midget) are bringing up the rear. What's this?

Dixon has overturned at Quarry Corner ?

The crowd gasps-it can't be true;

but it is, and Dixon and his mechanic are lucky to be alive, in view of the antics of the car, which has finished in a field after vaulting a hedge.

The toll of retirements goes on. Crabtree's Midget is out. It simply wouldn't go, and, like Hindmarsh, he discovered his trouble too late—a punctured float; Esplen's Talbot, also, is in the dead-car park.

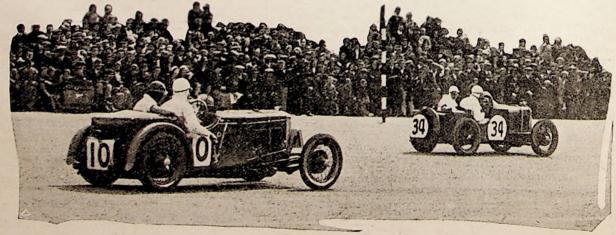
park.

At half-past three the excitement is intense. Whiteroft leads Eyston by just over a minute, but there are some three more laps and a bit to go. Is Eyston waiting his chance to swoop. . ? Hall, too, has come into the picture, but he is eight minutes behind. The Alfas have been driven almost to breaking point, but if anything happened to the Rileys. . . Eelk begin to wonder what chance the

Folk begin to wonder what chance the backmarkers really have. Rose-Richards and Lewis (Talbots) are going wonderfully, but they're a long way behind. Aldington is running beautifully --performing prodigies, in fact, with his unsupercharged Nash.

Meditations are at length interrupted and speculation set at rest. Whiteroft is on his last lap, has passed through Newtownards without mishap, has strenked through Comber, and is speed-

No good telling people in the grand-stand to sit down now . . . there's the checkered flag, there's good old Ebby,



SQUARE.

CROSSING NEWTOWNARDS — Aldington (Frazer-Nash), his hand on the gear lever ready to make a lightning change up, is seen in the wake of E. R. Hall (Midget). Note the crowd lining the square.

there's Whiteroft's number-17-being held aloft, and there is Whiteroft him-self swishing over the line, winner of one of the greatest races ever at the phenomenal speed of 74.23 m.p.h. with only one stop for replenishing.

Whiteroft raises his hand aloft to acknowledge the cheers, the waving handkerchiefs, the clapping; his mechanic goes one better and lifts both arms high above his head.

And the race is over-or all but over.

Next comes Eyston, then Hall; both are cheered to the echo, and there is plenty of enthusiasm left for the other finishers, which, after all, is just as it should be, isn't it? And just what you would expect from big-hearted Irishmen.

#### THE RACE AT A GLANCE

#### HOW THE RACE PROGRESSED

The table below gives the leaders every half hour, together with the actual time gained or lost on handicap speeds. The times represent the hand cap intervals between the cars.

11.30 a.m.

1. Eyston (Riley) + 26 s. 72.85 m.p.h.

2. Dixon (Riley) + 25 5.5 s., 72.85 m.p.h.

3. Whiteroft (Riley) + 22 s., 72.64 m.p.h.

4. Gillow (Riley) + 14 s., 72.21 m.p.h.

5. Staniland (Riley) + 8 s., 71.89 m.p.h.

6. Birkin (Alfa-Romeo) - 10 s., 79.96 m.p.h.

Paul (M.G. Midget) - 10 s., 69.07 m.p.h.

8. Howe (Alfa-Romeo) - 14 s., 79.70 m.p.h.

Dixon (Riley) + 2 m. 21 s., 74.55 m.p.h.

Eyston (Riley) + 2 m. 21 s., 74.15 m.p.h.

Gillow (Riley) + 2 m. 3 s., 74.15 m.p.h.

Gillow (Riley) + 2 m. 5 s., 74.13 m.p.h.

Whiteroft (Riley) + 2 m. 2 s., 74.11 m.p.h.

Paul (MG) + 55 s., 70.66 m.p.h.

Birkin (Alfa-Romeo) + 27 s., 81.35 m.p.h.

Howe (Alfa-Romeo) + 15 s., 80.75 m.p.h.

Staniland (Riley) - 2 s. 71.44 m.p.h.

12.30 p.m.
Dixon (Riles) + 4 m. 18 . 75.01 m.p.h.
Eyston (Riley) + 4 m. 18 . 75.01 m.p.h.
Eyston (Riley) + 3 m. 31 s., 74.35 m.p.h.
Whiterolt (Riley) + 3 m. 30 s., 74.32 m.p.h.
Birkin (Alla-Romeo) + 53 s., 81.50 m.p.h.
Von der Becke (Riley) + 26 s., 71.81 m.p.h.
Howo (Alla-Romeo) + 19 s., 80.96 m.p.h.
Hali (M.G.) - 16 s., 69.53 m.p.h.
Paul (M.G.) - 28 s., 69.16 m.p.h.

1 p.m.

Nixon (Riley) + 6 m. 21 s., 75 26 m.p.h.

Eyston (Riley) + 5 m. 3 s., 74.45 m.p.h

Whiteroft (Riley) + 5 m. 1 74.42 m.p.h.

Birkin (Alfa-Romeo) + 1 m. 16 s., 81.54

Mirkin (Alla-Romeo) + 1 m. 10 m., 61.5 m.h. Paul (M.G.) + 42 m., 69.97 m.n.h. Howe (Alla-Romeo) + 33 s., 81.01 m.p.h. Hall (M.G.) + 16 m., 69.71 m.p.h. Von der Becke (Riley) + 1 71.48 m.p.h.

Dixen (Riley) + 7 m. 52 s., 75.46 m.p.h. Eyston (Riley) + 5 m. 58 s., 74.45 m.p.h. Whiteroft (Riley) + 5 m. 58 s., 74.44 m.p.h. Birkin (Alfa-Romeo) + 1 m. 37 s., 81.54

Hirkin (Alfa-Romeo) + 1 m. 37 s., 8154 m.p.h. Paul (M.G.) + 1 m. 21 s., 70 23 m.p.h. Howe (Alfa-Romeo) + 59 s., 81.18 m.p.h. (M.G.) + 1 s., 69.90 m.p.h. Rose-Richards (Talbot) - 1 m. 48 s., 77.08 m.p.h.

m.p.h. 2 p.m.

1. Dixon (Riley) + 9 m. 31 s. 75.39 m.p.h.

2. Whiteroft (Riley) + 7 m. 12 s. 74.39 m.p.h.

3. Eyston (Riley) + 6 m. 13 s. 75.39 m.p.h.

4. Hall (M.G.) + 1 m. 20 s. 70.08 m.p.h.

5. Birkin (Alfa-Romeo) - 1 m. 44 s. 79.82 m.p.h.

6. Howe (Alfa-Romeo) - 2 m. 6 s. 79.64 m.p.h.

7. Crabtree (M.G.) - 4 m. 10 s., 67.96 m.p.h.

8. J. D. Barnes (M.G.) - 4 m. 50 s., 67.71 m.p.h.

m.p.h. 2.30 p.m.

1. Dixon (Rilev) + 8 m. 41 s., 74 45 m.p.h.
2. Whiteroft (Riley) + 7 m. 52 s., 74.15 m.p.h.
3. Eveton (Riley) + 7 m. 31 s., 74.04 m.p.h.
4. Hall (M.G.) + 1 m. 38 s., 70.13 m.p.h
5. Howe (Alfa-Romeo) - 2 m. 5 s., 79.80 m.p.h.
6. Rose-Richards (Talbot) - 4 m. 17 s., 76.04 m.n.h.

J. D. Barnes (M.G.) = 4 m. 49 s., 67.92 m.p.h.

m.p.h.

3 p.m.

1. Whiteroft (Riley) + 8 m. 57 s., 74.25 m.p.h.

2. Dixon (Riley) + 8 m. 59 s., 74.14 m.p.h.

3. Eyston (Riley) + 8 m. 23 s., 74.06 m.n.h.

4. Hall (M.G.) + 1 m. 59 s., 70.15 m.p.h.

5. Howo (Alla-Romeo) - 1 m. 43 s., 80.03

m.p.h.

6. Birkin (Alfa-Romeo) - 4 m. 43 s., 79.02

m.p.h.

7. Rose-Richards (Talbot) - 8 m. 57 s., 75.14

n.p.h.

8. Black (M.G.) - 10 m. 40 s., 66.54 m.p.h.

3.30 p.m.

1. Whiteroft (Riley) + 10 m. 43 a. 74.37 m.p.h.

2. Eyston (Riley) + 9 m. 32 s., 74.04 m.p.li.

3. Hall (M.G.) + 1 m. 24 s., 69.93 m.p.h.

4. Howe (Alla-Romeo) - 1 m. 9 s., 80.27 m.p.h.

5. Birkin (Alfa-Romeo) - 4

5. Birkin (Alfa-Romeo) 4 m. 2 1, 79.41 m.p.h.
6. Rose-Richards (Talbot) - 8 m. 58 s. 75.48 m.p.h.
7. Lewis (Talbot) - 12 m. 3 s., 74.62 m.p.h.
8. Flack (M.G.).

THE RESULTS IN DETAIL

Driver and Car.

1. C. R. Whitcroft, 1,087 c.c. Riley
2. G. E. T. Eyston 1,087 c.c. Riley
3. E. R. Hall, 746 c.c. M.C. Midget, S...
4. Earl Howe, 2,356 c.c. Alla Romeo, 8.
5. Sir H. Birkin, 2,356 c.c. Alfa Romeo, 8.
6. T. E. Roso-Richards, 2,970 c.c. Talbot
7. Hon, B. E. Lewis, 2,970 c.c. Talbot
8. E. McClure, 1,486 c.c. Riley
9. H. J. Aldington, 1,496 c.c. Frazer-Nash
10. J. G. O. Low, 746 c.c. M.G. Midget
32 started. 10 finished.
32 started. 10 finished. Time.

4 58 4

4 59 27

5 7 58

5 9 56

5 12 45

5 20 40

5 31 41

5 35 43

5 41 47 N P.H. 74.23 73.90 69.93 80.53 79.79 75.32 75.32 75.30 69.52 68.68 60.17

32 started. 10 finished.

Still running at finish:—J. S. Hindmarsh (2,970 c.c. Talbot), 23; "V. Karschi" (1,492 c.c. Alvis, S.), 28; W. Sullivan (1,496 c.c. Lea-Francis, S.), 29; A. B. von der Becke (1,087 c.c. Riley), 28.
Retired:—W. Esplon (2,276 c.c. Talbot), 16 laps; R. O. Shuttleworth (1,486 c.c. Aston-Martin), 10; C. S. Staniland (1,087 c.c. Riley), 7; F. W. Dixon (1,087 c.c. Riley), 24; T. H. Wisdom (1,087 c.c. Riley), 7; V. Gillow (1,087 c.c. Riley), 11; Vernon Balls (1,098 c.c. Crossley), 8; R. F. Oats (1,098 c.c. Crossley), 4; G. N. Crowther (1,098 c.c. Crossley), 12; J. L. Ford (1,074 c.c. Alta), 8; N. Black (746 c.c. M.G. Midget, S.), 25; S. A. Crabtree (746 c.c. M.G. Midget, S.), 20; J. D. Barnes (746 c.c. M.G. Midget, S.), 22; F. S. Barnes (746 c.c. M.G. Midget, S.), 5; Major A. T. G. Gardner (746 c.c. M.G. Midget, S.), 6; O. Paul (746 c.c. M.G. Midget, S.), 18; S. Hailwood (746 c.c. M.G. Midget, S.), 13.
Non-starters:—Soc. Anon. Alfa-Romeo (Alfa-Romeo) V. Diley (Piley)

Midget, S.], 13. Non-starters:—Soc. Anon. Alfa-Romeo (Alfa-Romeo), V. Riley (Riley), G. F. A. Manby-Colegrava (M.G. Midget).

OVER 2,000 c.c. AND UP TO 3,000 c.c.

1. Earl Howe (2,356 c.c. Alfa-Romeo, S.)
2. Sir H. Birkin (2,356 c.c. Alfa-Romeo, S.)
3. T. E. Rose-Richards (2,970 c.c. Talbot)
4. Hon. B. E. Lewis (2,970 c.c. Talbot)
Record lap:—Sir H. Birkin, 9 mins. 51 secs., 83.20 m.p.h.

OVER 1,100 c.c. AND UP TO 1,500 c.c. 

OVER 750 c.c. AND UP TO 1,100 c.c.

1 C. R. Whiteroft (1,087 c.c. Riley)
2. G. E. T. Eyston (1,087 c.c. Riley)
Record lap:—F. W. Dixon (Riley), 10 mins. 40 secs., 76.84 m.p.h.

OVER 500 c.c. AND UP TO 750 c.c.

1. F. R. Hall (746 c.c. M.G. Midget, S.)

2. J. G. C. Low (746 c.c. M.G. Midget), 11 mins, 17 secs., 72.64 m.p.h.

#### WHAT HAPPENED TO THEM

#### Details of the Performances of each Driver

M.C. MIDGETS (746 c.c.).

E. R. Hail, third in the race at 69.93 m.n.h.

A fine run, stopped only for replenishments.

J. C. C. Low (unsurercharged) finished tenth at 60.17 m.p.h. The only car to make an absolutely non-stop run.

N. Black covered 25 laps and withdrew. He was the winner of last year's race.

J. D. Barnes covered 22 laps and withdrew.

S. A. Crabtree covered 22 laps and withdrew.

Trouble stated to be with petrol feed.

C. Paul covered 18 laps and withdrew with engine trouble after having put his class record up to 72.64 m.p.h.

S. Ilailwood covered 13 laps and withdrew with a broken valve.

Major A. T. G. Gardner crashed on seventh lan on Glen Hill.

P. S. Barnes drove Hemilton's repaired car which had been damaged in practice. He was involved in a collision in the race owing to a skid. The car was too badly damaged to continue. Covered 5 laps.

G. F. A. Manby-Colegrove—non-starter.

tinue. Covered 5 laps.

G. F. A. Manby-Colegrove—non-starter.

RILEY (1,087 c.c.).

C. R. Whiteroft, first in the race at 74.23 m.p.h. Stopped only for replenishments.

G. E. T. Eyston, second in the race at 73.9 m.p.h. Stopped only for replenishments.

A. B. Von der Becke withdrew after 28 laps, during which he had to change the contact breaker.

F. W. Dixon had the race almost to himself from the start until he crashed at Mill Corner on his 25th lap. Established class record at 76.84 m.p.h.

V. Gillow covered 11 laps and withdrew due to damage caused by a skid.

G. S. Stanliand withdrew after 7 laps with engine trouble.

T. H. Wisdom withdrew at Newtownards with damaged steering after 7 laps.

RILEY (1,486 c.c.).

V. Riley's entry (1,500 c.c.), non-starter.

E. McClure, eighth in the race at 69.52

m p.h. Delayed by having to change a buckled wheel and make adjustments.

mp.n. Delayed by naving to change a buckled wheel and make adjustments.

CROSSLEY (1,098 c.c.).

G. N. Crowther covered 12 laps and withdrew owing to valve trouble.

V. Balls covered 8 laps and withdrew with clutch trouble.

R. F. Oats covered 4 laps and withdrew with clutch trouble.

ALTA (1,074 c.c.).

J. L. Ford covered 8 laps and withdrew after hitting a butcher's shop in Comber and severing a rear spring anchorage.

ASTON-MARTIN (1,476 c.c.).

R. O. Shuttleworth withdrew after 10 laps.

LEA-FRANCIS (1,496 c.c.).

W. Sullivan, an enthuseastic local motorist who put up a splendid show during the 29 laps which be completed. He established the class record at 74.06 m.p.h.

FRAZER-NASH (1,496 c.c.).

H. J. Aldington finished minth at 68.68 m.h. A fine trouble-free run.

T. G. Moore ran well until he crashed at Ballystockart.

W. Karachi "Exercical Cond."

"V. Karachi " covered 28 laps.

"V. Karachi" covered 28 laps.

TALBOT (2,970 c.c.).

T. E. Rose-Richards placed sixth at 75.32 m.p.h. Stopped only for replenishments.

Hon. B. E. Lowis finished seventh at 75.3 m.p.h. Involved in a collision with a Midget which necessitated a pit stop for adjustments and appeared to affect the brakes.

J. S. Hindmarch withdrew after 23 laps. Had several pit stops for cooling troubles.

W. Explen withdrew after 16 laps with water pump, radiator and brake anchorage troubles.

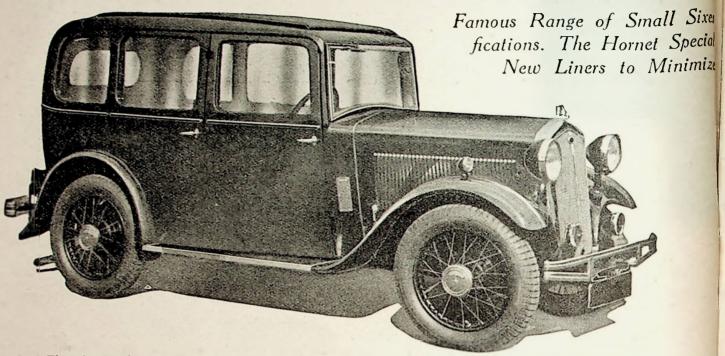
ALFA-ROMEO (2,336 c.c.).

Sir Manny Birkin finished fifth at 79.79 m.p.h. Established lap speed record of 83.2 m.p.h.

Earl Howe finished fourth at 80.53 m.p.h.

Drove a magnificent race.

## STILL BETTER HORNETS

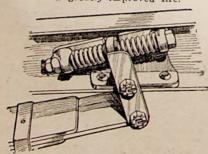


The saloon is almost identical in outward appearance with the 1932 car and has very roomy bodywork.

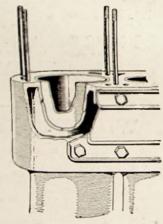
FOR the coming year the standard forward-engined Wolseley Hornet introduced at the last Olympia Show, and the special sports chassis which made its debut early this year, will be continued, but both models have received considerable attention. Although the prices remain unaltered, it is estimated that more than £20 worth of additional value is now incorporated in the saloon model, for instance.

The question of cylinder bore wear is one which has exercised the minds of

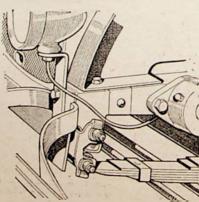
many motorists in recent times and tho many motorists in recent times and the Wolseley Co. deserves considerable credit for tackling the problem earnestly. The solution, which has already been proved to be thoroughly satisfactory, is the use of sleeves for the cylinder bores, these sleeves being made of a special centrifugally cast iron, which is considerably harder than the material norsiderably used for so complianted a costing mally used for so complicated a casting maily used for so complicated a casting as that of the cylinders and crankcase. The change is not one which is visible externally—indeed a close inspection of a cylinder block scarcely shows much difference to the untrained eye—but there should be no doubt that this will result in a greatly improved life.



A spring-loaded shackle is used at the rear of the front spring to keep shocks away from the steering.



An outstanding feature of the Hornet engine for 1933 is that the cylinder bores have centrifugally cast hard iron liners to minimize wear.



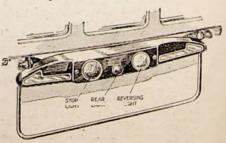
To prevent side sway the front shackles are reinforced.

Along with this important change, the piston design has been altered, what are known as centre-seal pistons being employed. These carry two plain pres-sure rings and one grooved scraper ring

sure rings and one grooved scraper ring above the gudgeon pin, while in the skirt there is a stepped ring which also serves to prevent the passage of too much lubricant. In consequence, the consumption of oil should be reduced to a minimum. The only remaining change of importance on the engine is the adoption of a distributor which automatically advances or retards the ignition, as may be required. Manual control is retained, however, so that the driver's discretion can still be exercised.

The clutch is entirely different from

The clutch is entirely different from that used in 1932. Although a single plate is still employed, this has a flexible centre, and arrangement is make to pick up the drive very smoothly. Furthermore, there is only one point of adjust-ment. The gearbox remains very much as before, except that roller bearers are now fitted to the layshaft, so as to reduce friction and to increase reliability. For 1933, the standard model, like the existing special, will have a Hardy Spicer tubular propeller shaft with mechanical joints at each end.



The rear direction indicator incorporates the rear light, brake stop light and a reversing lamp.

F

Has V Cylina

### R 1933

es Numerous Modider Rear Track. · Bore Wear

Although it follows the same general layout as that used bitherto on Hornet chassis, the rear axle has a larger banjo casing and is, in fact, strengthened throughout. A small feature which is of interest, is the provision of a dip stick to that the level of oil in the axle can be observed very easily.

Lockheed hydraulic brakes are resized of course but the drums are now.

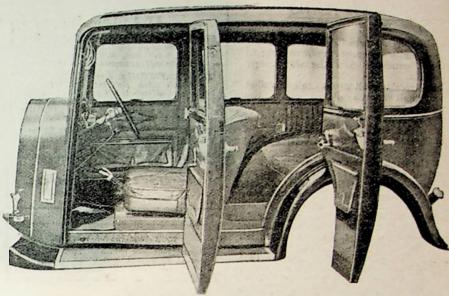
nined, of course, but the drums are now ibbed so as to provide greater rigidity and an additional cooling surface. This and an additional cooling surface. This sunderstood to have removed all endency for the brakes to squeak.

Rather wider springs are used and uides are provided for the shackles, so is to minimize side sway. At the front here is a spring-loaded shackle damper, which cuts out all road shocks from the teering wheel and improves the steering enerally. Another factor which contri-utes to this end is the use of a selfidjusting track rod.

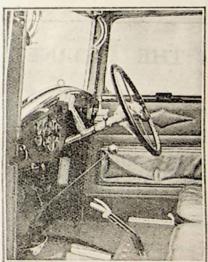
#### Larger Petrol Tank.

An eight-gallon petrol tank is now provided—still at the rear, of course—nd fuel is fed to the S.U. carburetter by a Petrolift instead of by a vacuum ank. Another change in the equipment the use of a Lyang derical become the use of a Lucas device known as see Startix. This operates electrically ud its effect is that if the engine stops or any reason while still switched on or starter motor is brought automatic-by into action and the engine is re-airted. In thick traffic this should be

There are three possible positions for e ignition switch. If it be moved from off position in a counter clockwise reaction, the automatic arrangement less not operate, and the effect is just le same as that of switching on a nor-



For a chassis of its size the 1933 Hornet provides remarkable room for four full sized passengers. Real leather pneumatic upholstery is provided.



The driving position is comfortable and the dashboard fully equipped with instruments.

mal ignition system. A small button placed immediately above the ignition key operates the starter switch by a

The new piston has two pressure rings and a grooved scraper above the gudgeon pin and a further stepped scruper ring in the skirt.

(Left) The front appearance of the car remains much the same but a honeycomb takes the place of a grille in the radiator. (Above) The switch which operates the direction arrow has a tell-tale light to re-mind the driver that the arrows are still on.

in the same circuit as the side lamps.

in the same circuit as the side lamps. This distinctive arrangement should assist to identify a car when parked at night amongst many others.

Each headlamp is mounted on a column of its own, which rises from the valance of the front wing. An addition to the electrical system is the fitting of an illuminated direction indicator, front and rear. The latter incorporates a stop light, the usual rear light and a stop light, the usual rear light and a



#### 1933 WOLSELEYS (Contd.)

reversing light, which is switched on automatically whenever reverse gear is engaged, provided that the side lamps are alight.

The direction indicators are controlled by a small switch placed above the windscreen in front of the driver. With this switch is incorporated a tell-tale light which should prevent the driver from leaving the switch inadvertently in

the left or right positions.

the left or right positions.

At the back of the car a luggage grid is fitted, but in other respects the appearance is not greatly altered. Internally, too, the general dimensions are much the same as before and are, of course, remarkably large for a car of this wheelbase. This general arrangement, which caused such a sensation when it was introduced a year ago, has proved so successful and popular that proved so successful and popular that it is to be applied for 1933 to the new 16 h.p. Wolseley, an interesting car, which is, however, outside the light car

The finish is even better than before. Real leather upholstery is employed, for instance, and neat black fillets are fitted

#### AT A GLANCE

ENGINE: Six cylinder, overhead values and camshaft; 57 mm. by 83 mm.— 1271 c.c.; tax, £12; four-bearing crankshaft, pressure-fed lubrication.

TRANSMISSION: Dry single - plate clutch with flexible centre; four speed silent-third gearbox; ratios, 4.78, 6.48, 11.1 and 17.06 to 1; final drive by open Hardy Spicer propeller shaft to spiral bevel back axle.

DIMENSIONS: Wheelbase, 7ft. 6\ ins.; trach, 3 ft. 9 ins.; overall length, (with bumpers) 11 ft. 8\ ins.; width, 4 ft. 7 ins.; height, 5 ft. 4 ins.; turn-ing circle 39 ft.

WOLSELEY MOTORS (1927) Ltd., Ward End, Birmingham.

#### 1933 WOLSELEY PRICES.

Hornet four-door salcon ... £198 10s. Hornet occasional four coups £245 Hornet special chassis ... ... £175

Furthermore, around the windows. there is a roof light and an eight-day clock, while each door has a pocket with a Zipp fastener, which should make for

neatness. So far as the controls are concerned, the only important change is that the accelerator pedal—still mounted on the right—is of the type in which a hinged plate is employed.

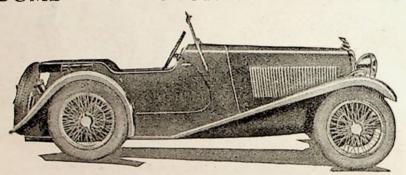
Almost all the foregoing remarks apply also to the coupé, but on the special chassis there are fewer changes to be noted. These include such items as the Centri-cast cylinder liners, the new clutch, improved front springing, and more robust rear axle. The lastmentioned has a track of 3 ft. 9 ins., which is the same as that of the front which is the same as that of the front axle and, as a result, this chassis is no longer crab-tracked.

A spring steering wheel of the wire spoke type is now standardized. So far as the road wheels are concerned, the hubs can be of the Magna or of the centre-locking type, as the customer

chooses, but in either case the tyre size is 27 ins. by 4.75 ins.

During a short run in one of the new Hornet saloons, it became quite clear that the new clutch is unusually sweet in operation. Furthermore, the alterations to the springing have resulted in a considerable improvement, particularly as regards the comfort of the rear seat passengers.

#### Some Bodies on the Hornet Special CHASSIS



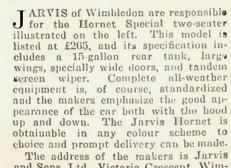
The Jarvis, which costs £265.

ON the right we illustrate the latest product of the new management of the Arrow Conchworks. This is a Hornet Special full four-seater sports

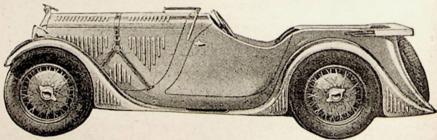
Hornet Special full four-seater sports model known as the Belle-Vite; it is designed on very continental lines.

This model is listed at £285 and its equipment includes tandem screen wipers, stone guards to radiator and headlamps, concealed luggage grid, quick-lifting hood and side screens.

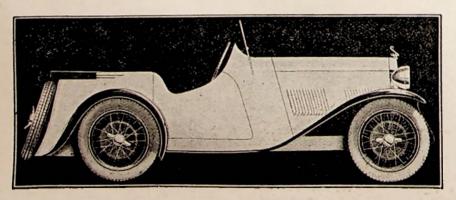
The address of the manufacturers is Arrow Coachworks, Ltd., Boston Road, Hanwell, Lendon, W.7.



and Sons, Ltd., Victoria Crescent, Wimbledon, London, S.W.19.



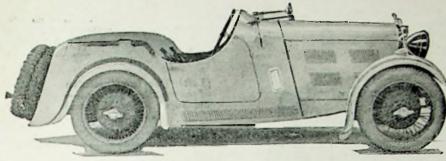
The Arrow "Belle-Vite" four-seater.



The Hardy open four-seater is a newcomer.

TIME illustration on the left is of the L open sports four-seater model produced by R. Hardy and Son, 50, High Street, Marylebone, London, W.1, at £275. Particular attention has been paid to accommodation for four adults; an eight-gallon petrol tank is fitted to the chassis and other features are headlamp stone guards, a two-way folding screen, Rudge racing wheels, scuttle ventilators and metal windscreens.

A four-seater sports saloon is also included in the range at £285, and has four winding windows and a sliding sunshine roof. This model also has an eight-gallon tank and scuttle ventilators. The tools are carried under the bonnet and the equipment includes safety glass.



The Patrick Pendine super sports.

THE Patrick Pendine super-sports model shown on the left is listed at 1275 by Patrick Motors, Ltd., 479-481, Bristol Road, Bournville, Birmingham, and is claimed to give full accommodation for four adults. Metal cowls are fitted to the scuttle; both front seats are of the bucket type, Leveroll-controlled, and tilt to give easy access to the rear seats. The efficient hood in its furled position is concealed within the frame of the body.

Also in the Patrick range is a coach-

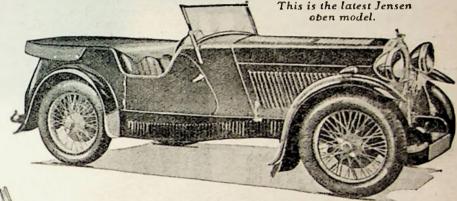
built coupé with a sliding roof at £285.

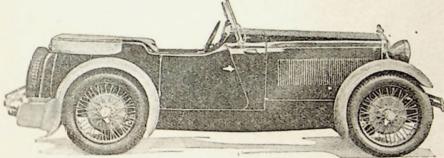
TWO-SEATER open model and a

JENSEN MOTORS, High Street, West Bromwich, are the builders of the pleasing four-scater sports shown on the right. On the standard chassis the price is £225 and on the Special chassis £255. Its features are low build with-out cramping the driving position and giving plenty of headroom when the hood is raised. The steering column has been considerably raked and a rac-ing-type spring-spoked steering wheel is

fitted as standard.

A coupé model is also listed in the Jensen range for 1933 at £290, which is of very low build without cutting down headroom.



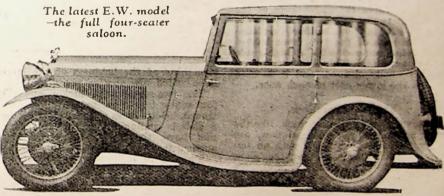


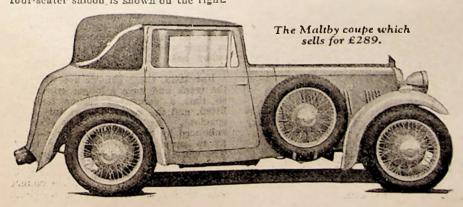
The Swallow open four-scater.

LUSTACE WATKINS, LTD., 12, Berkeley Street, London, W.1, are listing seven models in their range for 1933 These are the well-known Day-tona model at £275, the International two-four-seater at £250, the International full four-seater at £255, a drop-head coupé at £275, the Silex (sliding roof) coupé at £280, a 'Tickford sportsman's coupé at £285, and a new model, a full four-seater sports saloon with sliding roof at £295.

The coupes have been modified by the adoption of more comfortable seating with better accommodation in the rear compartment. Detail improvements have been incorporated in the popular Daytona model in which neater lines are noticeable. The new-comer, the four-scater saloon is shown on the right.

A TWO-SEATER open model and a four-senter speed model (on left), priced at £255 and £260 respectively, comprise the 1933 range of the Swallow Coachbuilding Co., of Foleshill, Coventry. The two-senter continues unaltered for next year, but the rear seating accommodation of the four-senter has been greatly improved. The petrol tank at the rear—with its racing-type filler cap—holds 12 gallons; cycle-type wings and bumners front and rear are fitted and humpers front and rear are fitted to both models, and a wide range of colour schemes is available to choice.





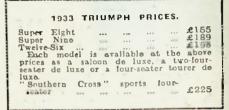
MALTBYS, LTD., of 141-143, Sand-gate Road, Folkestone, build the coupe shown on the left which is listed at £289, together with an open four-scater at £275 and a two-scater drop-head coupé. A new model introduced for 1933 is a four-scater sunshine saloon

at £289.

The sportsman's coupe is a comfortable three-scater, in which the rear seat-in one corner—is of special design. Other features of this model are a concealed luggage grid in the tail, four interior electric lights, and a sunshine roof.
The spare wheel is carried on the side of the car and great pains have been taken in all models to secure neatness of line.

## FOUR

(Left) The latest edition of the smallest Triumph—the Super Eight pillarless saloon.



In the Triumph programme for 1933, which was announced on Wednesday last, there are no entirely new models, and the range consists of three main chassis types. Various mechanical changes are to be noted, however, and considerable improvements have been effected in the bodywork.

Regarding the smallest chassis, which is now known as the Super Eight, the most important innovations are in the saloon coachwork. An entirely new form of sliding roof is used a simple

is now known as the Super Eight, the most important innovations are in the saloon coachwork. An entirely new form of sliding roof is used, a simple chain-and-sprocket gear being employed, so that the roof can be wound open by means of a neat handle inside. All the mechanism is, of course, enclosed and is thoroughly protected from the weather. The sliding portion of the roof fits flush with the metal-panelled cant rails, so that the whole arrangement is exceptionally neat. At the forward end the roof terminates in the fashionable peakless front.

peakless front.

The body itself is, of course, of the pillarless type, which the Triumph Co. introduced a year ago. The doors are now extended right down to the running board, an arrangement which greatly improves the appearance of the car. Internally, the upholstery is carried out in real leather furniture hide, the back of the two front bucket seats being covered with a high-grade carpet material. This can, of course, be very easily cleaned, and it is used also on the lower part of each door.

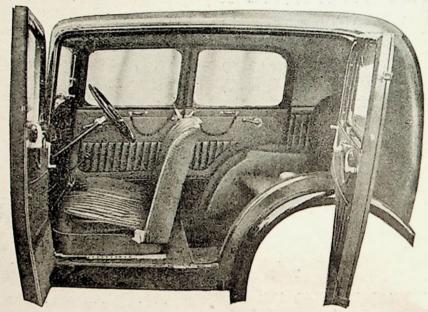
#### Window Alterations.

The winding windows, which, like the front screen and the rear window, are of Protectoglass, are fitted with an improved mechanism, so that the glass winds right down to the sill level. To all the doors upholstered rubber tubing is fitted for the exclusion of draughts.

Each door is provided with a silk cord "pull" and a wide pocket. The window cappings are of polished wood, as also is the facia board, at each end of which there is a cubby hole.

A roof light is fitted, and the blind for the rear window is concealed behind the seat squab, the usual control from the driver's seat being employed, of course. Upholstered pads on the rearwheel arches transform them into comfortable arm-rests.

Two colour schemes are offered. In one of them the bodywork is blue with a grey line, the upholstery being brown and the wheels grey. In the other the bodywork is black, with a green line and green upholstery and wheels. Regarding the latter, by the way, a very large hub cap is fitted, so as to give

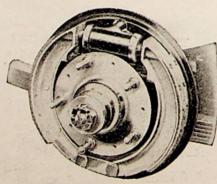


The interior of the pillarless saloon on the Super Eight chassis is roomy and well finished. The front seats can be slid forward to give easier access to the rear seats.

something of the boldness of the large hubs which are now so popular. The two-seater with dickey and the

The two-seater with dickey and the four-seater tourer de luxe are both continued. Both these models are fitted on a chassis similar to that of the saloon, and have, therefore, half-elliptic rear springs instead of quarter-elliptics.

springs instead of quarter-elliptics.
Turning to the Super Nine and the
Twelve-six, the bodywork on these two
chassis is identical. Like the Super
Eight, these bigger saloons have a



All Triumphs have hydraulic brakes with shoes having a large frictional area.

peakless front and the winding mechanism for the opening roof, as well as a concealed rear blind and hidden door check straps. The same two colour schemes also are offered. All three models have a new pattern of radiator stone-guard.

The Nine and the Twelve have a windscreen with special quick-acting fittings, so that the screen can be fully opened very rapidly. Provision is also made for quite small openings, such as are sometimes desirable for ventilation. A double-bladed windscreen wiper is standardized. All the instruments and the usual dashboard controls are concentrated on the instrument panel, and at each end of the facia board is a cubby hole which is provided with a door.

For 1933, these chassis are wider in the track and have a longer wheelbase, so that a somewhat bigger body is fitted, and the seats are certainly more spacious. At the rear, this effect is enhanced by recessing the body sides so as to provide additional elbow room. The wheel arches are very fully padded, and a folding arm-rest is fitted in the middle of the rear squab.

Over the rear seat the roof is recessed to provide extra headroom, and the floor

## ATTRACTIVE TRIUMPHS

A "Super Eight"-Four-speed Boxes and Permanent Jacks on the Nine and Twelve

is perfectly flat, no foot wells being necessary. Instead, there is a footnecessary. rest on a hinged mounting, so that it can be swung into two positions. It is also very easily detachable, so that the floor carpet can be kept clean.

Externally, the most notable changes are in the mudguarding. The front wings are now made in one piece with their valances, and have a rather more pleasing shape. The rear wings are pleasing shape. The rear wings are domed and have less sweep at the back than in 1932. Over the rear tank there is a fairing which follows the contour of the wings. As on the Super Eight, bumpers are fitted front and rear, and the springs are enclosed in gaiters.

The standardization of a permanent jacking system strikes a new note-at any rate, so far as light cars are con-cerned. Two Stevenson hydraulic jacks are employed and are mounted one on cach side, under the side members of the frame, where they are almost completely concealed by the running boards.

Apart from the dimensional changes already indicated, the layout and details of the chassis frame remain very much the same as before. There are, indeed, extra cross-members near the middle of the frame, but these are very light and serve simply to carry the G-volt butteries, of which there are two wired up in series, as the electrical

system-ignition, lighting and so onoperates at 12 volts.

Neither power unit is appreciably altered, and the only noticeable change on the 9 h.p. engine is the fitting of a breather pipe from the oil filler down to the sump level, so that fumes are not likely to enter the body. Both models now have an electrically operated Petrolift to feed the carburetter from the rear tank.

There is, however, one very important change, in that a four-speed gearbox with silent third is standardized on the Super Nine and on the Twelve-six. Concurrently, the top gear ratios have been raised substantially, that on the Twelve-six being now 5.75 to 1, while the Nine has a gear of 5.25 to 1. The other ratios are given in the guardian

other ratios are given in the specifica-tion panel, "At a Glance."

There remains the Southern Cross, which for 1933 will nave a larger engine. So far as general design is con-

#### AT A GLANCE

#### SUPER EIGHT

ENGINE: Four cylinder, side-valve, 56.5 mm. by 85 mm. 832 c.c. Tax, £8. Three - bearing crankshoft, pressure feed lubrication.

TRANSMISSION: Dry single-plate clutch. Three-speedgearbox; ratios, 6.25, 11.1 and 21.8 to 1. Final drive by tubular propeller shaft with mechanical universal joints to underslung worm-driven rear axle.

DIMENSIONS: Wheelbase, 6 ft. 9 ins.; track, 3 ft. 7½ ins.; overall length, 10 ft. 11 ins.; overall width, 4 ft. 5 ins.; height, 5 ft. 4 ins.; turning circle, 34 ft.; tyres, 27 ins. by 4.00

#### SUPER NINE

SUPER NINE

ENGINE: Four-cylinder, o.h. inlet valves, 60 mm. by 90 mm. = 1,018 c.c. Tax, £9. Three-bearing crankshaft, pressure feed lubrication.

TRANSMISSION: Dry single-plata clutch. Four speed silent third gearbox. Ratios, 5.25, 8.05, 12.47 and 20.42 to 1. Final drive by tubular propeller shaft with mechanical universal joints to underslung worm-driven rear axle.

DIMENSIONS: Track, 3 ft. 9 ins.; wheelbase, 7 ft. 8½ ins.; overall length, 12 ft.; overall width, 4 ft. 7½ ins.; height, 5 ft. 5 ins.; turning circle, 37 ft.; tyres, 27 ins. by 4.40

#### TWELVE SIX

ENGINE: Six-cylinder, side-valve, 56.5 mm. by 80 mm. = 1,203 c.c. Tax, £12. Four bearing crankshaft, pressure feed lubrication.

TRANSMISSION: As Super Nine except ratios, 5.75, 8.82, 13.64 and 22.40 to 1.

DIMENSIONS: As Super Nine except wheelbase, 8 ft.; overall length, 12 ft. 4 ins.; turning circle, 38 ft.

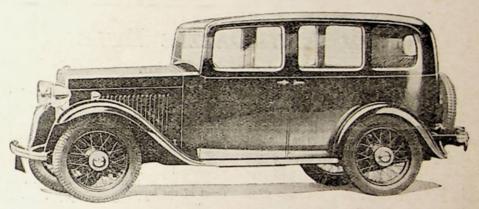
#### "SOUTHERN CROSS"

ENGINE: As Super Nine except 63 mm. by 90 mm. = 1,122 c.c. Tax, £10.

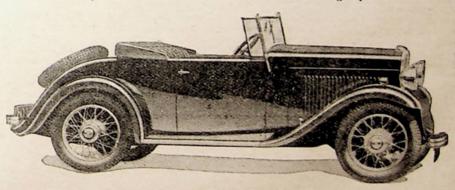
TRANSMISSION: As Super Nine except ratios, 4.8, 7.36, 11.40 and 18.7 to 1.

DIMENSIONS: As Super Ninc except wheelbase, 7 ft. 3 ins.; overall length, 12 ft. 5 ins.

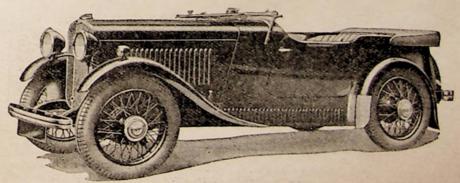
TRIUMPH CO. LTD., COVENTRY.



The Super Nine De Luxe coachbuilt saloon is larger for 1933.

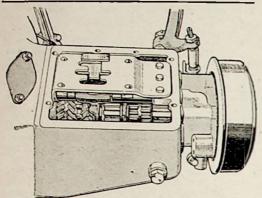


The two-scater on the Super Nine. There is a large dickey seat.

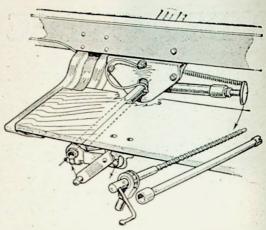


The "Southern Cross" sports four-seater in its latest form.

#### FOUR ATTRACTIVE TRIUMPHS (Contd.)



(Left) The new fourspeed gearbox fitted to the "Nine" and "Twelve-six" has a silent third ratio. The transmission brake is retained. (Right) Stevenson hydraulic jacks also figure on these two models.



cerned, this power unit is very similar to that which has been fitted during 1932, but the bore is 63 mm., which, with a stroke of 90 mm., gives a capacity of 1,122 c.c. instead of 1,018 c.c. Unlike the Super Nine, the Southern Cross has not a longer wheelbase than for 1932, but the track is

The new "silent third" four-speed box is, of course, employed. With the larger engine and no appreciable increase in weight, somewhat higher gear ratios can be used, top gear being 4.8.

For the most part the bodywork is unchanged, but flared wings of slightly different shape are employed. The performance of the 1933 Southern Cross is expected to be distinctly above the usual run, and a high cruising speed is anticipated.

#### NEW ANTI-DAZZLE BULB

#### Mazda Lund Innovation

A HEADLAMP bulb with special anti-dazzle properties will shortly be marketed by the British Thomson Houston Co., Ltd., and will be known as the Mazda Lund bulb. The filament is of the close-coiled loop type developed by Mr. Lund, and is so arranged that a very accurate degree of focus is ob-tainable. The glass of the bulb is of special shape, and its upper portion is provided with an opaque covering having certain reflecting powers which add to the efficiency of the lamp.

The bulbs are to be available for use

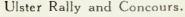
The bulbs are to be available for use with 6-volt or 12-volt systems, single or double contact. There are three powers of bulb for each voltage. The prices of 18 and 24-watt bulbs of either voltage will be 4s., whilst the 6-volt 30-watt bulb is to cost 5s. 6d. and the 12-volt 36-watt bulb 4s. 3d.

The R.A.C. has issued a report of a trial of the Mazda Lund bulbs, in which it is stated that two of the 12volt 36-watt bulbs consumed actually 34.4 watts each, providing a total candle-power at the source of 48.6. It was found that with the lamps mounted at normal height, blinding effect at eye level ceased at a distance of 150 ft. in front of the lamps.

From the driving seat a pedestrian so dressed as to be seen only with diffi-culty could be picked out when 238 ft. in front of the car, provided that he was no farther from the centre of the beam than 13 ft.

The anti-dazzle properties of the bulb are, of course, achieved by its special construction, and are, as it were, automatic; it does not call for the use of

dipping or switching devices.



OUT of the S6 cars which started in the Ulster Motor Rally last week, 76 checked in at the finish at Bangor, Co. Down, on Tuesday, August 16th. Routes from this country—from London, Birmingham and Edinburgh—all converged on Liverpool; the Irish starting points were Dublin and Belfast. In each case the route was approximately 750 miles in length, which had to be covered at an average speed (except for sea and frontier crossings) of 24 m.p.h.

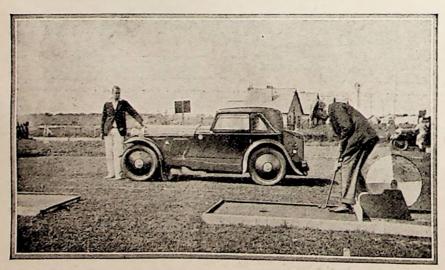
The results are given under "Club
Items" in this issue.

A Concours d'Elegance was held on

the following day, August 17th, on the sea front at Baugor, and the method of judging was noteworthy for its common sense and fairness. First and second prizes in the 1,100 c.c. open car class were won by W. Waddicor and R. E. Parish with cream Riley Gamecocks, and first prize in the 1,100 c.c. two. and first prize in the 1,100 c.c. twoseater coupé class was won by Mrs. Alan F. Craig's red Avon Standard Little Nine. Rileys scored another win in the small saloon class, where J. D. Farrell's grey and blue car was awarded first prize and F. Boal's chocolate saloon second place.

Times taken at a secret check decided the issue between several drivers who

had performed equally well.



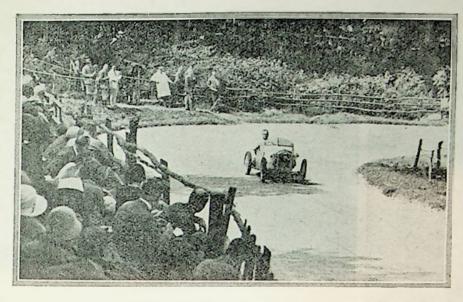
Snapped at Chapel St. Leonards, Skegness: The owner of a Wolseley Hornet Jenson Special watches the operation of holing out at the third on the popular STILL POPULAR. midget golf course.

#### Capt. Yates-Benyon.

THE latest news of Capt. Yates-Benyon, who is driving a Hillman Minx tourer overland single-handed from England to Calcutta in an attempt to race the s.s. "Manora," is that the adventure has ended in a very gallant failure. failure.

The following cable received from Capt. Yates-Benyon, at Quetta, conceals a story of hardship and endeavour which will washable to be known in which will probably never be known in

"At last. Over 6,800 miles in 33 days. Averaging 207 per day. Slight malaria. Will remain Quetta two days. Feeling tired. This establishes record for any car of any make."



On the famous bend where thrills abound,

#### SHELSLEY WALSH AGAIN

Next Week-The Amateur Climb

MOST of the aces who perform so well at Shelsley are seen both at the open and at the closed event. There seems no reason, therefore, why, even at the eleventh hour, the record for the existing course should not fall. Given a fine day and a car that is really be-having itself, there is, in fact, every likelihood of Von Stück's figure of 423 sees, being equalled, if not beaten, must be clearly understood, however, that it is the intention of the M.A.C. to lengthen Shelsley course for next year's open climb, so, gentlemen, this is your last chance!

Entries are coming in very well and, as usual, there are dark horses. R. T. Horton has been working very hard on his "Special." With the aid of only one mechanic, this enthusiastic driver does all his own tuning in the private workshop attached to his own house. Other drivers are equally determined, and much good work has been done since the "open" event.

Members of The Light Car Club who took part in the Relay Race have been invited to enter complete teams.

invited to enter complete teams.

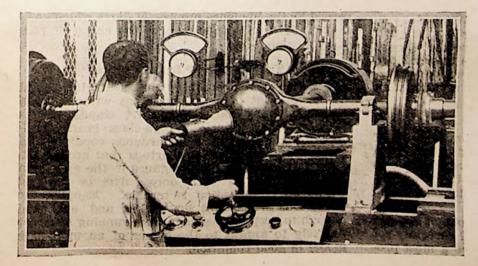
We learn that the arrangements will be the same as usual, so far as the public is concerned. People who were unable to obtain a really close-up view of the open climb should remember that there is seldom such a big crowd for the closed event although the affair is nearly as good. It will pay them, therefore, to make their way to Shelsley and

obtain a good seat.

Once again, there will be several club rallies, The Light Car Club, amongst others, having signified its intention of being present in force. The Riley Club will also be there, and doubtless there will be much celebration in view of the recent success of Rileys in Ireland recent success of Rileys in Ireland.

Shelsley is within easy reach of the Midlands, and is roughly only 120 miles from London. The car park arrangements are admirable, and there are excellent picnicking sites; in fact, the climb forms a pleasant and memorable outing for those who attend.

Next week we hope to give a full list of the entries, together with other information of direct interest to spectators.



#### From Paris

#### NEW "BABY" AMILCAR 750 c.c. Model for Salon

A N interesting small car which will A make its debut at the Paris Salon next month is the new 750 c.c. Amilcar, which is to be produced at a remarkably low price.

The four-cylinder engine is the conventional type of side-valve unit employed in all Amilear models. It develops 19 b.h.p. at a normal speed of 3,750 r.p.m., and, as the weight-to-power ratio of the car is very low, it is credited with an excellent turn of speed.

The weight of the three-speed gear-box is only 15 lb., in spite of the fact that very robust and wide pinions are employed, whilst the weight of the complote car with two normally heavy passengers and luggage works out roughly at 12 cwt. It is claimed that a steady 42 m.p.h. can be maintained on long-distance runs.

The lubrication system is particularly simple and efficient. The oil pump can be dismantled by undoing two nuts, and the return oil pipe—mounted externally -is also easily removed for cleaning purposes.

Battery ignition is employed; the dynamo is driven by belt and the distributor is mounted on the head of the pump shaft. The camshaft is driven by straight, cast-iron pinions. A single-disc, dry-plate clutch is employed.

#### Open To You

The following famous gardens will be open to the public on Sunday, August 28th, on payment of a small fee in aid of the Queen's institute of District Nursing.

CHESHIRE. - Peover Hall, Over

DORSET. - Chantmarle, Cattestock

KENT .- Oxon Hoath, Tonbridge. LANCS. - Downham Hall, Clitheroe.

SALOP. - Cheswardine, Market Drayton.

SOMERSET. — Croydon Hall, Washford. Ven, Milborne Port.

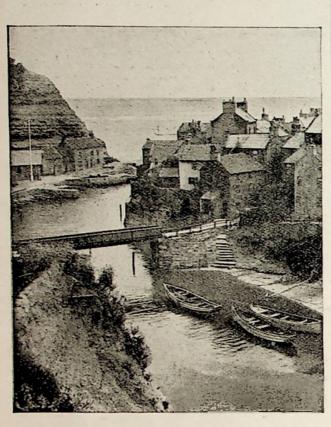
#### Going Up!

Welcoming 600 guests to the Wolseley Convention last Tuesday, Sir William Morris said that Britain is now definitely on the up grade. He added that thousands of families would employ two or more cars in place of one if taxation were less heavy

Mr. E. G. Morley, the Wolseley sales manager, gave an excellent address on the features of the 1933 Wolseley cars.

#### LISTENING-IN

An operator at the Wolseley factory using a radio-stethoscope to detect unduc noise in a rear axle. The degree of noise produced by gear-boxes and back axles is scientifically registered on a dial.



Some of England's most delightful seaside resorts are to be found on the north-east coast of Yorkshire.

The photographs on these two pages depict—

#### Another £6-tax Car.

THERE now seems to be little doubt that before very long the £6-tax car will be an accomplished thing. One hears a lot of talk about it in the trade and last week I was allowed to see an experimental model which has been built by a well-known concern. Half a dozen more of them have been laid down and are in various stages of advancement from an almost completed vehicle at one end of the shop to an embryo at the other.

Naturally the makers do not wish me to give away their name in case they do not proceed with their plans and they have also asked me to be discreet in referring to the mechanical details, which contain many brain-storms that they intend to keep to themselves pro tem. What do you think, however, of a car which will seat two grown-ups and two children, which welghs 8½ cwt. with a touring body, and which has a two-cylinder water-cooled engine, a unit construction three-speed gearbox and a bevel-driven rear axle with a differential?

#### A Fair Start.

THE secret of the exceedingly low weight of this car is that the entire method of body and chassis construction has been approached from a new angle. And so, for that matter, has the springing and many of the other details of the car.

Whether when this chicken pops out of its egg it proves fruitful or otherwise, it will certainly set tongues wagging and may easily have a most pro-



## RICH

nounced influence upon the design of the baby car of the future. I shall have more to say about it from time to time as the details of the design become settled and as the experimental models begin to point the way to the ultimate form which the car will take. Up to date some eight months' work on the idea has been completed by a team of very competent folk backed by the resources of a factory possessing everything needed in the way of plant and an ample reserve of £s.d.

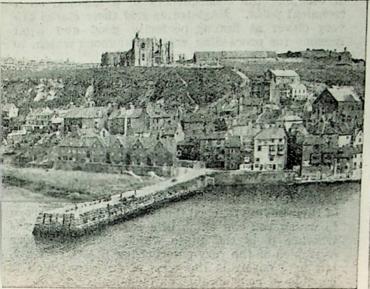
#### Cheap Oil.

WHAT a lot of to-do there has been about the use of cheap oil. The makers of the well-known brands have implored motorists to shun it, and self-appointed experts all over the place have been helping the campaign along. One newspaper correspondent even went so far last week as to say that if you use cheap oil, carbon will collect in the crankcase and choke the oilways! Certainly the oil companies have suffered from no shortage of recruits for their campaign.

I wonder whether any useful purpose has been served by the immense number of darts which have been pitched so ruthlessly into the cheap-oil purveyor's camp.

#### Tar for His "Little Palace."

My own feeling has been that neutrality would save a lot of words and fuss without doing either side any harm. The fact stands and is incontrovertible that the high-class brands skilfully blended to withstand arduous conditions of service, and to preserve bearings that are beautifully fitted, are an extravagance in the eyes of a man whose car is worth only a fiver or two and whose oil consumption is terrific. Equally, the cheap oils which suit his pocket and are good enough to keep his bearings from running are most unlikely to appeal to the owner of an up-to-date model in good condition.



## IXTURE

Light Car Comment and Advice

By Jocus.

The "don't use cheap oil" campaign is surely rather analogous to saying "don't tar your house." Nothing will stop the cottager from clapping an occasional dose of tar on his weather walls, and nothing will coax him to apply costly enamels to them. Similarly, the man who has acquired a "little palace" in the suburbs would not be such an ass as to call at the gasworks for supplies when a little renovation is needed.

#### Bank on John Motorist,

WHEN you begin to dabble in such subjects as the use of cheap oil you are always likely of caruse an upheaval. An oil magnate may swoop own on you and prove conclusively that no sort bearing in any kind of car can possibly hang ogether when fed with a cheaper oil than his. Or little fellow running quite a small business may on front you with undeniable evidence to prove at his 2s. 6d. a gallon oleophines are a brilliant occess in Schneider Trophy engines run perpetuly in a white-hot furnace in Hades.

But surely all this is a great waste of time.

In Motorist can be just as surely depended upon avoid! tipping rubbish into his sump as he can to un a car that is not the last word in value for oney. The public is and always has been a gnificent judge of any commodity and there is thing harder than trying to swerve it away from confirmed belief.



—(Left to right) Staithes; Saltburn, famous for its annual speed trials on the sands; Whitby and Runswick Bay. Inland there is the Wolds country.

#### Spotting "The Goods."

In this connection how sure has been the public touch in its choice of all things pertaining to motoring during the tight times of the past year or two. It took next to no time for everyone to realize that the Standard Little Nine was the goods, and to clamour for it in a voice that shook the works to the core. And it is the same with accessories, equipment, insurance and all other motoring supplies.

The public unerringly spots the products of anyone who offers them the little something others haven't got, and swerves violently out of the way of the salesman whose principals have not been clever enough to provide him with the last word in value for money.

#### When a Summons Comes Late.

FROM time to time I hear from folk whose jubilance is tempered with doubt because they have not received within 14 days the summons which they expected would result from some offence that had been committed.

It takes a little time to wring from the Road Traffic Act the exact position in which one is placed when a summons arrives late. In the first place one must remember that the 14 days' limit applies only to a summons relating to exceeding a speed limit, or to reckless, dangerous or careless driving, and, secondly, it falls upon the defendant not only to prove that the police failed to serve the summons through no fault of his own, but also that the constable who stopped him did not at the

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#### RICH MIXTURE (Contd.).

time warn him that the question of prosecution would be considered. The wording of the Act is as follows :-

A person . . . shall not be convicted unless either:-

he was warned at the time the offence was committed that the question of prosecuting him . . . would be taken into consideration or

within fourteen days . . . a summons . . . was

served on him or a notice of the intended prosecution served on him or sent by registered post to him or the person registered as the owner of the vehicle. . . .

Provided that failure to comply with this requirement (on the part of the police) shall not be a bar to the conviction of the accused . . . where the court is satisfied that (1) neither the name and address of the accused nor . . . of the registered owner . . . could with reasonable diligence have been ascertained in . or (2) the accused by his own conduct contributed to the failure.

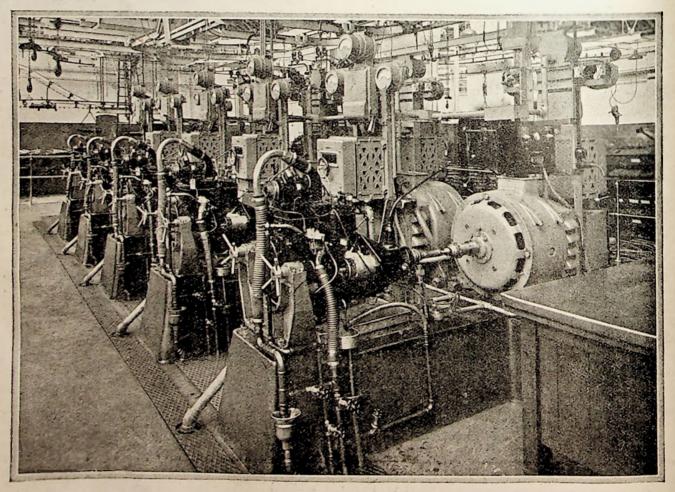
There is only one conclusion to be formed after looking into the matter and that is that the late arrival of a summons is by no means the high road to the case being dismissed. Of that there seems to me to be very little doubt. The whole wording of the appropriate section of the Act is of the kind which may well be described as "'aving you all roads." There is very little opportunity

of escaping the consequences of a misdeed on a technical point. Magistrates and their clerks are very clever at finding perfectly good and legal reasons for proceeding with a summons which, to a lay mind, appears to be a "wash-out."

#### Souvenirs of Stelvio Conquests.

MAN who is rich enough to be able to take his A holiday abroad this year tells me that the Italians, who have shown abundant evidence of enterprise in attracting tourists, have started a very crafty idea, which I am sure will prove very popular. They propose, in future, to give to everyone who gets to the summit of the Stelvio Pass (9,055 ft.) a little certificate, to keep as a souvenir of their having reached the highest point in Europe to which you can climb in a car. I do not know whether it is the State which is issuing these souvenirs or the very enterprising R.A.C. of Italy, but here surely is the germ of an idea which is capable of considerable development.

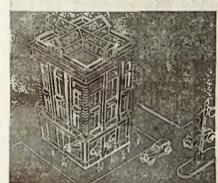
Everybody knows that one of the weaknesses of human nature is to boast of one's accomplishments, adventures and travels—suitcases plastered with labels provide abundant evidence of that. I wonder if it would be a popular idea if the local publicity office or the R.A.C. were to issue souvenirs of the achievement at the top of Beggars' Roost to all who successfully climbed it?



Part of the huge plant laid down at Coventry for the production of the Hillman Minx is this fine new battery of ten G.E.C. electrical testing machines which register the horse power developed at various speeds and which can be made to "motor" the engines so that friction losses can be checked. The flexible pipes maintain a flow of water through the cylinder jackets, the other pipe-work feeding the engines with a stream of fresh cool oil.



## "You'll do BETTER at



# THASTINGS the REAL TRIUMPH

people"

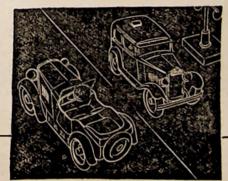
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you about them isn't worth...."

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# TRIUMPHS/

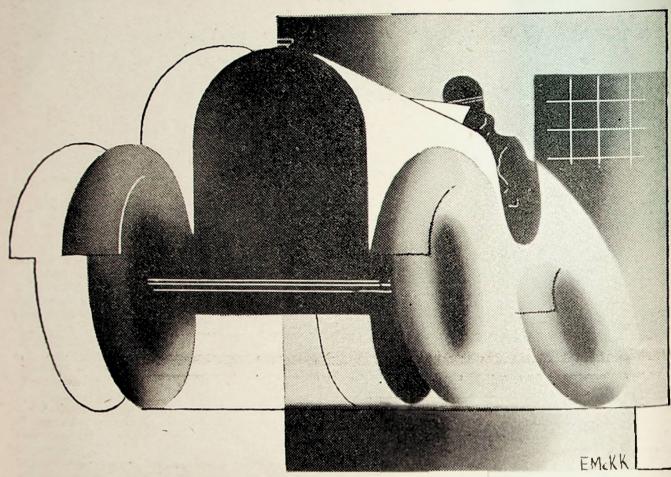
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#### The T.T.

T a modest computation A some 10,000 people landed at Belfast on Saturday last in order to see the T.T.; they had come from all parts of the kingdom. At one time no fewer than 10 cross-channel steamers were berthed at Donegal Quay. Spread round the course were half a million eager spectators, whilst in every suitable field adjoining the circuit cars were parked in their hundreds. During practice excitement

was at fever heat in Belfast, and, so far as one could judge, the city on Saturday was on holiday. That is what motor racing still stands for in the eyes of the citizens of Britain; by itself it would be a strong argument for a road race in England, but there are other and equally important considerations.

The majority of the cars entered were of the "light" variety—the type that is developing rapidly, yet still needs every stimulus if we are to maintain our position at home and in foreign markets. What better advertisement for British goods, and what better way of perfecting modern small cars, of which so much is expected, could be devised than this classic road race? And how much greater would be the interest if a similar race could be staged in England with the full approval and assistance of the Government? Ireland finds road racing good, and every other go-ahead country came to the same conclusion years ago. England alone stands aloof. Is it logical—is It reasonable?

#### The Advance of the Trailer.

Livery one returning from motoring holidays this year is commenting upon the very large number of cars seen in holiday districts with caravans or camping frailers in tow. There is now no doubt that the use of a trailer behind a car has become extremely popular, and may yet extend much further than at present. The idea is one which is very well worth encouraging. There is no doubt that a trailer adds greatly to the usefulness of a car, and particularly does this apply in the case of a small car. For many motorists certainly it is used only for holidays, but the interests of the man who lives in rural country districts and who frequently needs to use his car for transporting bulky articles must not be overlooked.

We think that the time has come when car manu-



"THE LIGHT CAR & CYCLECAR" WAS FOUNDED IN 1912 TO CATER FOR THE NEEDS OF USERS AND POTENTIAL PURCHASERS OF LIGHT CARS AND CYCLECARS, AND IT HAS CONSISTENTLY ENCOURAGED THE DEVELOPMENT OF THE ECONOMICAL MOTORING MOVEMENT FOR OVER NINETEEN YEARS.

NO CAR WITH AN ENGINE CAPACITY EXCEEDING 1,500 C.C. (1½ LITRES) COMES WITHIN THE SCOPE OF THIS JOURNAL, THAT CAPACITY BEING GENERALLY RECOGNIZED AND ACCEPTED AS THE LIMIT FOR A LIGHT CAR ENGINE.

## Topics of the Day

Conducted by
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facturers, in the design of the rear portion of their chassis, should give a thought to this develop-ment. They might give consideration to any stiffening which may be deemed wise, and they should certainly include a drawbar in the list of "catalogued extras." There are some light cars which have rear bumper fittings of a kind which lend themselves for the attachment of a drawbar, and there are other light cars which have rear bum-

pers that, with slight modification, could accommodate a towing pin. The "botched-up" drawbar is rarely a success, and we trust that the trade will note that there are already hundreds, and maybe thousands, of small-car enthusiasts who would greatly appreciate a substitute for it supplied by the factory.

#### Unhindered Vision.

FROM time to time the dictates of fashion have run counter to the dictates of common sense. The very low roofs which threatened almost literally to crush us two or three years ago provide a case in point, and the high bonnets which have been in fashion for so long and which still remain the vogue provide another. In the matter of the height of the roof a rational attitude now prevails, and all the 1933 models so far revealed escape criticism in this respect. A lowering of the bonnet line, however, is a reform which still shows no sign of securing wide adoption.

We all know that the sole object of a tall radiator is to secure a horizontal line between its filler and the base of the windscreen. This horizontal line is sought because it happens to be fashionable; but what a nulsance it is. By preventing the driver from seeing any object which lies in the roadway just in front of his car it causes minor accidents; and by making the near-side wing invisible it greatly adds to the difficulties which confront the inexpert driver in traffic. These high bonnets of to-day lead to innumerable wings being damaged, and take from motoring a great deal of the pleasure which it should give. We suggest that the lowering and narrowing of bonnets in such a way that both wings can be clearly seen would be a reform that everyone would welcome. And think of the advertising opportunities in the slogans which unhindered vision would suggest!

#### Technical Aspects

## ONE CARBURETTER PER PORT

A Very Successful Induction-exhaust Arrangement—Big-ends Too Tight After 24,000 Miles!

Some time ago I wrote regarding the difference between single and multi-cylinder practice from a car-buration point of view. After analysing what appeared to me to be the main differences I offered the suggestion that a carburetter direct on the inlet port was probably accountable in a great measure for the enormous power ascend-ancy of the "one-lunger" engine over ancy of the "one-lunger" engine over the multi-cylinder kind. The obvious sequenter, of course, is a block of the "separate - inlet - port - per - cylinder" order and a carburetter per port.

Very attractive in the abstract, no doubt, but difficult to carry out owing to lack of space for four fairly large carburetters side by side with forward float chambers, and also owing to bad heat distribution. I admitted, in fact, at the time that a practical method of applying the principle in its best form had eluded me.

A correspondent, Mr. Nelson, of Dudley, wrote and suggested a way out, at once so ridiculously obvious and so admirably adaptable to all the requirements that everyone else had overlooked it. That scheme, with Mr. Nelson's permission, I passed on to Mr. A. F. Ashby, who is IT at making Riley Nines quicker than they ever thought they were going to be. Having considerable technical introspection he immediately recognized its merits, and proceeded to put it into operation, as the Riley Nine engine lends itself particularly well to this layout.

During the past three or four months I have made guarded reference to the debut of this arrangement at Brooklands, and, no doubt, those who have been looking forward in due course to hearing the results are wondering what

is wrong.

With apologies to my friend "The Blower" for encroaching on his preserves I would like now to say a little more about it, and I can assure those interested that there is nothing functionally wrong. It is simply a question of preventing the engine "blowing up," as they term it at the track, when the foot is put down for long.

IT may be remembered that Mr. Ashby won the Duke of York's Trophy at Guy's Gala Meeting in July last. On that occasion he was careful to keep his foot well up. Each time he has tried the approved position something has come unstuck, for there is a limit to the loading that even Riley Nines can stand.

He was down to race at the August Bauk Holiday meeting, but did not appear-he had "blown up" on the appear—ne and Blown up" on the Saturday when gradually working up a newly assembled engine. I went to view the debris caused by a broken con. rod

#### By L. MANTELL

and learned that the trouble was caused by oil failure.
I saw the

saw the bearings; they were so starved by this unfortunate mishap that the white metal in every shell was pulled completely over the sludge grooves, but, despite the great drag represented by such a condition before the con. rod could stand no more of it, Ashby's speed at the moment of the smash was 112 m.p.h.!!

Just what it will be when the numerous horses expended in pulling the white metal over the sludge grooves are delivered to the back axle I do not know, but I think that the answer to my portentous query a month or two ago-regarding the difference between a motorcycle and a car engine—is not far off.

AND now to another matter. Some two years ago I aired, for the first time in these columns, a pet obsession of mine that the existing methods of big-end lubrication were wrong, that oil-ways and channellings cut anywhere on the thrust faces of the bearings were incorrect, because they released instead of maintaining the film, and that, for reasons which I detailed at the time, absolutely unbroken bearing surfaces should, in my opinion, be maintained. I added that the oil should introduced through a hole in the middle of the big-end surface 45 degrees in advance of the top centre position, and drilled at right angles to communi-cate with an oil duct axially disposed in the centre of the crankpin.

I also suggested that the best method of oil feed and distribution to the bearing surfaces should be by means of a longitudinally cut groove extending along the face of the pin on each side of the oil hole, but stopping short of the crank cheeks by perhaps a quarter of an inch on each side, and taking the form of a kind of swallow Woodruff keyway carefully rounded off and feathered at the trailing edge, à la the Michelle

Such a distributing groove situated 45 degrees in advance of t.d.c. would be at a part of the journal which carries the minimum mean thrust, and is most often in a state of clearance.

By way of testing this theory I had it put into operation in my own car, a 12 h.p. special tourer four-cylinder Riley, for which I had a nitralloy crank-

shaft made.
Another obsession was that thickly white-metalled big-end bearing shells were wrong, so I got con. rods with bigend housings of such a diameter that, with the shells removed, there was just

room to "paint on," as it were, about three-quarters of a millimetre of white metal, straight on to the steel.

The Glacier Metal Co., Ltd., Ealing Road, Alperton, Middlesex, undertook to "paint" it so that it would not come off or crack, and Messrs. A. F. Ashby, of Hendon Central, London, fitted the crankshaft and scraped-in the metalled rods for me rods for me.

rods for me.

The fit was 100 per cent., and it was left just a little tight in the impression that a week-end run would ease if off, but, as I have already described in an "Aspect" in October, 1930, the engine was still tight after more than 2,000 miles, so Ashby had it down again and eased it until only a very slight bind remained. remained.

SINCE that date I have been lying low as regards further reports and energetically trying to wear off that little stiffness. Up to now I have covered over 24,700 miles without having succeeded in doing so, and at last, curiosity getting the better of me, I removed the cylinder block.

Two of the rods were only just free, but perfectly tight as regards the least sign of rock or end play. Of the other two, one required a pressure of about 3 lb. to push the piston over and the other about 1 lb.

Still feeling incredulence I took off the

Still feeling incredulous I took off the rods to see what the bearings were like, and found a most curious condition. On those which were free the surfaces were a dull greenish brown in colour all over, and quite devoid of any bright patches whatever when wiped dry. The other two, which were a little tight, had each an upper and a lower patch of a very light greenish shade, but the remainder of the surfaces were like the first two. In short, the first-mentioned had been perfectly oil borne and the other two —had I had the patience to have covered another 20,000 miles or so—would, no doubt, have arrived at the same state.

I have never before seen big-end bearings evenly coloured all over in this curious manner, and can attribute it only to a practically perfect oil-film insulation, which, in my opinion, would not have been the case had there been

not have been the case had there been any channelling in the shells.

The super-excellent fit of the bearings had, no doubt, much to do with it and also the nitralloy shaft. I am much too long in the tooth to shout "Eureka!" or to feel like the cow in "Hey Diddle-diddle" as a result of one test, but I cannot help being a little pleased to think that perhaps there is something in my obsession. Meantime, my engine is at Ashbys again, enjoying my engine is at Ashbys again, enjoying the utterly unique experience of having some of its big-ends eased after 24,000 miles.

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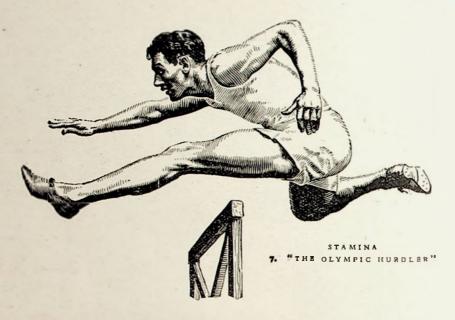
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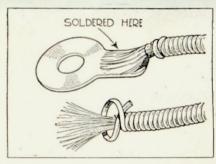
M.H. means Medium Heavy. L Light; M. Medium; H. Heavy.

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The correct grade for your engine is displayed in Pratts Motor Oil Cabinets at thirty thousand garages

#### Ensuring Good Contact.

WHEN carrying out any form of When carrying out any form of electrical wiring on a car it is important, more especially in the case of carth-return systems, to make sure that effective contact is established. Merely to bare the end of the wire and to twist the strands back on to themselves in the form of a loop through which a helt may pass is not really which a bolt may pass is not really sufficient, and should the bolt head turn there is the risk that the strands of wire may be cut.



The proper course to adopt, therefore, is to fit terminals to the wires. Suitable terminals can be cut from thin sheet brass or copper, and they should be shaped rather like an ordinary plain washer with a lug on it. The insulation of the wire is stripped back only for a short distance and the wire strands spread out fanwise. They must be seraped bright and then laid on the lug of the terminal to which they are secured by soldering.

When using armoured wire it is im-The proper course to adopt, therefore,

When using armoured wire it is important to strip back the armouring to a safe distance from the terminal because, in the case of single-pole systems, the armouring might cause a direct short to earth if it came into contact with the terminal.

The proper way to secure the armouring is to form a loop of the last coil, after the manner shown in the accompanying sketch. If the end is pulled tight and then cut off close, there will be no risk of uncoiling. Finally, elec-trician's tape of the pure rubber kind should be used to insulate the last inch or two of the cable.

#### For Morris Owners.

OIL leakage from the overhead cam-shaft cover of Morris Minor and M.G. Midget engines, after the car has been in use for some time, may be found to be caused by the cork gasket having bedded down to the level of the aluminium rivets which hold it in place, thus, of course, no additional force applied to the holding nuts will compress

the gasket.

It will be found that the rivet heads can be cut off quite readily from the top can be cut off quite readily from the top side and the rivets punched out, taking care, of course, not to damage the cork in the process. In all probability the gasket will remain quite securely in position without the rivets, but if it shows a tendency to come away, a touch of Seccotine or one of the special jointing compounds will secure it effectively. compounds will secure it effectively.

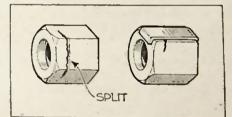
# OTHER 'READERS'

THE choice of a sparking plug or 5s. is a offered for every reader's hint published in this feature. 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.

THERE is a guinea each month to be THERE is a guinea each month to won for the best "Idea" published during the month. The winner's name and address, together with the title of the "Idea" and the date on which it was published. will be announced in the first issue of the next month.

#### An Emergency Repair.

If the union nut of a petrol pipe nipple is screwed up too tightly, there is the risk that it will split just below the shoulder, thus making it impossible to secure a proper joint. When a new to secure a proper joint. When a new nut is not readily obtainable, an emerg-ency repair can sometimes be made by taking a small strip of metal a little narrower than the width of one of the flats and bending its two ends over at right angles in a manner which will cause them to grip the two opposing faces of the nut and thus close the erack.



The strip must be soldered into place, and solder should be run into the crack taking care, of course, that it does not find its way inside on to the threads.

A union nut repaired in this manner

can be tightened quite effectively, and may remain good for a considerable time. It is advisable, however, to obtain a new nut as soon as possible.

#### When Decarbonizing.

T is always most advisable when decarbonizing an engine to protect the cylinder bores and the water passages from carbon dust, and the usual method of doing this is to stuff pieces of rag or paper into the bores and the water holes in the cylinder block.

It is suggested that much more effective protection can be obtained by the

use of corks shaped as necessary to fit the various orifices. In the case of a Wolseley Hornet every hole can be stopped by the use of the following selection of corks:

1 vial cork.

14 4 oz. corks.

2 8 oz. corks.

2 11-in. diameter bungs. 1 14-in. diameter bung.

4 21-in. diameter shives.

The bungs can be cut with a hacksaw and a kuife to fit the oblong water pas-

# IDEAS

sages, whilst the shives should be filed to fit the cylinder bores and be pushed in flush with the face of the cylinder block; the ascending pistons will push

them out when the work is done.

With regard to other makes of car, owners can compile their own list of the number and type of corks required, and these can be obtained either through the local chemist or from a dealer in cork

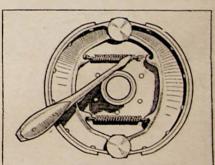
#### Rear Light Warning.

OME types of rear lamp have a metal body in which a single celluloid panel is provided for number-plate illumination. This arrangement complies absolutely with the law, but the driver, from his seat, has no means of knowing whether or not the lamp is alight. It is claimed, however, that, if the lamp is fitted towards the off side of the car, two or three 4-in, holes drilled in the two or three \(\frac{1}{6}\)-in, holes drilled in the off side of the lamp easing will enable a small amount of light to be thrown on to the road, so that by looking back-wards out of the window the driver can

wards out of the window the driver can be reassured regarding the lamp. With a more centrally placed lamp it might be a good plan to drill the holes in the top, so that the light is thrown upwards, when it may be reflected in the rear window, in the case of a saloon. With either arrangement it is a good plan to fit a small piece of clear celluloid within the lamp body to prevent the ingress of water.

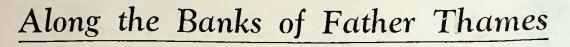
#### Removing Brake Shoes.

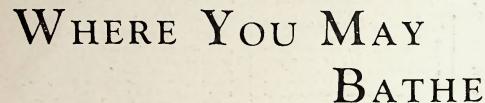
THE springs which hold brake shoes in position on the pivot pins and cams are usually very strong, and some difficulty may be experienced by amateurs in unhooking them when the shoes have to be removed. As the springs are the class could true it is not some strong and the class could true it is not shown in the shoes are the class could true it is not shown in the shoes could true it is not shown in the shoes are in the class could true it is not shown in the shoes are in the s of the close-coiled type, it is not possible to grip a single coil with a pair of pliers, but it will usually be found quite effec-tive to push the blade of a fairly stout screw-driver between the coils of the



spring close to one end. The screw-driver is then pulled sideways in a manner which will stretch the spring and thus allow its eye to be lifted off the hook formed on the brake shoe. A similar process is, of course, adopted when replacing the springs.

Care must be taken to avoid stretching the spring beyond what may be termed its clastic limit, as this will, of course, have the effect of reducing its strength, so that when in use the brakes may not be returned fully to the "off" position.





Beautiful Places Between Staines and Wallingford Where You Will Find No Irksome Restrictions and Plenty of Room for All



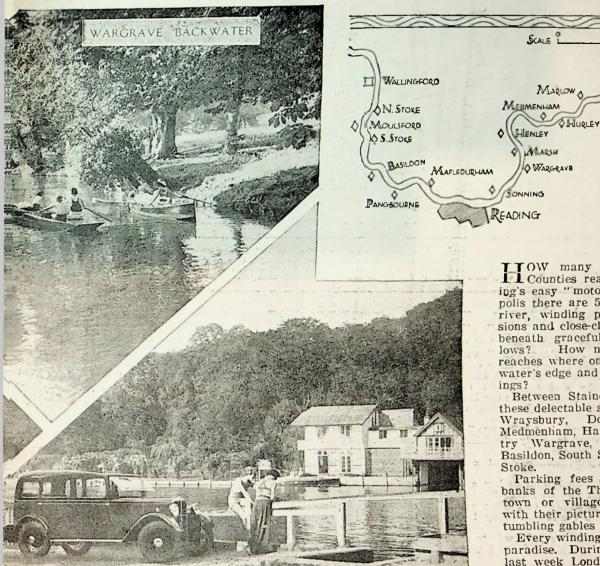


MULES

COOKHAM

WINDSOR D

RUNNYMEDE



MARSH, NEAR HENLEY

MEADOW

RUNNYMEDE

HOW many motorists of the Home Counties realize that within an evening's easy "motoring reach" of the Metropolis there are 50 gleaming miles of silver river, winding placidly past stately mansions and close-clipped lawns, and rippling beneath graceful trees and nodding willows? How many know of the quiet reaches where one may drive a car to the water's edge and bathe in idyllic surround-

Between Staines and Wallingford alone these delectable spots abound—Runnymede, Wraysbury, Dorney, Bray, Cookham, Medmenham, Hambleden and Henley. Or try Wargrave, Shiplake, Mapledurham, Basildon, South Stoke, Moulsford, or North

Parking fees are rarely asked on the banks of the Thames, and each riverside town or village discloses fresh delights with their picturesque inns, graceful spires, tumbling gables and mellow colourings.

Every winding reach opens up a bather's paradise. During the glorious weather of last week Londoners, "who knew," night after night made moonlight visits to favourite reaches where 40 years ago those wise Victorians sought refuge from the turmoil of dusty streets and found romance

and repose on the rippling waters of London's river.

Boating in those days put the big kick into the river, for bathing then was considered all but indecent, unless that atrocity the bathing machine was at hand to still the harsh voice of Mrs. Grundy. To-day when you go up the river you will find the old lady is not at home. Boys and girls and their elders undress more or less where they like, jump in, swim, splash about and sunbathe just as their fancy dictates.

And it is not only for those who bathe that this district appeals. Its inns and hotels, its hills and dales, its quiet backwaters and sequestered glades, are cool and calm and pleasant, whilst the bustling stream of modern traffic jostles along the great highways or the Home Counties.

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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.

#### A PLEA FOR SIMPLICITY

The opening sentence in an Editorial article last week under the heading "Still We Are Progressing" states:

"As year succeeds year it becomes more and more difficult to foreshadow really practical improvements in the design of light cars."

Many Frills? You further say: "Never in the history of light cars as year there here."

of light cars have they been more

I should like to join your correspondent "Pre-war" and echo his remark: "What we want is surely simplification

and a design which gives easy maintenance."

Present-day cars are certainly "ambitious," but a long way from "practical."

My own car is six years old, and I want to buy a new one, but after a careful search I can only find "improvements" which are so "impracticable" that they would make a "pre-war" designer blush for shame. May I give a few examples?

Very few modern cars can have any repair made to their

Very few modern cars can have any repair made to their clutches without removing such things as clutch housings, gearboxes, and even the back axles.

My local garage man showed me a car a few days ago with a broken clutch bolt. He had to move all the parts mentioned above to put in a new one. The new bolt cost 1s, but his bill for time should have been 50s. He could, however, not charge his client this amount. In 1912 I drove a 10 h p. car the clutch of which could have been several. a 10 hp. car, the clutch of which could have been removed complete in five minutes.

This was 20 years ago. "Still we are progressing." I cannot agree with you entirely.

My sister has recently bought a new de luxe light car at £250. The first time the car was driven at night the lights fused and burnt out the dipping mechanism. She

has had two new dynamos and, I think, three new batteries inside six months. Having covered 300 miles the car developed clutch trouble, and anyone wanting an afternoon's "entertainment" should try to get at the clutch on this particular car.

The vehicle is used only for shopping and short social calls; I contend that a modern car fitted with coil ignition is totally unsuited to this work. The battery never gets a chance to be recharged in the short distance travelled. Coil ignition, however, would be considered an "improvement" on the magneto. Again, I cannot agree.

"Feores" mentioned leaf work a generative traveller who

on the inspecto. Again, I cannot agree.

"Focus" mentioned lest week a commercial traveller who covers 25,000 miles per annum, and wonders whether these figures are an exaggeration. I think not.

A friend of mine often does 600 miles per week in a

A friend of mine often does 600 miles per week in a small car. Last year he did 26,000 miles in 11 months, and this year has exceeded 28,000 and is holding on to the remains of his car until nearer the Show. Here is the rub, however. His cars are scrapped every 12 months!

The manager of a large garage told me recently that very few modern cars would exceed 25,000 miles without costly overhauls. I think, however, that one could point to many cars built 10 or 15 years ago that have exceeded 60,000 miles and are still going strong.

In spite of the number of different makes and styles at

In spite of the number of different makes and styles at present on the market, I still think there would be a good sale for a car made of first-class material, of simple design, easy to maintain, but without all the modern frills and furbelows, which are of little use to the practical motorist. He can do without paper racks, pipe lighters, ashtrays, and pile carpets, but he must have a flexible engine, accessibility, and independently operated brakes, which the modern car sadly lacks.

#### Are Manufacturers Pessimists?

Very many modern cars carry a transfer at the back.

Presumably this is intended to assist other road users in identifying the car from the rear, and is, in fact, a form of advertisement. So far, so good. What mystifies me is that these transfer are

nearly always placed on the off side. This, of course, gives a fine view to

the drivers of overtaking cars, and one is forced to the con-clusion that the manufacturers expect their cars to be passed more frequently than they pass others.

Perhaps the expectation is justified, but if I were a manufacturer I should place my transfer on the near side, so that other drivers would be in no doubt as to what had J. INGLEBY JOHNS. leassed them!

#### Open Tourer Prices.

I do not think Mr. V. Goodwin can argue successfully that tources should be sold at cheaper prices than saloons. He admits that the last-named have a much better sale; B34

hence, on the principle that the greater the demand for an article the lower the price at which it can be sold, touring cars must cost more, especially as nowadays they are almost as expensive to manufacture as closed bodywork.

JOHN ARTHUR FLETCHER.

#### Horseshoes-

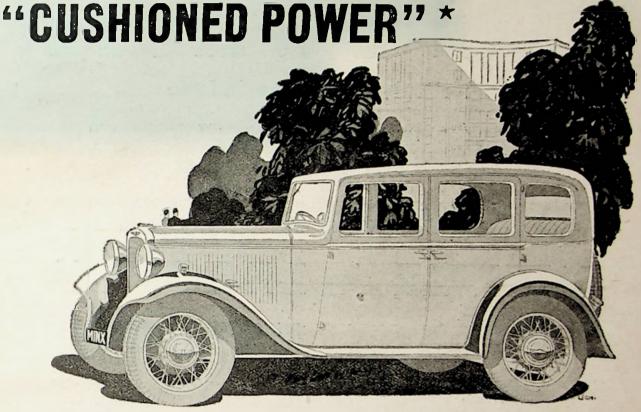
I wonder if "Focus" is right in saying that horseshoe nails are often responsible for punctures? I ask because in the past 11 years I have motored ever 80,000 miles,

almost wholly in rural areas, and, to Not Always the best of my belief, not one of the punctures I have had has been caused by such an agent. Doubtless, I shall

promptly have a trio from this cause.

Personally, I find that nine out of ten punctures are the result of those pernicious, flat-headed boot studs which up like little dogs and beg for lifts. I am told that they are extensively used by the Army in the boots of O-ranks. and I live within nine miles of a garrison town which would account for their prevalence. MARMADUKE.

Wise motorists won't decide until they've tried the car with



Not till they've inspected its sturdy chassis; sat in the four roomy seats; seen how every control is planned for easy driving.

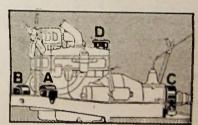
Not till they've driven the Minx; felt it leap from 10 to 30 m.p.h. in under 13 seconds on "top"; wondered at a 10 h.p. engine that gives them 55 to 60 m.p.h. without a suggestion of fuss.

They'll decide when they experience the difference "Cushioned Power" makes; when they realise how like a BIG CAR this "light" car is.

Tax £10. Develops 30 H.P. High efficiency 1 ax £ 10. Develops 30 H.P. High efficiency
4 cyl. side valve engine — 3 bearing crank
shaft—Long semi-elliptic springs (front 33"
rear 44") — Hydraulic double-acting sbock
absorbers — Marles steering — Petrol consumption 35 m.p.g. — Six body styles —
Rear seat width (Family Saloon, Saloon de
Luxe) 503" — Triplex glass throughout.

Triplex glass windscreen

**FAMILY SALOON** 



★ The Minx engine and gear-box are supported at points A, B and C. Not rigidly, but "cushioned" in resilient rubber, and steadied by a vibration damper (D). Past practice has been to leave the gear-box and universal joint unsupported—yet it is at this very point that engine and transmission vibrations tend to concentrate. In the Minx, vibration is checked at its source—absorbed in rubber before it can reach chassis or bodywork. Ask your dealer for the "Cushioned Power" booklet.

# LMANI

Easily the roomiest car at the price

The Hillman Motor Car Co. Ltd., Coventry. London ServiceSta. Lodge Place, St. John's Wood Rd., N.W. London Showrms. & Expt. Dept.: Rootes Ltd., Devonshire House, Piccadilly, W. a Every Hillman owner should read "Modern Motoring." Price 4d. monthly, obtainable through any newsagent.

# MG owners!

Not only is Motorine de Luxe

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# ALFA-ROMEO INVICTA BENTLEY LAGONDA DELAGE TALBOT

Follow the lead of the world's greatest sports cars.

There is a grade for every car and motor cycle. Use

# PRICE'S MOTORINE motor oil

by appointment to H.R.H. the Prince of Wales

The grade for all M.G. cars all the year round is Motorine C de Luxe. From bulk 2/- per quart, 7/5 per gallon. Or costing even less—1/9 per quart in 5-gallon drums. Have you any lubrication difficulties? Price's Technical Advisory Bureau is at your service. Write for a free Motorine Oiling Chart for your M.G. Midget of a new simplified design. Price's (Dept. L.C.22).

Battersea, London, S.W.11.

#### OUR READERS' OPINIONS (contd.)

#### What India Thinks

I picture with growing apprehension many little incidents which are bound to occur when I come home on leave next year after a 3½ years' absence and take the wheel of a car.

Conditions will be very much more changed this time than they were on the A Burma Reader's Worry. last occasion on which I came home, as the brains of administration seem to

have been directed more on affairs concerned with motorists during the past two years than they were in the whole of the previous 30.

The new laws, parking regulations, automatic traffic control, one-way traffic and so on will all contribute towards my discomfiture, which will be the more acute on account of the lack of uniformity which, according to your contributor "Focus," exists in all motoring matters.

It would be interesting to hear of the experiences during their first more beginning of some of your readers home.

their first month after landing of some of your readers home on leave during the present year.

JUNGLEWALLAH. on leave during the present year.

Burma.

I would like to draw attention to the seemingly high prices charged for British cars in India. Let us take the case

of the world's cheapest light car, the Morris Minor twoscatter, costing £100 in England. The
The Price price fixed in Lahore by the agents for
Question. this car is Rs. 2,625. Taking the rate
of exchange at Rs. 13/8 per £ sterling,
we see that the cost of the car in question in England at

Indian rates is Rs. 1,350.

I am aware that there are heavy duties on cars imported into India, also freight charges must not be lost sight of, nor the agent's profit; but is it fair to the ultimate purchaser that he should have to pay Rs. 1,275, almost double the price of the car, to cover all this?

For approximately another Rs. 300 one can purchase six-cylinder 24 h.p. car of American manufacture.

In conclusion, I would like to say that I am a very satisfied owner of a two-seater o.h.v. 1931 Morris Minor.

English India.

K. A. Tyler.

#### Three-wheeler Design and Cost.

One must admire the untiring efforts of The Light Car and Cyclecar in the interests of cheaper motoring, but I am afraid that the ideals are far from full realization. The

article on the German Goliath was full of interest to me; the courage of its producers is commendable. British manufacturers seem to have accepted Future Types. unquestionably two doubtful theories, both of which have

been set aside by the designer of this masterpiece.

These are:—(1) That a big-twin four-stroke engine is an essential to a three-wheeler; and (2) that the two wheels should be placed at the front. I do not see, however, why the engine should be mounted behind the seats, when it might add a steadying influence to the steering; but I agree with Dr. Stuart that the risk of tipping is minimized.

The car we are waiting for will be propelled by a 500 c.c.

air-cooled engine driving independently sprung rear wheels and steered by a single wheel at the front. It will carry an open or a closed body, be thoroughly up to date in appearance and equipment, and cost about £70.

#### Why Not Rear Engines?

At about this time of the year we begin to wonder how many of our dreams will be realized in the models for next season. The details of the 1933 cars so far published have

not included anything which was not standard in larger cars for 1932. Whilst one is grateful to manufacturers of light A Chance for Designers. cars in particular for the general excel-lence of modern products, there seems to me to be a wide

field in small car designing for something really revolutionary.

Your associated journal The Motor has published recently



A vivid pencil picture by Bryan de Grineau showing how Freddie Dixon and his mechanic volplaned over the hedge at Quarry corner during the T.T. last Saturday. Dixon had led the race for hour after hour, and his accident ended a mighty endeavour, THE END OF MIGHTY EFFORT. **B37** 



#### OUR READERS' OPINIONS (contd.)

series of amateur ideas of what a modern car should be. Most of the designs were regrettably ugly and all conformed with standard practice in leaving the engine in its accepted

position.

Personally, whilst not attempting to design a motorcar, I think the time will come when ears will be divided roughly into two classes. Class I will be touring cars, embodying comfort, reliability, economy, good looks and case of control. And it is in the last-mentioned direction that my imagination runs amok.

Why not a light car with the engine at the rear, driver with full view of the front wheels, no smell, no noise and more accommodation for passengers and luggage? Why not a small car on the lines of the Burney streamline car? Why not a steering viewpoint like that enjoyed by a long-distance

There will remain Class 11, composed of sports and sports cars, the drivers of which, not unnaturally, like to see an expanse of bonnet stretching along the line of vision, and who care nought for noise provided that racy appearance predominates to stimulate "that Brooklands feeling."

Is there not a serious problem to solve if makers are to retain their sales? Cars for years past have not changed so very materially. Refinements have appeared by the score, but the drawbacks of noise, lack of space, wind resistance, plus inaccessibility, have not been eliminated.

There would surely be a wide market for an engine in

the logical place—at the rear—with consequent improve-

ment in touring performance.

"Be modern" is the keynote nowadays. Being modern

John W. E. Wills.

#### CONDENSED CORRESPONDENCE.

Writing on the subject of the T.T., Mr. Roger Smith asks "Why can't we have a similar event in England?" We ask the same question under "Topics of the Day," Mr. Smith!

In reply to an inquiry for the address of a car-breaking yard in the midlands, published recently under "Readers' Wants," Mr. D. Dorrington writes to say that Messrs. A. Fletcher have a yard at 63 and 89, Dartmouth Street, Birmingham.

#### READERS' WANTS.

STANDARD NINE.—An instruction book for the 1928 model. -W. B. Shannon, 53, Parkside Way, North Harrow, Middle-

Belsize-Bradshaw.—An instruction book. Date of car stated .- H. G. Cullen, 5, Lafone Road, Feltham, Middlesex

SINGER JUNIOR. -An instruction book and any useful hints relating to the 1930 Singer Junior saloon.—J. F. Townley, "Bransdale," 38, Westdale Gardens, Burnage, Manchester.

#### Questions Asked and Answered

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Queries of general interest will be answered under this heading, but a stamped addressed en-velope must be enclosed for a reply by post.

Remote Control.—H.A. (London, S.W.).—The term "remote control" is used in connection with a gear change in which the actual gear lever is not mounted direct on the box but is carried on a bracket extending from the box and works through the medium of rods or levers. The advantage of the system is that the knob of the lever is brought readily but has a much smaller travel than is the case with a long lever working direct.

Worn Valve Guides .- N.S. (Berwick-upon-Tweed) .you are satisfied that the ignition system is in perfect order and that the carburetter is clean and is set as recommended by the makers, we imagine that the rather difficult starting and erratic slow running of which you complain is due to worn valve guides. This is quite likely, in view of the fact that your car is four years old and has covered 70,000 miles. The only cure is to have new guides fitted. At the same time we advise you to replace the valves as in all probability their stems are considerably worn.

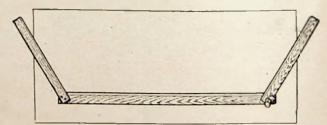
Lamp Bulb Sizes .- F.F. (Grantham) .- As the G-volt dynamo of your car gives a full charge of 8 amps., the most powerful headlamp bulbs that you can use without discharging the hattery are 18 watt gas-filled. These will conpowerful headlamp bulbs that you can use without discharging the battery are 18 watt gas-filled. These will consume 3 amps. each, leaving 2 amps for the side, tail and instrument lamps, the bulbs of which should be of the 3-watt type. In the summer, however, it should be quite safe to use 24-watt headlamp bulbs (which consume 4 amps. each), providing you cover a fair mileage in the daylight to make up for the discrepancy of 2 amps. when the headlights are in use.

Sticking Ammeter .- F.A. (Burnley) .- The fact that the haud of your ammeter sometimes remains pointing at 10 amps. charge, even after the engine has been stopped, suggests a fault in the instrument rather than in the rest of the electrical gear of the car. In all probability there is a little undue friction in the pivot bearings, and you may find, if you tap the dial with your knuckles, that the hand will spring back to zero. We do not advise you to attempt to rectify the trouble yourself, however, as an ammeter is a rather delicate instrument and it is best to leave repairs and adjustments to the makers.

Measuring Cylinder Wear .- V.O. (Darlington) .- Inside callipers cannot be relied upon to give a satisfactory indica-tion of cylinder wear as this would have to be very excessive indeed before it could conclusively be shown by this tool. The proper method is, of course, to use an inside micrometera rather expensive tool. Your best course would be to have your car decarbonized at some competent service station and to ask them to check the degree of wear when they have removed the head.

Tracking Front Wheels .- S.H.S. (Sheffield) .- If suspect that your front wheels are out of track you should make up the simple gauge shown in the accompanying illustration. You will see that it consists of a lath of wood slightly shorter than the track of the car with two further laths bolted to the ends and sloping outwards slightly, the ends of these coming approximately at hub level when the gauge is placed on the ground. One of the end pieces can

attached rigidly, but the other should be adjustable.
To test the track of the front wheels, the gauge should be placed in front of the axle so that the rigid end piece is just touching one of the rims, when the adjustable arm



should be moved so that its end touches the corresponding point on the rim of the other wheel. Without disturbing the adjustment, the gauge should then be transferred to a similar position behind the axle and any discrepancy in the distance between the rims before and behind the axle noted. Actually, the measurement behind the axle should be either the same or not more than in greater; that is to say, the wheels may be either dead parallel, or may toe in to an extent not greater than the figure mentioned. On no necount should the front wheels toe out.

You might also find it worth while to check the alignment of the front axle, which is best done by measuring the distance between the front and rear hubs on each side of the car by means of a length of string. The measurements should, of course, be equal. Needless to say, these tests should all be carried out with the front wheels pointing dand straight a broad

dead straight ahead.

What must he think ? when you ask for inferior oil.

# MOTOR

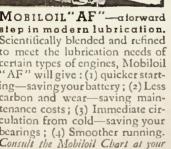
Manufacturers



#### USE MOBILOIL



MOBILOIL" AF -a forward step in modern lubrication. Scientifically blended and refined to meet the lubrication needs of certain types of engines, Mobiloil "AF" will give: (1) quicker starting—saving your battery; (2) Less carbon and wear—saving maintenance costs; (3) Immediate circulation from cold-saving your bearings; (4) Smoother running.
Consult the Mobiloil Chart at your Garage.







Only 12% of all motorists in Great Britain use unbranded oil

Ask yourself this question: Why do motor manufacturers warn you so emphatically against using inferior oil? The answer obviously is-Because inferior oil can't stand up to its job. It puts extra strain on every working part. And sooner or later you are faced with heavy bills for big-end failures, worn cylinders and other repairs.

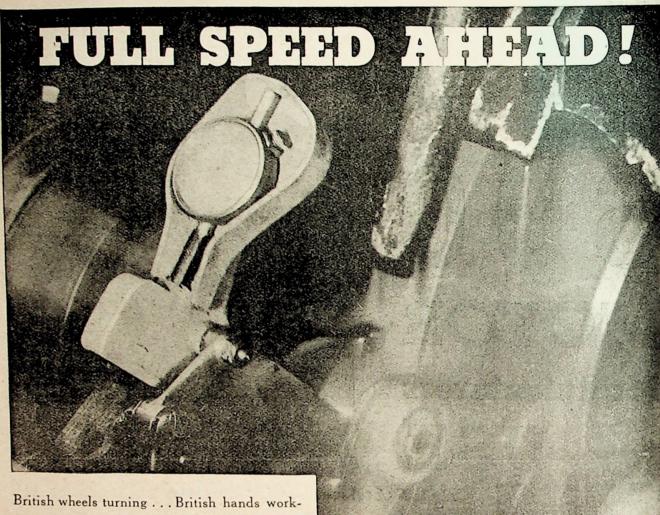
That is why more than 600 motor manufacturers say — Use Mobiloil. Of no other oil can this be said.

Mobiloil is made by the oldest and largest firm of lubrication specialists in the world. It has exceptional stamina. It stands up to high speeds and temperatures - and reduces friction, carbon and wear to the lowest known minimum.

Use Mobiloil in your car or motor-cycle. For the correct grade consult the Mobiloil Chart at any good garage or service station.



LTD., LONDON, COMPANY, S.W.1 OIL VACUUM



British wheels turning . . . British hands working . . . British brains thinking . . . British cars, selling in their thousands! All the world wants a 1933 Standard, and so at the Standard Works production is in full swing. Four splendid cars—all streamlined for beauty and easy cleaning, all carefully designed for comfort, all rigorously tested for performance and hard service . . .

#### FOUR SPLENDID CARS-

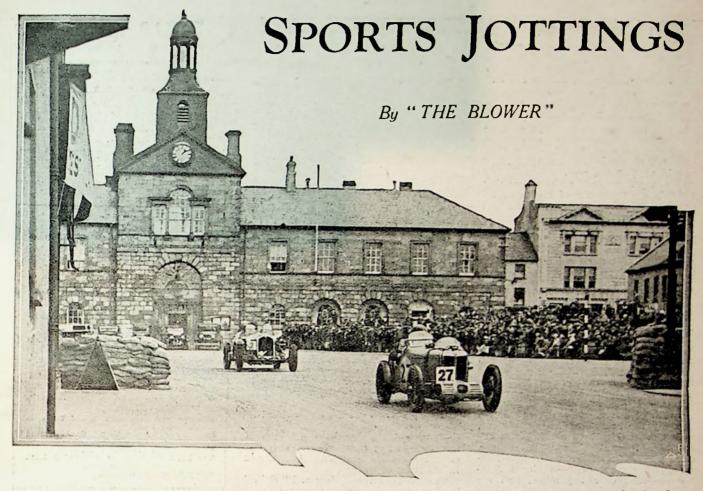
The new Standard "Little Twelve" (six cylinder) Saloon £189
The new Standard "Big Twelve" (six cylinder) Saloon £215
The 1933 Standard "Little Nine" ... Saloon £159
The 1933 Standard "Big Nine" ... Saloon £205

All 1933 models fitted with Dunlop tyres. . . . All prices ex works.

1933 STANDARD CARS

Read "The Standard Car Review," published monthly. The Standard Motor Company Limited, Canley, Coventry price 3/6 a year. Send postcard for 1933 literature to:

West End Showrooms:—The Car Mart Ltd., 46-50 Park Lane, London, W.1, and 297-9 Euston Rd., N.W.1



A fine T.T. photograph of cars swirling out of the Town Hall square into the Comber Straight, where the narrow street re-echoes the snarling exhausts as the machines gather NEWTOWNARDS. speed. Norman Black, last year's winner of the race, is seen in front, with Earl Howe (Alfa-Romeo) getting into position to pass.

WHILST London and other small places were gasping in the threes of a heat wave on Saturday, the lucky folk in the T.T. grandstand in Ould Oireland were buttoning up their coats to the neck: the wind blew cold from the Mountains of Mourne (local colour). Enthusiasm, however, was at fever heat and if ever a crowd roared it was when Whitcroft flashed over the line, the winner. The Rileys were in-credibly sure and speedy and, of course, they came in for the lion's share of the bonours; but in the general rejoicings we must not forget the fine show which the other cars put up and the stupendous bad luck which attended some of

their efforts.

Hall and Low kept the flag flying wonderfully, however, the former being third in the race and the latter putting up what is surely one of the finest shows of modern times by taking his unsuper-charged car non-stop right through the race to finish tenth at 60 m.p.h.

Local enthusiasm was intense and one felt no doubt at all that there will be a T.T. in 1933. As I prophesied, speeds were very high. This was due primarily, I think, not to the absence of wings and lamps, but to the wonderful condition of the course. There wasn't the surface a bump anywhere, and the surface offered a grip of which drivers were able to take full advantage. When a car skidded—well, nothing would have stopped it.

By the way, the proprietor of the famous butcher's shop at Comber might well adopt the slogan, "This is the shop-you've hit it!" in order to attract and keep his customers. Quite a lot of potential customers hit it on Saturday.



Freddie Dixon thought he was still on a motorcycle - and cornered accordingly.

They do say that Freddie Dixon thought he was still on a motorcycle and took all the corners on two wheels hence the milk in the coconut.

I noticed that "The Dragoman." columnist or gossip writer to the Daily Express, was immensely superior on the subject of the T.T. last Monday. He considered, after mature consideration that of all games, this game of tion, that of all games, this game of motor racing was not worth the candle. He thought it a dreadful thing that selfish men should roar about in a manner that causes harm to the lookerson if a car runs amok.

The answer is, I think, that said lookers-on love it.

... not worth the candle . . . !

The new scoring system was definitely good. Not only could one determine whether or not a car was running ahead of or behind its handicap schedule, but also the actual time in minutes and seconds which separated each of the first eight cars. The score board was amended every half hour and the new figures were put up promptly and in readable form.

Belfast went quite mad about the whole race during the week; in fact, the enthusiasm swelled to almost alarming proportions on Friday.

Why can't we have a road race in this country! whether or not a car was running ahead

NOTHER treasure hunt. This time has the Bugatti Owners Club, on Sunday, September 11th. This promises to be a hunt out of the ordinary, and the clues will be hidden in a short story which will be handed to the competitors at the start. Instead of chas-ing about all over the countryside col-lecting fresh envelopes the hunters will chase about collecting extremely odd articles. All owners of Bugattis are invited to compete and members may bring as many friends as they like. The entry fee, including the necessary

The entry fee, including the necessary map, is 5s. 6d.

The start will be from Virginia Water at 11 a.m. Full particulars from the hon, secretary, Mr. E. L. Giles, 2, Queen Street, Mayfair, London, W.1.

DURING the week some excitement has been caused by the B.P. advertisement stating that the fuel used in the T.T. by Whiteroft was "not obtainable from garages." The T.T. regs. say that "only commercial fuel" may be used in the race.

One must remember, however, that not only are the tanks of the cars filled by the club, but their contents are analysed after the event!

THE 1,500 c.c., Maserati, which has not yet been seen in this country, won the 11-litre class of the recent Comminges Grand Prix at an average speed of 75.5 m.p.h., as against Zehender's S7 m.p.h. in the Alfa-Romeo which won the general classification. An Amilear was second to the Maserati and another Maserati was third.

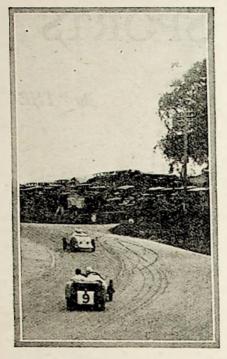
IT may be remembered that I men-tioned in these notes a week or two ago an interesting Shelsley-type model known as the Monaco, which put up an excellent performance at the recent Klausen Hill-climb, driven by one G. Aymini, of Turin. I was struck at the time by the excellent speed of the car, which created quite a sensation at the meeting. Aymini's time in the 1,100 c.c. class was 18 mins. 39.4 secs. The fastest 1½-litre sports car—a blown Alfa-Romeo—took over 19½ mins., and the 12-litre racing class was won in only

17 mins. 53.6 secs. So the Monaco goes. Glaucing through Moto Italia the other day I came across a description of the car, and the few details herewith (gleaned with incredible linguistic diffi-culty) will be interesting.

The car was designed by a well-known Turin engineer, Augusto Monaco, who certainly has the right ideas on power-weight ratios. The Monaco is in no sense a modified G.N. chassis, and is built right from the start as a real fast motorcar.

It is considerably crab-tracked, has front-wheel drive and is powered by a fine specimen of our old friend the 998 c.c. o.h.v. twin-cylinder J.A.P.
There is a massive aluminium unit-construction of engine, gearbox and front-drive layout, and the engine is set well back in the chassis.

Signor Monaco decided that his cylinders should receive an excellent blast of air and produced an immense fan, the



The T.T. Moore's Frazer-Nash and Balls's Crossley passing the spot where the Talbot-Midget collision took place. Note the tyre marks.

shaft of which is driven by a belt from the front end of the propeller shaft. A most ingenious kick-starter is arranged

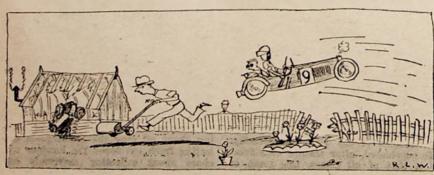
in the front of the car.

The car is extremely low and "right" looking and the driving compartment has no sides at all. It is a single-seater, of course, and the rear, which presumably carries the petrol tank, is beautifully streamlined, and has a large fairing behind the driver's head.

Plunging deeper into the deluge of liquid Italian I gather there are five speeds—8.64, 9.52, 10.5, 12.78 and 17.33 to 1—which seem about right for hill-climbs—the be-all and end-all of the car.

Moto Italia reports that at Monza the Monaco achieved 110 m.p.h .- mean speed over the flying kilometre, mark youso it would appear to be an Italian edition of "The Terror."

M.G. Midgets, a Magna and two Rileys appear in the first entry list for the Phenix Park meeting (September 17th) of the Irish Motor Racing Club. Seventeen cars have been entered in all, and the meeting will probably be run in 1100 and and core 1100. ably be run in 1,100 c.c. and over 1,100 c.c. categories.



The horticulturists: during the race T. G. Moore (Frazer-Nash) shot backwards into the same garden that H. C. Hamilton occupied with his Midget in practice.

#### CLUB ITEMS

SPORTING OWNER DRIVERS' CLUB.

A gymkhana will be hold by the club on September 17th. Details can be obtained from the bon secretary, Mr. J. C. Thorowgood, The Wood, Crowthorne, Berks.

Wood, Crowthorne, Berks.

MIDLAND JOWETT C.C.

The annual reliability trial will be held on Sunday. September 18th. All Jowett owners in the Midlands are invited to compete. Full particulars are available from the hon. secretary, Mr. G. H. Symes, 14, Doris Road, Sparkhill, Birmingham.

S. JOWETT L.C.C.

A club rally will be held on Sunday, August 28th, near Midhurst, Sussex. All Jowett owners in the London area will be welcome, and full particulars are available from the bon. secretary, Mr. E. A. Dudley Ward, 17, Nibthwaite Road, Harrow.

#### FORTHCOMING EVENTS.

August 27th.

London Fogle M.C. Week-end Camp at
Ashridge Park.

Isanridge Park.

August 28th.

London M.C. Caplain's Mystery Run.

Norwood M.C. Secretary's Run.

Rochester, Chatham and D. M.C. Run to
Cambor Sinds.

Triumph M.C. (Northern Branch). Trossure Hunt.

Midland A.C. Shelsley Walsh Amateur
Hill-climb.
Middlesax County A.C. Oakes Competition.
Wood Green and D. M.C. Week-end Camp
at St. Osyth.
M.C.C. High-speed Trial, Brooklands,
September 7th.
Eastbourne Concours d'Elegance.

Eastbourne Concours d'Elegance.

September 10th.

B.A.R.C. Brocklands Meeting.

Kent and Sussex L.C.C. Speed Trials,
Lewes.

September 17th.

Brighton and Hore M.C. Speed Trials on
Brighton Front.

Irish Motor Racing Club. Race Meeting
in Phenix Park, Dublin.

September 18th.
The Light Car Club Buxton-Buxton Trial.
September 24th
B.R.D.C. 500-Miles Raco.

#### ULSTER RALLY RESULTS.

The following are the prize-winners in the Ulater Motor Rally, which concluded on Tuesday, August 16th at Banger.

First prize (£100): Wm. McMullan (Speed Twenty Alvis). (Starting from Belfast.) Time error at secret check, 1 2-5 secs.

Second prize (£50): H. Lantin, of Belfast. (16 h.p. Standard Swallow). Time error at secret check, 3 2-5 secs.

Third prize (£20): J. Stanley Orr, of Belfast (Austin Seven). Time error at secret check, 7 secs.

(Austin Seven).

Fourth prize (£10): D. M. Healey, from London (12 h.p. supercharged Invicta tourer). Time error at secret check, 9 secs.

Fifth prize (£5): J. W. Walker, of Beliast (10 h.p. Rover). Time error at secret check 14 secs.

14 secs.

The Ladies' Cup was won by Mrs. J. W. Shaw, of Bellast, with a 9 h.p. Triumph, while Mrs. S. B. Cliff, starting from Londen, was second in her blue M.G. Magna, having lost only 5 warks out of 500.

The Team prize, valued at nine guineas, was won by a team consisting of T. Baxter and F. W. Larney (Austin Sevens) and Wm McMullan (Speed Twenty Alvis).

TRIUMPH M.C.

The Northern branch of the Triumph Motor Club, which has recently been formed, will bold a treasure hunt on Sunday, August 28th. The course will be about 35 miles in length. During the winter months it is proposed to hold a series of dances, and it is hoped to form a dance band from amongst club members.

"SUNBAC."

Forthcoming events announced in the August issue of "Sunbao News" are an Evening Car Trial on Wednesday, September 21st, and the Nicel Car Trial on November 12th. The Veteran Vehicles' Run has been postponed, and will be held in November on a date not yet decided.

Club members have been invited to compete in The Light Car Club's Buxton Trial, the Welsh Uneday Trial of the Laverpool M.C. and the London-Gloucester Trial of the N.W. London M.C.

The following are the care.

M.C. The following are the car results of the Yorkshire Trial, held on July 2nd and Jrd.
First-class Awards: J. G. Orford (Austin),
R. J. Richardson (Austin), J. Bastock, H. M.
Avery, A. Langley, J. R. H. Baker (M.G. Midgeta), H. K. Crawford (Wolseley Hornut), W. H.
Atkins (Morgan) and E. R. Oliver (Clyno).
Second-class Awards: J. B. Fruin (Singer) and
H. Laird (Morgan).

How may the ordinary owner-driver judge the qualitof the oil he uses in his car or motor-cycle? RESULTS OF by the experience of the "aces" of and the air, for the supreme of any lubricating oil under the attempts c If oil wil tions more day-to-day 1 be no fear of Herein lies They are more not only of hun and especially (C. C. Wakefiel Last Saturday

C. R. Whitcroft

ILE

(at 74.23 m.p.h.)

G.E.T. Eyston

upper

using CASTROLLO

and

in a long series the air, which hav These succe oil Wakefield Compar. firm. By its many itself a world-wide n maintaining the re, products abroad.

A noteworthy featu oil used was in no case s New world's records ha great flights successfully of Castrol oil identicall ordinary private owner station.

The great sporting succ Castrol oil are thus convi purity and reliability of the use.

#### Recommended B

Castrol lubricating oil is sole recommended or approved by 1 of cars, motor-cycles, commen and motor-boats.

There is a wide choice of grade ments of every machine on the n and for summer use.

Despite acute trade depression an from foreign firms anxious to secu British market, the sales of Castrol 1 a new record for the tenth successive of the Company.

#### First Atlantic Flight

In 1919 Castrol was chosen for the Flights by aeroplane and airship. In possible the first light aeroplane Atlantic t Leader Hinkler's 2,000-mile crossing in al Inc aeroplane is one of the epics of British av.

It was the first light aeroplane flight fn to London, the first solo flight across the Sc and the first West-to-East South Atlantic

Another historic Atlantic success was formation flight across the Atlantic in January Ten flying-boats of the Italian Royal Air

machines under the ægis of the Italian Governme oil chosen for the venture was the product of a land show and show the waste of the italian Governme oil chosen for the venture was the product of a land show and show the waste of the italian Governme oil chosen for the venture was the product of a land show the contraction, and show the contraction, and show the contraction, and show the contraction, and show the contraction of the contraction of

#### World's Records

was with Castrol that Britain won new world's Is last year on land and on water. This oil has , too, in victory after victory in classic races here, Continent and abroad.

31 alone, over 60 World's and International Class were established with machines lubricated with il, and it has played its part in many of the Sant flights of the year.

has ever yet exceeded 200 m.p.h. without the rol. It was used in the late Major Sir Henry Golden Arrow," and it was used, too, in Sir mpbell's "Blue Bird" when he achieved a land speed record of 253 m.p.h. at Daytona. the aid of this oil that Mrs. G. M. Stewart st 140 m.p.h.—the fastest speed ever by a ver-and covered 100 kilometres and faster than any man!

ed ever attained by a baby car was secur-This was the oil used in the M.G. Midget E. T. Eyston raised the international ord for baby cars to 118.38 m.p.h. at 'oo, was the first to exceed 100 m.p.h. er 100 miles in one hour in a haby car, ear he broke no fewer than 20 interthis class, and on every occasion his e lubricated with Castrol.

#### Events Won On Castrol

motor classics at home and abroad s for Castrol users—for example, at Brooklands last October (the th long distance) first and second this oil. The winning Bentley higher speed than the world's

> man and Belgian Grand Prix ous Italian 1,000 Miles Race, trol; whilst there have been over the world.

> > , although less spectacular, and Continental trials in ubricated with Wakefield

etres trial, for example, ers of ten first prizes, one, who successfully

cylinder lubricant most of the important e silver medals



WAKEFIELD

#### AROUND THE TRADE

"The largest light car buyers" is the claim made by Rowland Smith Motors, Ltd., 78-81, High Street, Hampstead, London, N.W.3.

All communications intended for the London warehouse of The British Aluminium Co., 1.1d., should be addressed in future to 23-25, Paneras Road, N.W.1.

Mr. George White, who is well known in Manchester, has joined the board of Henlys, Ltd., and will be in charge of the Manchester branch as from August 10th.

Pirelli, Ltd., report a greatly increased demand for their tyres in Ireland. Their Dublin branch office has been moved to more spacious premises at 48, Fleet Street.

Starter rings for shrinking on the flywheel can be obtained from The East London Rubber Co., 29-33, Great Eastern Street, E.C.2, who are wholesale stockists of them. -0-0

Weathershields sliding roofs can be had in London from Messrs. Harwood Coachworks, Farm Lanc, Walham Green, S.W.6, who are fitting agents and stockists for the London district

The Hanworthy works at Poole, until recently occupied by the Hoyal Body Corporation, have been taken over by Messrs. Dorset Industries, who will make motor bodies amongst other woodwork products.

-----

"Building Goodwill at a Profit" is the title of a Tecalemit publication, explaining the progress which the company is making with regard to the provision of new equipment for furthering the efficiency of garages.

The Jowett saloon which figures in our front cover picture and also in the article in our centre pages was very kindly placed at our disposal by F.O.C.II., Ltd., 3 to 5, Heath Street, Hampstead N.W.3.

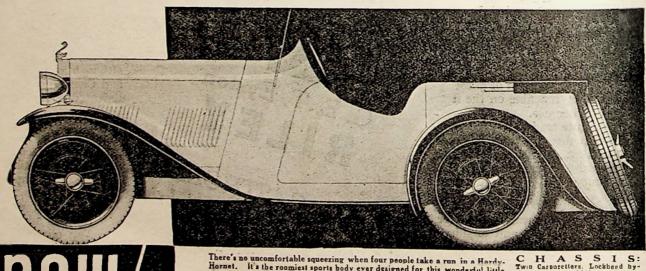
Beumotors, well known to our readers as specialists for many years in second-hand cars costing under £100, are always well supplied with cheap light cars at "The Clearing House for Small Cars," 128-130, East Hill, Wandsworth,

C. R. Whiteroft's Riley, which won the R.A.C. T.T., used a B.P. mixture and Castrol oil. The following accessories were fitted:—Hartford shock absorbers, S.U. carburetters, B.T.H. magneto, Champion plugs, Dunlop tyres, and Duron brake linings. -0-0-

James Grose, Ltd., who have a branch in the City at 4, Old Jewry, Cheapside, as well as their Euston Road premises, are offering starting handles with revolving grips at prices as low as 3s. 6d. Their 3d. rubber bonnet buffers to take the place of the usual webbing are an attractive and useful novelty.

Mr. A. P. Compton, until recently prominent in the Arrow coachwork business, advises us that he is now in business on his own account. His new business is styled A. P. Compton and Co., the address being, Arrow Works, Portsmouth Road, Thames Ditton, Surrey. Mr. Compton wishes to point out that he is making sports and racing hodies to special designs, but cannot now accept orders for "Arrow" bodies.

Always enterprising, Rootes, Ltd., believe that they put through the first commercial call on the new wireless telephone service between London and Johannesburg, when one of their directors spoke to Mr. Len Oates, head of the Atkinson-Oates Corporation, of Johannesburg. Mr. Oates mentioned that the Hillman Minx was selling very well in South Africa and that sales of British cars were going ahead splendidly.



SEATER

There's no uncomfortable squeezing when four people take a run in a Hardy-Hornet. It's the roomiest sports body ever designed for this wonderful little chassis; yet it's as smart and rakish as—well, look at it! Ask your local Wolseley dealer about Hardy Coachwork. Or drop us a line, and we will tell you how you can see a "Hardy-Hornet."

OPEN SPORTS 4-SEATER: 8-pallon Petral side curtains; iton-guards to headlamps; two-way folding sercen; 18-fierble ettering which; streamline sentile; fish tall exhaust; Tandem electric screen wiper; Rudge redwing whether; constitutions in settile; Tenneau and hood covers; adjustable seats; presumation upholstery. Choice of colones.

4-SEATER SPORTS SALOON: Four windows, all windows, all windows, all windows; all windows; the second sector of the sector of the

Two Carpuretters. Lockbeed by-dranlicheakes on 12 dromms: Remote control 4-append gearbox (aftent 3rd): Git cooling. Crab track for road holding. 10 headlamps. Large dialrev. counter and spoedometer, etc., etc. (Tax 212).

"To comply with the terms of the Wolssley Company's Two Years Goarnnice, no structural alterations are being made by us to Wolssley Chassis without the consent of the Design Technical Department of the Company being first obtained."

PRICES COMPLETE

PRICES COMPLETE

pen Sports £275
-seater Sports £285



HORNET COACHWORK R. HARDY & SON, Showroom: 50, High Street, Marylebone, W.1. Welbeck 1101-2





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1928 JOWETT, long chassis Saloon, 7 h.p., leather upholstere, very smart, good tyres.

1930 AUSTIN, de luxe, 2-scater, blue, all-weather £58 equipment, really fast, taxed.

1930 HUMBER 9, de luxe Saloon, 4-door, a really £125 handsome quality light ax.

1929 M.O. Midget, 2-scater Sports, red, licely engline, £72 good teves, brakes and smart appearance. Taxed yers amarted. Choice of two loss of the control of

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25, EAST HILL, CLAPHAM JUNCTION, S.W.11

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REGULATIONS.

Copy must be supplied without application from the publishers, and current copy and blocks will be repeated if now copy is not received at the time of closing for press. Orders for advertisements are subject to acceptance in writing from the Head 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 cars or accessories which in the opinion of the publishers is outside the acope 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, which includes the right of rejection of advertisements, whole or part, containing cut prices of goods coming under an approved price maintenance scheme, and such refusal of copy shall not be a good ground for advertisers to stop a current contract or to refuse to pay for the same or for taking action for broach of contract. The Proprietors, whilst endocavouring 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 renew upon similar terms. Contracts relate to the advertiser's own goods or services, and the space may not be sub-let or disposed of many way. Conditions which are contained in order forms other than those of the Proprietors, and which do not conform to or nor 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 fee of 6d, to cover booking and cost of forwarding such replies. The words "Hox , 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 approvaldeposit system. The intending buyer forwards to our office the amount of
the purchase money, which will be acknowledged to both parties. Notes
or Money Orders save time. Cheques must be made payable to Temple
Press Ltd., and crossed "Midland Bank, Ltd., Bedford Row," and
are acknowledged to the 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 ½ por cent. (minimum charge 1/-) on amounts deposited to
cover our expenses of bocking, 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 soller's. Articles on approval are not
to be retained more than three days, unless by arrangements between
the parties. All disputes to be settled by the arbitration of the Editor
of "THE LIGHT CAR AND CYCLECAR," whose decision shall be final
and binding to both parties.

WARNING.—Acknowledgements of deposits or instruction to forward.

WARNING.—Acknowledgements of deposits or instruction to forward goods advertised are only written on our special headed paper, which bears a facsimile of the title of this journal. To prevent fraud, the advertiser 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 sont by us, we will wire the advertiser not to part with the goods advertised.

#### CLOSING TIME.

Copy for and all matter relating to advertisements must reach our Head Offices by 6 p.m. Monday and should be addressed to G.P.O. Box 147, "THE LIGHT CAR AND CYCLECAR," 5-15, Rossner, Avenue, London, E.C.1. If proofs of displayed advertisements are required, copy must be forwarded in sufficient time to allow of them 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.

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Head Offices:-5-15 Resobery Avenue, London, E.C.1.

Inland Telegrams: "Pressimus, Helb., London."
Cables: "Pressimus, London."
Telephone: Clerkenwell 6000 (Private Exchange).

#### SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE

ALVISES, under £100. See page 24.

29.974

ALVIS Brooklands sports 4-seater, 70 m.p.h., 12-50, o.h.v., numerons extras, overhauled and specially tuned, absolutely 100% condition, £32 10s.; choice of two. Cummings, 5 Putney Bridge Ed., 8.W.18. Putney 2728.

ALVIS 12-50, super sports aluminium body, outside exhaust, exceptionally well kept, guaranteed 70 m.p.h., licensed, £48; exchange motorcycle. Tippett, Arlington Rd., Surbiton. Elmbridge 1274. 29-j375

ALVIS, 1927 12-50 super-sports 2-seater, pointed tail, taxed, £85; low deposits; exchanges. Page, 199b Upper Richmond Rd. Putney 7671.

AMILCARS, under £100. See page 24.

AMILCAR. Park Garage (Leyton) offer a special bargain. 1929 Grand Sports 2-seater, 4-speed, low chassis, cycle type wings, practally new tyres, spring steering wheel, centurosed bite and red, all bright parts chromium plated, taxed and insured comprehensively, originally priced at £87, offered during this sale week only at £70, cheapest ever offered and impossible to repeat. Park Garage, Skelton's Lane, Leyton Leytonstone 1437.

AMILCAR, Surbaisse, genuine low chassis grand sport, tax paid, cycle-type wings; large diameter f.w.b., 27 by 4 well-base Rudge wheels and tyres, entirely overbauled, repainted, 250; exchanges. Cummings, 5 Putney Bridge Rd., S.W.18. Putney 2728.

AMILCAR. J. K. Greenwood and Co., Ltd., offer:-

AMILCAR, genuine Surbalsse sports 2-seater, balloon tyres, 2 spare wheels and other refinements, very fast car and extremely smart, cellulosed red, any trial, £47 10s. Camden Motors, behind Camden Town Underground.

£49. Amilcar 9hp super-sports saloon, chromium plating, etc., 35 m.p.g., over 60 m.p.h., beautiful condition. Below.
£43. Amilcar 9hp Surbaisse-type sports 2-seater, taxed, white and red, chromium plating, 3 new tyres, f.w.b., Triplex, new hood, cycle wings, 70 m.p.h. Below.

£39. Amilcar 9hp long-tailed 2-seater, recellulosed red, entirely over-bauled, f.w.b., Aero acreen, etc. Below.

£36. Amilcar sports 3-seater, taxed, Lw.b., Vee screen, etc., choice of two. Below.

£18. Amilcar 9hp sports 3-seater, choice of two one taxed, written guarantee; exchanges, deferred, 30 and 30a Highgate Rd., N.W.5. Gulliver 2251-2.

ARIEL 9. 1925. 4 seater, mechanically perfect, repainted, all-weather equipment, £18. 10 Ewald Rd., Hurlingham, Fulham. 29-1796

ARMSTRONG SIDDELEY, 1930 126, mileage 1,400, 290 or exchange for later model with cash. Fry. 16 Green St., W.C.2. 'Phone, White-hall 6636.

ARMSTRONG SIDDELEY. F. G. Smith (Motors), Ltd. 12-6 1929 saloon, colour green, exceptionally nice condition throughout, £75, High Rd., Goodmayes. 'Phone, Seven Kings 1000 (7 lines). 29-10

ARMSTRONG SIDDELEY, 1929 12 6-cylinder saloon, splendid order, leather upholstery, £75. Denman, 132-3 Long Acre, W.C. Open weekends. Temple Bar 8135-6-7.

AUSTIN authorized main dealers. Immediate delivery of all models, new and second-hand, in stock; exchanges and deferred terms if deared. Beechings, Ltd., Farnborough, Hants. Telephone 279.

AUSTIN, 1931 model coachbuilt saloon, excellent condition, any trial, tax paid to end of year, £75; 1930 saloons, coachbuilt, from £55. Cars supplied on repurchase basis on low deferred terms. Ask for particulars. Normand Garage, Ltd., 489 Oxford St., W.1. Phone, Mayfair 6801-2. Open till 7 p.m. week-days, 6 p.m. Saturdays, 10-1.30 Sundays, 222-47

AUSTIN 7 8wallow saloon, 1930, very nice condition, thoroughly recommended, hire-purchase, exchanges; £72 10s. Taylors. Below.

AUSTIN 7 fabric saloon, one owner, thoroughly overhauled, choice of 2. from £59. Taylors, 135 London Rd., Kingston, 1263.

AUSTINS, under £100. See page 24.

R4Ω

AUSTIN 7, 4-scater, 1928, in excellent condition, £28; another, £22. 34a Hereford Rd., Westbourne Grove, W.2.

AUSTIN 7, late 1929 Boyd Carpenter special sports 2-seater, in exceptionally smart and sound condition, fully equipped. £65, or exchange Morgan or motorcycle. 359a Goldhawk Rd., Hammersmith, W.6. Riverside 5113.

AUSTIN 7a. "There's no place like Holmes." It will nav you to inspect our present stock of exceptionally nice clean second-hand con1929 Swallow salcon, black and cream, one condition a bargain, £53, or £18 deposit, including 12 means in 1928 tourer, £36, or £12 deposit, including insurance; 1928 tourer, £36, or £12 deposit, including insurance; £27, or £10 deposit, including insurance; sideo a 1928 van, a bargain, £40; exchanges. Herbert W. surance; also a 1928 van, a bargain, £40; exchanges. Herbert W. Holmes, 29 Foley St., Gt. Portland St., W.1. Museum 1414. 29-223

#### IMPORTANT TO ADVERTISERS-

#### Alteration of Press Day

The latest time for receipt of paragraph advertisements will in future be

#### 6 p.m. Monday

for the following Friday's issue.

Advertisements for our next issue must therefore reach our Head Offices by 6 p.m. Monday, August 29th

AUSTIN. F.O.C.H., Ltd. 1929 Gordon England saloon, black and maroon, i.w.b., pneumatic upbolstery, safety glass all round, 2 new Dunlops, very good condition, taxed, 39 guineas. Below

F.O.C.H. 1928 Gordon England Cup 2-scater, twin exhaust system, remarkably good engine, good tyres, excellent condition throughout, taxed, 39 guineas. 3-5 Heath St., N.W.3. Hampstead 2215-6. Open Sunday mornings.

AUSTIN 7, 1930, Wydor fabric S.R. saloon, black and red, exceptional appearance and order, £60. Harry Nash, 348 King St., Hammersmith.

AUSTIN 7hp Cnp model, 1928, just refabricked by makers and fitted with late-type body strengtheners, new hood, taxed and insured, several extras, overhauled, 235. Exchanges. Cummings, 5 Putney Bridge Rd, S.W.18. Putney 2728.

AUSTIN 7 Gordon-England Stadium model, sports 2-seater, twin car-buretters, specially tuned, oversize tyres, in new condition throughout, numerous extras, tax paid, £45; exchanges or deferred payments. Cum-mings, 5 Potney Bridge Rd., S.W.18. Putney 2728.

AUSTIN 7 tourer, 1926, good runner, £19. Byfleet Automobile, West Byfleet. 29-j453

ISTIN 7. Rennos. 1928 Mulliner saloon, i.w.b., starter, spare cel, dynamo, speedo-, mirror, wiper, tyres good, repainted, 59 guineas, 10s. down, 42s. 2d. monthly. 232-3-4 Upper St., Islington. Near bes. Phone, North 4467-8.

N 7, 1928 saloon, good condition throughout, salety glass, upholstery, £32. 516-522 Streatham High Rd., S.W.16. 'Phone, is 4444.

AUSTIN 78. Maxey Motors, Ltd., is the firm for these wonderful little

Call and see them, or we will gladly send them to you.

AUSTIN 7, 1931, coachbuilt saloon, in fine order inside and out, £77 10s.

AUSTIN 7, 1927, Cup model, very fast, £35.

AUSTIN 7, 1928, van, painted, ready for hard work, very sound, £34.

AUSTIN 7 Cup models always in stock at the lowest prices.

1931 (August) coachbuilt 2-seater, £25 worth of extras, 8,000 miles only, £77 10s.

1931 conchbuilt sunshine saloon, as new, £82 10s.

1927 coachbuilt saloon, repainted, excellent order, taxed, £42 10s.

Generous allowances made for any make of car or motorcycle. Deferred

Maxey Motors, Ltd., 70 High St. Tally Ho! Corner, North Finchley, Open on Sunday mornings. Hillside 3366.

AUSTIN 7 1930 coups sunshine roof, new tyres, new condition throughout, £45. 24 St. Peter's Grove, Hammersmith. Riverside 4652. 29-153

AUSTIN 7. Brooklands Motor Co. offers:—1930 supercharged sports 2-seater, very small mileage; this car is in perfect condition throughout, painted marcon and black, with outside exhaust, a remarkably cheap car, £125, written guarantee; exchanges and private deferred terms. 410-416 Euston Rd., N.W.1. Museum 3145-4.

AUSTIN 7. Mulliner sports coupe, sun roof, 1930-31, 65. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6.

AUSTIN 7, 1931 saloon, small mileage, sun root, black and red, £75.
Denmans, 132-3 Long Acre, W.C. Open week-ends. 29-170

AUSTIN 7, £50. 1928 chummy. Denmans, 132-3 Long Acre. W.C. Open week-ends. Temple Bar 8135-6-7. 29-171

AUSTIN 7, 1931 coachbuilt saloon, sun roof, £75. Denmans, 132 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7. 29-172

AUSTIN 7, 1926 chummy, taxed, good hood, 19 guineas. 352 High Rd., Willesden Green, N.W.10. Willesden 2469. 29-129

AUSTIN 7. £3 deposit, 35 guineas cash. 1929 model, Gordon England Cup, very good condition, taxed; exchanges. Rowland Smith.

USTIN 7. £7 deposit, 69 guineas cash. Late 1931, chummy, very refully used, practically new, year's tax; exchanges. Rowland Smith. Below

7. £4 deposit, 39 gnineas cash. 1929 Wydor fabric saloon, condition; exchanges. Rowland Smith. Below.

AUSTIN 7. £3 deposit, 22 guineas cash. 1926, chummy, very good condition, taxed. List free. Exchanges. All week-days, including Saturdays, 9-9, Sundays 9-1. Rowland Smith, 78-81 High St., Hampstead. Minute Hampstead Tube. 'Phone, Hampstead 6041.6. 29-119

AUSTIN 7s. Earls for bargains.

AUSTIN 7, 1930 Stadium 2-seater sports, chromium plating, £55,

AUSTIN 7, 1929 Stadium 2-scater sports, blue and silver, £45.

AUSTIN 7, 1929 Wydor saloon, black fabric, taxed December, £46.

AUSTIN 7, 1927 G.E. Cup model, new bood, good tyres, taxed, £26. AUSTIN 7s. Earls, 75 Heath St., Hampstead, N.W.3. Open until 1 on Sundays.

AUSTIN 7, 1931 Swallow saloon, small mileage, excellent condition, 1931 Austin 7 chummy, taxed, nice condition, £65. Bruton Garages, Ltd., 4 Blenheim St., New Bond St., W.1. Maylair 4737. 29-512

AUSTIN 7, 1929 4-seater tourer, good condition, £38.

AUSTIN 7, 1928 4-seater tourer, good condition, £32.

AUSTIN 7, 1928 4-seater tourer, good condition, £30. Ruffells Motors, 97 White Hart Lane, Barnes, 8.W.13. Prospect 5549. 29-309

AUSTIN 7, 1929 chummy, excellent condition throughout, tyres good, faxed, £37 10s.; exchanges or deferred. Haskins, 155 Ladbroke Grove, North Kensington, W.10. Park 5541.

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

AUSTIN 7. McCorthys Motors (1925), Ltd., bargains:-

1931 7hp coachbuilt saloon, perfect condition, £75.

1931 7hp sunshine coachbuilt saloon, new condition, £80.

1930 Austin 7 tourer, one owner, very clean, £60.

Part exchange and deferred terms arranged.

Part exchange and deterred terms arranged:

McCarthys Motors (1925), Ltd., 28 Queen's Rd., W.2. Park 7766,

29-299

AUSTIN 7. 26 guineas!! 1927 Austin sports 2-scater, good lighting and starting, nice appearance and condition; exchanges, torms. Comerfords, Portsmouth Rd., Thames Ditton.

AUSTIN. J. K. Greenwood and Co., Ltd., offer:-

239 10s. Austin 7 Brooklands model 2-seater, taxed, black and red, long-tailed body, wire wheels, outside exhaust, I.w.b., Aero sercen, remota gear control, cycle-type wings, etc., very fast and sporty bus, in beautiful condition throughout, written guarantee; exchanges, deferred, 30 and 30a Highgate Rd., N.W.S. Gulliver 2251-2.

AUSTIN 7, 1931 4-scater tourer, sound mechanically, appearance slightly shabby, 57 guineas; exchanges, deferred. Millars, 95b Mitcham Lane, Streatham. Phone 5159. 29-291

AUSTIN 7 tourers and saloons. £30 to £75. Roady to drive away; taxed, insured and guaranteed 3 months; 100 popular makes in stock; from £10 to £65.

Exchanges and simplest bire-purchase; neither references nor securities required; drive away same day.

Example:—Austin 7, taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £3. "Self-unanced" hire-purchase.

Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. 'Phone, P.

AUSTIN 7, 1928 Cup model, excellent condition, brand-new hood, battery, rear tyres and tubes, taxed December, £40. Stratford. City 1208.

AUSTIN 7, £77 10s. 1932 series coachbuilt saloon, 100% condition throughout. Below.

AUSTIN 7, £27 10s. 1927 chummy, fully equipped, excellent condition throughout. Below.

AUSTIN 7, £42 10s. 1928 Cup 2-seater, several extras, bargain; exchanges, terms. Ward and Co., 5 Upper Richmond Rd. E. Putney 2818.

AUSTIN 7, 1929 (July) saloon, one owner, Triplex, magnificent appearance, mechanically perfect, £42 10a.

AUSTIN 7, 1928 conchbuilt saloon, exceptional condition, taxed, insure £35. 39 Lowisbam Hill, S.E.13. Lee Green 1295. 29-173

AUSTIN 7, 1929, chummy, tull equipment, splendid condition, taxed till January, insured, \$42; ferms, exchanges. Central Auto Services, 15-17 Potney Bridge Rd., Wandsworth. Thone, Putney 4466. Open Sundays.

AUSTIN 7. £35 or offer. 1927%, Gordon England sports Z-scater, fully equipped and absolutely aplendind condition; taxed, insured. 93 Beechwood Gardens, liferd. 'Phone, Archway 3289. 29-1759

AUSTIN 7, the smartest cup 1928, Alta head, stoneguard, Brooklands, hub caps, air cowls, dipping headlamps, deep note exhaust, oil gauge, clock, speedometer, chromium plated, black and green, £45; exchangand cash. 51 Bello Bridge Rd., Acton, W.D. 29-j751

AUSTIN 7s. Great saled Steele Griffiths are offering during this week 250 used cars, all with written guarantee, at greatly reduced prices, including several Austin 7s. All showrooms open until 8 p.m. 89 Ct. Portland St., W. Langham 1601 Abbey House, Victoria St. (Iacing Westminster Abbey). Victoria 0467. Court House, Camberwell New Rd., S.E.5. Rodney 2201.

AUSTIN 7, 1927 tourer, all-weather equipped, very nice condition, £22; also 1928 tourer, licensed, £30. Below.

AUSTIN 7, 1929 Stadium sports, 2-seater, exceptional condition throughout, small mileage, licensed December, £52. Below.

AUSTIN 7, 1929 Wydor fabric saloon, well equipped, finished black and red. £44. Below.

AUSTIN 7, 1929 Swallow sports 2-seater, exceptionally attractive and carefully used, licensed 202. Exchanges, terms. Norringtons, 240 Goldhawk Rd., Shepherd's Bush, W.12, Riverside 200. 29-131

AUSTIN 12-6 F. G. Smith (Motors), Ltd. 1931 12-6 conclibuilt salouns, beautiful condition, choice of two, £145. High Rd., Goodmayes. 'Phone, Seven Kings 1000 (7 lines).

AUSTIN 7, 1931 series, black fabric saloon, £55, Easyfit carrier, stop-lamp, other extras in exemplary condition, any trial, after 7 evenings. 9 St. Mary's Rd., Canonbury, N.1.

AUSTIN 7 tourer, 1927, exceptional condition, taxed, insured end of year, £30. Crook, 27 Avenue Rd., Staines. 29-1702

AUSTIN 7 tourer. 1923, excellent condition, £30, taxed September, insured May. Bird, 142 Grange Rd., S.E.1.

AUSTIN 7 chummy, 1927, taxed, overhauled, good tyres, bargain, £23 10s. Davies, Penlec, Uxbridge Common. Uxbridge 770. After 7 p.m. 29-1668

AUSTIN, 1929 Stadium model, rebuilt, costing £40, mechanically as new, superb performance, any inspection, £55. 85 Livingstone Rd., King's Heath, Birmingham.

AUSTIN, 1927 chummy, recellulosed and overhauled, all-weather equipment, £28, exchange motorcycle. Tippett, Arlington Rd., Sarbiton, Elmbridgo 1274.

AUSTIN 7, 1930 opal blue 4-scater chummy, splendid condition, everything sound, 4,800 miles, owner-driver, £55. Davis, 47 Basthot St., Walworth, S.E.17. (Private.)

AUSTIN 7. £48. 1929 (July) Wydor saloon, very clean, taxed year, Below.

1930 (May) Austin 7 coachbuilt saloon, perfect condition out. Below.

£125. 1931 supercharged Austin 7. Ulster model, mileage 3,000, orange and black, one owner, as new; exchanges, deferred terms. Open Sundays. Prince Albert Garage, Staines Rd., Sunbury, Middlesek. Telephone, Sunbury 423.

AUSTINS. F. G. Smith (Motors), Ltd., for Smith-conditioned cars.
Austin 7s: 1931 salcons from £85; 1930 salcons from £70; 1929
salcons from £55; 1927 tourers from £30; 1929 tourers from £50.
High Rd., Goodmayes. 'Phone, Seven Kings 1000 (7 lines).
29:11

AUSTIN 7, 1927 tourer, chromium radiator, good tyres, cellulosed, new hood, carrier, £27 10s. Harvey, 115a Fonthill Rd., Finsbury Park, N.4.

AUSTIN 7 Swallow, 1929, 2-seater, good tyres, taxed, engine excellent, any trial, £55. 16 Hayne Rd., Beckenham. 29-1737

AUSTIN 7, 1928 Cup sports 2-seater, electric clock, large headlamps, chromium-plated, taxed, insured, £32 10s. 221 Maida Vale, W.9.

AUSTIN 7, 1928 Gordon Cup 2-seator, cycle wings, rebored, exceptional car, taxed, insured, £34; also several other Austins, including 1929 saloon, £35; 1928 4-seaters. Bottini, rear of 241 Maida Vale, 29-76

AUSTINS. Lane Motors for Austin 7s.

1931 Hoyle saloon, as new, cost £117 only, 75 guineas,

1930 Stadium sports, black and green, 55 guincas.

1928 2-scater Cup model sports, 42 guiness.

1927 Gordon England saloon, perfect, 23 guineas. 208 West End Lane, Hampstead. Open Sunday mornings. 29-78

AUSTIN, 1930 7bp Mulliner sliding roof saloon, exceptionally good order, £55. Newshams, 237 Hammersmith Rd., W.6. Riv. 4646.

AUSTIN 7, 1931 sunshine saloon, practically new, £75. Below.

AUSTIN 7, 1932 van. specially fitted, cost £130, practically brand now, £95. Lionel H. Pugh, 56 South Molton St., W.1. Maylair 4433. 29-57

AUSTIN 7, 1930 Wydor saloon, taxed, one owner, very carefully maintained, £60. Paul and Co., 51 The Mall, W.5. Ealing 4633, 29-64

AUSTIN 7, £30, 1928 Cup model, exceptionally good; choice of another; exchanges, terms. Maynards, 241a High Rd., Wood Green.

AUSTIN, 1930 special Ulster T.T. replica, 75 m.p.h., sports 2-seater, 79 guineas. Bartlett, 27a Pembridge Villas, Notting Hill Gate. 29-47

AUSTIN 7, 1931 Swallow coachbuilt saloon, two-colour finish, chromilm plating, bumpers, positively as broad new, £105; exchanges deferred payments. W. E. Humphreys, Ltd., 122 Hampstead Rd., N.W.1. Phone, Museum 9515-6.

AUSTIN 7 G.E. Cup model, Triplex acreen, twin wipers, pneumatic upholstery, hosts of extras, £38.

AUSTIN 7, 1930 2-seater sports, ecachbuilt, £58.

AUSTIN 7, 1929 Wydor salogn, Triplex all round, £55. Rhinds, Ltd., 258 Deansgate, Manchester.

AUSTIN 7. Naylor and Root offer :-

1931 Austin 7 Ulster sports 2-seater, tuned engine, £115.

1929 Austin 7 tourer, choice of three, excellent condition, £45.

1929 Austin 7 Stadium 2-seater, many extras, taxed, £45.

1931 Austin 7 coachbuilt saloon, small mileage, £75.

1930 Austin 7 coachbuilt saloon, choice of two, £62.

1928 Austin 7 Swallow 2-seater, reconditioned, taxed, £45.

1928 Austin 7 tourer, very clean and taxed, £36.

1928 Austin 7 Cup, 1930 improvements, fast, £42.

1927 Austin 7 chummy, carofully used, taxed, £32.

Naylor and Root, 25 East Hill, Clapham Junction, S.W.11. Phone, Battermea 6187-9. Open 9 a.m. to 8 p.m. (including Wednesday). Sunday mornings 10 a.m. to 1 p.m.

AUSTIN 7. Cass's Motor Mart, Ltd. (established 1911). 1932 de luxe coachbuilt saloon, sunshine roof, blue, mileage 3,000, £100.

AUSTIN 7, 1931 de luxe sunshine saloon, blue and black, small mileage. £80; written guarantees, demonstrations free within 50 miles;
exchanges, extended payments. Cass's, 5 Warren St. W.1. Museum
0623.

AUSTIN, 1930 Wydor saloon, year's tax, small mileage, as new throughout, £60. Below.

AUSTIN, 1929 Swallow saloon, red and black, bumpers, lavishly equipped, immaculate condition, £65; exchanges, deferred. Broadway Motors, 65 High St., Hounslow. 'Phone 0175.

AUSTIN 7, with sunshine root, £38 10s. iii Late 1929 Wyder salcon, taxed, insured, and in exceptionally attractive condition, a genuine bargain; terms, exchanges. 368 Hornsey Rd., N.19. Archway 3294.

AUSTIN 7. Broadway Motors offer 1931 Swallow salcon, bumpers, hardly used, 100 guineas; choice of 6 from £65.

1929 Austin 7 Swallow saloon, excellent condition, £62; choice of 2.
1930 Austin 7 K.O. special sports 2-seater, Alta head, Solex carburetter, very fast, £82 10s. Many others from £25.

1931 Austin 7 coachbuilt saloon, indistinguishable from new, taxed year, £77 10s.; choice of 8 from £35; motorcycles in part. 18 and 19 Weedstock St., Oxford St., W.1. Maylair £89.

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

AUSTIN 7s. Sale, August 21-31. End-of-season reductions; 120 cars to clear, including 30 Austins. List free. Smith and Hunter. Below. 1932 Sun saloon de luxe, grey-black, leather upholstery, used fow de-monstrations, full guarantee, £105. Below.

1932 Saloon de luxe, blue, long chassis, mileage very small, indistinguishable from new, taxed year, fully insured December, £98. Below. 1931 4-seater, opal blue, very sound mechanically, attractive throughout, taxed, £66. Helow.

1931 Coachbuilt sunshine saloon, blue, leather upholstery, carefully used, one owner, £73. Below.

1930 Saloon de luxe, reg. GC411, Triplex, leather upholstery, beautifully kept, guaranteed, £57. Below.

1929 Wide-door saloon, blue, red leatherette upholstery, good tyres, taxed year, £47; another, taxed September, £45. Below.

1929 4-seater, dark blue, good tyres, step mats, dash lamp, A lot, taxed year, £45. Helow,

1928 4-seater, brown, new Christmas, 1927, serviceable tyres, good mechanically, insured,  $\pm 22$ . Below.

1927 (June) coachbuilt saloon, blue, leather upholstery, very attractive order, £30. Below.

Smith and Hunter, 14d., 407 Edgware Ed. Ambassador 1011. Evenings 7, Saturday 6, Sunday 10-1. 29-233

AUSTIN 7, 1928 saloon, brown, £35. Sydney Hall, Catherine St. Albans. Telephone 636.

AUSTIN 7 saloon, 1930, coachbuilt, tax paid, £60. Choice of six others from £38. Exchanges, terms. Whitby's, 7 The Vale, Acton, W.3. 'Phone, Shepherd's Bush 1513.

AUSTIN. Palmers of Twickenham. 1926 saloon, bumpers, etc., £22; 1926 chummy, insured, £22; 1928 saloon, coachbuilt. £32; 1930 Austin Avon sports, £55. Many others in stock; exchanges or deferred. Palmers, 53 York St., Twickenham. Phone 1454.

AUSTIN 7, 1927 tourer, perfect order, taxed, £28. Below.

AUSTIN 7 tourer, good order, taxed, £17. Below.

AUSTIN 7, 1926 G.E. Cup, excellent order, taxed, £23; low deposits, exchanges. Page, 199b Upper Richmond Rd. Putney 7671, 29-270

AUSTIN, 1930, 7hp sunshine saloon, fullest equipment, well kept in every respect, good tyres, tax paid, leather upholstery, astounding value (Paddington), £59 10s. Kirk. Below.

1930 Arrow sports 2-seater, full equipment, pneumatic leather up-holstery, attractive cream and black body, all chromium, numerous extras, magnificent sports car (Highbury), £62. Kirk. Below.

AUSTIN, 1929, 7hp Mulliner saloon, nicely fitted interior, good condition and appearance, genuine bargain, £45 10s. (Paddington). Kirk. Below.

1930 7hp Taylor Ace sports 2-scater, completely equipped, attractive sports body, cycle-type wings. V screens, etc., very smart appearance don't miss this sast end attractive little bus, tax paid (Paddington), £65. Three-Month-Written-Guarantee. Exchanges, terms. 100 other cars. Kirk and Co., 22, 49 Praed St., W.2 (Paddington 6049), and 28, 30, 32 Highbury Corner, N.5 (North 4784).

AUSTIN 7. Cup model, late 1927, in very good condition throughout, excellent tyres, many extras, marcon fabric, a very attractive little car, £37 10s. Camden Motors, Buck St., behind Camden Town Underground.

AUSTIN 7, 1928, coachbuilt saloon, finished marcon cellulose, ex-cellent condition, £38; best possible deferred terms. The Service Co., 273 High Holborn Holborn 0666.

AUSTIN 7, brand-new shop-soiled unregistered Swallow coachbuilt raloon, black and cream, sunshine roof, list price £170, our price £135. Rose and Young, 97 Streatham Hill, S.W.2. Telephone, Streatham 9520.

AUSTIN 7 1928 fabric saloon, nice condition, mechanically excellent, £35; Austin 7 1928 chummies, several good cars, from £35. Frentzels, 319 Edgware Rd. 'Phone, Padd 5129.

BERLIET. F.O.C.H., Ltd. 1927 (late) 9.5hp 4-door coachbuilt salcon, 4-speed, f.w.b., wire wheels, starter, good tyres, remarkable performance, very economical family salcon, taxed, 25 goineas. 3-5 Heath St., N.W.3. Hampstead 2215-6. Open Sunday mornings. 29-216

B.S.A. Hackford Motors, the B.S.A. 3-wheeler specialists. Eighteen months to pay, good prices in part exchange; trade supplied. Write for catalogue. Below.

Hackford chromium luggago carrier, sports 32s. 6d.; de luxe and family, 29s. 6d. Helow.

Hackford's for guaranteed second-hand 3-wheelers from £65. Inspection invited at our showrooms.

Hackford Motors, Ltd., 183 Acre Lane, Brixton. 'Phone 3062, 222-85 B.S.A. Harry Nash, B.S.A. specialist !! 1

1931 (September) B.S.A. Standard 3-wheeler, mileage 6,000, taxed, one owner, exceptional condition, £67 10s.

1932 (August) Family model, taxed year, insured, mileage 300, indistinguishable new, hardly used, £92 10a.

Full range 1932 3-wheelers; instant delivery.

Full range 1932 3-wheelers; instant delivery.

Also 1933 range 3 and 4-wheelers, including the 3-wheel 4-cylinder at £125; the new 4-wheel 1.w.d. 9hp 4-cylinder open sports. £160; and Peerless coupe at £210; instant delivery. Your inquiries welcomedit low deposits; easiest terms; most liberal allowances. 348 King 8t.. 29-213

B.S.A. special sports 5-wheeler, 2 carburetters, cut-away sides to body, special exhapst, year's tax, superb condition, termically last, 2702 another, 1951 sports, taxed, 255; exchanges, deferred. Broadway Motors, 65 High St., Hounslow. 'Phone 0175.

B.S.A., 1931, de luxe, safety glass, taxed, perfect condiition throughout, £62. Hobson, 11 Gioucester Rd., £.11.

# LIGHT CARS AND CYCLECARS FOR SALE (continued).

B.S.A. Rennos. 1931 10-21 2-seater sports 3-wheeler, starter, dynamo, V screen, speedo. wiper, spare wheel, electric horn, pneumatic upholetery, as new, 69 guineas, £12 down, £3 8s. 7d. monthly. 252-3-4 Upper St., Islington. Near Tubes. 'Phone, North 4467-8.

B.S.A. 3-wheeler special 2-scater sports, bargain, £68. Rhinds, Ltd., 258 Deansgate, Manchester. 29-29

B.S.A., 1932. 3-wheeler special sports, almost as new, attractively finished dual colour, licensed £89; exchanges, terms. 245 Goldhawk Rd., Shepherd's Bush, W.12. Riverside 2565. 29-132

B.S.A., 1931, de luxe, excellent condition, taxed, 64 guineas, Lacey, 21 Gregory Avenue, Notsingham. 29-j749

B.S.A., £6 deposit. 65 guineas cash, 1932 model sports 3-wheeler, enc owner, very good condition. List free, Exchanges, All week-days, including Saturdays, 9-9. Sundays, 9-1. Kowland Smith, 78-81 High St., Hampstead. Minute Hampstead Tube. 'Phone, Hampstead Co41-6.

B.S.A. 260. 1930 sports, specially fitted 31 type hody, black and cream, dampers, special bood, 9,000 miles. "Runswick," St. James Rd., Sutton.
29:j704

B.S.A., 1931 sports, small mileage, new tyres, taxed year, as brand new, £75. A.Z. Motors, 180 West End Lane. Hampstead 0525.

B.S.A. Naylor and Root, Ltd.

1931 Family, small mileage, beautiful condition, £72.

1931 De Luxe, black and red, good tyres, chromium, £65.

1931 Special sports, chromium lamps, Blue Star engine, £73. 1932 Family, black and red, absolutely as brand new, £83.

1932 Sports, chromium lamps, mileage 2,000, taxed December, £85.

Three months' written guarantee. Highest exchange allowances; deferred terms over 12 or 18 months.

Detailed specification on request or our outside representative will bring a model for your examination and trial without obligation.

Naylor and Root, Ltd., 248-250 Lavender Hill, Clapham Junction, 8.W.11. 'Phone, Batterses 6187-9. Open 9 a.m. to 8 p.m. (Wednesday 1 p.m.). Sundays 10 a.m. to 1 p.m. 29-164

B.S.A., 1931 (April) 3-wheeler sports, black-red, Triplex screen, superbly kepl, taxed, bargain, £70. Smith, 407 Edgware Rd. 29-234

BUCATTI. J. K. Greenwood and Co., Ltd., offer:-

£32 10s. Bugatti, 11.9hp modified Brescia super-sport 2-scaler, finished black and cream, streamlined tail body, folding-down screen, wire wheels, detachable hood, 4 speeds, late-type radiator, good syres, spring steering wheel, 85 m.p.h. speedometer, really fast job, capable nearly 75 m.p.h. excellent appearance and 100% (ngine: written guarantee; exchanges, deferred. 30 and 30a Highgate Rd., N.W.5. Gulliver 2251-2. 29-251

CITROEN, £20, 1927, 12-24hp, 4-door coachbuilt saloon, new tyres, f.w.b., 8 lamps, taxed, splendid condition; exchanges, delerred. 86 Acre Lane, Brixton. 'Phone 3401. 29-j755

CITROEN, 59 guineas. 1931 12.8hp drop-head coupe, finished red and black, perfect. Short and Glass, Ltd., 52, 54 and 56 Fitzroy St., London, W.1. Open Saturdays 9-6. Museum 8176, 8177. 29-193

CITROEN 7, cloverleat, taxed, insured year, perfect, £20. 80 High St., Hampton, Middlesex 29-1722

CLYNO tourer. June, 1926, two owners only, new hood and side screens, in perfect mechanical condition, £12. North 1484. 29-j797

CLYNO. F.O.C.H., Ltd. 1927 10hp 4-door cancebuilt saloun, brown, I.w.b., Inggare grid, exceptionally good condition, 16 guineas. 5-5 Heath St., N.W.S. Hampstead 2215-6. Open Sunday mornings. 29-217

CLYNUS, tourers and saloons, £10 to £50, ready to drive away; taxed, insured and guaranteed three months. 100 popular makes in stock, from £10 to £60.

Exchanges and simplest hire-purchase. Neither references nor accurities required; drive away same cay.

Example:—Clyno, taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £3. Self-financed " hiro-purchase.

Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. Phone, Prospect 25:322.

CLYNO. 1929. 9hp 4-scater, four new tyres, one owner, any trial, £16 10s. 221 Maida Vale, W.9.

CLYNO, 1928, 11bp royal saloon, perfect condition throughout, clearance price £50. Paul and Co., 51 The Mail, W.5. Ealing 4055.

COOPER Special, redesigned and specially built in 1931, 1,100 c.c. supercharged 4-cylinder engine, 4-speed close-ratio gestbox, inter-connected f.w.b., wonderful acceleration, genuine 90 m.p.h. car, complete cylinder, 285. Bartiett, 27a Pembridge Villas, Notting Hill Gate.

DE DION BOUTON. F.O.C.H., Ltd. 1925 (October) 9.5hp drop-head coupe, double dickey, I.w.b., Magna-typo wire wheels, remarkably fine car in excellent candition throughout, 14 guineas, N.W.3. Hampstead 2215-6. Open Sunday mornings.

FIAT, 1927, 8hp 2-seater, excellent order, taxed to December, £34; low deposits, exchanges. Page, 199b Upper Richmond Rd. Putney 7671.

FIAT 10.8, 1928 tourer, all-weather equipped, exceptionally good mechanically and well kept, £34; exchanges, terms. Norringtons, 245 Goldhawk Rd., Shepherd's Bush, W.12. Riverside 2365. 29-133

FIAT Nine, 1930 model Swallow saloon, exceptionally nice order throughout, 288. W. T. Dunn, Ltd., 307 Euston Rd., N.W.1. Museum 5391. Exchanges, deferred terms.

FIAT, 10-15hp tourer, 1925-6, f.w.b., excellent tyres, wonderful condition throughout, taxed, bargain, £18. 24 St. Peter's Grove, Hammersmith. Riverside 4652.

# LIGHT CARS SECOND-HAND OUT OF THE PROPERTY OF

FIATS, under £100. See page 24.

29-977

FIAT 12, 1928 touring car, fine order, £50. Denmans, 132-3 Long Acro, W.C. Open week ends. Temple Bar 3135-6-7. 29-173

FIAT 12, 1931 2-scater Roadster, fine order, £110. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7. 29-174

FIAT, 8hp. 2-scater, 1928, one owner, just overhauled and repainted, £29. 181 The Grove, Goldhawk Rd. Shepherds' Bush 2230, 29-325

FIAT 8hp, 1929 4-scater tourer, marcon, rebored, new pistons, leather upholstery, exceptional condition, £37 10s. Harry Nash, 548 King St., Hammersmith. 29-212

FRAZER-NASH, 75 m.h. super-sports, special 3-scater skill body, mahogany decked, ribbed f.w.b., wide track, rear petrol tank, numerous extres, overhauled, £65. Cummings, 5 Putney Bridge Rd., S.W.18. Putney 2728.

FRAZER-NASH cars offer for sale these reconditioned cars:—1931 Falcon o.h.v. 4-seater, 1950 Boulogne o.h.v. 5-4-seater, 4 speeds; 1927 super sports, lowered chassis, 4 speeds, 5-seater, Full particulars on application, Falcon Works, London Rd., Isleworth. Hounslow 3171-2 222-224

ZZZ-224

CWYNNE 8 chummy, laxed and insured, drive away, £6. Snow, 42a

Wilton Rd., Dalston, E.8.

CWYNNE 8. £8 10s. 1925 2-sealer, genuine 60 m.p.h. car, mechanically perfect. 94 Chase Side, Southgate, N.14. 29-j715

HUMBERS, under £100. See page 24.

HUMBER. Savaral of these choice care in stock. Value unheatable, performence unsurpassed. Send for list or see displayed advertisement in this issue. Naylor and Root, 25 East Hill, Clapham Junction. S.W.11.

HUMBER, £20111 1925 coachbuilt saloon, blue, 11bp. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7. 29:175

HUMBER 9. Cookes Motors offer: 1927 coachbuilt saloon, a perfect motorcar in every way, nearly new tyres all round, taxed, real bargain at £59; terms and exchanges, \$66 lligh St., Sutton. Open Sundays 'Phone 4660.

JOWETT. Manchester. 1929, 1930, 1931 saloons and tourers always in stock. Distributors for Lancashire, Cheshire and North Wales. Saxo-Jefferis, Ltd., Deansgate. Bls. 1122-3

**JOWETT** tourers and saloons £20 to £25. Ready to drive away; taxed, insured and guaranteed three months. 100 popular makes in stock, from £10 to £65.

Exchanges and simplest bire-purchase. Neither references nor securities required. Drive away same day.

Example:—Jowett, taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £5. "Self-financed" hire-purchase. Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. 'Phone, Prospect.

JOWETT, 1925, 7hp 2-seater, taxed, £16; exchanges. Page, 199b Upper Richmond Rd. Putney 7671.

JOWETT saloon, 1926, nice condition, £28; also long chassis 4-seater, £18. Baddeley, 56 Chiton St., E.C.2. Bishopagate 4954. 29-[804

JOWETT, 1931 concibuilt saloon, long chassis, taxed December, beautiful condition, £100; exchanges, deferred. Allery and Bernard, 344 King's Rd., Chelsea. Flaxman 4633.

JOWETTS, used models on offer, cheap, at Sibson's Garage, Jowett agents, Leicester.

JOWETTS, under £100. Scc page 24. 29-97

JOWETT, 1926 long 4-seater, marcon, starter, all-weather equipment, rear screen, sound, taxed, £12; appointment. 42 Court Farm Avenue. Ewell.

JOWETT, 1928 (August) long 4-scator, Insured, taxed, unused for 2 years, free wheel, excellent condition, bargain, £32 10s.; after 5.30 p.m. Lovett, 34 Parkside Drive, Watford By-pass, Edgware. 29-1729

JOWETT, 1927 long 2-seater, excellent all-round condition, many extras, taxed, £31, 14 Firmin Rd., Dartford, Kent. 29-j734

JOWETT. £18!1 1926-7 2-scater and dickey, taxed year, new tyres, thoroughly overhauled, any trial 11 Litchfield Ave., Morden. 29-j714

JOWETT. F. G. Smith (Motors), Ltd., 1931 Jowett long-chassis coachbuilt saloon, in really as new condition, £105; extended nayments; 2928 tourer, taxed, £30. High Rd., Goodmayes. 'Phone, Seven Kings 1000 (7 lines).

JOWETT, late 1929 7hp long-chassis 4-scater, f.w.b., Ewart disc wheels, taxed, perfect, £33; exchanges, terms. Yarwoods, Stoneley South, High Rd., Tottenham. 'Phone 5122.

JOWETT, 1931 salcon, £95; 1928 coachbuilt salcon, £48; details on request; see displayed advert in this issue. Naylor and Root, 25 East Hill, Clapham Junction, 8.W.11.

JOWETT, 1930. Black Prince saloon, finished black and cream, exceptionally fine condition throughout, one owner since new, £78; best possible deferred terms. The Service Co., 275 High Holborn. Helborn C666.

JOWETT, 1924 long 4-seater, blue, starter, good tyres and all-weather equipment, sound, taxed, £15. Smith, 407 Edgware Rd. 29-235

JOWETT, 1929, long chassis de luxe 4-door saloon, in exceptionally smart and sound condition throughout, open to any examination, £52 10s., or exchange. 3 339a Goldhawk Rd., Hammersmith, W.6. Riverside 5115, 29-226

JOWETT. F.O.C.H., LTD., Established 20 years. Jowett distributors and second-hand specialists. Send for free list. Below.

F.O.C.H. 1931 7hp long-chassis 4-door fabric saloon de luxe, black and green, wire wheels, moquette, one owner, small mileage, practically brand-new condition, 95 guineas Bolow.

F.O.C.H. 1929 (August) 7hp long-chassis coachbuilt 4-door saloon de luxo, blue, f.w.b., enclosed luggage containor, opening windscreen, Bosch horn, fully equipped, magnificent condition, taxed, 62 guineas. Below.

F.O.C.H. 1925 7hp long-chassis 4-seater, grey and black, leather upholstery, new hood, very carefully used, absolutely 1932 condition, year star, 24 guineas; exchanges, deferred. 3-5 Heath St., N.W.3. Hamp-stead 2215-6. Open Sunday mornings.

LEA-FRANCIS, £35. 1929 12-40, 2-scater and dickey, marcon finish, unscratched condition; exchanges, terms. Maynards, 241a High Rd., 29-44 Wood Green.

LEA.FRANCIS, 1929 12.40hp, fitted with 12.50 4-scater sports, taxed, exceptionally fast, £85. Below.

12-22hp 1927 4-seater, recellulosed, genuinely good condition throughout, £32 10s. Paul and Co., 51 The Mall, W.5. Ealing 4633.

LEA-FRANCISES, under £100. See page 24. 29-980 LEA-FRANCIS tourer, £25, in good running order, taxed. 133 Dashwood Avenue, High Wycombe, Bucks. 4 29-j744

LEA-FRANCIS. £62 10s. 1928 12-40 supercharged tourer, most attractive and fast; exchanges, terms. Below.

LEA-FRANCIS. £67 10s. 1928 12-40 sports saloon, wire wheels, very fast, excellent condition throughout; exchanges, terms. Ward and Co., 5 Upper Richmond Rd. E. Putney 2818. 29-104

LEA-FRANCIS, 1927 drop-head coupe, 12hp, £40. Denmans, 132-3 Loug Aire, W.C. Open week-ends. Temple Har 8135-6-7. 29-176

LEA-FRANCIS, £60, 1928 touring car, 12bp, low-built body, good order. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7.

MARENDAZ, 1932 2-litre International sports, like new, 2-4-scater, owner ordered abroad, cost £425, accent £275. Denmans, 132-3 Long Acre, W.C. Open week-ends. Temple Bar 8135.

M.C. Midget, 1931, beautiful condition, polished disc wheels, black body, luggage rail, tyres nearly new, £110. Write, or call after 8 p.m., Conner, "Oakwinn," North Circular Rd., Palmers Green, N.13.

M.C., 1932 (June) Monthery Midget, registered mileage 1,900, positively as new, attractively unished blue, licensed December, 2198; exchanges, terms. Norringtons, 245 Goldhawk Rd., Shepherd: Buch, W.12. Riverside 2365.

M.C. Midget, 1930 sunshine coupe, blg sump, black and green, spotless condition, £100; exchanges, deferred. Allery and Bernard, 344 King Rd., Chelsea. Flaxman 4633.

M.G.s., under £100. See page 24.

M.C., 1930 saloon, £115. G.L.M. Motors, 18 Worple Rd., Wimbledon, Telephone 6025.

M.C., 1930 2-scater, perfect condition, tax, insured year, 285, inst. Apply, 16 Balmes Rd., Southgate Rd., N.1. 29-j648

M.C. Midget. Stuarts. 1932 special sports folding-head coupe, brand new, makers' guarantee, list £265, £195. 29 Vauxball Bridge Rd., 8.W.1. Victoria 1859.

M.G. Midget, 1930 model, in splendid order, 4 new tyres, £75; exchange considered. Pim, Park 0210.

M.C. Midget, 1931 Jarvis 2-4-scater, black-green, new condition, £1 Peaston, 68 Courtland Drivo, Ewell. 29-j7

M.C. Midgets with a giant performance. Choice of six. Send for list or see displayed advertisement in this issue. Naylor and Root. Ltd., 25 East Hill, Clapham Junction, S.W.11.

M.C. Midget, 1931, like new, black and red, small mileage, £105. Denmans, 132-3 Long Acre, W.C. Open week-ends. 29-179

M.C., 1932 Magna, mileago 3,000, as brand new, £185.

M.C., 1931 750 c.c. special competition Monthbery 2-scater, cheapest over offered, £185.

M.G., 1931 specially tuned 4-speed Midget, year's tax, four brand-new tyres, £115. Open Sunday morning. Exchanges, deferred. Bartlett, 27a Pombridgo Villas, Notting Hill Gate. 29-49

M.C., new and unregistered Midget 2-seater, coachbuilt, spare wheel at rear, mudshields, full guarantee, list price 2100, special clearance offer, 2167 10s. Paul and Co., 51 The Mall, W.5. Ealing 4635. 29-66

M.G. Midget, 1931 black fabric, spotlight, Triplex, hood, screens, one owner, 89 guineas; terms, exchanges. Crossland, London Rd., Bromley, Kent.

M.C. Midget 2-seater, 1932, very small mileage, many extras, practically brand new, bargain, £125. Lionel II, Pugh, 56 South Molton St., W.1. Maylair 4433.

M.C. Cass's Motor Mart, Ltd. (Established 1911). 1932 Midget coach-built 2-scater, mileage 4,000, black and red, £149; written guarantee, demonstrations free within 50 miles; exchanges, extended payments. Cass's, 114 Tottenham Court Rd., W.1. Mussum 4110.

M.C. Midget, £9 deposit, 92 guineas cash. Late 1931 super sports 2-seater, red, one owner, exceptional condition, taxed; exchanges. Rowland Smith. Below.

M.C. Midget, 27 deposit, 72 guiness cash. 1930 super sports 2-scater, red, practically unworn tyres very good condition. List free. Exchanges, All week-days, including Saturlays, 9-9: Sundays, 9-1. Rewland Smith, 78-81 High St., Hampstead. Minute Hampstead Tube. Thono, Hampstead 6041-6.

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

M.G. Jarvis of Wimbledon for second-hand M.G. bargains.

1932 aupercharged Midget, low chassis, Jarvis 2-seater, British racing green, 4-speed gearbox, mileage 5,000 taxed year, £199.

1932 Midget, low chassis, occasional 4-seater standard tourer, demonstration model, small mileage, black and green, taxed year, £165.

1932 M.G. Midget, panelled 2-seater, brand new, slightly shop-soiled, list price £185, accept £155 with maker's full guarantee. Jarvis and Sons, Ltd., Victoria Crescent, Wimbledon. 'Phone 2526. 29-38

M.G. Sprosen, Ltd. (Norman Black). Eighty sports cars, fully guaranteed; deferred payments, repurchase.

M.G., 1932 type Montblery Midget, almost unused, one owner, many extras, £190. 109 Gt. Portland St., London. Langham 1212. 29-36

M.C. Sprosen, Ltd. (Norman Black). 1932 Midget low chassis, D-type occasional 4-seater sports, one owner, very small mileage, £165.

M.G., 1932 Midget 2-seater, black and red, one owner, £135.

M.C., 1931 Midget 2-scater, choice of 5, all in excellent condition, from

M.G., 1931 Midget coachbuilt coupe, sunshine roof, £145; others, £115, £110.

M.C., 1930 Midget 2-seater, choice of 6, carefully used, small milenze, from £85, 109 Gt, Portland St., London, Langham 1212. 29-37

M.C. Midget, 1931 2-senter sports, exceptional condition, £105. Rhinds, Ltd., 258 Doansgate, Manchester. 29-30

M.C. Midget, 1930, finished red, chromium plating, really fast, exceptionally fine condition throughout, £80; exchanges, delerred payments. W. E. Humphreys, Ltd., 122 Hampstead Rd., N.W.1. Phone, Museum 9515-6.

M.G., 1932 Midget sports 2-seater, coachbuilt, 4,000 miles, shop-soiled condition, taxed year, insurance included, £140. Below.

1930 (August) Midget 2-seater, large sump, red, Al lot, selling for private owner, taxed year, £80. Smith and Hunter, 407 Edgware Rd. Ambassador 1011.

M.C. Midget. F.O.C.H., Ltd., 1931 Shp super sports 2-seater, black and red, cycle type wings, exceptionally fine condition, 95 guineas, 3-5 Heath St., N.W.3. Hampstead 2215-6. Open Sunday mornings, 29-220

M.C. Midget. Snip!!! 1932 fabric 2-seater sports, black and red, brand new, unregistered, list price £165, to clear, £147 10a. Harry Nash, 348 King St., Hammersmith.

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. Homac's. 243 end 247 Lower Clapton Rd., E.S. Phone, Clissold 9616-9617.

MORGAN. Maskell for Morgans. Sole London agents south of the Thames. Spares and overhands New and second-hand Morgans always in stock. 6 Station Rd., Camberwell, S.E.S. Brixton 5725. zzz-12

MORGAN, 1927 9.86 w.c. J.A.P., 2-seater, 20 guiness, lavourable hir purchase terms. Lambs, Ltd., 245 High Rd., Illord. 29-99

MORGAN Anzani, o.b.v. Grand Prix, w.-c., electric lighting, dynamo, splendid powerful englne, excellent hood, bumper, many extras, sound bargain, £14. Letters, Rolando, Hippodrome, Golders Green. 29-j701

MORCAN. F. G. Smith (Motors), Ltd. 1926 Aero. water-cooled Acrani engine. 2-seater Grand Prix, £25. High Rd., Goodmayes. 'Phone, Sevon Kings 1000 (7 lines).

MORGAN, 1929 Aero, 10:40 o.h.v. racing J.A.P., geared, f.w.b., extras, 50 guincas. A.Z. Motors, 180 West End Lane, Hampstead. 0523.

MORGAN, 1930 Acro. o.b.v., geared steering, ontside gear I finished cream and red, lovely job, £57 10s. Rhinds, Ltd., 258 D finished cream and regate, Manchester.

MORGAN, 1932 super-sports, only done 2,000 miles, still within makers' guarantee, £100: favourable hire purchase and exchanges. Lambs, Ltd. 245 High Rd., Ilford. 29-994

MORGAN, standard model, taxed, insured, serviceable machine, 13 guineas. Tibbott, Gardden House, Ruabon, Wrexham. 29-j754

MORGAN, 1928 Acro o.h.v. Anzani, f.w.b., geared steering, dynamo, £40. Below.

1924 Morgan Grand Prix, w.c. J.A.P., dynamo, £17. Below.

1924 Morgan Grand Prix special, taxed year, £8. Below.

1927 Morgan De Luxe, Aero chassis, starter, f.w.b., w.-c. J.A.P., £24. Below.

1924 Morgan De Luxe, o.h.v., w.-c., magneto, excellent condition, taxed, insured, £17. Below.

1923 Morgan De Luxe, w.c. JAP., £9; low deposits, exchanges, Page, 199h Upper Richmond Rd. Putney 7671.

MORCANS, F. H. Douglass, St. Mary's Square, Ealing, W.5. always has a good selection in stock, spares and repairs. Telephone, 6470 Ealing.

MORGAN, 1930 9.86 w.c. J.A.P. family, starter, very nice condition, £39 10a.; favourable hire-purchase terms. Lambs, Ltd., 245 High Rd., Itford.

MORGAN, 1929 2-scater touring, taxed insured, splendid condition, £25, 54 Britannia Rd., Fulham. 'Phone, Fulham 2024. 29:335

MORCAN, 1929 (July), Aero, s.v. J.A.P., t.w.b., geared steering, safety glass acroens, foot throttle, etc., excellent tyres, car unused since complete repaint (red), open any examination, £48 10s., consider near cash offer. Wilson, 34 Bridge St., Walton-on-Thames. Phone 1132 before 10 or after 6.30.

MORCAN, Family model, £20, good condition, J.A.P. engine, w.-c., e.l., mechanically perfect, suip. Morgan, 25 North Rd., Wimbledon. 29-1742

MORGAN. Naylor and Root, Ltd., offer:-

115 guineas. 1932 super-sports, three-speed. 86 guineas. 1931 super-sports, duo green.

59 guineas. 1930 Acro, s.v., M chassis, starter, etc. 50 guineas. 1929 Aero, o.h.v. J.A.P., many extras, toxed.

47 guineas. 1929 Aero, o.h.v. Anzani, f.w.b., speedometer, bood, etc.

38 guineas. 1928 Aero, s.v. J.A.P., i.w.b., geared steering.

30 guineas. 1927 Aero, o.h.v. Anzani, f.w.b., dynamo, hood, etc.

25 guineas. 1926 Aero, s.v. J.A.P., f.w.b., speedometer, hood, taxed. 12 guineas. 1924 Grand Prix, s.v. J.A.P., dynamo, hood, smart.

22 guineas. 1927 de duxe, s.v. J.A.P., f.w.b., speedometer, etc.

48 guineas. 1930 Family, s.v. J.A.P., starter, 6,000 miles.

45 guineas. 1929 Family, w.c. J.A.P., starter, extras, smart. 25 guineas. 1927 Family, M.A.G. dynamo, side screen, bargain,

16 guineas. 1926 Family, s.v. J.A.P., dynamo, speedometer, etc.

Detailed specification gladly sent on request. Generous exchange allowances; deferred terms over 12 or 18 months.

If desired, and without any obligation, we will send our outside representative with any of the above to give you a trial. If satisfactory, deal can be completed on the spot.

Naylor and Root, Lid., Morgan specialists, 248-250 Larender Hill, Clapham Junction, S.W.11. Phone, Battersea 6187-9. Open 9 a.m. to 8 (Wednesday 1 p.m.); Sundays, 10 a.m. to 1 p.m. 29-165

MORGANS. Homacs have for disposal the following guaranteed Morgans:-

1931 Super-sports 10-45 o.b.v. J.A.P., M. chassis, i.w.b., Vee screens, hood, speedometer, etc., taxed, £85.

1928 Super-aports 10-45 o.h.v. J.A.P., fully equipped, excellent order, £59 10a.

1927 Family 8hp w.c. J.A.P., dynamo, f.w.b., side screens, good tyres, excellent order, £37 10s.

1927 Family 8hp J.A.P., dynamo, side screens, excellent order throughout, £32 10s.

1926 Standard model Shp J.A.P., dynamo lighting, good serviceable machine, £12 10s.

Exchanges or deferred.

Homacs, official Morgan service depot, 243 and 247 Lower Clapton Rd., E.5. 'Phone, Classold 9616-9617. 29-72

MORGAN, 19321/2 sports family, shop-soiled, guaranteed, £100. Alex Thom, Motors, Cardiff. 31-j615

MORGAN, 28 or offer, 1925 Family, slight repairs necessary, taxed, insured. Sloman, "Hillside," Balcombe, Sussex. 29-j740

MORGAN, Aero, 10-40hp o.b.v. J.A.P., 1928, i.w.b., overbauled, new tyres, taxed and insured, bargain, 35 guineas. Mills, 21 Ludwick Way. 29-1739 tyres, taxed and the Welwyn Garden City.

MORCAN. 26 deposit, 59 guincas cash. 1929 (reg. 1931), super sports, racing o.b.v. J.A.P., black and red, cycle-type wings, straight-through exhausts, bood, reduced steering, exceptional condition, taxed; exchanges. Rowland Smith. Eclow

MORGAN. £5 deposit, 55 guiness cash. Late 1930, Aero, racing a.h.v. J.A.P. M chassis, straight-through exhausts, foot accelerator, reduced steering, hood, exceptional condition; exchanges. Rowland Smith. Below.

MORGAN. £3 deposit, 35 guiness cash. Late 1928, Family, & w.-c. J.A.P., I.w.b., reduced steering, carefully used, exceptional contion, taxed; exchanges. Rowland Smith. Below.

MORGAN. £3 deposit, 32 guincas cash. 1927, Aero, 8hp J.A.P., electric starter, f.w.b., straight-through exhausts, hood, very good condition, taxed, insured to April, 1935; exchanges. Rowland Smith. Below.

MORGAN. £3 deposit, 32 guineas cash. 1926, Aero, racing o.h.w. Blackburne, I.w.b., straight-through exhausts, reduced steering, exceptional condition. List free. Exchanges. All week-days, including Saturdays, 9-9, Sundays 9-1. Rowland Smith, 78-81 High St., Hampstead. Mingle Hampstead Tube. 'Phone, Hampstead 6041-6. 29-120

MORGAN, Aero, 1929, o.b.v. 10.40 J.A.P., f.w.b., new tyres, starter, bumpers, cream, green wings, many extras, very fast, any trial, fine condition, £57. 10 Dorset Avenue, Romford. After 7. 294735

MORGANS. Carlton Garage. 1927, Aero, J.A.P., geared steering, cycle wings, 35 guineas. Below.

1926, Aero. o.h.v. Blackburne, black and red, cycle wings, 29 guineas.

1925. Acro type tail, J.A.P., 22 guineas. 79 Carlton Vale, Maida Vale, Open Sunday mernings. 29-83

MORGAN, Acro. 1926, c.n.v., 10.45 Blackburne, f.w.b., geared steering, taxed to December, 1932, £28. A. W. Dunn, Oaklands, Pound Hill, Sussex.

MORGAN, 1928 Aero J.A.P., o.b.v., £35, splendid condition. Buntings, Wealdstone, Harrow. 29-311

MORRIS Minor, 1930 fabric saloon, blue, first-class condition, highly recommended, A.A. inspection invited, £55. Taylors. Below.

MORRIS Minor, 1929 saloon, blue, very clean, £42 10s.; hire purchase exchanges. Taylors, 135 London Rd. Kingston 1263.

MORRIS Minor. F. G. Smith (Motors). Ltd. Smith-conditioned Morris Minors. 1929 saloons from £55; 1930 saloons from £70; 1931 saloons from £30. with sliding roof; extended payments and trial. High Rd., Goodmayes. Phone, Seven Kings 1000 (7 lines). 29-14 sploons from £30, wi High Rd., Goodmayes.

MORRIS Minor, 1930 Special 2-seater Arrow body, exceptionally nice-looking car, new condition throughout, licensed, £65; exchange motorcycle. Tippett, Arlington Rd., Surbiton. Elimbridgo 1274, 29-1673

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

MORRIS. H. A. Saunders for carefully used Minors.

1931 o.h.v. Swallow saloon, cream and green, undoubtedly very attractive and in excellent condition throughout, £97. 350 Euston Rd., N.W.1. Museum 4511.

MORRIS Family 8, 1932 saloon, practically brand new, £139. Lionel II. Pugh, 56 South Molton St., W.1. Maylair 4433. 29-59

MORRIS Minor, 1931 (late) 2-scater sports, one owner, small mileage, superb condition, laxed, 57 guincas; terms, exchanges. Crossland, London Rd., Bromley.

MORRIS Minor, 1932 (June) Calshot 2-4-seater, taxed year, mileage negligible, entirely as new, £137 10s. Paul and Co., 51 The Mall, W.5. Ealing 4633.

MORRIS Minor, 1930 8hp conchbuilt saloon, brown, sunshine roof, bumpers, salety glass, nice condition, £60. Beechings, Ltd., Farnborough, Hants. Telephone 279.

MORRIS Minor. Cookes Motors effer: 1931 sports 2-scater, in spotless condition, very fast and economical; this season's bargain, £60. Another 1932 coachbuilt 2-scater, Ev., guaranteed, positively as new, £78; terms and exchanges. Grove Rd., Sullon (opposite P.O.). Open Sundays. 'Phone 3800-1 and 4661.

MORRIS Minor saloon, blue and black practically as new, 3,000 miles only. £75. Chantry Motors, Ltd., 50 Uxbridge Rd., Ealing, W.D. Ealing 4161-2. 29-018

MORRIS Minor, 1930 soloon, exceptionally smart and sound condition, one owner, small mileage, fully equipped, £50, or exchange. 339a Goldbawk Rd., Hammersmith, W.6. Riverside 5113. 29-225

MORRIS Minor. Snip!!! 1931 (February), s.v. 2-scater, taxed, exceptional condition, £57 10s.

1931 Morris Minor, s.v., coachbuilt folding roof saloon, taxed, mileage, indistinguishable new, £72 10s. Harry Nash, 348 Kin

MORRIS Minor, 1930 o.h.v. caochbuilt sunshine saloon, finished beigo and brown safety glass all round, numerous extras, including sun visor and luggage carrier, licensed to December, very lew inleage, unscratched, £75; exchanges, deferred payments. W. E. Humpfireys, Ltd., 122 Hampstead Rd., N.W.1. 'Phone, Museum 9515-6.

MORRIS, 2-seater coupe, excellent condition, £30. 8a Ainger Rd., N.W.3. Primrose 0016. 29-286

MORRIS Minor tourers and saloons, £50 to £75. Ready to drive away, taxed, insured and guaranteed three months; 100 popular makes in stock, from £10 to £65.

Exchanges and simplest bire-purchase. Neither references nor securities required. Drive away same day.

Example: Morris Minor, taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £3. "Self-linanced" hire-purchase. Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. 'Phone, Prospect

MORRIS Minor, 1930 saloon, o.h.v. 4-scater, perfect condition, one owner, private only, £75 or near offer. L.M., 183 The Avenue, N.17.
29-j614

MORRIS Minor, 1931 salcon, folding head, one private owner, most exceptional condition, £77 10s. Tamplin Motors, Cheam. 29-1443

MORRIS Minor, 1931 (July) o.h.v. coachbuilt sun saloon, small milesge, all tyres as now, taxed, in new condition throughout, genuine barguen, £79. Also

MORRIS Minor s.v. couchbuilt sun saloon, taxed, magnificent condition, £69; exchanges, deferred. Smith Auto Co., Ltd., 145 London Rd., Croydon. Croydon 2182-1688.

MORRIS Minor, 1929 saloon, brown fabric, excellent condition, £45; exchanges, terms. Yarwoods, Stoneley South, High Rd., Tottenham. Phone 3122.

MORRIS Minor tourer. 1929 (August), exceptionally good condition, £38. 24 St. Peter's Grove, Hammersmith. Riverside 4652. 29-151

MORRIS Minor 1930 saloon, excellent condition, £48. 24 St. Peter's Grove, Hammersmith. Riverside 4652.

MORRIS Minor saloons and tources. Choice selection of over 10.
Three menths' written guarantee. See displayed advertisement in thus
issue or send for list. Naylor and Root, 25 East Hill, Clapham Junction.
29-160

MORRIS Minors. Great relet! Steele Griffiths are offering during this week 250 used cars, all with written guarantee, at greatly reduced prices, including several Morris Minors. All showrooms open till 8 p.m. 89 Gt. Portland 8t., W. Langham 1601. Abbey House, Victoria St. (lacing Westminster Abbey). Victoria 0467. Court House, Camberwell New Rd., S.E.5. Redney 2201.

MORRIS Minor, 1931 series sunshine coachbuilt saloon, almost new condition, £79; exchanges, terms. Norringtons, 245 Goldhawk Rd., Shepherd's Bush, W.12. Riverside 2365.

MORRIS Minor, 1932 (May) 2-seater, £79. Burrows, Normanhurst. First Avenue, Bradford (Moor). 294738

MORRIS Minor, 1930 8hp tourer, blue, chromium, new hood, good tyres, taxed, insured, £45. 17 Firle Rd., Eastbourne. 29:724

MORRIS Minor, £55 10s. 1931 s.v. 2-seater, small mileage, one owner. Below.

MORRIS Minor, £67 10s. 1930 sun-roof, well kept and generally in aplendid order. Ward and Co., 5 Upper Richmond Rd., E. Putney. 2818.

MORRIS Minor. Brooklands Motor Co. offers:—1930 tourer, very good condition. £57 10s., written guarantee; exchanges and private deferred terms. 331 Euston Rd., N.W.1. Museum 3143-4.

MORRIS Minor, 1932 8hp coachbuilt sliding-roof saloon, moderate mileago only, £95. Bolow.

1931 8hp coachbuilt opening-roof saloon, exceptionally nice order, £75. 1931 8hp coachbuilt opening-roor saloon, exceptionally in Rougham House, 237 Hammersmith Rd., London, W.6. Riv. 4646.
29.85

MORRIS Minor, 1930 model, saloon, finished blue, excellent condition throughout and overlauled, £58; best possible deferred terms. The Service Co., 273 High Holborn. Holborn, 0666.

MORRIS Minor. Sale, August 21st-31st. End-of-season reductions 120 cars to clear, including 50 Morris. List free. Smith and Hunter Below.

1932 (March) sunshine saloon, mileage 1,200, quite indistinguishable from new, grid, bumpers and £10 extras, cost £140, taxed, £100. Below.

1932 2-seater, green, new April, mileago 3,500, taxed September, spot-less order, £80; another, rather more mileage, £78. Below.

1931 (April) coachbuilt sunshine saloon, grey, very sound, one private owner only, guaranteed, £73. Below.

1931 Coachbuilt 2-scater, side valve, tyres very good, in most attractive order, £62. Helow.

1930 (April) fabric saloon, blue, serviceable tyres, exceptionally sound and well kept, £55. Below.

1930 Stadium sports 2-senter, marcon, very attractive throughout, complete equipment, £65. Below.

1929 (August) saloon, blue, Triplex throughout, exceptionally sound, taxed year, £46. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 7, Saturday 5, Sunday 10-1.

OMECA, 1927 sports 3-wheeler, taxed, insured March, 1933, water-cooled o.h.v. J.A.P., balloons, f.w.b., dynamo, 5 lamps, screen wiper, excellent condition, £32 10s., offer. Tiley, Europa, St. Mary's RJ. Wrotham.

PEUGEOT 7, 1926 small 4-scater, taxed, room wanted, £8. Snow, 42a Wilton Rd., Dalston, E.8. 29:255

PEUGEOT, 1928 7hp, taxed year, good condition, £25 or near offer. Apply D., 4 The Park, Highgate, N.6. 29:j461

RENAULTS. The following cars, together with several others, carry our usual guarantee. Deferred terms. Part exchanges. Wolham, Renault Sales and Service Distributors, Surbiton Hill Rd. Surbiton Elmbridge 1876.

1932 Shop-soiled cars to clear. Special prices.

10hp 10-4 5-scater saloun, bumpers, marcon, £170.

12hp 6-cylinder saloon, blue, bumpers, list £250, £170.

13hp Speed Four saloon, plue or marcon, #220 to #170.

1928-9 12-5 Monosix saloon, do luxo, Weymann or coachbuilt, completely overhauled, now batteries, etc., £45 each.

1928 9-15 tourer, all-weather side screens, buff, £35; another, £30. 1927 9-15, as above, taxed, new tyres, £25; another, £20.

1926-7 9-15 spares at low prices.

RENAULT 9, 1928 fabrio salnon, taxed, excellent balloon tyres, exceptionally clean throughout, £27 10s. Barnikels, Kirchen Rd., West Enling, W.13. Telephone 6378.

RENAULTS, under £100. See page 24.

RENAULT, £20, 1927, f.w.b., 8hp touring car, fine runner. Denmans, 152-5 Long Acro, W.C. Open week-ends. Templo Bar 8135-6-7.

RHODE Hawk, £11 10s.; exceptional opportunity, 10hp 4-seater, taxed and insured, lighting and starter, good tyres, fullest equipment, etc., genuing 40 m.p.g., ideal holiday car, Harnes, 56 Leigham Avenue, Stretham,

RHODE Standard saloon. £36 to £48; ready to drive away, taxed, insured and guaranteed 3 months; 100 popular makes in stock, from £10 to £65.

Exchanges and simplest hire-purchase. Neither references nor securities required. Drive away same day.

Example: Adustin 7. taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £3. "Self-financed" hire-purchase.

Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. 'Phone, Prespect 3532.

RILEY specialists. Write for list of guaranteed used cars to Sussex Distributors. Lewes Motors, Lewes.

RILEY 9, 1928 sports 4-seater, Mark III model, central change, just rebored, new Dunlons, 38 m.p.li., oil negligible, taxed, £60; exchange motorcycle and cash. "Bungalow," Verbena Gardens, St. Peter's Square, Hammersmith.

RILEY 9, 1930 Monaco saloon, black and red, very good tyres, exceptionally clean, £130. Leeds and Oxloy, 1a Maida Hill West, W.2. Paddington 5843.

RILEY 9, £97 10s., 1929 Mark IV Monaro saloon, taxed, excellent condition throughout. Paul and Co., 114 Gt. Portland St. Museum 8464-5.

RILEY 9, 1930 (late) Monaco saloon, new Fort Dunlops, one owner, unused last 6 months, definitely perfect, £135. Faul and Co., 51 The Mall, W.5. Ealing 4633.

RILEY, 1929 Monaco fabric saloon, recently overhauled, £95. II. and A. Motors, 69 Church Rd., Upper Norwood, Livingstone 3122. Onen Sundays 11-1 p.m.

RILEY 9 1929 Monaco saloon, red and black, bargain, 297 10s. Rhinds, Ltd., 258 Deansgate, Manchester.

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

RILEY 9, 1929 Monaco saloon, finished black and red wire wheels, carefully used by one owner, salety glass fitted, licensed December, £89; exchanges, terms. Norringtons, 245 Goldbawk Rd., Shepherd's Bush, W.12, Riverside 2365.

RILEYS, under £100. See page 24.

RILEY, 1929. Mark IV sportsman's saloon, as new, 95 guineas, Elite Motors, Garratt Lane, Tooting Broadway. Wimbledon 2925, 29-210

RILEY 911 1930 Monaco saloon in very fine mechanical order throughout, of nice appearance and taxed December, colour dark blue, full equipment and extras, £129. Harold Simons, Ltd., 311 Euston Rd., N.W.1. Museum 9764.

FILEY 9. £118 10s 1930 Monaco saloon, perfectly sound throughout. Ward and Co., 5 Upper Richmond Rd., E. Putney. 2818.

RILEYS. Newnbams have an excellent selection of Rileys available; few examples below, but full list on request; self-financed hire-purchase terms and generous part-exchange allowances arranged.

1932 9hp Monaco Plus Ultra sliding roof saloon, really beautiful car,

1930 9hp Monaco saloon, dual colours, most attractive throughout, £125.

1929 9hp Monaco twin-carburetter saloon, one owner, engine, etc., very good but has been involved in accident and requires various repairs, special price to clear, £45.

1928 9hp Monaco saloon, particularly smart and sound, £69.

Newnham House, 237 Hammersmith Rd., London, W.6. Riv. 4646.

RILEY 9, 1930 Monaco saloon, sun roof, £140. Denmans, 132-3 Long Acre, W.C. Open week-ends.

RILEY. Naylor and Root, Ltd.

1930 Biarritz, taxed December, as new, £145.

1930 Monaco, sun roof, new condition, £139.

1929 Biarritz, completely overhauled, £105.

1929 Mark IV Monaco, very clean car. £98.

1928 Monaco saloons, choice of five, from £69.

Generous exchange allowances; deferred terms.

Naylor and Root, Ltd., 25 East Hill, Clapham Junction, S.W.11. 'Phone, Batteriea 6187-9. 29-162

RILEY 9. Cookes Motors offer: 1928 saloon, in really nice order, f.w.b., starting and lighting, everything works, only wants seeing, a bargain at £64; terms and exchanges. 366 High St., Sutton. Open Sunday. Phone 4660. 29-330

ROVERS. Newnhams always have an excellent selection of Rovers available; few examples below but full list on request. Self-unanced hire purchase terms and generous part exchange allowances arranged.

1932 10.25 coachbuilt sliding roof Foursome coupe, absolutely faul less throughout, £135. 1931 10-25 coachbuilt sliding roof saloon, most attractive car, £108.

1930 10-25 opening roof saloon, maroon, first-class order throughout

1929 10-25 salcon, beautiful appearance and mechanical condition,

Newsham House, 237 Hammersmith Rd., London, W.6. Riv. 4646.

ROVER. Lane Motors. 1928-9 4-door saloon, 10hp, really good, 49 guineas. 208 West End Lane, Hampstead. Open Sunday mornings. ROVER 9, 1925 2-seater, 4 new balloons, fast, economical; exchange with cash for Morgan, or sell. Riverbill Cafe, Hildenborough, Kent.

29-720 ROVER 10, £104 10s. 1931 coachbuilt de luxe saloon, Magna wheels, one owner, absolutely as now; exchanges, terms. Ward and Company, 5 Upper Richmond Rd. E. Putney 2818.

ROVER 10. Save £50 on latest £225 special coachbuilt saloon with radiator shutters, real hido upholstery, 4 speeds. Denmans, 132.3 Long Acre, W.C. Open week-ends. Temple Bar 8135-6-7.

ROVER 9 sports streamlined 2 seater, cherry and cream. £35. Denmans, 132-3 Long Acre, W.C. Open week-ends. Templo Bar 8135 6.

29-18**3** ROVER 10, 1931 (late) sportsman's coupt, black and red, like new, £:115. Denmans, 132-3 Long Acro, W.C. Open week-ends. 29-184

ROVER. Soveral in stock. Very keen prices. Send for list or econisplayed advertisement in this issue. Naylor and Root, 25 East Hill, Clapham Junction, S.W.11.

ROVER. Broadway Motors offer 1931 Regal sunshine saloon, Magna wheels, bumpers, leather unholstery, one owner, very small mileage, indistinguishable from new, £110.

1929 Rover 10bp sportsman's sunshine coups, mechanically perfect, C77 10s.; metorcycles in part. 18 and 19 Woodstock St., Oxford St., W.1. Mayfair 5489. 29-350

ROVER, 1931, 10-25hp sports 4-seater coupe, aliding root, superbly equipped, wire wheels, safety glass, chromium plated, black finish, red leather upholstery, tax paid, absolutely like new, it will pay you to call and inspect this model, £110 (Paddington). Kirk. Below,

ROVER, 1928, 10-25hp sports 4-scater, f.w.b. wire wheels, pneumatic leather upholstery, spring steering, V single-nices screens, exceptionally fast, a really attractive car (Highbury), 244. Three-Montas-Written-Guarantee; exchanges, terms; 100 other cars. Kirk and Co., 22, 49 Praed St. W 2. (Paddington 6049.) And 28-30-32 Highbury Corner, N.5. (North 4784.)

ROVER 10 Cookes Motors offer: saloon, fitted sun roof, leather upholetery, f.w.b., starting and lighting, salety glass all round, a bargain not to be missed, 5 months guarantee with service, £75; terms and exchanges. Brighton Rd., Sutton. Open Sundays. 'Phone 3800-1 and 4661.

ROVER 10, 1932, de luxe, list £194, sacrifice £160; generous allowance for Jowett, Austin, etc. Bunting's Exchange, Harrow.

ROVER 10-25, 1932 coachbuilt sunshine saloon, 4 speeds, brand new and unregistered, slightly soiled only, £170, K.J. Motors, Bromley, Kent. Ravensbourne 3456-7.

ROVER, J. A. Baxter offers:-

1932 10 25hp 4-door coachbuilt sun-hine saloon, 4-speed model, new and unregistered, rear petrol tank, full makers' guarantee, list price £200, gonuine bargain, £157 10s.

1932 10-25hp Rover 4-seater all-weather tourer, brand new and unregistered, full makers' guarantee, list price £195, genuine bargain. £150. 6 Spenser St., Victoria St., S.W.1. Victoria 7548-9. 29-23

ROVER. F. G. Smith (Motors), Ltd. Rover 10.25 1931 aportsman's conpe, black and red. 2117 10s; extended payments. High Rd., Goodmayes. 'Phone, Seven Kings 1000 [7 lines]. 29-9

ROVER 10, 1932 model saloon, coachbuilt, bumpers, taxed and insured, one owner, £123. Rose and Young, Ltd., 97 Streatham Hill (facing "Locarno"). Tel., Streat. 9520-1.

ROVER 10, 1931 sunshine saloon, exceptional condition, £125. Rhinds, Ltd., 259 Deanegate, Manchester. 29-33

ROVER 9 sports, £25. 1927, aluminium and bluembeolutely like new; exchanges, terms. Maynards, 241a High Rd., Wood Green. 2945 ROVER, £25; exchanges!!! Super-sports 2-scater, recently throughly overhauled, a genuine car throughout. Chidley, 579b High Rd., Tottenham. 'Phone 2920.

ROVER 9 sports 4-scater, £48, ready to drive away, taxed, insured and guaranteed 3 months; 100 popular makes in stock, from £10 to £65.

Exchanges and simplest bire-purchase. Neither references nor securities required. Drive away same day.

Example: -Rover 9, taxed, insured and "sell-financed" hire-purchase guaranteed, £54, or £18 deposit and 12 monthly payments of £3.

Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. 'Phone, Prospect

ROVER 10, 1928 sunshine 4-door saloon, in exceptionally good condition, £44. Below.

ROVER 10, 1931 4-door coachbuilt saloon, wire wheels, one owner, year's licence, 298; exchanges, terms. Norringtons, 245 Goldhawk Rd., Shepherd's Bush, W.12. Riverside 2365. Open Sunday mornings.

ROVER 10-25, 1932 coachbuilt sunshine saloon, 4 speeds, brand new and unregistered, slightly soiled only, £170, K.J. Motors, Bromley, Kenl. (Ravensbourne 3456-7.)

ROVERS, under £100. See page 24.

ROVER. Newnhams, 136-8 Streatham Hill, S.W.2. offer 1931 10hp coachbuilt sliding-roof scloon, one owner, beautiful order, any trial, £115. Streatham 8830.

ROVER 10, very smart 4-seater, 1927, in excellent condition, one owner, a real bargain, £22. 34a Hereford Rd., Westbourne Grove, W.2.

ROVER 9. Snip!ji 1927 tourer, one owner, absolutely 1930 condition, £25. Harry Nash, 348 King St., Hammersmith. 29-211

SALMSONS. Intending purchasers of second-hand Salmsons are requested to apply to the makers. Up-to-date facilities for repairs offered, large stock of spares. Salmson care also urgently required for cash S.M.S., Ltd., Church Wharf, Chiswick, W.4. Phone, Ohiswick 3531

SALMSONS. Vadum Co. specialize in 9.5bp Salmsons, twin cambalts, tuned to 50 m.p.b. in second, effortless high cruising speed, 35.40 m.p.g.; A.A. or R.A.C. inspection welcomed; quarterly insurance; deferred terms; overhauls; good used spares.

62 guineas. 1929% Grand Prix, underslung, 2-seater, one owner.

43 guineas. 1928 4-door saloon.

49 guineas. 1928 4 Grand Prix saloon, 4 doors, large f.w.b., 12-volt lighting and starting, cowled radiator, runs beautifully.

39 guineas. 1927% Grand Prix drop-head coupe de luxe, dickey seat, excellent balloons, quiet and comfortable fast car.

39 guineas. Grand Prix, special engine, ball-bearing crankshaft, 4 speeds, balloons, Vce screens, streamline coachbuilt body.

Saimsons urgently wanted. Vadum Co., 352 High Rd., Willesden Green, N.W.10. Willesden 2469.

SALMSONS, under £100. See page 24.

£27 10s. 1926 grand sports, very smart, excellent condi-nge. 89 East Hill, Wandsworth. 29-4

8ALMSON. late 1925 coachbuilt 2-senter sports, Grand Prix, c.h.c. engine, recently overhanded, very good tyrcs, fest, taxed, £18. offer; exchange. Ford, S9 Burlington Rd., Osterley, Middlesex, 2569.

SALMSON, 1926 Grand Prix, twin o.h.e., f.w.b., starter, cycle wings, many extras, superb throughout, taxed, insured, £25!!! Gillett, 18 Grange Crescont, Shemeid.

ALMSON, 1925 sports 2-scater, taxed, insured, very fast, £9. 221 fsida Vale, W.9.

SCHNEIDER sports 4-seater coachbuilt body, 10-30, cutaway driver's aide, guaranteed sound and reliable, 265. Denmans, 132-3 Long Acre. W.C. Open week-ends. Temple Bar 8135-67.

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

SENECHAL super-sports 2-senter, atreamlined sports fabric body. £20.
Dennians, 132-3 Long Acre, W.O. Open week-ends. 29-186

SINGER 9, 1932, saloen, sun roof, slightly soiled, makers' guarantee,

SINGER Junior, 1931, saloon, sunshine roof, taxed and of year, one owner, excellent condition, A.A. inspection; hire-purchase, exchange. Taylors, 135 Loudon Rd. Kingston 1264.

SINGER Junior, 1928, new bearings throughout, new battery, gearbox and crown wheels, excellent tyres, original coachwork, complete kit, splendid condition, £40. After Saturday, 39 Mayfield Rd., Thornton Heath, Surrey.

SINGER, F. G. Smith (Motors), Ltd. 1931 coachbuilt. Jons, diding roof, choice of three faultless cars, from £105. High Rd., Goodmayes. 'Phone, Seven Kings 1000 (7 lines).

SINCER. J. K. Greenwood and Co., Ltd., offer:-

236. Singer 8hp super-sports streamlined 2-seater, fitted low long-tailed body, three new tyres, folding-down screen, ventilators, etc., 35 to 40 m.p.g., quite fast and snappy bus, with very pleasing appearance; written guarantee; exchanges, deferred, 30 and 30a Highgato Rd., N.W.S. Gulliver 2251-2.

SINGER Junior. 1930 4-door coachbuilt saloon, dual green thush, wire wheels, taxed December, very low intege, chromium plating, new condition throughout. £72 10s.; exchanges, deferred payments. W. E. Humphreys, Ltd., 122 Hampstead Rd., N.W.1. 'Phone, Misseum 9515-6.

SINGER 10, 1925, 2-scater, repainted, new hood, good battery, nearly new tyres, excellent mechanically, £12 10s. Read and Bunett, 40 Linhope St., Upper Park Place, N.W.1. Padd, 9550, 2945

SINGER, 8hp. 1932, special Kaye Don saloon, unregistered, cost £185, bargain £145; deterred or exchange. Lionel II, Pugh, 56 South Molton St., W.1. Maylair 4435.

SINGER 9, 1932 super-sports 2-reater, mileage 700, black and green, cost £160 a lew weeks ago, £115. Rose and Young, Ltd., 97 Structham Hill (facing "Locarno"). Tel., Street, 9520-1. 29-242

SINGER Junier. 1928 Sup 4-seater, maroon, one owner, small taxed, £25. Rose and Young, Ltd., 97 Streatham Hill "Locarno"), Telephone, Streatham 9520.

SINGER. Exceptional offer. Fast, specially funed Kaye Don 9hp saloon, taxed, low mileage, demonstrator, listed £185, carrying our full guarantee, £135.

Murphy, Singer specialists for 8 years. 17 Sheen Lane, SAW-14, Prospect 3303.

SINGER, 1932 9 de luxe saloon, almost new condition, fully guaranteed, taxed, coat over £170, bargain £125. 516-522 Streatham High Rd., S.W.16. 'Phone, Pollards 4444.

SINGER Junior, 1932 4-door coachbuilt saloon, sunshine roof, fullest equipment, all chromium fittings, 2-colour blue finish; see this car to appreciate the value offered (Paddington), £105. Kirk. Below.

1931 model, Junior coachhuilt 4-door sunshine saloon, 4 speeds, rear petrol tank, fullest equipment, smart appearance and condition, year's tax paid (Paddington), £79 10s. Kirk. Below.

1930 8bp 4-door coachbuilt saloon, fully equipped dash, luggage carexceptionally small mileage, astounding value (Highbury), £64. If Below.

1929-30 (reg. November) 8hp 4-door coachbuilt saloon, fullest equip

nent, very smart appearance and undoubtedly a bargain that cannot better, tax paid (Paddington), £52. Kirk. Bolow.

1929 Porlock sports 2-scater, fully equipped, wire wheels, origeren and grey, exceptionally fast and attractive, carefully used, owner (Highbury), £42.

1927 8hp 4-seater touror, rigid all-weather equipment, full dash, electric screen wiper, good tyres, very smart appearance, tax paid (Paddington), £25. Three-Mooths Written-Guarantee; 50 other cars. Kirk and Co., 22, 49 Praed St., W.2. (Padd. 6049.) 28-30-32 Highbury Corner, N.5. (North 4784.)

SINGER Porlock sports, 1929, 8hp 2-scater, bodywork good and good mechanical condition, recently had brakes relined, new hood, rear tyres, decarbonized, taxed September, £38. Christic, 15 Hillworth Rd., Tulvo Hill, S.W.2. Temple Bar 9265.

SINGER. F.O.C.IL, LTD. 1929 8hp 2-seater, 2-tono marcon, f.w.b., wire wheels, shock absorbers, luggage grid, superb condition throughout, taxed, 42 guineas. 3-5 Heath St., N.W.S. Hampstead 2215-6 Country mornings.

SINGER Junior, brand new, unregistered, slightly shop-soiled, 4-door coachbuilt sun saloon, four speeds, rear petrol tonk, makers' guarantee, 2129 to clear. Rose and Young, 1.td., 97 Stroatham Hill fincing "Locarno"). Tel., Streat. 9520-1.

SINGER. Sale, August 21st. 51st. End-of-season reductions, 120 cars to clear. List free. Smith and Hunter. Below.

1932 Junior sunshine saloon, black-cream or blue, choice two, new and unregistered, to clear, £115. Below.

1931 Junior sunshine saloon, black-cream, very attractive order, taxed September, guaranteed, £80. Below.

1929 (April) Junior 4-door saloon brown, leather, taxed year, fully insured April, superb order, £54. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 7, Saturday 5, Sunday 10-1.

SINGER 8, 1928, 2-scater and dickey, f.w.b. and inll equipment, blue, very good condition, £23. Central Auto Service, 15-17 Putney Bridge Rd., Wandsworth. Phone, Putney 4466. Open Sundays. 29-756

SINCER 8, 1927 Junior tourer, taxed, insured, £28; low deposits, exchanges. Page, 199b Upper Richmond Rd. Putney 7671.

29-984

SINCER 8. Junior, 1928, 4-door coachbuilt saloon, spotless condition, taxed, £39; also Singer Senior 10bp 2-scater and dickey, very well kept, licensed, £12; exchanges, terms. Morringtons, 245 Goldhawk Rd., Shepherd's Bush, W.12. Riverside 2365.

SINGER, £15 to £60; exchanges!!! Several Junior saloons, tourers, also a van, at attractive prices. Please call Chidley, 579b High Rd., Tottenham. 'Phone 2920.

SINGER Junior 1931 8bp coachbuilt calcon, finished in marcon and cream, in excellent condition throughout, £82. Nownhams, Ltd., 164-168 Fulham Palace Rd., W.6. Fulham 0071. 29-285

SINGER, 1932 Junior coachbuilt sunshine saloon, negligible mileage, almost as new, £109. 516-522 Streatham High Rd., S.W.16. Phone. Pholards 4444.

SINCER Junior tources and saloons, £35 to £65; ready to drive away; taxed, insured and guaranteed three months. 100 popular makes in stock, from £10 to £65.

Exchanges and simplest hire-purchase. Neither references nor securities required; drive away some day.

Example: Singer Junior, taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £3. "Self-financed" hiro-purchase.

Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. 'Phone, Prospect 3332.

SINGER Porlock sports, £54 to £68, ready to drive away, taxed, insured and guaranteed three months. 100 popular makes in stock, from £10 to £65.

Exchanges and simplest hire-purchase. Neither references nor securities required; drive away same day.

Example: Austin 7, taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £5. "Self-financed" hire-purchase.

Andrews Automobiles, 57 Sheen Lane, Mortlake, S.W. 'Phone, Prospect

SINGERS, under £100. See page 24.

SINGER Junior 4-door coachbuilt saloon, nice order, one owner £67. Byfleet Automobile, West Byfleet. 29-,626

SINGER, 1931 (late) Junior coachbuilt sunshine salcon, excellent condition throughout, one owner, £84. 516-522 Streatham High Rd., 29-970

SINGER 8 tourer, 19274, taxed, excellent order, 5 good tyres, 225 10s. 403 Higham Hill Rd., Walthamstow. 29-1626

SINGER, 1929, Porlock sports, completely overhauled by us, including new pistons, etc., chromium plated and oversized tyres, smart car and runs well, any trial, 35 guineas. Camden Motors, behind Camden Town Underground.

SINCER Junior. Phillips and Powis (Motors, Ltd., offer:-Brand-new and unregistered 1932 8bp coachbuilt sun saloons, 4 species, rear tank, at £128, list £150; liberal allowance on present car; dolared terms. 470 478 Oxford Rd., Reading. 'Phone 2600. 29-108

SINCERS. Newnhams always have an excellent selection of Singer available; few examples below, but full list on request; self-financed hire purchase terms and generous part-exchange silowances arranged. 1932 8hp 2-seater, dual marcon, almost as new, £105.

1931 8hp coachbuilt sliding-roof saloon, very smart and generally attractive, £78.

1929 8hp coachbuilt saloon, dual blue, beautiful little car. £49.

Newsbam House, 237 Hammersmith Rd., London, W.6. Riv. 4646.

SINGERS. Lane Motors for Singers.

1932 Kaye Don Shp saloon, 129 guineas.

929 8hp Porlock sports, 35 guineas. 208 West End Lane, Hamp-tead. Upon Sunday mornings.

SINGER Junior, brand-new 1932 4-door coachbuilt sunshine saloon, 4 specus, unregistered, choice of colour, list price £150, exceptional older, £120; exchanges, deterred. Altery and Bernard, 344 King's Rd., Chelsea. Flaxman 4653.

SINGER, £25111 1927 coschbuilt 6-cylinder salcon, ready for use. Henmans, 132-3 Long Acre, W.C. Open week-ends. Templo Bar 29-187

SINGER. Six in stock. Best value. Send for list or see displayed advert. on page 22. Naylor and Root, 25 East Hill, Clapham 29:154

SINGER Junior, 8hp. 1930 (August) special sports 2-seater, black and red, various extras, cycle-typo winge, pneumatic upholstery, excellent condition, one owner, £50. 24 St. Peter's Grove, Hammersmith Riverside 4652.

SINCER Junior saloon, 1932, 4 doors 4 speeds, sliding roof, list price £150, accept £118, unrepeatable offer, mileage under 200. Whitevs. 7 The Vale, Acton, W.J. 29-526

SINGER Junior, 1929 8hp 4-door saloon, finished blue, almost new Fort Duniops, clock, speedometer, etc., taxed till December, beautiful condition, 49 guinoas; exchanges. Whitbys, 1-7 The Vale, Acton. London, W.3.

SINGER Junior. Cookes Motors offer 1931 saloon, 4-speed gearbox, in absolutely spetiess condition, 3 months' guarantee, a real bargain, £74; terms and exchanges, Brighton Rd., Sutton. Open Sundays. 'Phone 3800-1 and 4661.

SINGER Junior saloon, black and red, sliding root, fully equipped, ex-cellent throughout, one owner, taxed year, £75. Chantry Moters, Ltd., 30 Uxbridge Rd., Ealing, W.5. Ealing 4161-2. 29-317

"THE MOTOR BOAT MANUAL."

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

SINGER 8 1930 salcon, like new, £68. Denmans, 132-3 Long Acre, W.C. Open week.ends Temple Bar 8136-6-7.

SINGERS. Cookes Motors offer:—A real economical buying. 1932 shopsoiled Singers, carrying the makers' full guarantee, the following models: 9hp Special saloon, maroon and black, £139.

Shp Junior saloon, light blue and black, £125.

10hp de luxe saloon, maroon and black, £158; terms and exchanges. 366 High St., Sutton. Open Sundays. 'Phone 4660. 29-335

SINCER, 1928, Junior saloon, taxed year, great bargain, £30. 781b London Rd., Thornton Heath. 'Phone 3456. 29-324

SINCER 8. 39 guincas! 1928 saloon, excellent condition throughout: exchange. Parwood, East Hill, Wandsworth. 29-3

STANDARD. 400 Car List post free; 1927 to 1932 new and used cars in stock. Saloons, coupes, sports, landaulets, touring, 2-seaters, etc. Open till 8.30 p.m., week-ends and holidays included. Distance no object. "The Northern Olympia." Better exchanges at Bambers, near Birkdale Station, Southport. Phone 66161. (117 The Headrow, Leeds; 16 Cambridge St., Sheffield.)

STANDARD 9, 1929 long chassis sun-root saloon, perfect, £65; texchanges. A.Z. Motors, 180 West End Lane, Hampstead. 05

STANDARD. F. G. Smith (Motors), Ltd. Smith-conditioned Standards. 1931 Big 9 4-door caloon, choice of two, £130, sliding roof, £125 fixed head; extended payments. High Rd., Goodmayes. Phone, Seven Kings 1000 (7 lines).

STANDARD 9, 1931 Swallow soloon, 4-speed, taxed year, mileage 7,000, as new, £165. Below.

STANDARD 9, 1931 coachbuilt saloon, blue, taxed year, as new, £145. Paul, Sawyer and Co., 72 Gt. Portland St. Museum 1925. 29-257

STANDARD, 1932 Big 9 saloon, very low mileage, periect condition, £155, year's guarantee; exchanges, deferred. Truscott for Saloons, 173a Westbourne Grove, W.11. Bayswater 4274. 29-253

STANDARD. Sale. August 21st-31st. End-of-season reductions, 120 cars to clear. List free. Smith and Hunter. Below.

1932 Little 9 saloon de luxe, black-cream, Triplex, bumpers, as new throughout, guaranteed, tax paid, £135. Helow.

1932 (February) Little 9 sunshine saloon, black-marcon, perfect mechanically, Al lot, taxed, £127. Below.

1931 coachbuilt sunshine de luxe salcon, £255 model, 8,000 miles, Triplex throughout, 4-speed, taxed year, £145. Below.

1931 coachbuilt saloon, sunshine, blue-cream wheels, very clean, taxed, £130. Below.

1930 Teignmouth sunshine saloon, black-red, very complete equipment, one owner, quite perfect, £85. Below.

1929 Teignmouth saloon, black-white line, leather upholstery, good tyres one owner throughout, 265. Below.

Smith and Hunter, Ltd., 407 Edgware Rd. Ambassador 1011. Evenings 7, Saturday 5, Sunday 10-1. 29-235

STANDARD, 1932. Big Nine coachbuilt saloon, small mileage, otherwise brand new, £169. Luonel H. Fugh, 56 South Molton St., W.L. Maylair 4433.

STANDARD guaranteed saloon, dynamo lighting, starter, new tyres, balloons, runs beautitusy; cheap; offers; motorcycle part. Easy terms. Wandsworth Motor Exchange, Ebner St., Wandsworth (Town Station.)

STANDARD 9, 1932, coachbuilt sunshine saloon, spotless, £127 10s. Rhinds, Ltd., 258 Deansgate, Manohester.

STANDARDS. Great solell Steele Griffiths are offering during this week 250 used cars, all with written guarantee, at greatly reduced prices. More than 8 Standards are included in this sale. All show-rooms open until 8 p.m. 89 Gt. Portland St., W. (Langham 1601); Abbey House, Victoria 84, facing Westminster Abbey (Victoria 04671; Court House, Camberwell New Rd., S.E.5 (Rodney 2201). 29-128

STANDARD Nine, 1930, 4-scater, all-weather equipped, attractively finished dual colour, dipping headlamps, excellent condition, licensed December, £78. Below.

STANDARD Big Nine, 1931 sunshine 4-door saloon, very small milesge, new condition, £115; exchanges, terms. Norringtons, 245 Goldhawk Rd., Shepherd's Bush, W.12, Riverside 2365.

STANDARDS, under £100. See page 24.

STANDARD. Newnhams, 136-8 Streatham Hill, S.W.2, offer 1951 Big 9 coachbuilt slighing-roof saloon excellent condition incougnout, £135. Streatham 8830.

STANDARD, 1931 Big 9 calcon exceptionally nice condition, fully guaranteed, £109 or near offer, 516-522 Streatham High Rd, S.W.16, 'Phone, Pollards 4444.

#### IMPORTANT TO ADVERTISERS-

#### Alteration of Press Day

The latest time for receipt of paragraph advertisements will in future be

#### 6 p.m. Monday

for the following Friday's issue.

Advertisements for our next issue must therefore reach our Head Offices by 6 p.m. Monday, August 29th

TOR BOAT MANUAL." 10th Edition. A Practical Handbook for Motor Boating Enthusiasts. 5s. net. 5s. 5d. post free.

Supplement x.)

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

STANDARD, £10 deposit, 99 guineas cash. Big 9 1931 fabric sunahino saloou, practically unworm tyres, one owner, exceptional condition, ta-ed; list free; exchanges. All week-days, including Saturdays, 9-1. Rowland Smith. 78-81 High St., Hampstead. Minute Hampstead Tube. Phone, Hampstead 6041-6. 29-116

STANDARD Big Nine, 1930, Teignmouth sunshine saloon, practically new tyres, blue, beautiful condition, £85; exchanges, deierred, Allery and Bernard, 344 King's Rd., Onelsea. Flaxman 4633. 29-201

STANDARD 9. Several choice bargains. See Displayed advert. on page 22, or send for list. Naylor and Root, 25 East will, Ulapham Junction, S.W.11.

STANDARD Big 9 1930 saloan, sun 100f, £85. Denmans, 132-3 Long Acre, W.O. Open week-ends.

STANDARD Little Nine black and green, sunshine saloon, brand new, unregistered, shop-soiled only, fully guaranteed, our price £140. Chantry Motors, Ltd., 30 Uxbridge Rd., Ealing, W.5. Ealing 4151-2.

STANDARD. FO.C.H. LTD. 1931 Big Nine 4-door sunshine saloon, one owner, very carefully used, superb condition throughout, year's tax, 125 guiness. 3-5 Heath St., N.W.3. Hampstead 2215-6. Open Sunday mornings.

STANDARD. £82 10s. 1930 series 9 saloon, sun roof, wire wheels, super bargain; exchanges, terms. Ward and Co., 5 Upper Richmond Rd., E. Putney. 2818.

STANDARD 9. Lane Motors. 1930 sunshine saloon, 79 guineas. 208 West End Lane, Hampstead. Open Sunday mornings. 29-81

STANDARD tourer, 1928. She excellent condition throughout, £35.
Frentzella, 319 Edgware Rd. Phone, Padd. 5129. 29-110

STANDARDS. Newnhams always have an excellent selection of Standards available; few examples below, but full list on request; self-financed hire-purchase terms and generous part-exchange allowances arranged.

1932 Little 9 coachbuilt sliding-roof saloon, most attractive car, £125. 1931 Big 9 coachbuilt a.r. saloon, moderate mileage and most attractive, £125.

1931 Big 9 Avon sports 2-seater, very exceptional appearance, etc.,

1930 Big 9 do luxe coachbuilt sliding-roof saloon, only wants seeing,

1928 9hp opening-roof saloon, carefully used by one owner, £52.

Newsham House, 237 Hammersmith Rd., London W.6. Riv. 4646.

STANDARD 9, 1929, registered March. 1930, 4-door saloon, sunshine yoof, bumpers. in really excellent condition. £65; exchanges, terms; also 1928 saloon at £45. Yarwoods, Stoneley South, High Rd. Tottenham. Phone 3122.

STANDARD Big Nine, 1931, 6-light sunshine 4-door saloon, fullest equipment, adjustable bucket seats, chromium finish, beautifully kept, excellent tyres, superb car in every respect, year's tax. £110. Three-months-written-Garanuteo; exchanges, terms; 100 other cars. Kirk and Co., 22, 49 Praed St., W.2. (Paddington 6049.)

STANDARD, 1931 (late) Big Nine saloon, finished black and cream, small mileage, beautiful condition, one owner, £122 10s.; best possible deferred terms. The Service Co., 273 High Holborn. Holborn 0666.

29-339

SWIFT, 1927 10hp 4-seater, blue, f.w.b., rear screen, particularly sound and well kept, taxed, £30. Smith and Hunter, 407 Edgware Rd. 29-240

SWIFT, 10hp, 1930 sports coupe, sliding roof, taxed, £88. Paul and Co., 51 The Mall. W.D. Laling 4633.

SWIFT, £18; exchange!!! 9hp de luxe 2-scater, new hood, hattery and tyres, taxed till 1933, real beauty, any test welcome. Chidley, 579b High Rd., Tottenbom. 'Phone 2920.

SWIFT salcons and tourers. £30 to £55, ready to drive away, taxed, insured and guaranteed 3 months. 100 popular makes in stock from £10 to £65. A from Automobiles, 37 Sheen Lane, Mortlake S.W. Thone, Prospect 5332.

SWIFTS, under £100. See page 24.

SWIFT. Newnhams 136-8 Streatham Hill, S.W.2. offer 1931 10hp Swallow sports saloon, most attractive car, beautiful condition, £148. Streatham 8830.

SWIFTS. Newnhams always have an excellent selection of Swifts available; few examples below, but full list on request; self-financed himpurchase terms and generous part-exchange allowances arranged.

1931 10hn Fleetwing sports sliding-roof saloon, beautiful appearance, etc., £129.

1931 10hp drop-head coupe, really first-class throughout, £105.

1930 10hp sliding-roof Foursome coups, very exceptional opportunity,

1928 10hp Nomad saloon, smart and very good mechanically, £48.

1927 10hp tourer, fitted f.w.b., excellent little car, £19. Newsham House, 237 Hammersmith Rd., W.6. Riv. 4646.

TALBOT. Shp o.h.v. coupe, cell ignition, thoroughly equipped, excellent tyres, last and economical, insured March. 1933, and taxed; consider motorcycle part exchange, cash £25. Handley, Lichfield College, Staffs.

TRIUMPH. Anthorized main dealers. Immediate delivery of all models. New and second-hand in stock: exchange and delerred terms if desired. Beechings, Ltd., Farnborough, Hants. Telephone 279. 222-719

TRIUMPH. Bablake Garage, Ltd., Queen Victoria Rd., Coventry ITho Midland Triumph Specialisis), solicit your custom. You can't beat Bablake Garage, Ltd., for new or used models. Used Triumphs urgently wanted in exchange for any car.

#### SECOND-HAND LIGHT CARS AND CYCLECARS FOR SALE

TRIUMPH 1930 Super 7 do luxo 4-stater model, cellulose grey and maroon, exceptionally nice condition, £55. Fraser Nash Cars, London Rd., Islowerth, Hounslow 5171.

TRIUMPH, 1930 galoon, Triplex glass, new condition throughout, exchange motorcycle. Tippett, Arlington Rd., Surbiton. Elm

TRIUMPH. 1930 saloons, choice of two, one do luxe sun roof, leather uphoistery, from £65. 516-522 Streatham High Rd., S.W.16. Pollards 4444.

TRIUMPH 7, 1929 sportsman's saloon, black and red, excellent conditiondition, £35; exchanges. Open Sundays. Prince Albert Garage, Staines Rd., Sunbury, Middlesex. Telephone, Sunbury 425. 29-1677

TRIUMPH, 1929 8hp saloon, taxed, perfect condition, £50, A.Z. Motors, 180 West End Lane, Hampstead. 0523. 29-22

TRIUMPH 7, 1930 de luxe drop boad coupe, leather upholstery, mileage, taxed year, perfect throughout, £55. "Wootton," A Rd., St. Paul's Cray, Kent. 2

TRIUMPH. J. K. Greenwood and Co., Ltd., offer :-

235. Triumph 10hp super-sports 2-seater, taxed, insured, finished polished aluminium, fitted 1 w b, wire wheels, three new tyres, we screens, 4-speed gearbox, etc., last and sporty bus, in excellent condition; written guarantee; exchanges, deferred. 30 and 30a Highgate Rd., N.W.5. Gulliver 2251-2.

TRIUMPH. II. A. Saunders for carefully used Triumphs.

12 Shp 4-door saloon, leather upbolstery, bumpers, sliding roof, ligible mileage, as new, £149. 330 Eusten Rd., N.W.1. Museum

TRIUMPH. 1932 saloon, shop-soiled only. £140; exchanges or deferred. Sydney G. Cummings (only address), 101 Fulbam Rd., London, S.W.3. Sloane 8251-2.

TRIUMPH, 1929-30, 7hm coupe, excellent condition throughout, £39. Bartlett, 27a Pembriuga Villas, Notting Hill Gata. 29-50

TRIUMPH. 8hp. 1930 sports saloon, leather upholstery, excellent mechanically. £65; exchanges, terms. Norringtons, 245 Goldhawk Rd., Shepherd's Bush, W.12. Riverside 2365. Open Sunday mornings.

TRIUMPH toprers and saloons, £50 to £65, ready to drive away; taxed, insured and guaranteed three months, 100 popular makes in stock, from £10 to £65.

Exchanges and simplest hire-purchase. Neither references nor securities required; drive away same day.

Example: Triumph, taxed, insured and guaranteed, £54, or £18 deposit and 12 monthly payments of £3. "Self-financed" hire-

Andrews Automobiles, 37 Sheen Lane, Mortlake, S.W. 'Phone, Prospect 3332.

TRIUMPHS, under £100. See page 24.

TRIUMPH. Newnhams 136-8 Streatham Hill, S.W.2 offer 1950 7 do luxe saloon, leather upholstery, safety glass, excellent condition, £69. Streatham 8850.

TRIUMPH, 1929 super 7 saloon, excellent condition throughout, £49. 516-522 Streatham High Rd., S.W.16. 'Phone, Pollards 4444'.

TRIUMPH 7. Rennos. 1928 Weymann saloon, i.w.h., spare wheel, starter dyname, speeded, clock electric born, mirror, wiper, re-covered, repainted, 39 guineas, £7 10s. down, 42s. 2d. monthly. 232-3-4 Upper St., Islington. Near Tubes. 'Phone, North 4467-8.

TRIUMPH, 1932 auper 7 coachbuilt saloon de luxo, blue, taxed, scarcely used, absolutely new condition. £135; exchanges, deferred. Martins Garages, Highgate Village. Phone, Mountview 1228.

TRIUMPHS. Newnbams always have an excellent selection of Triumphs available; few examples below, but full list on request. Self-financed hire-purchase terms and generous part-exchange allowances arranged. 1932 super 9 coachbuilt sliding roof saloon, most attractive throughout, £138.

1932 super 7 de luxo 2-scater, moderate mileage and perfect, £119. 1930 super 7 saloon, first-class appearance and general condition, £62. 1929 super 7 saloon particularly smart and sound, special offer, £39. Newsham House, 237 Hammersmith Rd., London, W.6. Riv. 4646. 29-91

TRIUMPH, 1929 super 7. black and cream, 2-seater, taxed, insured July 1933, overhauled, £48. 6 Chalcor Crescent, Primrose Hill.

TRIUMPH, £8 deposit, 82 guineas cash. Super 7, 1931 model, Gnat super sports 2-scater, black and green, one owner, very exceptional condition.

Exchanges All week-days, including Saturdays, 9-9; Sundays, 9-1; Rowland Smith, 78-81 High St., Hampstead. Minuto Hampstead Tube. 'Phone, Hampstead 6041-6.

TRIUMPH. Morgan Hastings offer the following fully guaranteed and brand-new 1932 Triumph care:--

One only, latest 7hp 4-door pillariess saloon, black and green, list £157 10s. £130.

One only, 9hp de luxe 2-seater, black and blue, list £185, £150.

One only, 12hn 6-cylinder 2-senter, duo-grey, list £185, £150.

One only, 12hp 6-cylinder Scorplon saloon, list £192 10s., £155.

One only, 12-6 saloon, list £198, £160.

One only, 12hp 6-cylinder Abboy sports 4-seater, 4-speed gearbox, list £230, £198.

95 New Bond St. b.1 [Mayfair 5323], and 212 New King's Rd., S.W.6 (Putney 7611).

TRIUMPH, choice of six. Genuine bargains. See displayed advertisement on page 22, or send for list. Naylor and Root, 25 East Hill, Clapham Junction, 5.W.11.

TRIUMPH. £65. Late 1930 coachbuilt de luxe saloon, very beautiful condition throughout, a genuino bargain; terms exchanges. 368 Horasey Rd., N.19. Archway 3294.

TRIUMPH 1929 (March) 4-scater, marcon, good tyres, complete equipment, repainted, £38. Smith and Hunter, 407 Edgware Rd. 29-241

TROJANS. Always several in stock. Send for details. Lewes Motors, Lewes, Sussex.

TROJAN. £8. 1927 3-door tourer, Saturday, Sunday or evenings. Hudson, 35 Inwood Crescent, Brighton. 29-j705

VERNON-DERBY. £8 deposit, 79 guineas cash. 1930 (reg. 1931), 9hp super-sports 2-seater, green, one owner, carefully used, exceptional condition; list free; exchanges. All weekdays, including Saturdays, 9-9; Sundays 9-1. Rowland Smith, 78-81 High St., Hampstead. Minuto Hampstead Tube. 'Phone, Hampstead 6041-6. 29-114

VERNON-DERBY. Broadway Motors offer 1928 sports 2-seater, excellent condition, £62 10s. 18 and 19 Woodstock St., Oxford St. 29-353

WOLSELEY Hornet, 1931, Abbey, 2-4-seater, black and green, small mileage, engine overhauled, petrol 34 and oil 1,800 m.p.g., in excellent condition throughout, £135, 562 Finehley Rd., N.W.11. Phone, Speedwell 1075. Before 10 a.m.

WOLSELEY Hornet, 1931 coachbuilt sun de luxe saloon, Magna wheels, blue, exceptional condition, £105. Paul and Co., 114 Gt. Portland St. Museum 8464-5.

WULSELEY Horney, 1931, 12hp fabric saloon, wide body, sunshine roof, nice condition, £35. Beechings, Ltd., Faruborough, Hants, Telephone 27s.

WOLSELEYS, under £100. See page 24.

WOLSELEY 7. 26, taxed, mechanically sound, tyres and paint very good statter, screen wiper, new battery. Write, Ross, 33 Totbill St., 29:j726

WOLSELEY Hornet, Lane Motors, 1930 saloon, a real beauty, 75 guiness. 208 West End Lane, Hampstead. Open Sunday mornings.

WOLSELEY Hornet, £112 10s. 1931 special 2-seater sports, excel-lent condition, very fast; exchanges, terms. Below.

lent condition, very fast; exchanges, terms.

WOLSELEY Hornet, £78 10s. 1930 saloon, coachbuilt, in eplendid order. Ward and Co., 5 Upper Richmond Rd., E. Putney. 2818 29-105

WOLSELEY, 1931 Hornet E.W. coupe, finished black and green, in exceptionally nice order, 2135. W. T. Dunn, Ltd., 307 Euston Rd., N.W.1. Museum 5391. Exchanges, deferred terms. 29-122

WOLSELEY Hornet. 215 deposit, 155 gulneas cash. 1932 model 4-door coachbuilt sunshine saloon, 4-speed, numerous extras, one owner, amoll mileage, practically brand new, year's tax, cost over £200; eachanges. Rowland Smith. Below.

WOLSELEY Hornet, 27 deposit, 75 guineas cash. Late 1930 coachbuilt saloon, exceptional condition, taxed; list free; exchanges. All week-days, including Saturdays, 9-9; Sundays, 9-1. Rowland Smith, 78-81 High St., Hampstead. Minute Hampstead Tube. 'Phone, Hampstead 6041-6.

WOLSELEY Hornet 1930, coachbuilt saloon, blue, spotless condition, 269; exchanges, delerred. Allery and dernard, 344 King's Rd., Chelsca. Flaxman 4603.

WOLSELEY Hornet 1930 saloon, coachbuilt, overhauled, 275. Denmans, 132-3 Long Acre, W.O. Open week-ends. Tempie Bar 8135.

WOLSELEY Mornet 1931 saloon, conchbuilt, sun roof, Triplex glass, 115 guineas. Denmans, 132-3 Long Acro, W.C. Open week-ends. 29-191

WOLSELEY Hornet salage, 1930 (late), excentionally good condition. £65. 24 St. Peter's Grove, Hammersmith. Riverside 4652. 29:149

WOLSELEY Hornet. Broadway Motors offer 1931 coachbuilt sunshine saloon, large body, year's tax, exceptionally clean, 100 guineas; choice

of two.

1931 Welseley Hornet Swallow 2-scater, immaculate condition, colour cream and green, 4-speed gearbox, remote control, £150; another, £140. 18 and 19 Woodstock St., Oxford St., W.1. Maylair 5489, 29-352

WOLSELEY Hornet, 1931 model, 6-cylinder coachbuilt sunshine saloon, large body, full equipment, Triplex glass, new tyres, original celluloss finish, in magnificent condition; if you require a first-class car see this unrepealable bargain, £89 10s. Three-Months'-Written-Guarantee; exchanges, terms: 100 other cars. Kirk and Co., 28-30-32 Highbury Corner, N.5. 'Phone, North 4784.

if you want to buy or sell a used motorcar, see "The Motor" Sale Section. Hundreds of car bargains are advertised each week.

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A.C. All replacements stocked for all models, also guaranteed second-hand parts. Elephant. BELSIZE. All models. Genuine parts only obtainable from Elephant Motors, new and second-hand.

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CLYNO. For prompt service try Elephant first. Complete stock of new and second-hand parts. Reduced price list 1924-9 models, 1s. post free. ELEPHANT. Special parts made or repaired, gears, worm wheels, shalts, etc., quick service.

ELEPHANT MOTORS, LTD., 97-103 Newington Causeway, London, S.E.1. 'Phone, Hop 7076-7-8.

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'Phone, Streatham 6187-8. Telegrams, "Scotia, Streatham 6187, London."

TRIUMPH spares. Complete stock for Triumph Super Seven, trade and retail. Ratchile Bros., 200 Gt. Portland St., W.1. Museum 8603.

MASKELL for Morgans. Official repairers, carry a complete stock of Morgan spares; write for spare list gratis. 6 Station Rd., Camberwell, S.E.6. Brixton 5725.

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ENECHAL cars, sales, new and second-hand spares and service at The Winter Garden Garage, 10 Macklin St., W.C.2. Holborn 4236.

CLYNO owners. Your motoring will be cheaper than ever, for our new reduced prices of all running parts, quality and maintained. R. H. Collier and Co., Ltd., South Yardley, Bir ham. Telephone, Acocks Green 1331.

SWIFT spare parts. The only source from which genuine spares can be obtained for all models of Swift car is through R. H. Collier and Co., Ltd., successors to Swift of Coventry, Ltd., or their agents, R. H. Collier and Co., Ltd., Coventry Rd., South Yardley, Birmingham Telephone, Acocks Green 1331.

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SPARES, lowest prices, equal to new, for Austin, Morris, Rover, Swift, Clyno, Singer, Hunter, Talbot, Rhode, Renault, Salmson, Standard, Gwynne, Pengeot, Jowett, Fiat. Calthorpe, and many others. All electrical accessories; approval. Balham Motor Mart, Ltd., Eton Garage, 260 Balham High Rd., S.W.17. 'Phone, Hatterson 2969. 222:94

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CLARE'S MOTOR WORKS for good second-hand spares, over 500 cars dismantled, including the following small cars:—Austin 7hp and Morris Minor, Alvis, Ariel, A.C., A.B.O., Calthorpe, Calcott, Citroen, Cluley, Clyno, Fiat, Galloway, Gwynne, Hampton, Hands, Hillman, Humber, Jowett, Lea Francis, Mathis, Renault, Peugeot 7hp, Riley, Rover 8, 9 and 10-25hp, Salmion, Singer, Standard, Talbot 8, 10-25, Swift, Wolsoley 8 and 11hp, Windsor, etc. Quotations by return, approval. 118 Tulse Hill, S.W.2. Brixton 6507. Closed on Sunday, SINGER spares. Largest London stock. New, used, Murphy, Mortlake, 17 Sheen Lane. Prospect 5503.

SECOND-HAND spares for Austins, A.D. Alvis, Ariel, Armstrong, Bayliss, Bean, Belsize Olyno, Calcott, Chevrolet, Citroen 7 and 12. Crossley, Darraci, Iviage, Fiat 8 and 10, Hillman, Hands, Humber, Jowett, Lea-Francis, Morris, Peugeot, Renault, Riley, Rover 8, 9 and 10, Senechal, Salms in, Singer 8 and 10, Standard, Switt, Talbot, Vauxball, etc. Write, phone or call for lowest quotation. Snows, 422 Wilton Rd., Dalston, E.S. Clissold 8645.

1928 Singer Junior tourer, breaking up, all parts. Kaye, 74 Pytchley Rd., Kettering. 29-1666

#### SPARE PARTS FOR LIGHT CARS (continued).

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AUSTIN. Bruton Garages, Ltd., authorized agents; early delivery all models; exchanges and terms. 4 Blenheim St., New Bond St., W.I. Maylair 4737.

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ROVER. Henlys, London distributors for Rovers. 155 Gt. Portland St., W.1. Museum 7754.

ROVER. Immediate delivery from stock, 10-25 and the new 12hp 6-cylinder models; exchanges or deferred. Satisfaction guaranteed, Sydney G. Cummings, only address, 101 Fulham Rd., London, S.W.3. Sloame 2/31-2.

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SINCER. Spikins (Twickenham), Ltd., all models in stock.

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# De light Car (Supplement xiv.)

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WANTED for spot cash, Austin 7s, Riley and M.G. Midgets. Golly's Garage, Ltd., 111a Earl's Court Rd., S.W.5. Frobisher 0063. zzz-735

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PARWOODS want 8-18 and 9-20 Humbers urgently. 89 East Hill, Wandsworth. Battersea 0443. 29-2

CASH to-day!!! Morgans, B.S.A. 3-wheelers, Austins, Rileys, Standards, also saloons. Wandsworth Motor Exchange, Ebner St., Wandsworth (Town Station). 29-42

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NEWNHAMS want unlimited number of recent cars for cash, or in exchange for any new or used models; best possible prices offered. 237 Llammersmith Rd., W.6. Riverside 4646.

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WAYSIDE collapsible caravan, three-berth, fully equipped, £60. Makers, Stubbs, Hawksworth, Notts.

TRAILERS from £8 17s. 6d., complete; also steel chassis and axles supplied from the actual manufacturers. F. Boddy and Son, Engineers, Boroughbridge, Yorkshire.

ECCLES collapsible camping trailer, fitted for two, solid panelled and side curtains, glass windows, £75. Eccles, Caravans, Stirchley, Birmingham. 29-994

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PROFITABLE whole or spare time occupation. Exclusive motor accessory. Experience unnecessary. Write BCM/TIOR, London, W.C.1.

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WE have the most up-to-date machinery in London for charging and repairing batteries and testing, locating and repairing faults in dynamos and starters.

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'PHONE, Park 8641-2.

29-30

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zzz-202

13s. 9d. Special offer guaranteed 6-volt batteries for Austin 7 and Morgan, all types at similar keen prices. Murphy, 17 Sheen Lane, S.W.14. Prospect 330a.

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CUARANTEED 12 months. All types can be supplied. Please state year and make of car. Carriage lorward.

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MOTORCYCLE, 61/2-in. by 41/4-in. by 31/2-in., 6-volt, 12 a.h., 12s. 6d. FULLY guaranteed.

AUSTIN 7, 6-volt, 40 a.h., 14s.

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MORRIS Minor, 6-volt, 60 a.h., 21s.

CHEVROLET, 6-volt, 60 a.h., 25s. 6d.

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BATTERIES despatched fully charged and ready for use at 2s, each for 6-volt and 5s, od for 12-volt. No waiting. Carriage forward, en 7 days' approval.

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BATTERY service station. Any type or make of battery charged and repairs of every description undertaken, starter batteries loaned to customers whilst own is under repair.

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ELECTRICAL service, large stocks, replacements, exchanges; immediate delivery, low prices.

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BONTOP hood re-covering sets. Re-cover your hood in your own garage. Each set ready to fit frame, immediate delivery, carriage paid. Write for patterns, mentioning make and year.

BONTOP. A few slightly shop-soiled hood recovering sets available. State make, etc.

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COMPETITIVE policies by instalments without additional cost. All bonuses allowed. Ernest J. Bass, 40 Chancery Lane, W.C. Holborn 222-820

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DEFENCE, LTD., 40 King William St., E.C.4 (Mansion House 9944), for lowest rates payable by instalments. See page 4.

for lowest rates payable by installments. See page 4.

COMPARE these rates with what you are now paying; 8hp cars, £7; 8hn cars, £7 7s.; 10hp cars, £8 7s. (£100 value); Morris-Cowleys, £8 10s.; Morris-Oxford, £10. Write for prospectus to North and South Insurance Corporation, Ltd., Orleans House, Edmund St., Livernool.

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MARTLET high-efficiency pistons. Special sets, oversize, high ratio.

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BIRMINGHAM: Barimar, 116-117 Charles Henry St., Birmingham.

MANCHESTER: Barimar, 67 Brunswick St., Ardwick Green, Man-

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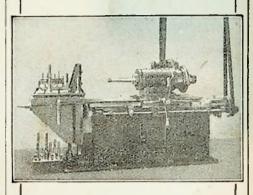
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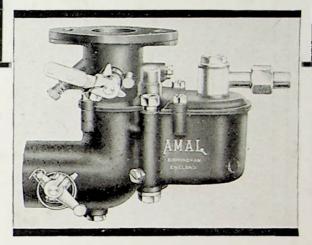
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