#  

COMPLETE REPORT of The 200-Mile RACE FIRST SHOW NUMBER
"PLEASURE
IN PENNIES."

STAND No. 211, OLYMPIA.
The AUSTIN NOTER CO. LId. LONGBRTDGE Fy,-BIRMITGHHAM. Landon: 4i9-483, OXFORD STEEET, wi.

## A NEW LIGHT TOURING MODEL

In view of the growing demand for a high-class light touring four-seater Humber, of a larger type than the $8 / 18 \mathrm{~h} . \mathrm{p}$. Humber, a $920 \mathrm{~h} . \mathrm{p}$. car has been introduced, and this entirely displaces the $8 / 18 \mathrm{~h} . \mathrm{p}$. model. The chassis is on somewhat similar lines to those of the model it supersedes, but it possesses a longer wheelbase and a wider track, the wheelbase being increased to 8 ft . 6 in . and the track to 4 ft .0 s in. The ground clearance of $8 \frac{1}{2}$ in. remains the same. The bore of the engine has been increased by two millimetres, so that the dimensions of the $9 / 20 \mathrm{~h} . \mathrm{p}$. engine are $58 \mathrm{~mm} . \times 100 \mathrm{~mm}$. ( 1056 c.c.). R.A.C. Rating $8.35 \mathrm{~h} . \mathrm{p}$. , the tax being $£ 9$.
The two last named will be on
View at Olympia, Oct. 9-17
STAND 213
We cordially invite you to inspect them.
Duniop T'yres Standarả.

## HUMBER LIMITED, COVENTRY.

LONDON-West End Showrooms : 94, New Bond Street, W.1. Export Branch Office: 32, Holborn Viaduct, E.C.1. Repair Works and Service Depot: Canterbury Road, Kilburn, N.W.6. Australasia: South British Building, O'Connell Street, Sydney, N.S.W.

> Intending Purchasers Iromabioad when visiting London are invited to call at our Export Branch Office 32. Holborn Viaduct. E.C.I, where they will obtain full information regarding shipment of models, etc., to all parts of the World.


# Britain's World-Record Breakers 



Capt. J. R. Duff with his companion established a new 24 Hours' Speed Record, Driving Capt. Duff's
 3-Litre Bentley Car using only Pratts at an average speed of 95 Miles Per Hour

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On Top in
Road Tests

ANCLO-AMERICAN OIL COMPANY. LTD. 36 QUEEN ANNEX CATE, LONDON, S.W.I.


## JOWETT Agents

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J O W ETT
Service

Our Representative at the
JOWETT STAND will give you full attention 1926 MODELS. IMMEDIATE DELIVERY.

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## Jowett

is always on view and reády for demonstration at our

PRESTON AGENTS

## TOXHAMS GARIGESTID

Telephone
No. 1288 (3 lines)
who specialise in
EXCHANGE DEALS and HIRE PURCHASE

100 Cars actually in Stock. New and Slightly Used.


Harrow-on-the Hill
Fo: Its Natural Beauty. Its Schcol, Its Eminence. JOWETT CARS

For Their Marvellous Vaice and Long Life. BUNTING'S Motor Exchange, MASON'S AVENUE, WEALDSTONE, For Straight Dealing, Efficient Service, and Easy Payment Terms.

Entrust your Jowett order with Bunting's and be more than satisfied. 'Phone: Harrow 193.

## Scottish Buyers

 Can Get Best Service For Cash, Exchange, or by DEFERRED PAYMENTS-at
## ALEXANDER'S



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## JOWETT CARS with service unequalled from <br> Sibson's Garage Wellington Street LEICESTER

MAIN DEALERS FOR DISTRICT.

BUY YOUR JOWETT from the firm that specialises in this REMARKABLE Car.

IT PAYS US TO SPECIALISEAND IT PAYS YOU, TOOI

OUR REPAIRS CHARGES ARE EXTREMELY REASONABLE.
(eg. Decarbonising $\mathrm{f} / \mathrm{l}$ only.)

## Hence:-

Buy the car that needs few repairs, from the firm that serves you well.

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NORTH RIDING HAULAGE CO., LTD., CLARENCE ST.

YORK.

## JOWETT CARS IN OXFORD

An inspection of these famous cars at our extenṣive showrooms will give you a wider choice of selection in the purchase of your car. :: ::

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689.
Wires :
Motors, Oxford.

## O. D. CARS, LIMITED, BELFAST.

 THE OLDEST IRISH AGENTS FOR JOWETT LIGHT CARS. We have fostered Jowett Sales in Belfast since the time when few people would credit the ability of a $7 \mathrm{~h} . \mathrm{p}$. to do more than an $119 \mathrm{~h} . \mathrm{p}$.This fact is freely acknowledged to-day. Then why buy a bigger car? Seven suffices.

OUR REPRESENTATIVE ON STAND 98 WILL BE PLEASED TO DESCRIBE ALL JOWETT FEATURES AND ARRANGE A DEMONSTRATION IMMEDIATELY YOU RETURN TO THE BELFAST DISTRICT, OR ANY OTHER PART OF N. IRELAND.


All models complete with double Screen, Balloons and Starter.
O. D. CARS, LIMITED, BELFAST.

## When visiting <br> Newcastle-on-Tyne

 see allJowett
Models at


NEW MARKET STREET, NEWCASTLE - ON - TYNE. Grams: " Mocar." 'Phone. Central 612.

IF FIRST COST, ECONOMY AND RELIABILITY ARE ESSENTIAL WE RECOMMEND JOWETT CARS.


THE
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166, GT. PORTLAND ST., W.1.
TELEPHONE ........................................................................................................ 6626
FFTER handling Jowett Cars for the past three years in the West End of London, look forward with enthusiasm to the 1926 season, knowing we have the finest car to offer-and the price is right. For Jowetts.

THE AUTOMOBILE SERVICE CO., LTD.

Service is $30 \%$ of our name, but $100 \%$ of our policy.

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All Models in Stock.


PRIVATE SALES ANYWHERE IN GREAT BRITAIN.

Exchanges and Deferred Payments

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FREE, Driving Lessons. After-Sale-Service.
(A Straight Deal is a GREAT DEAL) F.O.C.H. LID
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Make your choice a

Inexpensive to JCaintain. Ample Power for all Occasions. : : Simple to Handle. : : : : Sturdy Construction. : : :


All Models are equipped with Double Windscreen. Balloon Tyres, with Spare. Self-starter, Speedometer, Tool Kit, and All-weather Side Curtains on open cars.
EARLY DELIVERIES OF ALL MODELS.
Distributing Agents for Durham County and Lowestoft. Representative on Stand No. 98.

Ask for our TTMTSTMALSAY STREET,
 BISHOP AUCKLAND. 201. 178. Co. DURHAM. THE TRIANGLE
GARAGE, HIGH ST., 501, 400, LOWESTOFT.


## ARE YOU "ON THE MAP"?

IF you live on this map (or indeed anywhere nearer Birmingham than London) you should save your Olympia expenses by inspecting the new Jowett Models at Hyde's, the only place outside Olympia where you can see the full range of 1926 Jowetts.

TOURING.
See all the 1926 JOWETT MODELS at

## COMMERCIAL

2 -seater - £150
Light Four - £160
Full Four - $£ 167$
Saloon - £200

Traveller's Car on 2-seater chassis - $£ 155$
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# 18, John Bright Street, BIRMINGHAM. <br> Telephone: MIDLAND 793. 

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TO THE READER.-By mentioning "The Light Car and Cyclecar" when replying to advertisements, the progress of the small car movement will be assisted.

## SAXON JEFFERIS

 The Original Agents, guarantee delivery of
# Jowett Cars 

 FULL RANGE 1926 MODELS ACTUALLY IN STOCK Manchester253. DEANSGATE. Telephone: 4978 Central.

27, LOWER MOSLEY ST Telegrams: "Saxjefris."

| JOWETT <br> Cars. <br> All Models <br> in <br> Stock. $\qquad$ <br> Trial Runs | JOWETT Main Agents and Specialists JOWETT SERVICE STATION |  |
| :---: | :---: | :---: |
|  |  | 2-seater - $£ 150$ <br> Light 4-seater £160 <br> Full 4-seater £167 <br> Saloon - , £200 <br> Includes double windscreen, <br> s/starter and Balloon Tyres. <br> Detachable Saloon and Coupe Headsfrom $£ 15-15-0$ <br> Coupe Heads from \&15-15-0 |

Specialists for SALOON and COUPE DETACHABLE HEADS.
Sole Agents for HUNGERFORD EXTRA AIR VALVE, $10 / 6$ Post Free.
WESTMINSTER BRIDGE GARAGE and Engineering Co., Ltd.,

(On South Side of Westmingrer Bridge) Hop 5279 . Hop 5279.<br>5, Lambeth Palace Road, London, S.E.1.



## HENRY BUTCHER,Ltd. WELLINGBOROUGH ROAD, ABINGTON PARK, <br> NORTHAMPTON

Main Agents and Specialists for JOWETT CARS

| Latest Models | Trial Runs | Service After | Full Range |
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## JOTKTV THE FIRST LIGHT CAR AND STILL UNEQUALLED



Saloon 4-Seater - £200

## 4-Seater-£167

ALL MODELS COMPLETE WITH STARTERS AND BALLOON TYRES. You cannot motor for less than on a JOWETT.

STAND No. 44
EDINBURGH.

See them on Stand Number 44 at the SCOTTISH MOTOR EXHIBITION, Industrial Hall -_ Edinburgh.

STAND No.

EDINBURGH.

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## Light Car Owners

 are assured of easy starting, lower petrol consumption, lower running costs, higher power and increased all - round efficiency by fitting a
a special model or attachment of which is designed for practically every wellknown make of Light Car.

## Visit Stand 491

Olympia, Oct. 9-17
where the ZENITH is being practically demonstrated and where you can arrangeto have one on a month's trial

THE ZENITH CARBURETTER CO.. LTD. 40-44. Newman St., Oxford St., London, W.I.


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As has been concluvively proved by test on almait every tyne ol carengire by indivilMixure gives the genalent benefita o! all fuels including more power, grea er m.p.g., better hill-climbing. climina: tion of ynkng, weeler ru7ning and higher geacral - fficiency.

NATIONAL BENZOLE COMPANY LIMITED<br>Telephoae:<br>Victoria 911 $(6$ lient)<br>Wellington House, Buckingham Gate<br>LONDON, S.W. 1<br>Telegrams: Nahenzo. Sowest, London"

The small advertisement columns of "The Light Car and Cyclecar " form a unique mart for the


## worlds best motor spirit

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${ }^{T}$ HIS year cars will be chosen with greater discrimination than ever．Having purchased a thoroughly reliable car National Benzole Mixture is logically the only fuel to use to maintain its highest efficiency．When the purchase of the car is completed，call at the National Benzole Company＇s Stand and learn more of the finest fuel of modern times－the factor that governs the standard of your car＇s performance．


NATIONAL BENZOLE COMPANY<br>Telephone：Wellington House，Buckingbam Gate， Victoria 9116<br>（6 linea）



## It will pay you to meet me at OLYMPIA



## Here are Five Different Ways in which I can definitely help you:

Firstly. I am out to buy 500 used cars in part payment of new ones of any make. If therefore you have a used car to dispose of, be sure to see me or one of my salesmen if you want the highest price for it.
Secondly. I have again reduced 'Henlys Own' deferred payment charges. Financed entirely by Henlys, these terms enable you to purchase your car on the simplest and best plan yet introduced. Thirdly. I have just produced a remarkable little book entitled " How to Choose a Motor Car." It contains much valuable informaion and it is sent free to all who care to ask for it.
Fourthly. There is Henlys unique Service-After-Purchase. Including a free quarterly inspection of your car, it definitely ensures the utmost economy of upkeep.
Fifthly. I invite you to choose any make of car and benefit by my unique terms and facilities. Stands Nos. 101 and 147 (Alvis and Swift) are my headquarters at Olympia. Here you will always find a Henlys man willing and ready to discuss any subject or problem -it will cost you nothing to get his views -and it may save you much time andm ore money-look for the badge 'Henlys' on the lapel of the coat.

## That car you want-



## ALVIN STAND No. 101

Remodelled and reduced in price the new Avis has neither equal nor rivaling its class. Capable has neither equal nor rivalin its class. Capable
of $5 / 70$ miles per hour on top gear, it incorpor--
nates many remarkable patent features, and all models include overhead valve engines and 4 model include overhead valve engines and rance of bodies is available nod the prices range from $£ 485$ to $\$ 695$ for the magnificent Salon.
On no account miss the wonderful new Avis on Stand No. 101.

## SW IF T

STAND No. 147
The 10 hip. Swift has been greatly improved for 1926. It has more power, 4 -wheel braked sloping screen, and in the case of the 4-seater. aiding front seats. As before, it is upholstered in real leather and painted by hand, and tho price is only $£ 235$ for both 2 and 4 -eaters.
Thin new Swift will be one of the greatest centres of attraction at Olympia.

REMEMBER
Every Henlys' man at Olympia will wear a Henlys' badge on the lapel of his cont, and Henlys headquarters are Stands Nos. 101 or 147.

Telephone : Mayfair 4201 (Private Branch Exchange).
Super Garage and Service Depot - - 7-13, Upper Gloucester Place.

## Insist on this remarkable box

 See the

## Hampiton

## 12 h.p. MODELS TAX $\frac{12}{}$



WHEN REPLYING to adverlisements, mention "The Light Car and Cyclecar." It helps the

## G.W.K. Ltd. Cordwalles Works, Maidenhead (Motor Car Manufacturers since 1911)

## New 1926 Chummy Model £159 Complete



## Abbreviated Specification:

Engine-4-cyl., water-cooled, 10.8 Rating, 1,368 c.c.
Positive Gear Change four speed forward and reverse.
Wheels-Disc.
Tyres-Low pressure $27 \times 4.40$. Spare wheel and tyre.

Spring-Quarter elliptic, front and rear.
Light-Electric, three lamps.
Starter-Electric, C.A.V.
Body-2-seater, with occasional 2 -seater at rear, all-weather fittings. Red, grey or brown leather cloth outside finish and black inside.

## Family Car at a price below a Two-Seater

> New models can be inspected at The Brompton Engineering Co., 169, Fulham Road, London, S.W., during the Car Show.
" "mankumine
Stand 52
||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Trial runs arranged for any time during the 24 hours, including week-ends.

THE LIGIIT CAR AND CYCLECAR

## 22



## That's the situation in a nutshell!

Orders for early delivery are now being booked up. 1926 Models, completely equipped in every respect, can now be delivered in rotation fortnight after ordering. $: \quad: \quad: \quad$ Colour to choice.

WRITE OR CALL ATONCE.<br>ALL MODELS MAY BE VIEWED AT<br>25, HIGH ST., FULHAM, S.W. 6<br>Phone: Putney 1995


TO THE READER.-By mentioning "The Light Car and Cyclecar" when replying to advertisements, the progress of the small car movement will be assisted.

## LITTLE STORIES OF SATISFACTION



## "Im glad I got a Singer"

"So long, Bill, and mind you see everyihing. But dont forget my Singer experience when you're deciding- 9,000 miles in the last few weeks without the s'ightest mechanical fault or adjustment whatever.
"Petrol consumption works out at 35 m.p.g., and she'll cruise for ever with the speedometer at 35 . Nippy as a cat on hills, she's a sheer joy in trafic-but you saw that for yourrelf coming here. And whenever you ask her she'll beat $50 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. on a good road.
"But take my tip and don't go straight to the Singer Stand. Look at some of the other cars frot. and then compare the new Singer models at the Singer prices. That is the sort of test the Singer welcomes."
STAND 81 faces you as you enter Olympia

## SINGER

The Car that [ooks After Itself

## 1926 MODELS and PRICES

 (Inclacilng Four Wheal Brakes in every caae)| 10-26 H.P. SALOON | Ohter Moda': |
| :---: | :---: |
| Limounine Body fully | " De Luxe"' 2 -reater 2225 |
| and 6 windows. | " De Luxe" 4-nealer 2225 |
|  | lllustrated catelogue and full soocification sent on requeti. |

SINGER \& CO., LTD., COVENTRY London Shourrooms: 202 GREAT PORTLAND STREET, W.I.


## ANNOUNCEMENT

(2)HE Standard Motor Co., Ltd., will continue to manufacture the 11 h. .p. range of machines which have been so eminently successful during the last three years. In addition, however, to vastly improved coachwork, equipment has been considerably added to and each machine will now be fitted with every accessory making for the comfort and convenience of the user. A choice of fawn, blue or crimson paintwork is offered with each machine. Excellence of finish and detail will be an outstanding feature. Prices as indicated below are considerably less than those of last year's models which they supersede.

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11 \text { h.p. Models : }
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## OLYMPIA, STAND 106

## Standard

The Standard Motor Co. Ltd. Coventry. London Saowrooms: 49, Yall Mall, S.W.I.<br>Asenti exerywher:.


" COUNT : THEM , ON : THE * ROAD"


## WE ARE NOT EXHIBITING AT

 THE MOTOR SHOWBUT CORDIALLY INVITE YOU TO CUR SHOWROOMS : 84, FORE ST. (Facing Basinghall St.)

## TAYLORS

49,50, 52 \& 53, SUSSEX PLACE, SOUTH KENSINGTON, S.W. 7 cone hundred yamde proy south kengington station.
There innoneed toditurb your capital $f$, ou purshase upon our liberal
"ALL-IN" Policy Terms,
which includes Insurance, and any additionsl Accemorien requi. ed Here is an emample which showa clearly how simply our plan operatea.

| 7 h.p. AUSTIN ${ }_{\text {Fuli Insutance Policy }}$ | 5149 7 |  |
| :---: | :---: | :---: |
| Deponis of $1 /$ Sth total (approx.) | $5156$ | $\begin{gathered} 0 \\ 40 \end{gathered}$ |
| Interest on Bolance only | E124 6 | 160 410 |
| Total Belance | इ131 | 010 |

We are official contracting Agents for all the most popular makes-including

## AUSTIN STANDARD CITROEN JOWETT ROVER SINGER

 ANY MAKE SUPPLIEDA postcard request will bring you our Buyers' Guide showing our methods of business trading.


## 1925 BARGAINS

A sood selection of 1925 demonstration cars in atock and altractively priced. Our terme are right, our pricen are, right, our

## EXCHANGES

Liberal allowances made for cars or motorcycles taken in part exchange or accepted as a deposit.
TAYLORS for A.J.S. WIRELESS OUTFITS Call and listen in at our showr ooms-you will be amazed at the Wonderful resulte from A.J.S. Seta. Prices to aut all pursea.
H. TAYLOR \& Co., Ltd.
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EASIER THAN EVER TO FIT.
Ask for particulars from your Garage, or from: JOHN LECKIE \& CO., LTD., GOODALL STREET, WALSALL.

## LONDON,

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THE GAITER THAT<br>EXCELS ALL OTHERS.

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TVERY recent development in motor car C construction and motoring is dealt with in this new edition of "The Notor Manual." It has been largely re-written. completely revised, re-illustrated and brought up to date and contains a very large amount of new and practical information.
It is an indispensable handbook for every motorist who wishes to understand his car from $A$ to $Z$, and how to maintain it in completely efficient condition.

## TEMPLE PRESS LTD.,

7-15, Rosebery Avenue, London, E.C.1. Wholesale Agents : E. J. Larby. Ltd., 30, Patemnoter Row, E.C.4.

## Something new to see at the Show

A new $10 \mathrm{~h} . \mathrm{p}$. , not the old model improved with additions and gadgets, but an entire new model based on our 57 years' experience, incorporating fourwheel brakes, spoke wheels and unit construction of engine.
No motorist who has any regard for his security, his freedom from trouble, his ability to hold his own on the road, should fail to examine these new models which will be on view at Olympia, Oct. 9-17th, on Stand 149 and afterwards at our London Showrooms.

1926 PRICES.<br>10 h.p. 2-3 seater - £235<br>10 h.p. 4 -seater - - £235<br>SWIFT OF COVENTRY LTD., COVENTRY.<br>London Showruana, Rapair and Servica Depol:<br>134-5, Long Acre, V.Ci? (one minute fron Leicester Square This Station).<br>\title{ OLYMPIA, STAND NUMBER 149 }

## DO NOT FAIL TO SEE

The "Barnett" Universal Sparking Plug Terminal The Adaptable "Ezyemptier" "Bonniksen" Time-Speedmeter and Speedometers


## "Morris" Slow-Running Indicator

TOGETHER WITH A FULL RANGE OF HIGH-CLASS MOTOR FITTINGS AS STANDARDISED BY THE LEADING MANUFACTURERS OF THE COUNTRY

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\text { ат STAND } 474
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THE " BONNIKSEN". TIME.
ROTHERHAM \& SONS, LTD., COVENTRY.


## A CAR FINISH YOU CAN'T SOIL OR SCRATCH

with ordinary wear and tear, neither can tar, mud or inclement weather injure it in any way. Time does not injuriously affect it-in fact, it improves with age. It is wonderful! You must make a point of seeing it.


Winning for the

## FOURTH YEAR IN SUCCESSION

AND FINISHING


IN THE 1,500 c.c. CLASS!!
AGAINST THE WORLD'S FASTEST LIGHT CARS
Make sure you call at Olympia, Stand 219

Sole London Distributors:
31, Brook Street, Bond Street, W.1.


PART EXCHANGE HOUSE


## -CARS OF HIGH PERFORMANCE QUITE UNEQUALLED AT THEIR PRICE

## 1926 MODELS.

12/25 H.P. two-seater STANDARD MODEL .. £235
12/35 H.P. two-seater FAST TOURING
£265
12/45 H.P. two-seater SPORTS MODEL
.. £295


We are not exhibiting at Olympia since our 1926 Models embody only detail improvements, and because it is impossible to demonstrate there the outstandingly high performance which is their principal characteristic. A demonstration can be arranged anywhere in London, at a few minutes notice, by telephoning to our works (Battersea 33), and cars can be seen at the Showrooms of our London Agents, Black \& Finch, Ltd., 222, Great Portland Street, W.I.

## SPARES FOR ALL MODELS-USED G.N's OF ALL TYPES

G.N. LTD., EAST HILL, WANDSWORTH, S.W.18.

## The Motoring Sensation of the Year!



## ENTIRELY NEW

## 13 н.p. CLYNO

$A^{s}$S the outcome of the unprecedented success of the world-famous 11 h.p. CLYNO, the Clyno Engineering Company have introduced a remarkably attractive, more powerful and entirely new car which is offered at the following extremely modest prices:-

| 13 h.p. 2-Seater | 45 |
| :---: | :---: |
| 13 h.p. 4-Seater | O |
| 13 h.p. Coupe (drop fixed head) | or ${ }^{\text {or }}$ ¢ 285 |
| $13 \mathrm{~h} . \mathrm{p}$. Saloon (4-door) | $\Sigma 298$ |
| Chas | : 10s. |

The coachwork in deep maroon, with leather upholstery to match, is exceptionally pleasing in appearance, while every feature which has contributed to the unparalleled success of the 11 h.p. CLYNO-notably the extraordinarily light steering, easy gear changing, and wonderful suspensionis retained.

## CLYNO PRICES AGAIN REDUCED on 11 h.p. Models.

C INCE the last reduction announced on Sept. lst, it has been decided to increase the production of 11 b.p. Models for the 1926 Season and to give the public the benefit in the shape of still further price reductions:-

CLYNO PRICES 1925-26.
1925 lat Sept. 1925 New Price.
11 h.p. Royal 2-Seater $£ 225 \quad £ 220$ £2 10
11 h.p. Royal 4-Seater £235 £230 $£ 215$
11 h.p. 4-Door Saloon £27j £265 £245
(The prices of the 2-Seater, Occasional Four, and 4-Seater remain as belore.)
All above models include many refinements hitherto associated only with cars of considerably higher price.

The CLYNO ENGINEERING Co. (1922), Ltd. WOLVERHAMPTON.
STAND
99
OLYMPIA

ROOTES LIMITED
London Showrooms and Export Depl:
Clyno Seroice Depot:
LODGE PLACE, ST. JOHN'S WOOD ROAD, N.W.8. MANCHESTER: LOOKERS, LIMITED.

| STAND |
| :---: |
| 99 |
| OLYMPIA |

## CASH REFUND

Inquire of any authorised CLYNO Agent re Cash refund of difference between the $11 \mathrm{~h} . \mathrm{p}$. prices announced September 1st and date of this announcement.


## $\mathbb{N E X T} \mathbb{F} \mathbb{I D} \mathbb{A}-\mathbb{D C T}$. 9th

A comprehensive guide to all the Small Car Exhibits, and to the Accessories and Equipment likely to be of interest to the small car owner.
A large plan of the show will be included in this issue, together with many special articles by authoritative writers and all the usual features. The number will appear in a special cover in full colour.

3rd SHOW No.-Friday, Oct. 16th The Report Number. Containing many clearly written articles describing the various new features of the small car exhibits and tendencies in design. Engines, transmission, equipment, suspension, coachwork and accessories will be fully dealt with. The articles will be written on the spot and illustrated throughout.
'To avoid disappointment place a definite order with your newsagent now.

PRICE AS USUAL $3^{D}$

Offices: 7-15, ROSEBERY AVENUE, LONDON, E.C. 1


WHEN REPLYING to adverlisements, mention "The Light Car and Cyclecar." It helps the


TO obtain the highest possible allowance for ycur old car in part payment for a new or other second-hand model, simply sendus your written description of it and state the new model required, when we will make you a CUARANTEED DEF INITE exchange proposition by post to include FREE DELIVERY and COLLECTION to any address in the United

Kingdom. If you do not use your car in the winter we will pay you cash for it now and supply your new one in the Spring or when required. Our Deferred Payment facilities (controlled entirely by us) are fully described, together with other money saving arrangements, in our brochure, "Cars of Repute," a free copy of which we shall be happy to send you on request.

OUR LIST OF SHOP-SOILED, DEMONSTRATION AND USED CARS WOULD INTEREST YOU.


Telegrams:
" Newmoco, Hammer, London."

ESTABLISHED OVER 30 YEARS.

READERS, NOTE.-lt assists the small car movement and the adverliser, and ensures you prompl altcnlion, to mention "The Light Car and Cyclecar" in your enquiries.

Telephore: Riverside 31613 lines).

So states an Owner-Driver of the 12-40 Super Sports ABC.


12-40 H.P. ABC. "SUPER SPURTS."

## £275.

## WARD \& Co.,

 51, Upper Richmond Rd., Putney - - S.W.15. PUTNEY: 2818-2819.Several Second-hand ABC. Cars in Stock. Specialists in Exchange and Deferred Payments

[^2]
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The small advertisement columns of "The Light Car and Cyclecar" form a unique mart for the disposal of all goods of interest to small car users. -


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 anticipation of your visit to the Show. For on Stand 211, from October 9th to 17 th, you will be able to see "easily, the best small car in the world," and learn from Austin experts exactly how and why the Austin Seven so far outstrips all rivals. If reliability, speed, comfort and economical running are your aim, and you seek to secure them at the smallest possible initial costwell, ask any owner of an Austin Seven. They're all enthusiasts.
J.C.C. 200 Miles.

Broohlands. Sept. 26th, 1925. The Austin Seven Special finished 1st, 2nd and 3rd in the 750 c.c. class, and, with an average speed of over 61 m.p.h., put up a very mentorious performance as compared with cars of much greater capacity in the other classes.

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$\mathbb{F I R} \mathbb{R}$ SPECIAL SHOW $\mathbb{N U M} \mathbb{B} E R$.


WWi: make no apology for addressing a few words of welcome to the great number of new friends which we shall make with this issueour first 1925 Olympia Show Number. The Light C'ar and C'yclecar enjoss the unique position of being the ouly jommal in the world which caters exclusively for owners of light cars, the definition of which, as accepted by us and the leading motoring bodies, centres in a maximum engine capacity of $1, \overline{5} 00$ c.c., that is. $1 \frac{1}{2}$ litres. The guide to light cars and cyclecars of 1026, which is a prominent feature of this issue, reveals at a glance the field which we cover, and that it is an ever-increasing field is obvious not only from the purely numerical aspect, but from the vast amount of interest which is being taken in economical motoring. Our aim week by week is to keep our readers au fait with everything of importance in the small car world, and No. 671. Vol. XXV1.

## TO NEW READERS.

A few words about the only journal in the world devoted solely to the interests of small car owners.
with due modesty we may justly claim to have achiered that object for more than a dozen years. Al prospective as well as present owners of small cars should become regular subscribers, to The I,ight Car and Cyclecar. The first-named, if they study our pages, receive invaluable help and guidance in making their choice of a car. whilst the latter, if they follow the practical adrice which we publish on touring. maintenauce, tuning and driving, are able to extract the very best service from their cars and the umost pleasure from their motoring. This issue is the first of our Special Show Numbers, and it also contains a graphic report of the ? $00-$ Mile Race. Readers will find that our two outstanding features-the race report and the guide to 1026 small cars-are dealt with accurately. comprehensively and concisely, whilst none of our nsual feamures have been omitted.

## Put Back the Clocks.

Summer Time ends, for all practical purposes, 10 -morrow (Snturday) night, when clocks should be put back one hour.

The 200-Mile Race.

Under practically idenl weather conditions nnd in the presence of a record crowd the fifth annual 200 . Mile Race was run off at Brooklands on Saturday last. The Darracgs were successful in obtaining first and second places in the general classification, but the unexpected retirement of the third Darracq. driven by Conelli, in the first lan, caused a sensation. A fully illustrated report appears elsewhere in this issue.

## The Hour Record.

Taking pride of place in the photograph on this page of the awards won by $A$. C.s is The Light Car and Cyclecar Hour Record Challenge Cup. In former vears there has always existed the possibility of its clanging hands, as it were, during the $200-\mathrm{Mile}$ Rnce, but this year the inclusion of hair-pin hends in the circuit precluded it. There is, however, every possibility that the present holders will be challenged within the next few weeks.

## This Week.

As in former yeurs we have endeavoured in this issue to prepare the way for the man or woman who intends to risit the Show by including very carcfully prepared snecifications of every light car and cyclecar on the British market, irrespective of whether they will be on view, individually, at Olympia or not. Readers should file this copy after perusing it; as a means of reference it will prove invaluable for several months.


THE "HOUR RECORD" CUP.
A season's trophies won by A.C.a. In the centre is The Light Car and Cyclecar Challenge Cup for the Hour Record.

## ON OTHER PAGES

```
To New Readers
Cyclecar Comments 
"Close-np"Mudgnards
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The 200-Mile Race
    (Exclusive Report, Photograph
    and Sketches)
    (Detsil Specification
    Our Readers' Opinions
LIGETING-UP TIMFS (Rear Iamps) for Saturday, October 3, 1925. London.. - 7.3 Edinburgh 7.13 Newcastle -.- 7.7 Lirerpool ... 7.14 Birmingham 7.9 Bristol ... 7.13 On and after October ith lighting-up times will be one hour earlier, owing to the retura to "Winter" - i.c.
Greenwich time.
```


## Entertaining 6,000 Children.

Under the National Children's Day movement no fewer than 6,000 children will be entertained by motorists. Further details appear under Club Items.

## After the Race.

Motorists leaving Brooklands rin Cobham on Saturday evening last after the 200 -Mile Race became nware-some in a very interested, others in a disinterested, manner-of a police trap which was in operation along "the switchback." Incidentally, this stretch is becoming a farourite with the police.


LIGHT CAR LIMERICKS.--No. 40.
Wailed Norman, addressing the Moon, "If I don't find a passenger soon I shall take to strong drink." Said the Moon, "I don't think-

Readers
Readers are invited to supply the missing fifthline. Only post-cards addressed to the Editor and marked "Limerick No. 40 " will be considered. A prize of One Guinea is offered for the most apt and original fifth line. If two or more such lines are received the prize will go to the sender of the first to be judged. No judging will be done before next
Tuesday. For resulf of No. 39, see thls week's Tuesday. For result of No. 39, see this week's

Parking Cars Near Olympia.
The ustal facilities for parking cars near Olympia will be provided during the Show. This year authorized attendants will be in charge of the various car parks.

## Stand No. 243.

The Light Car and Cyclecar stand at Olympia will be No. 243. Copies of this journal and other Temple leress weelly publications will be on sale, together with :s selection of useful bandbooks for motorists.

## Illuminated Signposts.

In the efiective regulation of traffic Birminghan hids fair to lead the way. Following whiteccoated and white-helmeted policemen, "illuminated" signnosts are makins their appearance. These, as can be secn by an accompanying whotograph. reflect the light of the bean of a headlamp and show up as though they were illuminated from behind.


## THE SIGN BY NIGHT

Night driving has been made easier by the new self-illuminating signposts which Birmingham is adopting.

## Next Week.

Our second Show Number, dated October 9th, will be obtainable at Olympia and will form a complete guide to the small car exhibits, stand to stand details of the netual models on view being included. This issue will also contain a ground-floor plan of the great exhibition halls in which the light car stands plainly will be identified. Accessories of 1926 will be deseribed and illustrated, and, of course, a number of special articles will make their appearance. The price will be thretpence, as usual, but readers should order their copies in adrance so as to avoid disappointment.

## Coroner and Great W'est 「oad.

Mr. I: Kemp, the Isleworth eoroner. is pressing for an investigation into the canse of the many aceidents which are taking ulace on the Great West Iiond.

## Hampstead on a Fine Day

Motorists are being attracted in inereasing numbers to the Horse lond on Himpstead Heath on fine Sunday afternoons. The smooth sheet of water is surrounded by ears, which are used by owners and passengers as dressecircle sents, as it were, from which to riew the model-yacht activities of the younger gencration.

## Champion of Erooklands.

Ibefore the start of the 20)-Nile liace lanst Siturday, J. G. P. Thomas was bresented with the 'T. B. Andre linooklands Championship Trophy, ior having won the largest number of races at the track during the 1925 season. Most al 'Thomas's wins were in his Leyland. but the 1,500 c.c. Thomas Special scored a mumber of victories.


Mr. J. G. P. Thomas (right), with Mir. T. B. Andre (!eft). Thomas has won the Andre Championship trophy for 1925.

## A Brooklands Mee ing..

There must be hundreds of provincial cnthusiasts who are "up in town" for the Show and who have never attended a Brooklands race mecting. The opporlunity presents itself to-morrow, when the Essex Motor Club's event takes place. An interesting race will be the 50 -Mile ILandicap.

## First Show Number of "The Motor."

Many interesting new cars to be seen at Olympin, which do not come within the scope of this journal, are described and illustrated in the first special Show Number of The Motor, which is now on sale. This is a greally enlarged issuc and contains a number of important special articles by suthoritative writers. Among these appears a contribution by Sir Gearge Peharrell on the rubber situation, while Mr. W. Rees Jeffreys writes on the topic of radiner the Road Fund.

Short Cuts to Clympia.
All roads lead to Olympia on Friday next, but do not formet that there are obvious short ruts which save tirne, tyres and temper. In the meantime the A.A. will give full directions to those in doubt.

## Dangerous Eastbourne Road.

larticular care shonld be exercised on the Bastbourne road between Llindley Mearh and New Chapel cross-roads. It is said that it is almost impossible to stecr a car safely when the surface is wet, and accidents, in consequence, are frequent.

## A Question in Geography.

W'ill the secretary of the Junior Car Club kinlly inform us, writes a J.C.C. member, how a spot approximately 30 miles west of London, Aston-Clinton, to


Injure 1 in the " 200 ," H. W. Coo's (left) with inis mechanic, Harris, who was taken to Weybridge Cottage Hospital, but was well enough to leave on Monday.
wit, can be described as "north of London "? Forty-two miles by read from London, can it be regarder as having any connection at all with the Mctropolis? As the venue for a gymkhana and dance intended to appeal primarily to North London members, it surely would have been difticult to discover any spot more unlikely to attract them.

## Bugatti Price Reductions.

The $11.9 \mathrm{~h} . \mathrm{p}$. four-cylinder modified Brescia touring type Bugatti chassis, equipued with the latest type fourwheel brakes, has been reduced in price frour $£ 365$ to $£ 320$. The chassis is fully equipned, including electric lighting and starting set. lamps, spare wheel and tool kit and is available in three lengths of wheelbose. A similar chassis, with the hand brake acting on the rear wheels, the foot brake on the transmission and no front-wheel brakes is listed at $£ 290$, while the Brescia sports model has been reduced from $£ 420$ to $£ 355$, or $£ 325$ without frontWheel brakes. Complete two or threcseater Pugatti cars with f.w.b. have been reduced from $£ 520$ to $£ 440$, or $£ 410$ without- f.w.b. The latest complete four-seater with f.w.b. costs $f \pm 70$, and without f.w.b. f440. A Feymann saloon is now available at $£ 650$.

> NEXT WEEK :
> THE LIGHT CAR OWNER'S GUIDE TO THE SHOW. Greatly Enlarged.
> Out on Friday _-_Price 3d.

## Increase in Touring.

Figures supplied by the A.A. show that motor touring in Great Britnin has increased this year by near!y $\overline{0} 0$ per cent. over last year. The aggregate mileage of itineraries supplied by the A.A. Touring Department for the four summer months this year was 76 million.


Lt. Grey (left) and his meshanic, Fares, both of whom were seriously injured in the "200." They are making good progress towards recovery.

Freach Rough-road Face.
This year the Circuit des Rontes P'urese attracted 44 entries, the course including some very bad road surfaces. The $1,5(6)$ c.c. category was won by Ballard (Licorne), the 1,100 c.e. catesory by Dore (Sénéchal).

## The Rubber Situation.

Quoting a New Fork authority, the Board of Trade Journal says: " Dependence of the United States upen foreign sources of supply has araiu been emphasized by the advance in the mice of rubber. Investigations have been made into the rubber-producing possibilities of the Philippines and at bome, while land has been leased from the Liberian Government for the burpose."

## Carrying a Dog.

A Huntingdonsbire reader sends in a solution to the dog query propounded recently by a correspondent. He says that a dog can be carried in safety in a car if it is tied up in a specially made sack of some soft cloth, only its head being left free. He has tried this with success. After its first manifestations of annoyance the animal settles down quite comfortably, and, in the particular case which he quotes, falls fast aslecp.

## Injured in the 203-Mile Race.

The accident to Cook's Aston-Martin resulted in a very lucky escape for the driver. Eis mechanic suffered from shock and superficial injuries, and was able to leave hospital on Monday. Lieut. Grey and his mechanic, J. Pares, were not so fortunate when their Austin overturned. and up to Tuesday the condition of Pares was very critical. Inquiries at Weybridge Cottage Hospital on Wednesdny, however, elicited the good news that there is a marked improvement in both patients. We feel sure our readers will join us in wishing them a speedy recovery.


ONE of the questions which I am asked most frequently by correspondents is how to use motorcycle road wheels for home-built cyclecars. In the case of the back wheel of a three-wheeler-if it happens to be one of the lighter order-there is, of course, no particular difficulty, but for four-wheelers or for the front whecls of three-wheelers, where, of course, the axle can be supported on only one side, motorcycle wheels are seldom of any use.

There is one type, however, which can be conrerted so as to make it suitable. I refer to the variety which is used on motorcycles with knock-out spindles. Wheels of this kind bave a hollow shell, through which the knock-out spindle passes, and if this shell is removed it will be found that the bearing will accommodate quite a stout stub-axle spindle.

In my view, however, instead of making alterations to motorcycle wheels, it is a sounder plan to buy wheels specially built for cyclecar use. whilst ordinary light-car wheels are quite successful, except in the case of the very lightest type of cyclecar.

I mentioned last week that a particularly interesting three-wheeler is on the British market, but, unfortunately, it was not to be seen at Olympia. This machine is the Stanhope, a photograph of which was published in The Light Car and Cyclecar dated September 18th. This three-wheeler has the-to-day-unusual feature of having one wheel in front and two behind, but it differs from its most distinguished ancestor-the Wall tri-carriage-in that it is the front wheel and not those at the rear which is driven.

The Wall tri-carriage in the days before the war was a distinctly popular cyclecar, whilst it was reliable and reasonably speedy. Its principal drawback was that the transmission was on pukka light-car lines, which naturally made the vehicle rather too expensive.

B10

With modern methods of produc tion, however, it should he possible to turn out a cyelecar on the lines of the Wall at a price which would allow it to compete with the other three-wheclers on the market, particularly as steering and front suspension may be effected with the aid of a motorcycle spring fork unit, which is much less costly than a car-type axle and which also gives very good results both from the moint of riew of steering and comfort.

The original Wall threc-wheelers were steered by a long tiller extending from the steering head to the driving seat, but this, in my experience, had a tendency to "waggle," whilst, owing to its length, a very big movement of the lever was necessary to negotiate a sharp bend. A worm gear with a horizontal steering column and vertical wheel would be more in keeping with present-day ideas, whilst its cost would not be in any way prohibitive.

I have dwelt at some length on the subject of three-wheelers with two wheels behind and one in front deliberately, because the principle is peculiarly adaptable to home construction. With a light car back axle and torque tube, an engine, a gearbox and a motorcycle front lork, any amateur mechanic with reasonable skill can build up a roadworthy cyclecar of this type with much less trouble than if he attempts the more ambitious fourwheeler or the more conventional three-wheeler with two wheels in front and one behind.

A friend of mine who is the enthusiastic owner of an Aero Morgan was troubled recently with severe clutch slip, which adjustment of the springs would not cure.

Complete clutch overhaul, therefore, was indicated, and, on dismantling, it was found that an excess of lubricant on the cone and in the flywheel was the cause of the slip. The oil had, of course, been
thrown off the elutch thrust and spigot races which had heen lubricated too frequently and too freely

In my experience a few drops of thick oil on the races every 50 miles or so is enough, but I think it would be an advantage if the thrust race could be shronded in some manner. This would keep nut dint and prevent excess oil from being thrown by centrifugal force on 10 the clutch lining.
In my friend's case the lining was worn rather badly: due, no doubt, to slip, and several of the screw3 which secure it to the cone were missing, although how they could have got out is something of a mystery.

Personally, and with all due respect to Mr. Morgan, I prefer to have a clutch lining secured with aluminium rivets. If these have the correct type of head, it is not necessary to cut the fabric with a countersink drill
Furthermore, should the rivet heads come into contact with the flywheel cone, they will not set up chatter or fierceness, and as th taper of the heads is about equa to the thickness of the fabric, it will be obvious that they will retain their hold until the fabric is worn out.

The clutch on my friend's car has been treated in this way, the tapped holes in the bronze clutch ring being opened out to take the rivet shanks. On reassembly and adjustment it was found that the clutch was once more capable of transmitting the full power of the Blackburne engine.

There is a point in connection with the Morgan clutch adjustment whioh is well worth bearing in mind. If the nuts which control the tension of the clutch springs are screwed up too tightly, an ur. due pressure will be put upon the thrust races when the clutch is withdrawn and rapid wear is inevitable. Therefore never compress the springs more than is absolutely necessary to transmit the drive efficiently.

## GETTING A SHOW STAND READY.



Few visitors to Olympia realize the excitement and turmoil which prevail during the few days before the Show opens. The artist has tried to depict the scene which greeted him when he arrived at a stand last year to make

## HOW THE LIGHT CAR SCORES.

## UPKEEP COSTS AND INCIDENTAL EXPENSES FOR LIGHT CARS ARE CONSIDERABLY LOWER THAN THOSE OF LARGER VEHICLES. THIS ARTICLE EXPLAINS WHY.

T10 those of moderate means there is always the question, "Shall I buy a light car, or a bigger one, the first cost of which comes within my price limit?" The purchase price is not everything by a very long way; the annual motoring expenditure is the real pith of the matter, and it is on this count that the light car scores. That the small car is cheaper to run than the highernowered vehicle there is no donbt, but the reasons for its economy are not always fully understood.

Running costs naturally loom largest in the eyes of the user, nud it is the individual items comprising them, namely, sums in respect of fuel, oil, tyres and maintenance, which merit attention in the first place.


## Weight is the principal factor in hill-climbing: the lighter the car the less power required, hence a smaller quantity of fuel is used and the owner has a comparatively small bill to meet.

The quantity of fuel required depends upon the work the engine las to do, and the factors which affect this work are wind, road surfuces and bills. Dealing with wind first, this resistance increases as the square of the speed, not, as is so often imagined, in direct proportion to the rise in velocity. The light car scores in this direction as its overall width and height are much less than those of its price rirals among larger cars. It thus requires lexs fuel to enable the engine to propel the car against the resistance of the air.

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Road surfaces and hills may be taken together, as the question of weight is of vital moment in connection with each of them. On gooc nsphalt roads the resistance to movement of the rehicle is about 15 lb . per ton, whereas a bad surface of the same material causes a force of 29 lb . to be required to propel every ton weight of the rehicle. Ordinary macadiam has a figure of 50 ld . to 60 lb ., whilst sand roads range from 360 lb . to $\overline{\mathrm{J}} 60 \mathrm{lb}$. per ton of car weight. Thus it cau be gathered that the weight of a car has a very decided effect upon its performance and running costs so far as fuel is concerned. This type of resistance naturally operates in a varying degree all the time the car is ruming.
which is necessary in this case to surmount the gradient. Now, if a 2 -ton car tacktes the same hill, its engine must prothece 780 lb . tractive effort for the sathe job.

Having get the comparative eflorts requirel, the next step is to follow the course of reasoning to ascertain the necessary horsepowers and the desired quantities of fuel. The lishter velicle needs 15 h.p. to climb at 12 m.p.h., whereas the 2 -ton cal must have an engine giving 33 h.p. to achieve the same speed on a hill of 1 in 7.

## Fuel Comparisons.

If both cars are using fuel cont taining $138,1(11)$ I3.Th.U's ner gallon, oc 19,000 B.'Th.U's per llo., we can compare the respective quantities re quired if the consumption rate is the usual figure of $.55 \mathrm{1H}$. per horse-power-hour in each case.

Climuing a hill of 1 in 7 at 12 m.p.h. will take five minutes if it is one mile in longlh. The 1 -ton car will develop 18 h.p. for five minutes, which equals 1: horse-power-hours and needs.$\$ 25 \mathrm{ll}$. of fuel or 15,675 B.Th.U's. The fuantily of fuel varies according to the quality, but the number of IB.Th.T's has been chosen as an average

On the same gradient and doing the same speed, the 2 -ton velicle has an engine which gives 33 h.p. at the same speed for five minutes, equalling 27 horse-power-hours. The required tamount of fuel for this power output is 1.5125 lh ., or 28.737 13.Th.E's. Thus it will be seen that the consumption of the smaller car is very little over halt that of the larger one, and the two cars maintain the same speed up the hill. In a like manner a car of 1 c cwt. will need less pet rol than the 1 ton model.

The oil used for engine lubrication is one of the smallest items to be met, as the modern light car does about $1.000 \mathrm{~m} . \mathrm{p} . \mathrm{g}$. in the ordinary way. The total area of working surfaces in the light-car engine is smaller than that in the nower unit of a bigger car, consequently the amount of lubricant necessary for maintaining adequate oil films will be less.

## Cheap Tyres.

Tyres form a consideralble part of the total ruming costs, and the light-car user is fortunate as the price of each cover is very much less for, say, 710 mm . by 90 mm . rims than for the 815 mm . by 105 mm . or larger size rims filted to the more cumbersome vehicles. Tow-pressure sizes compare in a similar manner as regards cost, and the rate of wear

Hills are the principal factors ugainst which the engine must contend, and the importance of a car carrying no needless weight is emphasized by the fact that on a hill of 1 in 10 onetenth of the weight of the londed vehicle is tending to pusis it backwards.

Assuming road resistance to be 50 lb . per ton, that is, on an ordinary macadam road, and taking a lill of 1 in 7 as an example, the engine of a (atr weighing 1 ton must develop a tractive effort of 400 lb . Roughly speaking, tractive effort may he defined as the total driving force,

HOW THE: LIGITT C'AR SCOORE'S' (contel.).
is approximately the same for large atud small sizes by reason of the proportionate weight of the velicles.
Maincenance is a broad heading and includes all repairs, small running supplies such as grease, spare burts, replacements and repainting.
small car sells freely when it comes to the time for disposal, but it is more difficult to get rid of higherpowerd cars, therefore, the depreciation on the latter is generally more serious.

Incidental expenses are frequently forgotten and, in connection with them, the light-car user finds himself much better off than the man


Stording charges are items which have to be paid irrespective of the use which is made of the car. The light car scores on account of its low initial cost, modest power rating and dimensions.

As a rule cars of, say, $20 \mathrm{~h} . \mathrm{p}$. gonerally involve hills some 25 per rent. greater than those charged for a 10 h.p. car for the same work, and the smaller parts used on the Jight car are much cheaper than those of its bigger brother.

## Inexpensive Garage.

Next, we turn to the items termed standing charges, which comprise garage, licences, insurance, depreciation and loss of interest. liunning costs depend upon mileage, that is, work, but standing charges have to be met irrespective of the use of the car. The light car can lw garaged guite cheaply; even in some of the expensive London districts a charge of only 7 s . 6 d . a week is made for a small four-seater. whilst big cars, by reason of their size, cost 15 s . a week or more.

## Licences and Insurance.

Licences at the rate of $i 1$ per horse-power obviously show a very marked balance in favour of the light car, and insurance follows suit, the premiums being based on horse-power and ralue, both of which are less in the case of the popular small chassis.

Depreciation and loss of interest on capital, that is, the purchase price of the car, are much smaller than the sums which the large-car owner has to meet owing to the greater initial outlay. The modern
whose car runs him into bills on account of its opulent appearance. When pulling un at restaurants, hotels or garages the owner of a large car is put down as a man of

From the foregoing it can be gathered that the wisest course for a purchaser is to buy the type of car which he can honestly afford to run. It is folly to get the largest vehicle which the available capital will buy. Keep a reserve in hand and motoring will be a pleasure, as there will hes no fear of an unexpected bill finding one without proper funds to meet it, as may be the case if a car is swallowing up a large amount in the direction of running costs and standing charges.

Those who have n o experience of modern small cars sometimes try to persuade their friends that a light car offers cramped accommodation for passengers. That this is incorrect can best be proved by a trial jun; even four-seater saloons of under $10 \mathrm{~h} . \mathrm{p}$. can offer plenty of legruom and headroom for four $6-\mathrm{ft}$. occupants.

## Judging Performance.

Low power is urged by some as a reason for porr performance. The real factor in this connection is not cilly power but power and weight combined. A car with an engine developing 40 h.p. and weighinir 30) cwt. obviously has 1t h.p. per cwt., whereas a light car with an engine giving $30 \mathrm{~h} . \mathrm{p}$. and weighing 1.) cwt. has 2 h.p. per cwt. Speed and hill-climbing capacity favour the car with the greater power per cwt.; engine power alone is no criterion of performance.

Whether it he on the count of eronomy, reliability, comfort or speed, the modern light car, by which is meant one hatving an en-


Tyres are a costly item, but the light car scores by reasos of its low weight and cossequent long tyre life. Oil and mainienance costs both show marked balance in favour of the amalier car.
means by the staff, and up go the bills accordingly, but the motorist whose method of transport is of the coonomical and popular type need not fenr such extortionate methods being practised upon him.
gine not exceeding $1, \overline{2}(0)$ c.c., is capable of satisfying the most particular motorist. In recent years the stundard of the light car has risen (o) a much greater degree than that of $\mathrm{i}: \mathrm{s}$ bigger brother.

## WHY NOT "CLOSE-UP" MUDGUARDS?

 tached to the use of motorcycle-type mudguards in place of the conrentional massive wings: and running boards which are unirersal practice today.

Ruming boards, of course, are heary, and so are their attendant ralances, brackets, and so forth. In addition, they are unsightly, whilst they serve no particularly useful purpose, a fact which is evident in the case of many sports models which have rumning boards not more than a foot or so in length.


Mudguards secured to the axles instead of to the frame have the particular advantage that a clearance of two or three inches is sufficient, thus waterially improving the appearance of the car to which they are fitted, whilst keeping them small and consequently free from drumming.

The illustrations on this page show how neat a light car looks when it is stripped of running boards, and when mudguards of the type which the writer adrocates are fitted. The close-up drawing, showing how the front mudguards could be secured where frout-wheel brakes are used, indicates clearly that there is no need for complication, whilst two large bolts would look after rigidity and allow the mudguards to be easily removed when occasion demanded.

B14
nho are fond of tinkering with their engines, would bo that, with the steering locked over, one could stand behind a front wheel when the engine would be particularly accessible. This feature of the arrangement would be specially attractive when adjustment had to be made by the roadside in wet weather. for with the conventional type of mudsuard and rumning board it is impossible to work on the engine without leaning over a dirty mud-

Guard, ruining one's clothes and damaging the tinish of the wing.

Close-up mudguards are coming into fairly wide use on the Continent, and they are a feature of a recently introduced but already famous British 3-Iitre sports car. So far as light cars are concerned they made their debut on the North Iucas which was introduced a few vears ago, but which has never gone into production.

# STANDARDIZED LIGHT-CAR CONTROLS. 

a suggested ideal. arkangementTHE URGENT NEED FOR UNIFORMITYDAMAGE CAUSED BY ABSENCE OF STANIDARIIZATION.

D)URING the past few years the lot of the manufacturer has been vastly improved by standardization. To day, chains, wheel rims, nuts and bolts, ind, in fact, nearly every detail of the make-up of a car has heen standardized, but, whilst appreciating the alvantage which they thus gain, manufacturers do not appear to make any attempt to improve matters so far as users are concerned by standardizing the controls of their products.
Their attitude would be easier to understand if there was any obvious justification for the varied types of control used, the differing methorls of operat ing them, and the unusual positions in which they are so often to be found.

Starting with the facia-board, it is obvious that the instruments should be laid out with a view to giving maximum accessibility to the switchboard and an uninterrupted view of the speedometer ; yet the switchboard, which the driver has usually to grope for in the dark, is nearly always fairly remote from the steering wheel, whilst the speedometer is frequently placed so that the driver can see it only by leaning right across the car.

It is suggested that the correct place for the specdometer is on the right-hand side of the facia-board, with the switchboard just to the left of the steering column, ganges for oil or air pressure next, and the clock on the extreme left.
Fortunately, there are only two alternative arrangements of the pedals, the clutch being always controlled by the left foot and the foot brake and accelerator by the right. On some cars, howerer, the accelerator lies between the clutch and brake, and on others at the right-hand side of the brake pedal. It would scem that there should be no great difficulty in deciding which is the better position for the accelerator and every manufacturer planning his car accordingly.

Coming to the gear change, it is found that, although this is the control which needs the greatest skill to operate it successfully, there are few, if any, cars having a gear lever in the same position relative to the steering wheel : reverse catches, where fitted, are differently arranged on nearly everv make, whilst the positions of the various gears in the gate also differ widely.
The writer recently drove four different makes of light car during the course of a single day. On the first of them first gear was inside back. second outside back, and ton outside forward. On the second the first was inside forward. second outside forward, and top outside back. On the third, first was inside hack. second outside forward, and top outside back. On the fourth, first was outside back, second inside forward, and top inside back. Each of the cars had an entirely different position of the gear lever for its
rarious ratios, and, as a result of this, all manner of foolish mistakes were made.

On one occasion, for example, momentarily forgetting the positions of the gears, the driver endeavoured to change from second into reverse, whilst on another an attempt to move from first to second produced a sickening crash from the top-gear dogs.

It is suggested that the gear gate sketched on this page might very well be standardized for all threespiced light cars. It could be placed either in the centre or on the right, and its adoption would lead to many fewer mangled gearboxes and worried drivers. In the case of a four-speed box, the lowest ratio could be in the position depicted for reverse, the reverse position being in the same slot of the gate but farther forward.
The most important thing about the hard-brake lever is that it shall be readily distinguishable from the gear lever, and for this reason it is believed that a ratchet release catch of the handle type should be fitted invariably to hand-brake levers and a button to gear levers.


It is suggested that the arrangement of controls shown in this sketch approaches closely to the ideal.

The positions of the hand throttle, starter button, strangler and adyance and retard lever do not appear to need standardizing, as none of these is ever needed in an emergency. At the same time, if the manufacturers could get together and decide on a standard direction for the hand throttle to "open " and for the ignition control to " advance," a distinct step forward would be made. As it is, strangers to a car frequently bend the starter-motor shaft by trying to start on full advance, whilst many a battery has been ruined in an endeavour to start a car with the throttle nearly wide open, in the belief that actually it is almost closed.

An important thing to remember in connection with the design of a hand throttle control is that it should be planned so that, whilst being sensitive and positive to allow a good dead setting, it should a!so allow the throttle to be fully opened. There are many drivers who find that keeping one foot on the accelerator on a long run is very fatiguing, but if they have not a hand throttle control which will give a wide opening, they can do nothing save put up with the fatigue and curse the manufacturer.

## ACTIVITIES OF THE INVENTOR.

## RECENT PATENTS DEALING wITH SPRINGS, TYRES, TWO-STROKE ENGINES, SPRING MOUNTINGS AND INFINITELY VARIABLE GEARS.

SPRING hreakages are still far too common, parSticularly those of the master leaf. and a frequent cause of weakness is the drilling of the leaves for the centre holt.' A recent patent, under the mames of G. A. Woodhead and T. H. Sanders, appears to overcome the trouble by abolishing the centre bolt.
The top or master leaf of one of the springs protected by this patent is in two portions, each of which is fixed to the U-shaped fixing bracket mounted on the nxle. The ends are rolled to form eyes and have shacklepins passing through them and the sides of the $U$. When in position the twin sections of the


By means of fixing the master leaves of a road spring to shacklepins on the mounting bracket, the centre bolt is eliminated, with its attendant troubles.
master leaf press hard down upon the lower spring plates and hold them in position. The ends of the second leaf are wrapped round the eyes of the top leaf; the familiar Woodhead rebound clips are employed and the ends of the shorter leaves are ribbed and recessed near their ends.

As can be seen in the accompanying illustration, the spring fits into the bracket, which, in turn, is held down by U bolts passing through the thickened base and the axle.

## Tyre Which Overlaps the Rim.

THE objects of the tyre patented by E. B. Killen are to provide a low-pressure-type cover, which fits existing rims for high-pressure equipment without altering the gear ratio.
Protecting ribs ( A and B ) are formed on the cover, and the portions of the walls which overlap the rims (D) are thickened at $F$ and $E$ to withstand the strains. Either straight-sided or beaded-edge covers may be


In order to provide lowpressure equipment for existing wheels without altering gear ratios, this tyre overlaps the rim. Either straight-sided or beaded - edge construction is specified.
employed. In the latter case the cutting effect would scem to be a serious objection to the principle of the tyre being allowed to bear upon the sharp rim edges under load.
The inner tube (C) is reinforced, but, apparently, is not shaped to fit the cover. The great flexure B16
which must occur in the walls of the cover between the ribs and the beads seems to be the weakest point in the design, because both cover and tube will be squeezed out sideways when travelling under load and under-inflation would appear to be more than usually deleterious.

## "Stratifying" Two-stroke Engine.

TTHE idea of using the lower portion of a doublediameter piston for pumping mixture to the cylinder of a two-stroke engine is not new, but the use of this principle in conjunction with a method of stratifying the charge in each combustion space is patented by E. Beadle.

Reference to the illustration shows the annular spaces ( C ) around the lower portion of the piston in the left-hand cylinder. into which the mixture is drawn. Turning to the piston in the right-hand cylinder, this is at the cop of its stroke, having pushed the gas surrounding its lower part up the passage $(\mathrm{R})$ and through the ports (K) into the comlustion space of the left-hand cylinder

In this two-stroke engine the cylinders are crossconnected, one piston forcing misture to the combustion chamber of the other cylinder. A charge of air precedes the explosive mixture. Note the tubular extensions of each piston.


Imagine the right-hand piston descending: It can be seen that the valve ( S ) will open, admitling air into the passage ( $R$ ) which has an extension (G). $\Lambda$ charge of air will therefore remain in the passage, being forced into the right-hand combustion chamber in advance of the mixture from the pump portion of the other piston. In this way the charge will be stratified or in layers, which, according to various authorities, tends to increase efficiency.

Objections to the design appear to be the weight of the pistons and the large frictional areas involved. Whether these would have a detrimental effect on the engine performance remains to be seen in practice, but the gain in other directions will have to be marked to counteract the losses mentioned.

## Spring Mounted on Gearwheels.

ANON-METALLIC mounting for the free end of
a leaf spring is the subject of an interesting patent by W. W. Groves. Flexibility should be obtained without noise, but the durability of the device will have to be proved in practice.

Attached to the chassis frame ( A ) is the housing ( C ),

ACTIVITIES OF THE INVINTOR (contd.).
with the lower balf (K) bolted to it. The racks (J and M ) are formed in the housings, and the rubber rollers ( $D$ and $G$ ) bear between them the master spring leaf ( $B$ ). Fixed to the leaf are racks ( $F$ ), which are shaped to mate correctly with the truncated double conical rollers ( $D$ and $G$ ) bearing teeth ( $E$ and H). This tends to reduce side sway, and the sides


Corrugated rubber rollers mating with racks on the spring end and housing form the mounting depicted above. The rollers are of double conical form to prevent side sway.
of the rollers when compressed come into contact with the casings ( C and $\mathbf{K}$ ) as a further step in the samo direction.
No lubrication would be required and the rubber rollers would add to the cushioning effect. It is important to note that the rollers are confined under compression; in other words, the spring end is nipped tightly between them.

## Another Infinitely Variable Gear.

CENTRIFUGAL force is the underlying principle Uof an automatic infinitely variable gear patented by M. L. Bevington. Many similar gears of recent date have embodied the same idea, but the present example utilizes an undulating cam track and rotating masses.

Roughly speaking, the gear, as depicted in the illustrations, comprises two parts-the "variable" section and the reverse section. The former is the wheel-like construction on the left and the latter the mechanism on the right-hand side of the picture.

Centrifugal masses ( $\varsigma$ ) act upon the undulating cam (16) and slicle oin pairs of radial guides (4) upon the driving wheel (1). Actual contact with the cam track is made by the rollers (9). The cam (16) is centrally mounted loosely upon a driven shaft (20), and is connected to it by arms (35) which carry cranked discs (42) engaging with the radial slots (30) in the cam wheel.
The automatically variable speed of the shaft (20) may be reversed through a toothed train ( $43,44,4 \overline{5}$ ) ; this normally revolves as a solid mass for forward driving. Pawls (59) carried by the planet carrier (47) are moved inwards to engage the ring ( 45 ) for forward motion-to lock the gear train solid-and outwards to engage a fixed frame (50) when the carrier (47) is to be stopped for reversing purposes. These pawls (59) are operated by helical pins (60) engaged by nuts (61),
which are moved in and out by a sliding disc (70).
As the engine speed increases, the masses (7) are flung outwards with greater force, tending to remain in the hollows of the cam, thus dragging the cam track round. Varying loads affect speeds and thus oppose centrifugal force in the gear ; the design is claimed to act as a balance botween them, varying the ratio between engine and road wheels without action by the driver.

In order to resist wear, the rollers (9) will have to be substantially made, and it will be interesting to sec whether the inventor's claims are borne out in practice. All the rollers bottom in the cam at once, which might give rise to jerkiness, especially at high road speeds.

The peculiarly shaped tube has re-entrant side walls and a base wider than its bed in the rim to keep the tube, when uninflated, out of the way of a tyre lever. There should thus be little chance of nipping.


## Preventing Nipped Tubes.

$A^{\mathrm{P}}$PPARENTLY C. $\Lambda$. H. Brown, the patentee of A the peculiarly shaped tube shown in the accompanying illustration, has been troubled by nipping. Although no reference is made to the matter in the patent specification, the question of trapping the tube with a tyre lever seems to be at the root of tho design.

The tread of the tube (A) is thickened and the walls (D) curve inwards when not inflated. That portion of the tube which fits down into the rim bed $(G)$ is wider than the space between the cover beads and the perimeter of the tube in section is less than tho perimeter of the inside of the cover.

When the tube is placed in the tyre, it apparently beds down to the underside of the tread and remains clear of the beads until the air pressure forces it outwards. If a tyre lever be inserted under the bead


This infinitely variable gear employs centrifugal masses moving round a cam track as the basic principle. The device is chamed to be automatic in operation.
of the cover, the tube will be out of the way and the risk of trapping is therefore obviated. This does not apply if the tube is inflated.


## An Interesting Show.

THE Motorcycle Show had its crowds of enthusists, but it will not be able to compare in interest with the Car Show which opens a week to-day. In many respects the motoreycle is approaching finality-differences orer previous years' models being discernible only in minor details.

How different with the Car Show! Here still more steps in the amazing deralopment of the car of 1.500 c.c. and under will be strikingly revealed, and for cerery class of motorist there will be a feast indeed. To the man of moderate means the Car Show to-day is what the Motorcycle Show was three or four years ago, when the discoverles and lessons of the war were being jacked into two and three-wheelers. That surge of interest has now been transferred to light cars, and such interest is quickened by the fact that, whereas the light cars of 1920 and 1921 were the prerogatire of the richer classes, they are now well within the compass of the average purse.

## Latest Developments.

PDERHAPS the outstanding feature among the sinall car exhibits at Oly:mpia will be the sudden acquisition of dumb-irons by a number of famous makes. Among these one may mention the Rover, Clyno and Rhode, each of which has adopted half-elliptic springing in order that frontwheel hrakes may be used with safety and to their hest advantage. The various front-wheel-brake designs which will be on view will be extremely interesting to the student of mechanical matters and the ordinary owner-driver alike, the one being interested in rarious very clever dodges which the makers have adopted, and the other in the easyadjustabllity of the latest types and the complete absence of firlding oilers and greasers.

Apart from f.w.b. designs, the principal development has been in regard to coachwork. Larger, more comfortable and more convenient bodies than last year will be found on almost every stand, whilst, in addition to the comfort which will be provided during 1926 by sheer padding and rouminess, our lot is to be improved by still bettec means for kepping out the wind and weather.

## The Modern Tendency.

THE specifications of all the light cars and cyclecars on the British market, which form a feature annually of The Light C'ar and C'yclecar's First Show Nimber, are really well worth studying. This year the number of makes offered to the B1S
public is larger than ever, whilst, despite the reimposition of the Mickemat Duties, there are more light cars of Continental origem in the list than there were last year, when no duty had to be paid.

I fancy that by next year the ramins of light car manufacturers will have been increased by the addition of several famous names, this develorment being the logical seruel to the now worldwide adoption of $1, \overline{5} 00$ c.c. for (litssic road and track races. Who knows that in the First Show Number next year there might not appear specifirations of 1,000 c.c. Sunbeams, Viouxhalls, Delages, luesenbergs and Bentleys? The wndency is certainly towards still smaller mongines, and there seems no logical reason why the demand-at least, among buyers of expensive sports models-should not veer from the two-litres to the 1,500 c.c. class.

## Making an Early Start

WISHING to make an early start from a provincial town, I ran my calr into one of the biggest garages of the place and asked whether I could have it at $7.30 \mathrm{a} . \mathrm{m}$. on the following day. The proprietor was full of apologies, regretted he did not open his premises before 8 a.m., but suggested that I night care to place it in the yard of the hotel opposite, where it would, at any rate, have a roof over its head and be arailable at any hour of the day or night.

I thereupon approached the proprietor of the hotel, who welcomed me cordially, personally superintended the placing of my car under the shelter, instructed the yardman to see that I had eversthing I wanted so far as his service would perinit, told me I could open the gate at any time and walk in, and charged me only 1s. for the night. In the morning I hurried into the hotel sard, being a little late, and found that all I had to do was to start up and drive straight out, there being no obstiuction whatever. After experiences which I have had in public garages, this was indeed refreshing.

## The Good Samaritan.

GENERALLY, a light car is reckoned to bring pleasure only to those who are able to ride in it, but I heard recently of a case where a Jowett managed to complete the happiness of no fewer than 30 honest. souls. The scene was laid in a remote Lincolnshire hamlet, boasting of a tiny dance hall, and one day, when things seemed to be particularly flat, the idea of a dance was mooted. This was at 7 p.m., and obviously a dance that
begins much after 8 p.m. is not going to be much of a " do." The proprietress of the hall lived three miles away and the pianist occupied a cottage in another direction equally distant. Just when things seemed to be fairly hopeless, the owner of the light car stepped into the breach athd, treading hard on the gas, managed to fix things un with hoth the proplederess and the pianist, whilst his friend went round solemmly with a bell telling all and sundry that a dance would start in half an hour. Subseguenty the little car brought no fewer than 15 of the dancers, most of whom lived several miles away, to the hall, taking them each to their beds tong after mithight.

## Mass Production and the Consequences.

## FRIIENI of mine who owns a well-known

 mass-produced light car emerged from a hotel recently to discover that his car had been driven aw:y by an absent-minded owner, whose car, of the same make, was left in its place. It was an honest mistake. but my friend had to kick his heels for 40 minutes until the absent-minded one returnerl full of apologies.
## Little-known Laws.

WIHEN a new-comer to motoring buys a car he is not presented with a cony of the original Motor Car Act. and it is not surprising, therefore, if, during his first season, he goes along blithely ignomant of some of its movisions. For instance, many motorists do not know that if the driver of a horse and cart puts up his hand the motorist, umber penalty, must stop.

This is a relic of the days when horse-drawn vehicles predominated and equines had a hahit of standing straight up on their hind legs whenever a motor appeared. One does not often see the regulation insisted upon these days, but I recently heard a choleric-looking gentleman driving a high-stepper threaten to bring down the law on a motorist who had ignored his signal.

Another repuirement is that concerning audible warning of approach. Too few motorists know that to neglect to sound the horn at cross-roads,
corners, or any other spot where people should be made aware of their presence, is an offence. Even the fact that a traflic policeman is on duty and waves one on does not absolve a motorist from this duty, and I see that in some towns this regulation is being enforced.

## Right of Arrest.

UNDER other Acts provisions exist which indirectly concern moforists. It is, for example, open to anyone to arrest drivers of vehicles whom they consider guilty of dangerous driving, and I believe that where arrest is impossible they can apply for a summons. A little point which should put motorists on their guard when rounding corners in horse-breeding or training districts is that when a man is riding a horse and leading another his correct side of the road is the right. Before to-day I have heard overtaking car-owners hooting such a man to cross over to the left.

## Homely Literature.

HE who can introduce homely similes into his instruction book has gone a long way to make people read it and, furthermore, to get them to practise what they read. By means of conversational phraseology and the judicious use of a little slang the desired impression may be made unon the mind of the novice more easily than by strings of involved terms.

As an instance of simple guidance the description of the electrical system in the Jowett instruction book may be mentioned. Even the man who is not on speaking terms with amperes, distributors and so forth can soon leatn from it what is necessary to make things work without racking his brains and pestering his friends with questions.

## Careless Garage Hands.

Ts there anything more exasperating or humiliating than a newly painted wing with a dent in it? Leaving my car to the tender mercies of a garage hand recently in a provincial town. I returned on the following morning to discover that the front


THE POPULARITY CF RACING.

The number of speciators who weat to Brooklands last Saturday to ses the 200 -Mile Rac. has been estimated at betwe 3 a 20,000 and 30,000 . This photograph shows a part of cnly one of the principal car parks.

## RICH HINTURE (contd.).

near-side wing had been badly crimpled, and it was not untll I pointed to the flakes of paint lying on the floor beneath the wing that I could prove to the satisfaction of the proprictor that it had been done on his premises. Being a reasonable fellow, he was full of apologies and even oftered to make good the damage then and there. What a blessing it will be when fenders become standard on every car! They may be ugly, hut they are certainly useful.

## The "G.B." Type.

$\mathrm{A}_{\mathrm{a}}^{\mathrm{n}}$NXIOUS to familiarize himself with details of a French car stored at his garage, a manager of my acquaintance extracted an instruction book from the locker and fell to perusing the contents. Unfortunately, it was all in French. This being unintelligible to him, he was endeavouring to follow the layout of the car with the aid of the diagrams when a young knut with a couple of flappers drove in for a minor adjustment. The car bore a "G.B." plate, and the driver, somewhat loudly, began to talk to the garage hands about his foreign travels.
"Do you understand French?" asked the manager politely. "French?", echoed the knut. " I should jolly well think $I$ do! Speak it like a native." "Well, would you oblige me by reading that?" said the manager. pointing to a page in the book. The other looked it down, knitted his brows, and then started a translation which to the garage manager was quite unintelligible. Finally, after many pauses, coughs, and obvious shots at a venture, the youth had to confess defeat. "Dash it all!" he ejaculated, "it's all engineering jargon. You couldn't expect me to know that!"
The garage hands grinned.

## Overdoing It.

LIGHT coachwork is of special ralue for small chassis, and the use of fabric-covered hodies for light cars does not seem to have received much attention, except in the direction of saloons. Two and four-seater types need every bit as much care
in the elimination of superfluous weight as enclosed cars.

Quite a number of sports models consist of a more-or-less touring chassis with a bit of weight knocked off, and their performance is improved thereby. To my way of thinking the bulk of touring cars would be better if the avoirdupois were reduced; the advantages of sports model behaviour would be combined with the comfort of the more sedate body. Even an extra hundredweight is worth saving. I know many light cans which are fully 3 cwt. hearier than they should be, whilst several weigh nearly a ton. Such a load is hound to affect performance.

## Those Suburban Lines.

WHEN I patronize the local line which convers busy City workers in my district from their suburban dwellings to town I am alwas: impressed by the snail-like progress which we make. A journey which takes over half ath hour by train can be performed in 23 minutes by car without taking any lisks. So-called "fast" trains are often a snare and a delusion. True, they tumble helter-skelter through intermediate stations, but out of consideration, no doubt. for the amusement of the passengers, they stol several times hetween stations, so that season-ticket holders (an drink in the wonderful panorama of gatometers: and chim-nes-pots. Glad am I to gret back 10 my speedy little car!

## Mr. Soakes Writes.

Dear Fokus,
That 'ere decarbonisin'. After yewd gom the other Surday, me'n the Missus gets busy, and a tidy howd you do it was and all. First we undoess all them nuts nround the top of the black lumpy looking turn-out under the front, but it never come orf. Ho, I thinks, it wants 'ittin', do it, so I pets the conl ammer and sets about it, tappin, quite gentle like, when the spout bit in front comes orf -broke proper. lewd never believe the water wot run out: gallons it seemed like to the Jissus, who was layin' underneath, eroonin. After that lot we pushes it round to the garridge. I ain't no kolp at plummin:
W. Soanres.
P.S.-Let weller lone, that's wot I says, nod no interfer- ence.


ON THE MANGUVRES. :20


## Better Value.

1.N this issue appears our anmual complete gruide to all the light cars and cyclecars on the British market, a feature which has proved axtremely valuable in the hast and which is assured of all erguatly good reception, not only on this occasion, but in the years to come. Students of design-and, in fact. all smali car enthu-siasts-will find with its aid that. as each year basses, the more economical 1xpes of car become cheaper,
 more reliable, more comfortable and more desirable. Since last year there have been few out:anding reductions in prices, but specifications have heen improved upon in almost every case, and the value for money offered by small car manufacturers during 1926 will clearly be immeasurably sunerior to that which they have been able to give during 192.5. On the score of reliability it will be noticed from the specitications which we print that no pains have been spared in the design of 1926 models to eliminate all the potential canses of wayside breakdown of which we ourselves, and all other small car users, have had cause to complain in the past. Undertyring, for example, is not noticeable in a single specitication, transmission systems of questionable strengtlı and durability have been relegated to the limbo of forgotten things, and none sare the best proprictary articles, such as magnetos, carburetters, dynamos and so forth, are being used even by the smallest manufacturers during the coming year.

## Still More Comfort.

WE have remarked that the latest small cars are more comfortable than their prototypes, and this cannot possibly be denied. First and foremost comes the question of protection from the elements, and in solving the rarious problems connected with the production of sound, serviceable all-weather equipment the industry has put itself to no small amount of trouble and expense. The result has been the universal adontion of equipment for touring cars, which actually movides effuivalent protection to that given by the fixed roof and glass windows of an expensito saloon, whilst the owner still enjoys the adrantages of an open car when conditions permit. In addition to the comfort afforded by the latest means for keeping out the weather, the luxurious
"THE LIGHT CAR AND CYCLECAR"WAS FOUNDED IN 1912 TO CATER FOR IHE NEEDS OF USERS AND POTENTIAL pURCHASERS OF LIGHT CARS AND CYCLECARS, AND IT HAS CONSISTENTLY ENCOURAGEDTHE DEVELOPMENT OF THE ECONOMICAL MOTORING MOVEMENT FOR OVER TWELVE YEARS

NO CAR WITH AN ENGINE CAPACITY EXCEEDING 1.500 C.C. (II 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

tastes of the modern small car motorist are catered for with adjustable seats providing real comfort, adjustatble pedals, four doors on four-seater bodies, floormats, windscreen wipers, two-panel fully adjustable front screens, rear screens, cubby-holes in the facia board. pockets in the doors, eight-day clocts and any number of other fitments which were lacking from the specification of even the most costly small cars a few years ago. It is not until these minor, but nevertheless important, items are taken inco consideration that a true idea is obtained of the wonderful value for money which will be oftered by light car manufacturers at the forthcowing Olympia Show.

## The Lesson of "The 200."

LAST Siturday thirteen $1 \frac{1}{2}$-litre light cars tonk part in the Junior Car Club's 200 - Mile Race at Brooklands. Three of the competitors drove French cars and the remaining ten were of British manufacture. Cone of the British cars was placed in the general classitication. French cars beins first and second in the 1,500 c.c. class and first, second, third, fourth and sixth in the actual order of tinishing. The cream of our 1,500 c.c. racing light cars were beaten fairly and squarely by French cars of only 1.100 c.c. capacity. It must not be thought, however. that this necessarily implies that the Continental manutacturers are producing better light cars than te can build in England, but the fact that their specially built racers are superior to our own cannot possibly be denied. The reason is to be found in the fact that French manufacturers are encouraged to maintain costly racing departments in their factories. there being plenty of erents in all parts of the country at which their products may perform before the public, thus afiording sulendid publicits for the make of car in question.

In England conditions are entirely different. Road racing on the grand scale which tynifies it in France is prohibited by law, sprint events and hill-climbs are harred, whilst eren at Brooklands -our one and only racing track-there are irksome restrictions which discourage prirate enthusiasts and make racing most unprofitable for manufacturers. Is it surprising that the French racers are better than our own?

## WHE FIFTHEINTERNATIONAL M T N 200 EHMLEREMC

With Darracqs the first and second cars home in the 1,500 c.c. class and Salmsons first and second in the 1,100 c.c. class, the race this year was an overwhelming victory for France. Major H. O. D. Segrave scored his second 203-Mile Race success, having won with a Talbot-Darracq in 1921.


THE RESULTS AT A GLANCE. (All Cars are "Specials.")

## 1,500 c.c. Class.

## General Classification




## THE START OF THE CLASSIC STRUGGLE.

SEGRAVE'S ASTOUNDING ACCELERATION. WAITE'S AUSTIN THE RUNNER-UP.


SUPERIORITY UNCHALLENGED.

With one team-mate stranded at the post and the other very sicw off the mari, Segrave had it all his own way from the outset. The upper photograph was taken 8 seconds after the itart and the lower 10 secords later.

## THE BATTLE FOR THE ANDRE CUP



FRENCH CARS 1st, 2nd, 3rd, th and 6th HOME.-DARRACQS FIRST AND SECONI) AND FRAZER NASH THIRD IN THE 1,500 c.c. CATEGORY.-ALMOST IDEAL WEATHER. - IMMENSE CROWDS OF SPECTATORS. -

TIIIF bomkmakers knew the result of 1 the 200-Mile Race half an hour before the start, takiug 6 to 4 on Sigrave and giving 3 to 1 against Masetti. whon was the serond favourite. Bets conld be laid against Conelli, who retired at the end of the first lap. at 5 to 1, whilst Marver. who was robbed of third ilace hy a broken push-rod, wan backed frecly at 4 to 1.
Everyone expected. somewhat natur ally, that the 1 -litre cars would be mioh faster than the smaller-engined competitors in the two other classes. and the thirteen (!) 1,500 c.c. racers whirh eame to the post were certainly n formidable array. Of the number only four were destined to finish within the alloted time, whilst one erashed and five retired with mechanienl trouble.

Before the flog had fallen for the start of the race it was clear that the Darraces were not due to enjoy the same good fortune which they had last year. for within thirty seconds of the start, and when every driver was on the qui vive, with first gear engaged and the engine revied up ready to B24

T. B. Andre handing his magnificent cup to Segrave at the conclusion of the race.
bonnd from the mark, Masetti's engme stopped. He and his mechanic leaperd from the car and were busy at work under the bonnet, whilst the rest of the field streaked off towards the home banking
The cars were Jined ill in two rows at the starting point and every driver knew that there was a great advantage to be gained by leading the field at the outset, as it was obvious that the first few men round would have the easiest time at the corners.
Segrave made easily the best start, gaining a lead of jo vards or so in the first two hundred. Next came Waite's Iustin and then Marsball (Bugatti) and Johnstone (Frazer-Nash).
In $2 t$ mins. Segrave was round again, leading the field by 7 secs., and having completed his first lap from i standing start at an average speed of a shade over so m.p.h.- Second enme Harvey's Alvis and third Conelli's Darracg, which, to everyone's astonishment, ran into the lits, stopped and retired.

Next in order at the conclusion of the first lnp was the Earl of Cottenhom's

## CORNERING ON THEIR LAST LAP.



Having covered the difficult course at an average speed of just under $80 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. the two Darracqs (Segrave leading) crossed the finishing line with only a few yards separating them. They are here shown rounding the first of the hair-pin bends on their last lap. Masetti previously had been leading, but allowed Segrave to pass so that the British driver might be first over the line. (Drawing by Gilbert Rumbold.)

(Left) Twice the A. M.-
Halford was pushed in by its plucky driver and mechanic - first for water, then for petrol.

Alvis, followed by Mays (A.C.), Eyston (Aston-Martin). Morgan (Thomas Special), Marshall (Bugatti), Maford (A. M.-Malford) and Eaton (Aston-Martin). The 1,500 c.c. cars had established a very definite lead over those rumning in the other elassesowing, of course, to their much grenter speed down the Railway. Straight.

## First Lap Crash.

F. W. Cook's Aston-Martin-one of the fastest cars in the race-came to grief before it had completed a lap. The nature of the accident was such that many spectators, who had only to lieep their eyes straight ahead, were unaware of what had happened until they heard the crash of the car as it struck the railings.

Hurtling down the first leg of the finishing straight Cook applied his brakes and it appeared that his offside wheel locked. causing the car to swerse to the right, dash through the central harrier of flass, slew round and hit the edje of the track broadside on and poiuting towards the fork. The car beeled orer on its side, partly demolishing the railings, and it was not until half a dozen nssistants arrived that it could be dragged off the unfortunate driver and mechanic, who were ninned henenth it Cook stapmered to his feet practically unhurt, but very shaken and dazed; his mechanic. Marris, howerer, was injured about the head and hady and was removed on a stretcher. He is now out of hospital.

## Conelli's Bad Lack.

Once they had beard that Cool's crash bad not been so serions as was at first believed the spectators were all ngog to learn the news of Conelli's misfortune. It seemed astounding that a car which had managed to be third round on its first lap sbould then retire, but no information with regard to the reason for this retirement was given. so, presumably, as the engine would run and the ear could be driren under its own power. it had suffered some such misfortme as a stripped top gear.

On his second lap, Mays made the first of a series of stops at his pit, losing several minutes whilst he changed his plugs.

Masetti, who had made such a very late start, lost more than half a lap at the very outset, but once under way he soon got into his stride nnd was lapning at about 80 m.p.h. It wns clear before $n$ guarter of an hour hand clapsed that, provided they had no 826
serious trouble, Segrave and Masetti could hardly fail to win, with the two front-whecl-drive Dlvis racers as the runners-up, and Thalford in the $\mathcal{A}$ M.Hallord as a serious rival.

At the end of his 10th lap, Segrave had a comfortable lead of nearly a lap on Harvey, Masetti, the Earl of


Harvey's Alvis head on. The car was handled with consummate skill.

Cottenham, and Falford, all of whom were battling for second place. with Harves actually holding it. Masetti passed him, however, on the 13th lap and kept ahead of both the Slvis cars to the finish.
Mays meantime had lost a groat deal of time due to further stops at the pits,
and after having covered 11 lans retired with a loaky cooling water system. B. S. Marshall also was obvionsiy not clijoying his usuml goorl lack. On his 11th lap he stopped and changed plags, stopping for a further change two laps later, and discovering a broken valve spring, which caused a great deal of delay and entirely robbed him of a chance for a place.

At this stage of the race, spectators in the grand-stand had seltled down to discussing the eliances of the various drivers for third place. Segrave and Masetti seemed certain finishers in the first and sccond positions, but it was clear that there would be a haid fight for who should be third. The Earl of Cottenlam. whe is a newoomer to Prooklands, was handling his f.w.d. Alois in magnificent style. Trarvey was hampered, due to his hrakes having lost much of their efferenes: the Thomas Special was going woll. but it did not appear fast enough. whilst the same applied to Eyston: Astom-Mrartin. The A. M.-Malford secemed wery formidable. It could lap at well over 70 m.p.h. and had rembirkably good acceleration. Tohnstone's E"razer-N゙ash could barcly lap at 70 . whilst Eyston's Aston-Martin was also ton slow to be fancied.

## After Twenty Laps.

The 20th lap positions were: Segrave and Masetti 20 laps. TTarver 18, Cottenham 17. Malford 17 . Morgan 16; Eyston 16 and Jolmastone 14. Marsey's engine was then notiend to be spitting. and on lis 2 erd lap he ran into the pits, to discorer a broken valve pushrod, the replacement of which cost him nearly half an hour.

At the half-distane, C'rittenham had fallen into fourth place. Malford being third and the lwo Darraeqs leading. Evston's Aston-Martin was running fifth two lnps behind the Earl of Cottenham's Alvis.

Eyston on his end lap had trouble with the Aston-Martin clutch, tinkered with it for a while at the pits and then retired. Johnstone, also on his 32ud lap. called at his nit and changed both back whecls, replenishing his radiator and petrol tank at the same time.

Eaton meantime liad been in trouble with a broken ralve spring and took sn much time replacing it that he lost a!!

hance of a place. Ilis Aston-Martin had a four-seater body and a side-valve canime. which was superelarged by a special chatindriven blower.

After $4-1$ laps. spectators in the grand-stands were nstommded to see Masetti roumd before scerave. rliese two had been kerning close tozethes sinee carly in the race, and the natural assmmption was that Segrave had met with some misfortune. IIe soon came into sight. however, slowly rounding the sncond hair-pin bend, having burst $\Omega$ rar tyre on the first. Stopping at his nit the changed the hurst tyre nind also the other rear tyre as a precaution, and was nway again, having lost only two minutes or so.

## Halford Has Bad Luck.

The $A$. M. Tialford was then rumning only three lans behind sicgrave, but, inst after his wall at the pits, it came in sight roumel the bend with the driver and mechanic pushing it. They had rum ont of water and maturalle lost a considerable amount of time nllowing the engine to cool down to some extent lofore replenishing.

Whilst this car was at the pits it was omounced that Fyston had finally retired after lanving done 33 laps, a big(wht bearing having rum. The $\mathbf{\Lambda}$. M.IHalford's misfortume Int Morgan (Thomas-Special) temporarily into third place before he retired with earburetter 1 rouble on his 491h lap.

Scgrave, following his call at the pits. had been busily overtaking Masetti. which necessitated lapping at over s0 m.p.h. THe succected in doing this quite casily wilhout any specially lurid work on the comprs, his speed down the Railway Soraight being considerably mere than 100 m.p.h. By 1h:a joth lap Segrave had overhauled Pasetti, and it nopeared to some of the spectators that the Darracgs were Foing to have a private race of their own-they hand no need to be concerned s.bout any of the noler competitors, bone of whom was within six laps of them.

The impression that there was $n$ Sograve-Masetti duel in progress was risplelled, however, when on his G0th lad Segravo came romnd ahead with


## FROM THE MEMBERS' HILL. <br> A fine view of tive race was obtainable froun the Hill, where those with glasses could gee almost the whole of the course

Masetti following a few yards behind and obviously making no attempt to pass. The rest of the 1,500 c.c. comnetitors were then all more than 10 laps behind, Cook had crashed, Mays had retired, Falford was on his 51st lap-having had, for the second time, to push his car into the pits from the far hair-pin, where he ran out of petrol. Johnstone was then on his 47 th lap, Morgan had retired on his 49th, Marvey had done 41 laps and was busy changing plugs at the pits, and Fyston and Daton had retired. Marshull had been moking vain efforts for a long time to start his Bugatti and had done only 29 laps.

When Segrave was on his 62nd lap Goutte and de Marnier (Salmsons). in the 1,100 c.c. class, were ahead of all the 1 -litre cars except the two Darraeqs, and this position they held to the finish. Thus the first four cars Dome were all of French manufacture, whilst French cars naturally took the first and second positions in both of the principal eategories.

Sugrave's win at $7 S .89$ m.p.h. would loave been more popular had he had a have been more pight for it ; as it was his walkover robbed him of much of the applause which his mamificent driving mexited. Both he and Masetti drove a
splendid race, nursiog their cars against the pussibility of trouble nad driving throughout to win. The Darraca equipment included Englebert tyres, K.L.G. plags, Bosch magneto, amil IIartford shoek absorbers. The fuel used was B.P., and the oil, Wakefield's Castrol IR.
Forty-five minutes after Secrave erossed the line the race was stopped in accordance with the regulations, Harvey's Alvis had then done 64 laps, Eaton's Aston-Martin 41 and Marshall's Bugntti 31.

Thus only four 1.500 c.c. cars finished on time, the placings in this class being :-
1.-Segrave (Darracq), $78 . \$ 9 \mathrm{~m} . \mathrm{p} \cdot \mathrm{h}$.
2.-Masetti (Darracq), 78.SS m j.h.
3.-Johnstone (Frazer-Nash), (a3.0t m.p.h.
4.-Halford (A. M.-Malforl), 引1.So m.p.h.

The actual order in which the cars finished-dissegarding the clesses-was:-1, Segrave (Darracy): 2, Maseti (Darracg) ; 3, Gotitte (Salmson) ; 4, De Marnier (Salmson): 5, Johnstone (Frazer-Nash) ; 6, Pettitt (Amilcar) : 7. ITalford (A. MI.-Falford) : S, Fngiand (Austin) : 8. Mendy (Austin) ; 10, Depper (Austin)


THE CRUCIAL POINT. Special, Marshall's Bugatti, Halford's A. M.-Halford, and Johnstone's Frazer-Nash. Passing at this part of the course frequently took place.

## HIGH-SPEED WORK IN THE 1,100 с.c. CLASS.

# WINNING SALMSON THIRD IN general Ciassification- 

| Starters. | Bet |
| :---: | :---: |
| de Marmier (Samson) | 2 to |
| Goutte (Salmson) | to |
| Newman (Salmson) | $\pm 1$ |
| Waite (Austin) | $\overline{5}$ t |
| Ringwood (Frazer-N: | $\overline{5}$ |
| S. 13alls (Amilear) |  |
| Pettitt (Amilenr) |  |

GOUTMTE, in his supercharged SalmUsou. won the 1,100 c.c. class in 2 hrs. DS mins. 40 sees. at an arerage suled of $\operatorname{GS} .55 \mathrm{~m} . \mathrm{m}^{1, h}$. He was also third in the main categnry and made only one stop, for replenishments. De Marnier (Nalmson) gained second place, being fourth in the main categors, and IR. Pettitt (Amilear) third place in his class and sixth place in the main category, It was by no means a runaway win, however, for, in the enrlier stages of the race, Whates chances looked vers zood indeed, whilst de Maruier also occupied the premier position for some time.

The bulk of the cars which started were all more or less familiar to seqular larooklands habitnes, but those who have not followed developments were noware of the fart that Waite's superchurged dustin was, in fact, an Austin Seven ensine bored out 1 mm . larger, so that its capacity was 775 c.c., bringing it. for all practical purposes, only just within the 1,100 c.c. class.

## Old-stagers.

The wimning Salmson, driven by Goutte, by way of contrast, had a capacity of $1,0 \mathrm{S7}$ c.c. ; thus one chnot help but admire the very game strugrole made by Waite in the face of long odds.

Ringwood's two-eylinder Frazer-Nash has seen as much experience of 200 - Mile laces as the threc Salmons. The Frazer-Ninsh looked very businesslike


THE WINNER
M. Goutte (Salmson), who was also third in the general classification and made only one stop-for fuel-at the pits.
and speedy, the Salmsons, nlthongh well streamlined, being high off the :round and appearing to be slifhtly top-heasy. Theil corncring, however, proved that appearances are deceptive, for thes were commendably stealy on both hair-pin bends.

Pettitts Amilear well deserved the third place which it gained, for it was driven with extraordinary detemination. We believe, however, that Pettitt would have been even faster had he taken the bends a little more cautiously.
To Vernon Balls must be given the credit for entering a mactically standard Amilcar. Having buen disappointed by the Paris factory, he very sportingly drove to the starting line in a car which realls did not stand the smallest chance of obtafing first place, and carricd on with a degree of verve which wou for bim whole-hearted admiration.


ON THE
SECOND BEND.
v2S

WAITES FIGHT AGAINST ODDS -EXCITING CORNERING.

The outstanding feature of the getnway at 2.30 b.m., when the report of the first maroon echomd across the concrete, was the very line arceleration of Balls Amilcar and Wraite's Austin, the two arriving more or less together at tho first hair-pin bent. As at test of ncceleration from it sandug start, his first lap of the race spoke volumes for the $1,10 k)$ c.e. machiwes, there being only nine competitors in front of them at the first hair-nin

## Sorting 'Themselves Out.

Again, Itagwood's Frakor-Nash and Pottitts Amilear wore only separated from Waite and lablls by one of the 1,500 ece machines, the samsons beins more or less towards the rear'. There was no wild scramble among the 1,100 c.e. cars for places in this first lap, and even the more adsenturous spirits were considerably sobered hy the sight of Cook's iM-fated Aston-Martin heing pulled back on to its whee!s after the crash described in our remort of the 1,500 c.e. race.

The seme of the driver and mechanic being lifted to their feet and given lirst aid was witnessed hy guite half the competions who were coming down the fret leg of the hair-nin.

On the second lap engines berame warmed up thoroughly, and the choice of suitable lower-gear ratios began to play an important part in the race. It soon became obvious that Wrate's most formidable rival was to be Goutte's salna-


Ringwood's cornering with the twocylinder Frazer-Nash was we!l judged and speedy.
son, for the two went round in close company. Wraite kept his lead mainly by excellent cornering, his car skimming round as though it were on rails. The Silmson was not so stendy and. whereas Waite pursued the same tacties on every lap, perfecting the manner in which he took the difficult turns, Goutte was slightly more erratic and his enr appeared more difficult to hold.

Vernon Balls made the first stop at the pits in the 1,100 c.e. class after covering 11 laps; it was a very bricf call, for, having filled ull with water, he went off in pursuit of his six rivals. Realizing that he bad a lot of time to make up, be became very daring in his
cornering metliods, but even he could not excel the almost hair-raising performance of I'ettitt:

It seemed ineredible that any car could stand the gruelling which I'ettitt's Amilear was receiving. Sometimes the front off-side wheel lifted off the gronnd and loeked, the near-side wheel looking ans if it were on the point of collapsing moreover, it semed that even when the driver had successfully overcome this danger he must inevitably charge the sandbink.

## Pettit,'s Terrific Skid

Only onee, however, did Pettitt appronch anything near disaster, this being after the track had been wetted by a slight shower: hurtling up to the hair-pin at "thigh speed, it nppeared that he hat either miscalculated his dis tance or that his brakes had become less effective. With determination he locked were hard, the car seemed to hesitate, then, with a wild sereech from the tyres, it swung roumd on the track as though fivoted in the middle of the chassis. During this evolution the engine stomped, but lettitt and his mechanic lenped wht, giving the necessary pull up to the starting handle, and were off down the course like lightning to the secompaniment of much cheering from the crowd

Wathe was then lapping consistently nt (i7 m.p.h.. with de Marnier covering the threemile circuit at a very slightly slower speed, and Goutte alwnys in the picture. After 17 laps, however, misfortume overtook de Marnier, who had to call in at the pits to change the nearside back wheel. He seemed all, the more determined, however, to make ull for lost time, and increased his lap speese so that lie was soon abreast of the leading cars.

Vernon Balls was the next caller at the pits, this after he had covered 19 laps in dashing style. IHe filled up rapidly with petrol and oil, and when the radiator cap was unserewed the steam which shot skywarls plainly indicated also the need for wnter.

By then the hopes of a British rietory were somewhat damped, for Goutte had also improved his. position, taking Waite's place, who thus lay second to the Salmson. It was then Itingwood's turn to suffer misfortune in the shape, apparently, of a misfiring plug. He


Meantime, Ringwond (Frazer-Ninsh) was lapling consistently, cornering neatly and running with the utmost re liability. The positions were:-Waite leading Goutte on the same lap, Pettitt third, Ringwood fourth, with Vernon lialls, de Marnier, and Newman in the hackground. De Marnier, however, was driving hard, so much so that after ten more laps he had threaded his way through the fied and was lying third.


## HIGII-SPEED WORK (contd.).

Newman seventh; but once again the order changed, for de Marnier, with his foot hard down, gradualls closed on Goutte, and actually mannged to lead him on the t3rd lap.

Then came an unwelcome visitor in the shape of $n$ sharp storm of sleet, which drove across the track almost horizontalls, to the great discomfort of the drivers, who felt at this stage of the race they conld not afford to slow down. Whether it affeeted the positions of the leaders one cannot say definitely, but the fact remnins that Goutte and de Marnier changed places, and that the imperturbable Pettite, still threatening to crash every time he came round the hair-yin bend, forced his way magnificently into third slace.

This step up in the world, however, was assisted materially by the fact that his rival, Wiate, had been forced to make n brief stop at the pits for petrol. Iust previous to this Waite had been handicapped beeause a strip of his bonnet came adrift at one end and began to flap about as the car hurtled round the track. During his stop at the pits he tore this off, and his lap speed went up guite an appreciable degrec.

Vermon Balls was ultimately put out of the running definitely by gearbox trouble, whilst at abont the same time Newman, in Salmson No. 3, also retired.

Barring accidents, it was then possible to forecast fairly accurately the order of finishing, for Goutte clung tenaciously to the lead, with de Marnice second on the same lap, Pettitt five laps behind them, Waite seven laps behind
and Ringwood no fewer than fourteen laps in the rear. lingwood had stoppet several times to chnnge plugs before he discovered that incessant mistiring was due to the formation of ice around his carburetter ; otherwisp he would have held a better place. When Goutce crossed the finishing line he was only 1 te secs. shead of de Mamier, the third mant home, Pettitt (Amilear), arriving about a quarter of an hour later. Wiaite retired towards the finish with transmission trouble

Thus of the seren starters in the class there were thee finishers on time, three retirements and fonm rumers when the race was stopped. The equipment of the winning car induded Champion plugs, Englebert tywes, /onith earburetter, Jartford shock absorloers, shell oil and shell petrol.

## HOW THE AUSTINS FARED.

# GORDON BNGLAND AGAIN WINS IN THE 750 c.c. CLASS-PERFECT CORNER WORK-HENDY MAKES A NON-STOP RUN 

A$S$ in last year's race, the 750 c.c. class was made up wholly of Austin
cars, five of these wonderful little maclines lining up for the start. The two cars driven by E. C. Gordon England and IR. E. O. Hnll respectively were fifted with streamlined bodies which weizhed only 45 lib. each.
A. E. Depper was the only driver in the 750 c.c. class whose engine was fitted with a supercharger, and it secmed at first that this would give him n great advautaze in speed, as he led the field from the start and retained the leading position until the 29 th 1 nap.
Owing to the Austins being in the rear rank nt the massed start Englaud (31) was baulked bs a refractory 1,500 c.c car, and thus was slow in geting nmay. The positions at the end of the first inp were:-1, Depper; 2 , Gres; 3 , Hendy ; 4, Hall : and 5. England.
On the third lap, however, England had rum up to second place, with Depper only a few yards in front. 1 keen observer on the hair-pin bends could not fail to apprecinte the neat and skilful manner in which Eughand aud Hall handed their very low-luilt cars. Credit in this direction must be given also to the other Austin drivers, olthough Depper appeared to take the second hair-pin rather slowls.

Grey's ill-fated Austin at the pits early in the race with tyre trouble.

Bad luck visited Grey early in the race, a flat rear tyre causing him to come into his pit on the fourth lap. In


The winner-E. C. Gordon Engiandand his mechanic.


The above photo was taken a few seconds before Grey (33) overturned owing to a burst front tyre. He was travelling at $83 \mathrm{~m} . \mathrm{p} . \mathrm{h}$.
spite of a rapid chanie of wheels, he lost nearly a lan.

Depper continued to manatain his lead, which at the 11th laj, had increased somewhat, the rest of the field beine bunched together, with direy strugglins valiantly to make up his lost time, but this was not to be. On his 22nd lap he stopped for petrol, having ouly a small tank, and thus sacrificed a few more valuable seconds. Whilst gamely pursuing his course, disaster overtook him a few laps later, the bursting of a front tyre causing the car to turn over and crash into a ditch. Cirey was rather badly injured, and his mechanic, J. Pares, was seriously hurt about the head.

## The Injured.

Here, in parenthesis, it may be mentioned that both Grey and Pares were rather more badly injured than was at first supposed, Grey suffering from a broken arm in addition to scalp wounds Enguiries at Weybridge Cottage Fospital on Wednesday have resulted in the good news that the injured were showing a marked improvenent. As showing the value of immeriate attention being miven in cases of accidents it is interesting to note that Pares and Grey received first aid from a Farley Strect doctor who was amongst the spectators. This probably saved Pares's life.

Some consteruntion was caused when England was seen to pull into his pit at about the 33rd lap. Fis stop, however, was only of a few seconds' duration whilst his mechnnic filled up the radiator. When, on the next lap, Hnll arrived at the pit pushing his car and calling loudly for water it seemed that
toiling troubles might unset the caleula tions of the Austin temm.
This supposition became stronger when It hl akain stopped for water, and on his :3?th hay was seen to undertake the removal of his eylinder head, overheating due to loss of cooling water having eatused the sasket to blow ont. fall and his mechunic renewed the ;asliet and changed the phans in less than half an hour-surely a very creditable performathec.

During the time that liall was busy chanew hat taken place in the pusitions of the remaining Austins. Enghand, who was rumning third on the 17 th lal, taking the leat on the tith.

## A Non-stop Run.

Althungh Gordon Iendy did not get into the leading blace during the race, (1) him must wo the eredit of being the only driver in his chass to comblete the course mon-stop. Depper ealled at his pia late in the race with cluteh tronble, but was not delayed long enough to put him ont of the rumint for a place

As the race drew to al close the positions were:-1, England: $\because$. Ilendy; and :3, Delper, and there was a possibility that this would be the order of finishing, as indece? it was

England's time fur the race was ${ }^{3}$ hars. 20 mins 14 sees., giving an average speed of ( 61.16 m m. 1 h . Hendy's time was :3 hrs. 20 mins 16 spes.- 61.15 m.j.h.. whilst the third man, Deprer. completed the course in is hrs. 23 mins. S sees. at a speed of 60.36 m.p.h. Thus it will be seen that a close and exciting finish resulted.


> AUSTIN EXPONENTS.

On the exireme left is G. Hendy, third from left A. E. Depper, centre E. C. G. England, the winner, whilst sixth from the left is R. E. O. Hall. The Austin cars ran at an average speed of over

## $60 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. during the race.

ILall. whose ear was still suffering from boiling and loss of water, was on his 50th lap when the race was stopied in aceordance with the rules. Exceptiner for the unfortunate aceident to Girey and his mechanic, the 750 e.c. race must be regarded as rery sucerssful indeed.

Interviewed after the race, E. C. Gordon England said that, except for the tendeney of his engine to boil, he had no worry or trouble of any kind. Mis car. and that of IR. F. O. Fial, was fitted
with a 9 -rallon petrol tank, and both carried a reserve oil supply, so that nonstop runs might have been anticiputed.

Asked how it was that he was enabled to have his car ready and in such goud fettle for the race after crashing durins practising, Eugland paid bigh tribute to his works staff, who carried an nighe and day with the renairs.

He used a Solex carburetrer, B.L.I.C. mañeto, Dunlop tyres. K.L.G: hugs, Castrol oil and b.P. fuel.



Spectatora at the Junior Car Club's 200-Mile Race at Bro largest crowd ever seen on the track declaring the (1) At the first hair-pin bend Segrave's Darracq (11) abou (9) and the Thomas Special (15) overtaking Newmin'of pushed in after having run out of petrol. (4) $A$ string in the foreground, sweeping off the Home banking to ert (6) The Earl of Cottenham, Alvis (3), leading Johmatonal change a tyre. . (8) Marshall's Bugatti running into tho rectify the cooling troobles on his A.C. (10) Hall porsti overtaking Depper (Austin) on the second cirm

## NES AT LAST GREAT RACE.


$\left.C^{1}-15\right)^{29}=15$
res


Jahds last Saturday witnessed many exciting scenes, the at to have been the most succeasful of the series. touvertake two of the Austins. (2) The A. M.-Halford ution on the Byffeet banking. (3) The A. M.-Halford being cara, with Eston (Aston-Martin) and England (Austin) the atraight. (5) Segrave comering at the first bend. mazer-Nash on the hanking. (7) Segrava's only stop, to to change plugs. (9) Raymond Mayz endeavouring to ition his Austin to replenish the radiator. (11) Segrave rith Ma wetti, also overtaking, in the backgroand.


## A COMPLETE GUIDE TO-

## ALL THE SMALL CARS of 1926

## MARKETED IN GREAT BRITAIN.


#### Abstract

AGLANCE through this complete guide to all the small car:s of 101016 marketed in Great Britain shows that there is no diminution in lhoir number; in fact, several concerns whose names, hitherto, have bean assuciated only with large cars have now entered the light car field. For the benefit of new readers we must point out that no car with an engine capacity exceecline 1.500 c.c.- the acknowledged and universally accepted limit for a litht car is included in this guide. Fvery effort has been made to ensure accuracy in the sjecifications which we publish below and on the succeeding pages. it is mossible. however, that certain last-minute alterations to prices and mechanical details mas not have been included. If necessary an errata paragraph will be published next week.


Supes Sportz. Marofacturers: A.B.C. Motore, A.B.C. Worka W.B.C. Engiz: Twocyinder A.B.C.- 9.16 mm . by 99.5 A mm.C. Worka, Walton. 1.320 c.c., overhisud valves air-cooled, spazb lnbrication, Fellows magncto, Zcnith car-


 won, quarterellistic lront. quaricr.elliptic rear. Electric ligbing. five-
 0 mm . Peirol tark bo!ds 7 Eaton, sump ho!ds 6 pints. Aluminiom


## The A.C. as an open touring two-seater.

bedy. Dimenaione: Wheelbaqe 8 it. 6 ins.. track 3 it. 11 ins., length 12 is., widith 5 it., ground clearance $81 / 2$ ins. Weight 12 cwi . 3 grs. STAND 176. A.c.

Two-scaity Hysal, 12.24 b.p.. 2333 ; four-seater, 2415 , rorti fourer. Mankater, 2375 : Counc, 2430, Sorereign model, 12.24 h.p, R300, gine: Four-cylindes, 69 mm . by 100 mm .. 1.496 c.c., side valves, watercooled by thermo-sjphon circulation, forced lubrication. M.L. or Lucas thagneto, Solex, Clauded-ilobson or Smith carbaretter, delachable head, thice-bearing crankshait. 16.2 to 1, reverse 22.1 to 1 , side control, final dxive by enclosed propelier shaft to worm and iult ditierencial. Brakes lexar whoela and transmiaslon. Guspension: Quarter-elliptle Jront and rear. Genteral details: Elsctrio lighting. fiveiamp act by C.A.V., starter by C.A. petiol tank hoids 7 gallons: approximate petrol m.p.g.illoontyres. Petrols colours, A.C. blie, dark blue, doro grey, ind violet, Wherlbase: Twoseater 8 it, 9 ina., tour-mester' 9 it. 3 ing.; track, 3 it. 9 ins.: geng:h, ixo-scater 11 It. 9 ins., lour-sealer 13 ft .6 Ina.: widih, 4 ft .9 ins. ground clearance, 9 ins. Weighl: Two-scater, $15 \mathrm{ewf} .:$ fourseatur, 16.4 cwt.
STAND 22a. prices nai yet fixed. Tax, 215 Manfariomei.
 H34

Lid., 54. Baher St.. London, W. 1 Engine. Si, Aivder, 62 mmo. by 82 mm., 1,487 e.c orerhead valseb kater-cooll by pump circulation, force lubrication, h-t. magnoto, detachable hed. lour-bearing crant:
Ehaft. Transmiesion: Multiple-disc clurch. scarbox, central control, final drive by enclosed thate to full difterentiol grakes, iront and rear wheeln. Subpension Inallechliplic frone and

STAND 101.
ALVIS.
 and Engineering Co., Lid., Lolyhead Road, Coreniry. Englue. Four-cyin. der Alvis, 68 mm. by 103 mm , 1,496 c.c.. overbead yaives, water-cooted magneto, Solex carburctlor, detachable head, fhrce-bearing crankshati. Traneroission: Single-plate disc clutch, lour-speed aeparate gearbox. ratios $4.77,7.3$. 11 and 18.5 to 1 . roverse 16.1 to 1 , side vontrol. final drive by open shalt to spiral bevel and full ditforential. Brakes: Froot whecla and rear whecla. Suspension: Scrai-ctiptio iront and rear.
 Pctrol tank holds 7 gallons, बump hoids 10 pinis Approzimaic petrol m.p.s., 30 to 35 . Standard body colours, polisicd mpromimume per ia
 whit, 4 ft. 9 ins. ground clearance, $81 / 3 \mathrm{ing}$. Welght, 19 cwi. Altoraengine and giarbox mounting on rubler, new irame, new method of brake operation.

AMILCAR.
7 h.p. model, two-seater, £185, tax 28 : 8.58 h-p. aports model, twoscaler, 2220; sports boat-type, 2250 ; boat-type, three-seater, 2260 ,

 Londón.


One of the fastest light cars- the Alvis.

# ${ }^{n e}$ Light Gar ${ }^{20}{ }^{\circ} \mathrm{C}$ © clc car 

## SMALL CALS (contc.)

Engine: Four-cylinder, Amilear ${ }^{7}$ h.p. Model.
water-cooled ly thermosiphon circulation. oppinsh lubrionlion, Sales. magneto, Solex carburcter. detnchable head. Transmission: Plate
 tevel and solid axle. Brakrs on rcar whecels. Suspenslont. Quarterelliptic tront and rair. General detaile. Electric lighting, five-lemp set.





The Spoxis Anilca: -a French car with an excellent repitfation.
Engiuc. Amilcar.-8.38 h.g Sports.


 berel solid axle. Brakes on rear whecls. Suspeusion Quarter elliphe factured by Ducellere, startur manulactured by Ducellier. Wire wheels,
 12 lt Weight. 8

Amilcar- 9.50 h.p. Model.
Engine: Four-cylinder, 60 mm . hy $95 \mathrm{~mm} ., 1,074$ c.c., side valres, neto, Solex carburetter. detachable bead. Transmiasion: Pi f. mak
 reverse 16 to 1, ventral control, Ginal drive by enclosed shatit to herel
and solid axle. Brikes tront and rear whels. Suspension. Mallelliptir front nnfl rear Genernl details: Electric lighting, fivelamp wheels, 700 mm . by 80 mm . Petrol tank holds 6 gallons; anproximate
petrol m.p.g., $45{ }^{2}$ lisody colours to choice. Wbeelbase, 8 it. Weight, 9 cwt 2 ars .

ARGYLL Two-seater, £415; lour-scater, £425; coupe, £525; saioon, £575. Engine: Four-cylinder, 68 mm . by io3 mm ., 1.496 c.c.. slecve valves. *ator-coled by thermo-snphon carculation, forco lubrication. M.L. magneto, Solex carbiretler. Lodge plugs, detachable bead, two-beariog crankhaft. Transmission: Singledisc Ferado-lined clutch, four-sped unit and direc:. rererse 5.1 to 1 righl-hand control. final drive by open shaft to iniral besel siring reduction of 4.5 to 1 , full diflerential. Brakes: Front whecls optional and extra, otherwise in rear whoels. Susponsion: Semi-elliplle front and rear. Goneral detaila: Electric lighting,
fivelamn set by Theas, Btarter by Lucas, disc wheels. 28 mm , by 4.95
 6 pints, approximato potrol m.p.g. 32. Standerd bods colours to choids Wheelbese. $9 \% .3$ ins. irack. $41 \mathrm{t} . ;$ iength. 12 tt .9 ins. width. 5 ft . ground clearance, 9 ins. Wcight of chassis, 12 cwit.: weight of completo
car, 20 cwt . No nlterations frons last yenr's inodels.

Full fourscater, price, standard f225, de luxe f235. occasional fourseater, alandard $£ 198$, do Iuxo $£ 210$ : Lax, $£ 9$ Manulacturess: Ariel
Works. Intd., Selly Oak, Blrmingham. Engino: Four-cylinder, 60 mm . by 97 mm ., $1.097 \mathrm{c} . \mathrm{C} .$, side valres, witer-cooled bs thermo-siphon circulation, lorco lubrication, Lucas magnclo, Smilt carburefter, delachablo head, threc-bearing orankshaft. Transmission: Cone clutch. threc-speed scparate gearbox, ratjos 4.82, 8.67, 15.61 to 1 , severse 11.1 to 1 . sido whecls Suspension: Front quarter-elliptic. Tear quarter-eniptic General detais: Electric lighting, fivo-lamp set by Lucas, suarter-eniptic. Genersl lory whecls: full four-seater, Dunlop $27-\mathrm{in}$. bs 4.4-in. tyres, occasional lour-scater, 26 -in, bj 3 -in. Igres Petrol tank holds $41 / 2$ gaplons: npproximato petrol m.p.g., SO. Slandard body colours: Four-seater, light gres: do luxo model, dark gres; occassonal 4-scater. crimson lako or dark bluc. scater, 10 ft . 10 ins, width 4 it .10 ins . Wciont, full lour-seater 15


With a sleeve-valve engine-the Argyll.

STAND G3.
8-10 h-p., four-seater and saloon, tax \&9. Manulacturcra: Autionobito
STAND G3.
8-10 h-p., four-seater and saloon, tax \&9. Manulacturcra: Autionobito Aries, Courlsevole. Seinc. France. Engide: Four-cylinder Aries, 66 mm by 96 mm . $1.085^{\circ}$ c.c., overhead valves, water-cooled by thermosipton circulation, force lubrication, h.-L, magneto, Zenith carburoter, detachtabo gearbox, ecotral control, left-ban=1 fecring final drire ty torque shafl to apiral bevel and tull dilterential. Braken: Druma on rear wheels. transmisaion brake formed by akow-driven enclosed drum on rear end of propeller ahaft. General details: Electric lizhting, firelamp act ly Ducellior. starter by Ducellier Disc whecls, Michelin Comfart tsres.

## 11-16 ASHTONEVANS.

tshton Enginecring Co., Type Eloorlgate Strcet, Birminghamacturers: Four-cylinder, 66 mm . by 110 mm . 1.49 a Strect. Birmingham. Engine thormo-siphon circulation, forco lubrication. M.L. mannclo Cooled by carburetter. Sphivz plugs, fixed had, twobearing crankishats trans mission: Inserled-cone clutch, three-speed separategearbox. ratios 4, 7.6 and 12.3 to 1 , reverse 13.2 to 1 . ceneral control, final drive by open sinatt $w$ bevel and full ditforontial. Brakes: IRear whecla internal-expanding and Luansmlesion. Suspension Underslung tranaverse Irond and by iiller. Artillers whecier, 26-1n. by 3-in. Dunlop tyrep. Pecrol tank
 Wheelbase, 8 fl.: track. 4 ft, venghh. 11 ft. 6 ins-: width. 5 ft.: ground clearance, gins. Weight, 10 cwt . 2 grs. Alcerations from last years finementa to chassis.

## ASTON-MARTIN

Chassia, C625. Manufacturors: Bamiord and Marin, Lid., 53. Abing. $\mathrm{mm} ., 1,486$ c.c, side ralres. Fater-cooled by pump circriation, forct lubrication, Watiord magneto, S.U., Solex or pump circulation, iorca plugs, fixed head, three-bearrag crankshaft. Transmission onclosed: H.C. Shaw, clutch, four-speed lorque-tubo gearbox. ratios $4.0,5.2,7.4$ and 14.1 to 1. aide control, final drivo bs enclosed ehalt to ipiral bevel and full differential. Brakes: Front and rear wheels, tranamission. Suspension. Semi-cliptic front and reax. General detaila: Electric lighting. fivelampsint, by Lucas, starter bs Lucas. Wiro wheels, 710 mm . by approximate petrol m.p.g.e 37.42 . Dimentions: Whee!base, 8 th 9 ine
 $61 / 2$ ins. Weight of chassia. 14 cwt , No alterations from last jearis models.


AUREA.
$10-20 \mathrm{~h}$ p., two-seater, with double dickey, s295; lour-meater, £310;

Engine: Four-cylinder, 65 mm . by $110 \mathrm{~mm} ., 1.460 \mathrm{c} . \mathrm{c} . \mathrm{m}_{\text {side }} \mathrm{rajce}$ water-cooled, by thermo-siphon circuiatipn, lorce lubrication, Marelli magneto, Solex carburoter. Transmission: Multiple-stecidiac clutch, four-speed torquetube gearbox, central control, fitst drive by enclosed shaft to berel and semi-clliptic rear. General details: Artilery whecls. 710 mm , br 90 mm Dunlon estes. Petrol tank holds 8 gallons. Dimensions: Wheclbase 8 fs .6 ins.: track. $4 \mathrm{ft} \cdot \mathrm{i}$ ground clearance. 9 ins. Weight, 10 cwt .

## Aurea.-Model 4,000



STAND 211 . AUSTIN SEVEN.
Two-seater chummy, $7.8 \mathrm{~h} . \mathrm{p}$. price $£ 149$, $12 \mathrm{x}, \mathrm{s} 8$; coupe, $7.8 \mathrm{~h} . \mathrm{p}$
 bridge, near Birmingham. Figine: Four-cylinder, 56 mm . by 76 mm ., 750 c.c., sido valrcs, water-cooled by thermo-siphon circulation. lorco lubrication, h.t. magueto, Zenith carburetter. detachable head. ivo bearing crankshaft. Transmission: Single-plate clutch, three-specd unit
construction gearbox, ratios 16.9 and 4.9 to 1, reveric 21 to 1, central control, Gnal drire by shaft to helical berel and full dillerential. Two Brakea: Front wheels by lever, rear whecis bs pedal. Suspension: Semielliptic transrerso front, quartereltipitio rear. Generul details: Electrio lighting, three-lamp set, by C.A.V., starter by C.A. V Wire wheels, Dunpiuts: approsimate petrol m.p.s.: 45-50. Stanciard body colours. Wheel 10 ins.: ground clearancu, 8,4 ing. Weight, $71 / 2 \mathrm{cwt}$. . No alecrations from last year.

## SMALL CARS (contd.)

## STAND 41. BAYLISS THOMAS.

 Two-sater, $10-22$ h.p., price 8245 ; Iour-scster. $10-22$ h.p.. fouring, price ع295: soloon. 12.27 h.p. four-door, price £380. Mannfacturers: Baslisa Thomas and Co., King: s Road. Tyselcy. Birmlngham.Bayllss Thomas.-10-22 h.p. Two-seater and Four-seater Models. Enginc: Fourecylinder, 63 mm . by $100 \mathrm{~mm} ., 1,247$ c.c. overhead ralves, water-cooled by thermo-piphon circulntion, force lubricatiou, h.-t. magneto, Cox Atmos carbureter, lodge plugs, tetachable bead, quobearing crandshaft. Transmission: lnveried-conc elatch, three-speed unit-
conmruction searbox, ratios $4.5,8.9$ and 17.0 to 1 , reserse 22.2 to 1 , central control, final drise by open shafic spiral bevel and fut: ditioren: tial. Brakes: Frant wheels, internaleapanding, f20 extra; rear whecla. internal-expanding in $10-i n$. drums. Suapencion: Scmi-elliplic front and rear. Gencral details: Electric lighling, five-lamp set, by Lucas starter
by Lucas. Artillery wheels kuitable for $27-\mathrm{in}$. by $4.40-\mathrm{in}$. Duntop cord by Lucas. Arljllery wheels suitable for 27 -in. by $4.40-\mathrm{in}$. Dunlop cord
balloon tyres. Petrol tank holds 5 , gallons, sump ho!ds 8 pints: approximate petrol m.p.s. 40-45. Sisndard bods colouri, blue or maroon. Itimensions: Wheclbace, 9 ft.i irack, 4 t1, 4 ins. ilengih. 13 it.: width, 5 ft. 2 ind : ground clearance, 8 ins. Weiphs, 15 cwt. 3 qri. Altera: ions from last year: O.ll.V. engine and balloon tyres incorporated as a

Bayliss Thomas.-10.22 II.p. Four-ieater De Luxe Model.
Enginc: Am above. Tran-mivilon: Inverted-cone clutch, three-specd to 1, central control, final drive by cpen shafit to spiral beviland fuil differcntial. Brakes: Front whesis. internal expanding 10 ind. drums. Rubury patiern: resr wheels, intelnal-expanding $10-i n g$ drame. Suspenblon, Eemi-elliptic front and rear. Genwral details: Electric lighing, fire
 sumg holds 8 pints: approximate petrol m.p.g. 40.45 . Standard bods: colours, Bastiss Thomas blue or maroon. Wheelbase, 9 ft, track, 4 tt .


Inerpensive and Comfortable-the Bayliss Thomas.

fin inexpens: ve French car-the Berliet.


The Bianch:-a newcomer to the ranks of light cars.


The 11.9 h.p. Bugattx as a touring four-seater ei30

4 ins.; lenglh, 13 ft.: width, 5 ft. 2 ins.; ground cicarance, 8 inn. balloon fyres, and front-shecl brakes incorporated as a standard fiment: improred coschwork and equipmen

Baylles Thomas.-12-27 h.p. Four-five-scater and Sa!oon.
Engine: Fourrylinder, 69 mm . by $100 \mathrm{~mm}, 1,496$ c.c., overhesd valtea, water-cooted by thermo-siphon circulation, force lubrication, b.t. magneto. Cox Atmos carburetter, Ledge pligs, detachable head. 1 wobearing crankshatt. Transmission: Inverted cone clutch, threc-specd unitcomstruction gearbox, ratios $45,8.9$ and 17.0 fontrol, final drive by open shaft to spiral bevel and full dif: ferential. Brakes: Front wheels, internalexpanding in $10-\mathrm{m}$. drumb operated by the pedal in conjunction with rear brakes; rear whecls, in-
ternat-expandiag in IO-in. drums. Suspension, semt-cHintic front and rear. General delails: Electric lighting, five-lamp set by Lucas, slarter by Lucas. Artillery "heon tres Pelrol lank holds 5 gallon., sump holds 8 pinis; approximalo petrol m.p-2.4 35 . Wheelbase, 9 1t.; 1 rack, 4114 ins. ground clearance, 8 ins. Alterations from last year's medels: F.W'. $\mathrm{B}^{\text {b }}$ incor
porated as slandard at no extra charge.

Two-scater, four-feater and coupe, prices not calcd, Tax, s8, Con:
 siphon circulation, force lubrication, h.t magncto. Transmission slate clutch, threc-speed rear axle gearbox, iatios 4.4. 6.8 and 13.9 to 1, side control, final dritc by bhaft to beiw and Eolid axle. Suspen-


## STAND 24. DERLIET.

 bridge Road, Twickenham. Enislne: Foul-clinder, 62 mm . by 96 mm.
 lorce lubrication, S.E.V. magneto, Zenith trigis dilluser carburetter, de-
tachable head, twobearing crankshaft. Ti th. . . . four-speed unit-conatructiongearbox, ratios $21.1,15.4,89$ and 5.9 to 1 reverse 22.1 to 1 , central control, tinall ditr by oness shaft io berel and inll diferendial. Brakes: Front wheels, mermat, panding; rear whecla. internal-expanding Suspenaion, semi-clliptic Iront aut rear. Geaeral
details: Ejectric lighting, five-lomp sel, by North East singleanit ds. details: Electric lighting, five-lamp sel, by North Eist singleanit ds.
namo and starter. Disc wheels, 750 mm . by 330 mul Sichelng tyret. Petrol tank holds 6 gallons, sump holds 8 pilis; approximate petrol


STAND 214.
DIANCHI.

 by 100 mm-. $1,300 \mathrm{cc}$., oserhead valves, wator-rooled by thermo-siphoo Pirculation, force lubrication. Marells magneto, /enilh carburetter Pognon- Banchi plugs, detachable head, three bearing crankehaft. Trans-
uission: Single-disc ciutch, lour-aped torguetubu gearbox, ade control, final drise bs enclosed shatt to helical bevel nnd full dilferential. Brakes? Front and rear whecla. Suspension: IIals. Hipic front and rear. Gencral detain: Electric lightieg, dive-lamp sel, by Bianchi, slarter by Marelli,
Artillery wheels, 715 mm , by 115 mm . Mirclli tyres. Peirol wak holds 6 galions, sump holds 8 pinte: approximato peirol im.p.g., 55 . Whec:-


 circulation, splash lubrication, Feltows magneto, Vici carburetter, A.C, Sphinx plags, fixed head, wo-bearing crankshaft. Transmission: Dry
 sion. Supension: Semi-elliptic Iront and rear. General details: Flectric lighting, fivetamp set, by Broll, 12 -volt ritarter, by Brolt. Artillery Wheels. 710 mmm . by 90 mm . Dunlop tyres. Petrol tank holds 6 gallons sump holds 16 pints; approximate pelrol m.p.g. 35 . Staudord body


STAND 216.
BUGATTI.
 Bugatti-Modificd Brescia (Types 22 and 23),
Enginc: Four-cylinder, 69 mm. by $100 \mathrm{~mm}, 7,496$ c.c. overhead ralves, water-cooler by pump eifer shalt. Transmission: Multipic-plato clutch, four-speed separate gearbox, ratios $3.4,4.5,6.5$ and 9 to 1 , reverse 11 to 1 , side control, final driva by open shaft to berel and full differential. Brakes: Front wheels, inter-nal-expanding, cablo opernled by the pedal; rear whecle, internal-cspanding, hand and oot controlled. Elespencion lighting, threctamp sel, by ter-elliplic rear. Geacral detail: Electric lighting, threc-lamp sel, by 710 mm . by 90 mm . Dunlop tyres. Perrol tank holds 7 gallons , sump holds 8 pinta; approximate petrol m.p.E., 30 . Body colours to choice.


 wheel brake; loot brake operates bolh front and rear braken.

## Bugatti.-Brescia Chassis (Type 13).

Engine: Four-cylinder, 69 mm . by 100 nim., 1,496 c.c., overhead valres, water-cooled by pump circulation, forced lubrication, two S.E.V. magnetos, Transmiasion: Multiple-plato clutch, four-speed separate gearbox, ratios $3.4,4.5,6.5$ and 9 to 1 , reversc in 101 , mide contral, final drive by apen shaft to bevel and full differential. Brakes: Front whecls, internalexpanding, cable operaled by pedal: rear whecls, internal-expanding, band and foot controlied, Susension : Irallecliptic front, quarterelinptic rear. Gencral details Marcchal el Vaucasson. Wire whecls, 710 mm . by
Vaucasson, starler by
90 mm . Duniop tyres. Petrol lank holds 7 gallona, sump holds 8 pints : 90 mm . Dunlop tyres. Petrol lank holds 7 salloni, sump holds 8 pints;
approximato petrol m.p.g., 30 . Body colours to choice. Wheelbane, 6 It . 5 ina.; track, 3 It. 9 ins.; ground clearanco and weight as above.

SMALI, C'ARS (contel)
STAND 105.
CALCOTT.
Twoscaler, C255: Iour-scater, \&265: 10-15 h.p., tax \&11. Calcott 1,456 c.c., sido valves, water-cooled by thermo-siphon circulation, plash lubrication, h.t. magneto, Zenuth carburotler, Formard plugs, detachable
head, lhrmebearing crankshaft. Transmission: Cone clutch, threc-apeed separalo gearbos. intios 14.5 , 8.65 and 4.36 to 1 reverso is 10 1, side
 Brakes : internalexpanding on rear whecls. Suspension: Scmi-elliplic ront and rear, Gioneral details: Finctric lighting, five-lamp sel. by Lucas, slarter ly Lucas dilynamoor). Artillery whools, 27 -in. by 440 -in.
Dunlop tyres. Pelrol tank holdo 6 gaifons, sump hoids 6 pints, approxi-

 15 cwi . 2 qrs.
STAND 31

## CALTHORPE.

10-20 h.p. models. Two iter £200, lour-seatcr £21.5, sajcan 2275 , wo-seater do luxe f209, lour-seater do luxe £235, ax £11 Calthorpo Motor Co., Lid., Cherrs Wood IRoad, Bordestey Green, Birmingham

Calthorpe.-Four-seater $\mathbf{1 0 - 2 0}$ h.p.
Engine.-Four-rylmixler, 65 mm . by 100 man. 1,328 c.c., dide valver, neo, Solex carburelter. A.C. Sphinx plugs, fixed head. twobearing crank shafl. Transmission: Cone clutch, threc-speed unut-construction gearbox,
ratios $4.7,8.3$ and 15.7 io 1 , side conutol, final drive by enclosed shafi o bevel and ful! differ-rial Brakes: Rear whecls expandine shoes Suspension: Quartrallintic spings front and reas. General delaila Electic lightios, fivelamp ili, by Rotax, starter by Rotax. Dise whecels, Dunloy 28 -in. by A 95 in. balloas tyre. Petrol lank hold, $51 / 2$ gallons,
sump holda 6 pints; approximato petrol m.p.g., $35-40$. Standard body

 models: Wheclbase increned from 8 ft 7 ins, to 8 ft. 10 ins. magneto gnition instend of baltery and-conl ignition; side gear change instead of central change.

## Calthorpc. $\mathbf{1 2} 20$ H.p. Fourseater

Engine Four-cyinder, 69 mm . by 100 m.m. 1.496 cac ., side ralves watcreooled by pumplirchlation, force lubricalion, M. L. magucto, Zenith
 ratios $4.8,8$ 4, 116 and 18 io 1 , side conlrol, final drive by open chat to bevel and full diflerential. Hrakes: Interaalecxpanding, rear wheels. Suspension: Semi-clluphe springs front and rear. Gcoeral de aids: Electric lighthrö. fisc-lamp gal hy Lucas, siarter by Lucas. Artil lery wheds stecl spoked, 29 -in. by 495 -in Dunlop balloon tyres. Pelrol




## STAND $3 a$

CEIRANO
14 h p.: Four-seatcr semi-sporting, s395; two seater coupe, £495: madu, f595, Hodoor.j 'Tax. four-scaler, \&495. ISpecial saloon also Automubli, Torino Concessicunaires: Newton and Bennett. Ltd. 46 Knightaridge, London, S.W. 1. Engine: Four-cylinder, 65 mm mit. 110 $311 m, 1,460$ c.c., overhead vaizes, wie er-cooled by pump circulation, jorco lubrication, Bosch luagnato. Zenith carburetter. Bosch plugn detachable ued, three-bearing crnnkshalt. Transmisaion: Multi-dise dry clutch. louraped unitconstruction gearbox, ratios $4.45,7.9,11.4$ and $20.42101, ~$
roverae 20.42 to 1 central contral final drivo by enclosed shafi to beral and full differential. Ifrakea. Front wheels. internal-axpanding Ceirano type rear whecla, internal-expanding side-by-side. Suspension: Semieliptic iront and rear. General details: Electric lighting. frelamp set by Bosch, starec by Bosch. Wire wheels, 765 mm . by 105 mm . Dunlop sras. Potrol lank holds 8 gallona, sump holds 8 pints: approximate petrolm.p.g., 35. Standard body colours, bluo |dark and light). cigar,
 Weight (chassus), 12 cwt . No alterations from last jear.
 6amun, \&270; tax, £9, 11 hp model, two-qenter, $£ 355$ : tourseater Charron, lıd., 7, Huc Ampere, 1 Puleaux, France. Concesaionnaire: C Joiner, 1, Thornion Place, Baker Street, London, W.1. Engine: Four cylinder, 58 mm . by 100 mm . 1.057 c.c., sido valres, water-cooled by thermosphon circulation, splash lubrication, Dacellier magneto, Zenith carburetter, Champion plugs, fixed head, two bearing crankishalt. Trans mission $12.6,85$ and 4.5 to 1 , central control final drive tuby gearbor to apiral herel and full differential. Brakes on rear wheela. Suspension. Scmi-elliptic front and rear. General detaila: Electric lighting det hy Ducellice, electric atarter by Ducellier. Disc whecls, 715 mam. by 115
 m.p.y 38.40 Standard body colours, grey, blue, green and maroon. 4 ft .5 inn. : ground clearance, $8 y_{2}$ ina. Weight, 13 cwt . approximatels:

## Charron.-11 h.p. Model

Eugine: Hour-cylinder, $66 \mathrm{~mm}_{\mathrm{m}}$, by $100 \mathrm{mam}, 1,500$ c.c., orerhead alvea water-cooled by thermo-siphog eirculation, spiash lubrication Ducellier magneto, Zenith carburetter. Cbampion plugs, delachable head. wo-hearing crankshnit. Mranemission singleainc clutch, fourspeed anit conatruction gearbox, ratios 4.9 . 65,9 and 16.5 to 1, centra contrul, final drive by enclosed shalt to apiral bevil nnd full differential. rcar. General defails: Electric lightíng, fivelamp set by Ducellicr. elertric starter by Ducellior. Wire wheck. 730 mm by 130 mm .. Micinelin tyres. Petrol tank holds 12 gallona: appraximate petrol m.p.g.. 32 . Standard body colour, grey, bluc, green nnil maroon. Wheelbasp,
 2 ins. : ground clearance, 8 ins. Welght. 13 cwt approximately. Alt
tions irom last year modelg, longer wheelbase and wider irack.
STAND 45 . CHENARDWALCKER

Saloon, 11-22 h.p., e395. Thx, cl2. Manulacturers: Chenard et Walckar, Gennerilliers, Seinc. Concessionnaircs: Archie Simons and Co., 94 . Gt. Porland Sircet. London. Fingine: Four-cylinder. 69 man. by 100 mm., 1.496 c.e., side valves, water-cooled by therma-siphon circulation, lorco. Jubrication, Ducellier magneto. Solex carburcter. Champion pluga, delachoble head, twobearing rankshalt. Transmission: Forodo


The 11.4 h.p. English body Cirroea.


## Value for money - the $\mathbf{1 3} \mathbf{h . p . ~ C l y n o . ~}$

control. final drive by enciosed shalt to bevel and fult dilferential Brakes: Front whecls, Porrot tyue. Ferodo linings, and rear wheclat. Sus pension: ILalf-elliptic and Houdaille shock absorbers. 1ront and rear General dotails: Electrio lighting, fire-lamp get by Nuce.lier. Marter by Gamont. Disc or wire wheels, 850 mm. by ind man. Ne 35 . Standard
 lemsth, 12 ft. 8 ins.; widin. 4 ft. 10 ing-; ground clesrance, 9 ins Weight. 2235 cmt .

CITROEN.

## STAND 29.

$7.5 \mathrm{h.p}$ models, threeseater clorerleat, eI45: coupt, f155: iaN. f8 $11.4 \mathrm{~h} . \mathrm{p}$. modela (English body), two deater, $£ 205$ : luur-seaker. $£ 210$ enpe 245: coupo 2275: landaulet. 2295. Manulacturers: Chiroen Cars, Lid., Brook Green, Hammersmith, Londou.
7.5 h.p. Model.


## Clitroen. -11.4 h.p. Modcls.

Engine: Fourcylinder, 68 mm by 110 mm .1 .453 c.c., side vulves, water-cuoled by thermo-siphon circulation. force lubrication, R. B. mac neto, Solox carburetter. detachable bead and twobearing cradis 37

## SMALLL C.IRS (contd.)

Transmiation: Plate ciutch, thricespece unit-conatruction gcaroor ratios
 protion: Qunterelliptic frent and rcar General detais iviletric lifhting, ive-lamp ect, elcertric starter. Disc wheilg, 730 mm. by 130 mm. Nichelin
 adth. 4 ft. 10 ing.: ground clearance, E ins. weight, 17 cwi. 1 ar Altcrations frum lati year. Enelish hody touring cars have aluminlum pibt M1F, larger brakes nud ia:Eer diameter cravkhafts.
STAND 33.
cluley.
 Covs: lax elic. Manutacturcre: Ciarkc, Cluley and Co. Giobo Works, values, water-cooled by tharmo-sighon circulation, fonce lubrication, M.L magneto, Soles carburelier. Lodge plugs. detachable nead, iworbearing crankshalt. Tranemission: Core Ferodo-lined clutch, threc-specd unit construction \&carbex, ratios 15.8 and 4.4 to 1 , reserse 4.4 to 1 , ceneral Control, final drire bs open shaft 10 snirni berel and full differental enang rear. Gencral details: Electric lighting, fivelamp sel. by Lucas Atarer by Lucas. Artillery whecls, 19-in. Es, 5 I/-in. Dunlop balloou




## CLYDE.

$8 \mathrm{~h} . \mathrm{p} ., \mathrm{price}$ nut stated, tax $\kappa 9$. Manulacturers: Clyde Motor Co. Quecn Sircet, Letcester. Figinc: Two-cytinder, 82 mm . by 95 mm . 1.003 c.c. side valves, water-cooled by pump circulation, forec lubrica ion, Zenith carbureticr, fixed head, two-bcaring crankshaft, Trans-
mission: Cone cluteh. threc-specd separate gearbox. ratios, $4 \%$, gis and
 10 hevel gear and full differential. Clyde special gearbox, all formard gears canaged ly sliding dof clutches. Brakes: On rear whecels. Suspension semi-clliptic front and rear. Gencral delalk: Electric ighting, thrce lamp sel, manufactured by Lucas. Artillery whecls, 760 inm, by 90
man. Dunlop tyres. Pelrol tank holds 41 gallons, sump holds six mints, Dunlop tyres. petrol m.p.b. 34 . Standard body, colours, blue and

 Alterations irom list year: Forced lubrication, longer springs, wider

## STAND 59.

CLYNO.
 ci70: 11 h.p. orcesional fourscater, $\varepsilon 172$ 1Us.: 11 h.p. occasional $11 \mathrm{~h} . \mathrm{p}$. four-scaler whh. four-wheel lrakes. $\varepsilon 190$ : $11 \mathrm{li.p}$. Royal twokcatir with four-wheel brakes $\kappa 220 ; 11$ h.p. Hosal fourseater with icur-whel brakee, $£ 230$ il h.p. fourdoor saloon with four-whcel lirabis, £265: tax on all morlele, $£ 11$. Manulacturers: The Clyno Fonf-cylinder, 66 mm . by 100 mm . 1,368 c.c., side valres, water-cooled by thermo-siphon circulation. splaih lubrication. F.I.C. magneto, Cox rerburetter, detarhatile head, tho-bearing crankshalt. Transmission: Cove cluteh, thrcespecd torquetube goarbox, ratios $4.55,8.5$ and

15.7 to 1 . reverse 12.6 to 1 , side control. final drive by enclosed shate to spiral hevel and full difercntial: Brakes: Front-whecl internal exlanding bs fool. rcar wheels internal-expanding hand and foot. Susfivelamp set by C.A.V. giarier by C.A.V. Gracral details: Elcetric lightiog. an. Dunlop tyres Fetrol tank holds 5 gallons, sump holds 5 pinca ap
 12 ft royal bluc. Whelluase: 8 ft 9 ins.i track. 4 it.: length, tions from last year: New design irvat a=le. l.w.b., redesigned chasals frame and euepcnsion.

## Clyno.-13 h.p. Model.

 inm.. 1.496 c.c., blic valres, water-cooled by thermo-siphon circulation !ubrica亡ín by plunger pump, high-tension makneto. three-bearing crankcbalt. Tranemission: Iarge-diameter fabric-lined internal-como clutch, thec sjecd and reversc gearbox, piral-berel rear axle wilh full differen-
lial. Brakes: Arl on all four whicels, internal-expanding shoca front lial. Brakes: Arl on all four whcela, internal-expanding shoca front Suapension: Scmifelliptiv front, eingle cantilerer rear. General datails : 2- Tole rlectric lighting and etarling et, Dunlop balioon isres, 28 ine. by 45 int.., zprink sailers and rery compluto cquipment. Thin is an entircly new model.

## COVENTRY-VICTOR THREE.WHEELER.

 75 mm . by 78 mm .688 c.c., side valres, water-cooled by thermp-sinhon
 lodge sluge, fixed head, threcebearing camshalt, Transmission: Single-
 wheel. Drakes: hear whecls and iransmisatun. Suspension: Quarterelliptics front and rear. Gencral detaile: Flectric liubting. ihree-lamp set by Luras or C.A.V., starter by I. ucas or C.A.V. Wixe whers,
710 mm . by 85 mm . tyres, Petrol iank holds $21 / 2 \mathrm{galion}$, sump hold higallon, hproximate petrel in.p.g. 65 . Standard lody colour red, Weight rict 2 ars.

B38

 Street. Corentry. Can bo seen nt Gordon Watney and Co., Y.td., ol, Brook Strect. Iondon,

Climax Engine Madel.
Engine: Funr-cylinder, 66 mm . by 100 mm, 1.368 cec. side valres, water-cooled by thermosiphon circulation, force lubrication, Blic or
Fellows magneto, Cox Almos carburcter, A.C. Sphinx plugs. delachable head, twobeuring crankshaft. Transmission: Invertcd ione Jerodolined elutch, threc-spect lorque-lube gearbox, ratics $4.4,7.75$ andi 14 to spiral bevel and full difierential. Drakes: Firnint aud rear whecls.


 4 fl. leagth, 14 te. width, A ft. 8 ins: : Fran

## Grouch-Anranl Engine Model.

Fingine: Four-cylinder. 69 mm . by 100 mm .1 .496 ..... side ralvea, Fellowa magnelo, Cox Atmos carburctler, A.C. Sjihinx piliga, jetachabie head, three-benring crankshaft. Transmianion: Jriverted cone Ferocio



W:th a car specification but on'y three whee:s-the Frerch D'Yrsan.
to spiral berel and full diferential Brake. Fioth and rear rilicels
Sushension: Duplex quater-elliplic front


 уезт.

## STAND 215. DE DION BOUTON.

 Street Lan, tax Elo. 110 mm London. W. 1.328 . Engine detaifs: Four-cylinics, 62 mm m by lation, forced lubrication. Bosch inagneto, solex earlure:ter detachable head. :wo-bearikg crankskaft. Transmisgion: Dry plate rlutch, four-speth
unit gearbox. central control. final drive by enclosed shait to full dif terential. Brakes: Fiont wheels nnd rear whecls. Suspension: Seni elliptic front, cantilever rear. General detniln: Vilectric lightisn five-

 3 ft
weight
12 k
cwt
$9.20 \mathrm{h.p}$ models: Two-scater sloulic dickey $£ 775$, lour zeater $£ 198$,

 Works, Londún, S.E.27.

## Standard 9-20 1r.p.

Engine: Vinur-rylinder. 60 mm by 90 inn... 7,027 c.c., since ralres. magncto. Zenith carburctler. K.I.K ylug巨, detachable head, iwo-bearing crankshatt. Transmiasion: Inverled conc clutch, threespleced unit con-
 tal control, final drive by open shaft 10 apiral berel and full diticrenial. Brakes: Fronl whecla $\boldsymbol{c}_{10} 0$ extra, rear whecla two internal-expanding, Suspenaion: Quarter-elliplic Iront, quarter-elliptic rear, Giencral delalls: Flestric lighting. firc-lamp sump holds 4 pints, approximate pelrol m.p.f. 45.50 . Siandari lady colours Panhard red and electric bluc, Whuclbase: 8 if. 9 ins.
 ycar.

## Derck.-10.25 li.p. Ee Luxe.

Fingine: Four-cylinder, 63 mm by 200 mm 1.247 c.e orcrhead Balice, mater-cooled by thermosinhon cox Atmos or Zenith carburetter. K.L.G. jluga, detachable head, thrce-bearing crankshatt. 'Transmiasion: incerted cone cluteh. ihrecespecd unit construction frarbox, ration 14, 71; and 41: to 1. reverse 18 to 1 , central or slde rontrol, final driec hy enclosed nlate
to spiral bevel and full diticrential. Drakes: Front whecla fio extra,

## NEXT WEEK-

"tHE LIGHT CAR AND CYCLECAA" SECOND SHOW NUMBER,

3d. as usual.

## REASONS WHY THE AMAZING $\mathcal{A} G$ IS WORTH MORE THAN ANY OTHER



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 features of highly advanced design. In this way, exclusive A-C points cannot be copied by competitors, and that is why the A-C car stands out in its class without imitation and enables the A-C Company to offer the public a car that is the equal in quality of the most expensive car in the world with the A-C three years' guarantee.

OLYMPIA MOTOR SHOW_ -STAND No. 176 12 h.p. 4 -cyl. 2 -sealers from $\mathbf{8} 300 \quad 12$ hip. 4 -cyl. 4 -seaters from 295 ( 6 maths. guaranteed) or $\mathcal{\&} 335$ ( 3years guaranteed).
All typ s of bodies. We are now prepared to supply a second door on open two-seater bodies at an extra charge of $£ 5$.


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Full range of $A-C$ Cars at
55/56, PALL MALL, LONDON, S.W.i,
where old cars can be changed for new ones, as at all our other agents.


October 2, 1025.
SMALLCARS (contd.)







D'YRSAN
 racing E160 tax £4. Manufacturcrs: D'Yısan Car Co., 33 , Kinnerton Street, Knightshbidge, S.W. 1 Engine: Four-cylinder Ruby sports model,
57 rum, yot c.c., overhcad valves, water-cooled by thermosinhon circulation, force jubriestion, Duccllicr or Saga magneto, Solex carburcter detach-
able bead. two-benring crankshaft. Transmission. Disc clutch, threable bead two-bcaring crankshaft. Transmission Disc clutch. threesped unit-conctrumion gearbox: ralios, top gear sports 4 to 1 , touring
s. $y$ to 1 . geniral control, final drive by enclosed shat to berel and chain. Eraikes: Frone and rear whecls. Sy enclosed shaft to berel and eltiptic front, quartcreclintic rear. General details: Electrio gighting. thre-lamn set, mannfacturcd by Lucas or C.A. V., starter manulacturcd ky Durellier. Wh, whecls, 700 mm . by 80 mm . Petrol tank holds 4 fallons, sump holde 6 pinis, approximale petrol m.p.g. 50. Etannard
body colours aluminiub, red nind blue. Wheelbnse: 8 it.; erack, 4 fe.



1he Latest Eric-Campbell sports mede
ENFIELD.ALLDAY. Fouracater, 10 h.p. price £325; saloon, grice $£ 325$; tax $£ 10$. Ileath, Birmingiam. Engine: Four-cylinder, 63.5 mm . by 117.5 mm . 1,488 c.c., side valves. water-cooled by thermo-siphon circulation, force labricalion, B.I'11. masneto, Zenilh carburetcer, fixed head. Transmis Giun: Fabric clutch, threc-sped separato gearbor, ratios 4.75 , 7.9
and 15.7 to 1 , reverse 22.5 to 1, aide control, final drive by shaft io level and full diflerential. Brakes on rear whels and transmission at rear of gearbox. Suspension. Iralleelliptic front, cantilover rear. General detalls: Electric lighting, five-lamy sct and electric starter. Artillery whecls, $30-\mathrm{in}$. liy $31 / 4-\mathrm{in}$. (iundyear tyres. Pelrol tank holds 8 gallons. approximate pelrol m.ng. $5:$. Siandard body colouri, Firenelı grey and 4 ti. 10 uns.; ground clearance, 9 ina.

## STAND 16.

## ERIC-CAMPBELL

12.30 li.p. ${ }^{2}$ win-sealer sports. Jour-srater sports, couné with dickey Metal Works 119 igi, Lid., Durda? Works. Southall, Middlesex.

Eric-Campbell.-Coupc.
Engine: Four-cylinder, 69 mm . by 100 mm , 1.496 c.c., side ralves, water-cooled by thermo-siphon circulation, forco lubrication, B.T.II. magneto, Zenith earburetter, Lodge plugs, detachahlo head, threc-bearing
crankshalt. Transmisaion: Ferodo-lined cone clutch. threc-speed separato fearbor, ratios $41-5$, 8 and 13 to 1 . reverso 13 to 1 , central control, Gnal drive by open hiaft to aniral bevel and full difterential. Brakes:


## An exponent of friction drive-the G.W.K.

peraion: Ollset seml-elllptle front, fult cantilever rear. General defals: Ejectric lighting, five-lamp set by C.A.V., starter by C.A.V. Disc Whecls, 730 mm . by 130 mm . Clincher tyres, petrol iank holda $41 f_{j}$
gallons, sunp holds 6 pints, approximato petrol mipg. 30 . Bods colours

 model, chassis detasta tho same for all models.

thi ight Gar<br>${ }^{\text {wow }}$ Oclecar



 coupd \&4jS, tax cili front-wheel brakes $£ 15$ extra. Manuiactnrers: Flat, Turin. Italy. Concesslonnairea: Flat IEnglandi. Etd. 43-44.
Albemarle Strect. London.

## Fiat. -7 h.p. Modele.

Engine. Four-cslinder, 57 mm . by 97 mm .990 c.c orerbead valves. water-coaled by thernio-siphon circulation, larco lubrication, highten. sion magneto, Fist carburcter, delachablo head, twobearing crankconstruction gearbox. Central control, final drive by enclosed shaft to bevel and fult differensial internat expanding whecls internalexpanding Servo type), rear wheels General details: Filectric lifhtiong, femi-chiphelamp set by Fiat, alarter by Fiat. Alcel artillery wheels, 715 mm . by 115 mm . Wichelin Comfort tyres. Peirol tank holdia $5 \frac{1}{i}$ gallons, sump hold
 67.8 ing. Weight (chissis), $10 \% \mathrm{cmi}$


Fiat. $\mathbf{- 1 0 . 1 5}$ h.p. (Ty口ed 501 and 502).
Enginc: Four-cylinder, 65 nm . by $110 \mathrm{~mm}, 1,460.23 \mathrm{c} . \mathrm{c}$. side valres. Cl magneto. Fiat carburetter Champion plugs. detachable head bearing crankshalt. Transmission: Multi-stecl diac clutch, four-specd and reverse unit construction ticartox, ratios $22.63,12.83,8.94$ and 5.11 to 1, reverse 17.33 to 1, side control, final drive by enclosed shaft to berel and full dilierential. Grales: Front wheels internal-cepanding where fitted. rear wheels internal-expanding. Suspension: Semi-cltiptic

 tyres. Petrol tank holds (model 501 ) 9 gallons, (model 5021 6 $1 / 2$ gallons, ump holds 6 pints. Model 501 . Wheclanse, 8 fe. $81 / 1$ ins. tract:

 3 ins. width (car)
(chatsig), 131 cwt.

STAND 186
F.N.
 four-door, 11 jo h.p, $£ 485$; semi-sporting four-seater, Belgium Concesionnaires: F. (England). Itd., Kimberley Road. London. N.W.6. Engine: Four-cylinder. 65 mm . by $100 \mathrm{mbr}$.1.500 e e.,

 threc-bearing crankshaft. Transmission: Single-plate clutch, threc-speed central control, final drize by open hatt ro spiral bevel and lull ditucrential. Brabes: Frost wheelo internal-expanding, rear wheels interaal-expanding. Suspension: Semi-elliptio springs hront add rear. Gencial derama. Eiectric lighting. fivelamp set by Bosch. starter by Bosch. Artillery whecli: 750 mm . by 150 mma Ilunlop tyes. Petrol tank holda 10 gai.
 6 ins.; width, 5 ft .: ground clearance, $7!5$ ing. Weighl of ibassis. FRAZER.NASH.
Two-sunter fast lourer. £299 5s.: threc-scater last tourer 8315 :

 London rioal Kinsston-on-Thances. Can be seen at London Raad Kingston-on-Thames. Ensine: Four-cyliniler, 69 mm . by 100 mm ., ubrication. AL valves, water-cooled by thermo-siphon circulan. ioren lubrication, M.L, magncio. Solex carburetter: A.C. plugs. detachable bead, itreebebring crankshaft. Tranamisuion: Feracholined disc clut

## S.MALL C.ARS (contd.)

Three spends, ratios 3.8, 5.4 , 11.6 to 1 or to order, reverse 13 to 1, side control, open propeller shati, spiral bevel to crnes-shaft thenoo by Brakes: Front wheels f20 exira to all mudels. rar whe els internal ox Yendilig. Saspension: Quarterellinitc. front and rear. General delails: verth wiru uherls, 700 mm . by $80 \mathrm{n}: \mathrm{m}$. Pctrol tank holds 5 ! g gallons. ngproximate petrol mp.g. 40 Standard body finish, polithed aluminium.
 Alieraions irom last $\bar{y}$ cara models: Boulogne model has apecial engioe,
$10 \mathrm{~h} . \mathrm{p}$ four-pater, $£ 90$ 15s.; fully equipped. $£ 99159$ GibBons. Manulaciurers: Gibbung Cyclecar Co Station Road. Chatiell lianth Eivex. Engine Tworylinder 85 mm , Ly 97 nmm., 1,100 c.c.e side ladge, plugs, fxed hend, imo-bearing iranksbats. Transmistion: Muluple buc clutch, three-xpeal oeparate Sturwies-Archer gearbox, ratios 4.5 , 6.6 and 13.2 to 1 Eragine nal gearbox on side of body enclosed in special bousing, gear control on dashbiard, all-chain drive to one roar whecl Biakes: Internal expanding and external contracting on rear whecls
Suspension : Single belical spring tront, © springs rear. General details Ace:tene lighting. hrechmpp sfi hy T. W: R . Fixed wire wheels, 26 205. by 2!'s ins. Avon tyince Petrol iank bolds 21. gallons, approximato perrol
track,
3 clearance. 9 ing. Weifht. 4 ewt. Alteraticns from hast ycar's medels $10 \mathrm{~h} . \mathrm{p}$. in place of $8 \mathrm{~h} . \mathrm{D}$. Blackburne engine.
G.N.
 1) 345 reater, $£ 28$; $12-45$ h.p. sports. $f 295$; 1250 h.p. super sports Orib, I-ondon S.w. Eis. Eine: Four-crlinder, 69 mm by 100 mm 1.496 coc. side ralves, water-c.oled by hermotiphon circulation, mma Mbrication, magncto ignition. Zenilt or Solix carburetter, Lodge pluge, Cischable henit threchearing crankshath. Transmission: Single dry piate Nutch, ihres speceds, ra:ics $101,5.7$ to 1 and 12.5 to 1 reihence bs chain to solid bact axle, giving direct drive on all geare 1:rakes on rear whols Suspension Quarterelliptic front and rear. Gereral delajls: Eleotric Lightin巨, ibree-lamp set by Milite, electrio tarter (Miller) $\varepsilon 1010$ extra. Wire wheels: 700 mm , by 800 mm., Dun-
 mininm, black wings, nicke fittings ll beclbase, 8 ft 6 ins.; track


## GNOME

 Nanulacturere: Gnome Cars fito (dual ignition 25s. extra). Mills carluroticr, K.L.G. pluga, fixe lead, two-bearing cranksbatt. Transmission: Friction drive, ratios 6.2 \&.2, 11.5 and 19.4 to 1 side control. Iriction gear final chain drive to ;olid rear axle. Brakes: Intcrnal expanding on rar wheels. Suspenonn set by Taw Afg. Co ticl-starcer Cperated Irom ocat. Wiro wheels: 27 ins. bs 4.40 ing.,
 5 ins.: width. 4 ft. ground clearance, 6 ine. Weight, alandard 4 cwt. machanism. inoorporatios roller lrec wheel in place of ratchet.
STAND 52 . 10 b.p. 15pe II. £2:25: fourscater 10hp lspe G.W.K.
 fcupe Manulacturers: G.W.K., Ltd., Cordwalles Worke, Maiderhead.
G.W.K.-Type H.

Note: The kand oosairolled model is not gited with front-wheel brakef.)


Euilt in the Wes: Country-the Hampton.


Another West-country built car-the Horstman.
ralues, water-cooled by thermo-siphon circulation, pump and eplash Mubriention, M.L magneto, Cox Atmos carbiretier, Lodge plugs, detach
able heal, iwobearing crankshatt drive, variable pled ratios belween 4.5 and 14101 nocrac 14101
 tal Braker: front wheclstinter.al expanding, rear wheels internal ex
 C.A.v starer by C.A.V Wiro whecls: 27 ina. by 4.40 tas.. Innlop tyrch Pelrol innk holds 5 gallons, sump holds 6 pinis, approximate peirol

 ewt. Ao-sater 15 cwt, coupe 15 cwt 2 ars. Aherrtions from lati addiitional accessories.

## G.W.K.-Type HK

Engive: Four-eylinder G.W.K., 65 mum by $100 \mathrm{~mm}, 1.368$ ce. side ralves, water-cooled by therruo-siphon circulantion, pump and splnshinbri-
calton, M.L. magneto, Cox Atmos carburcter, Lougo ,lugs, deinchable bead iwo-bearing crankıhalt. Transmiesion: own matent friction drive ariabio speed ratios becween shits to helical gears and fuld differential Brahes: Rear wheels internal expanding, trangmiesion contracting thoes Suspension: Quarter-elliptin iront and ear. Geveral detail Electric light 440 ins. Dunlop tyres. Petrol tank bolds 5 gallons, sump holds 6 ping
 clenrance, 9 ins. Welght. 14 cwit. 2 crs. New mode

GVIYNNE.
 55 mm . by 100 mm ., $949 \mathrm{c} . \mathrm{c}$, overhead valves, waler collol by thermo siphon circulation, forco lubrication. Fellows magneio, \& U carburet ter, dotachable hcad. Transmission: Leather cone clatch, ibrce-pped
 tial. Brakes on rear whels. Suspension: Hallellin! frimt and rear. General delails: Artillery wheels, Dunlop balloon 1.it Petril lauk


STAND 19.
HAMPTON.


 Zenith carbureter, detachable head, three-benring , Nh, Init: un, de luse
 Bratrol. Gnal drive by open shate to epiral bevel and full differential Gencrai dolals: Elecisio lighting. Gwe-lamp cet, andi man, Artillery


 6 ins.i wioth, 5 It. de luxe model 5 it. 2 ins i ground elearance, 9 fos. de luxe medel
harper runabout Single-seater, threc-whecler, with pillion, $£ 8017 \mathrm{~B}$. $21, \mathrm{~h}$, : $1 a x, \mathrm{f} 4$ Manulacturera Harper Notors, Johnson Strect, Old Tratiord. Man e. air-cooled force lobrication, Villicrs flywhel magneto. Zedilth car buretter, fixed head. Tranemiseion Single-disc clutch. thrit speds. side control, final drive by chains. Brakes: Yadepentlent hand and foot. Suapension: Quarterelliptic front and rear. Gencral details: Acelyleno Petrol tank holds 2 gallons. approximate petrol m. p. F . 90 . Stanilard



The latest Humber light car has a 9 h.p. engine.


The imperia has an efficient slide-valve engine.

PEUGEOT (ENGLAND) LTD., 80, BROMPTON ROAD, LONDON, S.W. 3
High-grade products of a greal organisation operating 14 modern factories.
FAJIOUS FOR OVER THIRTY YEARS.

SMALL CARS (contd.)
STAND 42.
Four-seater 11 h.p. $£ 190$ Tax fll. Manulacturers TERON.

 twobearing orankshati. Tr. Th. magneto. Lodge plugs, detachablo head, shruction gearbox central control, final drive by chen thaft to spirnl
berel and full differential. Brakes: Intcrnal expanding rear whels beral and full dificrential Rrakes: Internal expandicg rear wheels



$\therefore$ In ? owett as a rcomy and inexpensive saloon.
honstman.

 mim. by $100 \mathrm{nmm}, 1,498$..ily valves, water-cooled by thermo-siphon earburetter, K.L. (G. or for, athension magneto, Solex or Cox Aimos craburcter, Tri.G. or 1.o.in. Mlugs, detachnblo head, threc-bearing tion gearbox. ration $4.55,5.8,9.9$ and 14.2 to 1 , reverso 19 io 1 , sido Control, final drive by cnclosed thatt to spiral bevel and full differontial Braken: Fool, hydranl.ally operated iniernal-expanding on all whels :
hand internal-expanding in icar wheels. Suspension: Full camilerer Pront and rear. Gencrai delants: Electrio lighting. five-lamp set, electric





## STAND 213.

humber.
 53 mma by 100 mm . 1.056 c.c. ade crhaust and ovorhcad inlet ralves watcr cooled by thermosinhon circulation, splash lubrication, Lucas mag: neto, Cox Atmos carburetter. Lodgo phags. detachable head, twoberarigg gearbox, ratios 16.6 . 9.5 nad 4.5 to 1 , side control, Anal drive by open shaft to spiral bevel and tull dilterential. Braker: Mandoperated con(racting band on renr wheels, foot-operated contracting band on transtrio hathing. nvelamp set and starter, by Lucas Gynamotor. Artillery wheces, $27-\mathrm{in}$. by $4.4-\mathrm{in}$. Dunlop tyres. Potrol tank holds 7 galions. sump holds 3 pintis approximate petrol m.p.g., $36-38$. Siandard body colours. 4 onen cars. IIumber mole. black wings Whelbage, 8 it. 6 ins.; track.
 Humber. Autoram greasc-gun chassem model dorcloped trom 8 - 18 h.p. reed; Lucas automatic screen wiper; semi-elliptic springs: new lrame and
brakework.


Famed for competilion successes-the Lea-Francis. STANO 52. IMPERIA. Sporla, 10 h. ... f450, Tas. $£ 11$. Manufacturers: C.W.K.. Lid., Cord-
 tion, nump and splash lubrication, Bosch nas neto Soles carburctier losiso pluya, delachablo bead. ewobearing craokshatt. Transmistion: Single-plato elutch, tour-speed unit-construction gearbox, ratios 5.1, 6.7. 10.2 and 20.4 to 1 , reverse 18 to 1 , central control final drite by open shatt to spiral bevel aud full differential. Brakes: Expanding shoes on tront and rear whela, transmission, expanding shoup (servo action,
 salons.
 12 it. 1 widuh, 4 tit. 10 ins. ground dearnoc. 9 los. Welght, 15 cmt .

JAPPIC.
Two-seater racing car (see footnote). Manufacturere: Jarvis and Sous,
 tion, M.L. magneto. Amac carburetter, K.L.G. plugs. detachable head twa-bearing crankbatt. Tranamisaion: Multi-plate ctutch. tbree-anced separate cearbox, ratios $6-8$ and 12 to 1 , alde conirol, all-chain drive to aolid axle. Brakes: Internalexpanding on front and rear whels. Sull penalion : Wiuarter-elliptic front, reverted quarterelliptic rear. Gencral
detaila holde 3 gallons, oit tank 1 gallon: approximate petrol m.p.g. 60 Standard body ninish. Aluminium, with ged wheela and chassia. Wheelhase, 7 ft. : track, 3 te. 6 ina.: leugtb 10 te. width, 4 ft . 2 ins.: ground clearance, 4 ina. Weight 4 ewt. Note.-This ryciecar is only made 10 o.b.v. racing model can also he aupplied.

## JEWELL.





## Jewell.-9. $\mathrm{A} . \mathrm{p}$. Model.

Engine: Four-cylituder. 63 mm . by $100 \mathrm{~mm} .{ }^{0} 1.247 \mathrm{cc}$., uverhead
 ablo head, two-bearing crankehatt. Tranemiation: Inverted cone clutch. three-apecd unit construction searbor. ration 4 1-3. $71 /$ and $141 /$ to 1 , and aolid axle. Brakes: Front whecls \&12 extra, opar wheela internalexpanding. Suapension: Quart-r-elliptic Iront, double quarter-elliptic rear. General details: Electric lighting. Give-lamp aet by Lucat atarter by fucas. Disc whecle, 700 mm . by 80 mm. Dunkp tyres. Peirol tank bolds 61/ gallons, sump holds, 6 pints. Anproximate petrnl m.p.
 Dotail modifications to types of body which were fitted last year: no chassis alte:ations.

## 11.9 h.p. Model.

Eoginc: Four-cylioder, 69 mm . by 100 nim.. 1.496 c.c. overheal Falves, water-cooled by thermo-siphon circulation, pump anil trough lachable head, two-bearing crankshalt, otherwise game is 9.8. h.p. model.


## The 12 h.p. Lagonds saloon in its latest form. The

 head is of the fixed type.STAND 98. JOWETT.
 C200: light four-seater, 7

## Short Wheclbase Chasais (Two-seater and Light Faur-seater)

Engine: Twocylinder horizontally opposcd Jowett, 75.4 mm. by 101.5 mon. lubrication, coil ignition, Zenith carburcter. A.C. Sphinx plugs, Axed heads, iwo-bearing crankshatt. Transmission: Brass-bonded asbestó cone clutch, threespeed $u n i t ~ c o n s t r u c t i o n ~ g e a r b o x, ~ r a t i o s ~$
and 15.1 to 1 , reverse 20.65 to 1 , 7.64
ade control. final drive by open and 15.1 tu 1 , reverse 20.65 to 1 , side control. final drive by open contracting bands. Transmisaion: exterasi-contracting band. Suspenaion. Semielliptio front and rear. General details: Electrio lightiug. three-lamp set, manufactured by Lucas, fire-lamp eet on saluoll, threelamp set all other models, atarter by Lucas. Artillery wheels, 26-in.
by 3 -in., Unalop balloan tyres. Petrol tank bolds 6 gallons, sump hulds
 Rojal blue, deep biscuit. Dimensions of tso-seater wheelbase. 7 It.: track, 3 ft .9 ins. length (two-seaterl. $10 \mathrm{it}$. . width. 4 it $5 \mathrm{ina.}$. Cround clearance, $8^{8}$ ing. Weight. 9 cwt. 3 qrs. 10 lb . Alierations Four bodicar: All motels have double windscreena. Two-seater and hight atarter ayd halloou tyres are standard on all modele

## Jowatt Long-whealbase Chassls (Faur-aeater and Saloon).

Engine: Two-cylinder horizontally opposed Jowett. 75.4 mm . by 101.5 inm.. 9072 c-c., side ralres, water-cooled by thermo-siphon circulation. iorce lubrication. coll ignition. Zenith carburelter. A.C. Sphinx plugs. cone cluteb, threespeed unit construction gearbax, ratios t.66, 7.64 and 15.1 to 1 , reverse 20.65 to 1 . aido control, final drive by open shate tracting bends. iransmission externalcontracting band. Suspension: Semi-elliptic front and rear. General details: Filectric lighting, fise-lamp set on EAhoon, threc-lamp on lour-scater, by Lucas, starter by Lucas Artiltery wheels, $26-\mathrm{in}$. by 3 -in. Dunlop ballonn trres. Petrol tank holds 6 gallons, sump holda 3 pinta: approximate petrol m.p.E., 36. Standard body calours, deep royal blue, deep blacuit four-seater: deep Royal bluc, decp biscuit. Munich lake, ealonn. Dimensions of four.
senter: Wheabage, 8 ft. 6 ins. treck. 3 it. 9 ins. leneth thoed downl.
 Weight, 10 ewt. 3 grs (four-seater) 12 crit. (ealoon) Alterations from aloon is an entlirels new model so lar an coachwork is conecrned, the chasdis following established Jowett practice.
S.I ALLL CARS (contd.)


#### Abstract

STAND 104. Four-inater, 12.24 h.p., £295; lax, fl2. Siloon, $2-24$ LAGONDA. Fourcytinder Linulacinrers, Lagonda, Lid., Staincs. Middleaex. Engine valves. water-cooled by thermo-siphon cirenlation, force and splash lubrication, highten: ion magnelo, Zanith carburctler, fixed head, iwo-bmaring crambshali. Tranemision: Single-dry-plate clutch, threc-specd unit-con siruction searbox, ralios (saloon) $5,9.35$ nnd 17.57 to 1 (four-seater) 4.7, 8.8. and 16.6 to 1 , central matrol, final drive by enclosed shaft to gpiral berel and full dificrentjal. Brakes: Front whecls, internal-cxpand sion: Single traraversc Iron1, Quarter-elioptic rear. Grncral details: Elec?ric lightira, five lamp set, by C.A.V. simrter by C.A.V. Artillers whecls, 38-in. by 4 © 5 in. Duulon balioon iymes. Petrol tank holds 6 gallons, tump ho!ds 7 pinta: approximate petrol m.n.g., $55-40$. Standard body 1 is ins.: length. 12 ft . 3 ins. with. 5 ft . 1 in. f greund clearance 8!, ins. Weight. Saloon $18 \mathrm{cwt}, 3$ gra. four-senter 16 cwi. Nterations from last jear: Frontowheri brakes and balloon tgres filted as standard.




The Morgen popular model, now priced at $£ 85$ with ful equipment.

STAND 32. LEA.FRANCIS. Two-seatcr, G type, s210. Tax, s10. Numerous other models. Manu e3.Francis- 10 h. Type Sports (lwo-seater anty)
Engine: Four-cylinder, 63 mm , by 100 mm ., 1.247 ce., overhead mages, waler-cooled by thermo-siphon circulation, splash lubrication, Blic bearing crankshaft. Transmission: Inverted-cone clutch, threc-specd unitconstruction gearbox, ration $4.7,9.3$ and 17.7 to 1 , reverso 23.2 to 1 , mide cons rol, hnal drire by open shaft to spiral bevel and full differential. Brakes: Interaalexpanding tolally enclosed on rear wheels operated by
pedal: transmission braks by hand. Suapenaion: Semi-elliptic front quarterelliptic rear. Gencral delails: Electric lighting, five-lamp set. b C.A.V., 6 -role siarter, by C.A. ${ }^{2}$. Disc wheels, 27 ins. by 4.4 ins. Poirol
 40 . Standard body colour, saxo blve. Wheelbase, 8 ft.i track, ${ }^{3}$ itw 9 ins.; length, 11 ft. width, 4 ft . 8 ins ins.; gronnd clearance. 8 ins

## Lea-Francls. -10 h.p. K Type.

 1 wo and four-seater onls. Engino: Four-oglinder, 63 mm . by 100 mm ., eplash lubrication, Blic maineto, Solex or Cox carburetter. A.O. pluge, detachable head. twobearilg crankishaft. Transmissionti, Inveried-cono clutch. Jour-specd unit-construction gearbox, ratios 4.7, $7.36,11.2$ and 18.8 io 1 , reverse 24.6 to 1 , side conteol. final drive by open shatt to spiral beve and full differcnitial. Brakes: Internalexpanding totally enclosed on all whecls operated by pedal. transomission brake by hand. Sustric lighting, fre!amp set, by C.A.V., 6-volt. starter by C.A.V. Disc wheels, $27-i n$. by $4.4-i n$. isme. Petrol tank boids $51 / 2$ gallons, sump holds 8 pinis; approximate petrol m.p.g. 40. Standard bedy colours, crimson saxe biuc and mole grey. Wheetbase, 8 fl .9 ins. track. 3 fi . 9 ins.: length, ${ }^{\text {twoteater }} 11 \mathrm{ft}$. 6 ins. four-seater 12 fl ; width, 4 ft . Lea-Francls.-12-22 h.p. J Type.
Two-seater, 2275 : four.scater, s285; coupt, 5295 ; sadoon, e365; head valves, water-cooled by thermo-ziphon efrenlation, splash lubricm tion, Blic magneto, So:ex cr Cox carburetter, A.C. pluge, detachable head, two-bearing craukshafl. 'ransmission: Inverted-cone clutch, fourtpoed unitcionstruction gearbox, ralios 4.7.7.36, 11.2 and 18.8 to 1. reverse 24.6 to 1 , side control, final drive by open ibait to spiral beval nnd fu:l diuerentinl. Brakes: Internalexpanding totally enclosed on all whecis, operated by pedalitranamission brake by hand. Suspension: Sem:five 13 mp sit, by C.A.V. 12 -rolt starter by C.A.V. Disc wheele, 27 -ig. by 4.4 -in. syres. Petrol tank holds $51 /$ gablons, sump holds 8 pints; ap-
proximato petrol m.p.g., 35 . Standard body colourg, crimson, eaxe blue proximato petrol m.p.e., 35. Standard body colours, crimson, eaxe blue
 ground clearance. 8 ins. Weigha, 16 cmt 2 qra.

## Lea-Franais.-12.40 h.p. L Tyge Sports.

[^3]$12-40 \mathrm{~h} . \mathrm{p}$, twa-seater, $£ 350$; four ecater MARENDAZ-SFECIAL.
 Encime: Four-cylinder, 69 mm by 100 mm ., 1.496 c.c., Aide valven, watercooled, thermosiphon circulation, force lubrication, B.T.il macneto, Solex carburcter, delachable head. Transmission: Cone clutch, threo or four-speed forque tulse gearbox. cantiral or Eide control final, drivo by wheels. Suspension: Semi-elliptic front full cantilever rant and rear details: Electric lighting, five-lamp ect. clectric starter. Wise or artillery wheels. ${ }^{2}$ etral lank hulda 7 gallonm; appruximate pitrol m.p.e.e 55. Eody colour to choice

## STAND 221.

Four-scalor, ispe P.S.E:, 11.3 h.p, . E295: saloon, Ijnc PATHIS.
 facturers: Mathis S.A 200, Routo do Colmar. Sirasbourg, France.
 foll, Mateili mabteto, Solex rarburetter, lyquar jolnh, fixed head
 1o 1. central chnnge-speet lever, side hand-batic control final tuivo internal expanding rear mheels internal expanding. two evia of shoes. ing fivelamp set by Marchal Yaucanson, starter by Marchal Vaucan
anon. jisc whels: 730 mm . by 130 mm , Michelim : Pecral tan



11 h.p. two-scaler, $£ 225$; four-sealer, 2250 (qumper MCKENZIE.
 aves, water-cooled by thermosiphon circulation. fon luthteation, mag

 Suspension: Hall-elliptic front and rear. Genteral detals Yinaric likht-
ing. fire-lamp set, electric starter Dinc whels, 28 -in. tyres. Pelrol lank holds 7 gallons. sump hold. 7 funt. approximate
 track,
15 cwt.

MORGAN.


 o.h.v. Blackburno engine. eith. Tax for all model. \& 4 Twin-cylin

 whecl. Suspension: IIclical springa front and guarter-elliptic rear General details: Electric lighting by Lucan threctamp fel wirc whecla, 700 mm . by 85 mm . tyrca. Tank holds 3 Rallons siandard body colours
6 ft grey,
length, 9
9


With a six-cylinder engine-the Mathis saloon.
10-30 h.p. tworeater, $£ 460$; four-seater, f475; coupe, £495; Weymarn snlons, £645 Tax. \&12. Manulacturers: Soriety Anonima
 Four-cylinder, 69 mm . by 100 mm . 1.496 c.c.side valves. Watercecled by thrmo-siphon eirculation, form lubrication, coil ignition,
Zenith edrburetter, Boech plugs, detachablo head threc- wearing crank, shaft. Transmission Dry plaks clutch. lour-aped unit-construction gear box: ratios. $17.33,10.77,7.20$ and 5.2 to 1 : reverse, 15.5 to 1 ocntral control. final drive by enclosed shaft to spiral berel and fuli di!-
 jomp sei by Bosch: gear starter by bosch. Wire uhecels, 765 mmm . by 105 men. Hunlod isres. Petrol tank holds 12 gallonswsumpholds 10



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The reproduction of the article by Mr. John Prioleau which appears on the opposite page is inserted without comment-to those who know this captious but capable critic it is a eulogy that speaks worlds of Lea-Francis design, materials and construction.
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## A CAR

car, or perhaps you liked the colour of the salesman's t:e; but when you have finally made your choice, come to Dunhills Stand, 442 , in the corner of the Gallery, and look at a set of seat covers to protect your new upholstery, trunks for your luggage, good rugs, radiator muffs that make starting easy and save petrol, and the wonderful range of Dunhill accessories never fitted as standard.


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the $10-10-0$ 2. -34 in . long by 20 in . high by 18 in. . 34 in. long by 20 in . high by 18 in . topering to 16 in. back to front at
3. the top.
-38 in . long ty 20 in . high by 18 in . back to front at bottom, tapering
to 16 ins. back to front at the to 16 ins. back to front at the
lop. $14-0$ Bop.
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A new arrival in the cyclecar field-the Omeza.


A roomy and iuxurious saloon-the 11-15 h.p. Panhard. STAND 142.

PAIHARD.

 Gret Porlabal Strect. Fingine: Four-cylinder, 67 mm by 100 mm , 1,480 ce. alceve valics, water-cooled by thermo-siphon earculation,
aplash lubrication, h. $t$. magnein. Panhard carburetter, Pognon plugs. de1achable bead, two-bearlag crank halt., Transmission: I'ibre cone cluich, lodraped unliveonstruction garriox, 5 to to on top gear central conHirates: Font on all whedo, hand brake independent. Suspension Semi-elliptic fiont, roversed quarter-elliplic rear. Genernl detaila: Elec tric lighting, 1/velamp set and starter, artillery whoels. 775 mm by
145 imm Vichelin ballonn iynes Petrot 1ank holds 10 gallons. Approximate petrol m.p. E, 28. Bedy coloura to choice. Wheelbase, y it
 clearanre. 8's, ins. Wrighr. 66 mm , Alterations irom ast year: aperts bodj:

## PEUCEOT.

 E165; 3porls, £225. Tax, 27. Manufacturers: Societe Anonyme des
 Enaine: Faurecylinder, 51 mm . by 88 mm . 719 c.e.p sade ralves, watercooled by thermosiphon circulation. force lubrication, R B, magneto, Yonith carluyriter. Eyqucm plugs, fixed head, twobearing crankihatt, ralios, 5 , and 15 to 1 reversc, 20 to 1 cental control, final drive by enclosed ahait to underslung worm and solid axle. Mrakes: Both on rear Whecla. Suspension: Transverse tront quarter-elliptic rear. General
delasid: Eleciric lighting thre-lamp detasle. Fileciric lighting, three-lamp set. by Ducellier, starter by Duccl-
lier. Disc whecls, 715 mm . by 115 mm . Michelin Comfort tyres. Pcirol lier. Disc whecls, 715 mm . by $115 \mathrm{mm.} ,\mathrm{Nichelin} \mathrm{Comfort} \mathrm{tyren}$. $55-60$. Standard body colours: Allweather, cyimson; cabriolet, crimsoñ and blac. Wheelbase, 7 dt. $51 / 2$ ins, track, $31 t$. 13 ins.; length 10 ft.
6 ina.; width, 4 it.: ground clearance, 9 ins. Weight. 10 cwt. No alterations from lasi year.

RALLY.
 9.2 h.p. prico not stated. Tax, e10. Manulacturera: Automobiles Rally, Scine, Franco. Concessionnaires: Tack Mills, Ltd., 189, Regent Sercet, London. W. 3 . Engine: Fonr-cylinder, 63 mm bs $97 \mathrm{~mm}, 1.209$
 miscion: Fibe magneto, Solex ardurellor, delachable head, Transcontrol, ninal drave by open shaft to berel and full differential. Brakes: Frone whoels, internal-cxpanding (Perrol type), transmission expanding aboe. Suspenaion. Malf-elliptic front and =ear. General detalls: Electria lighting, fre.lamp set by Bleriat. Wire whecls, 710 mm . by 90 mm .
Dady colonrg to choice. Wheelbase, 9 ft: track, 311.9 ins: length.


## Rally, $10.26 \mathrm{~h} . \mathrm{p}$. model.

Finginc: Fourcellinder, 64 mm , by 935 mm . 1,203 c.c., overhend valres, water moled by thermo-aiphon circulation, force lubrication. Saga
mageto, Solex carburotter, detachable head. Transmiadion: Fabric cone
 elutch, threesped malt-construction gearbax: ratios, 4,7 and 10 to 1 :
reverse 10 to 1, central control, final drivo by open ahaft to bevel.

Brakes: Front whecla, expanding Periot type: rear, expanding shoes. Surpension: Hall-clliptic front and rear. General delaila: Elcetric light ing. Ave-lamp bet, manislactured by Slfam. Wire wheels, 700 mm . by
80 mm . Standard body culoura, green and grey. Wheclbane 9 t.


Aally 9.2 h.p. model.
Engine: Four-cy!inder, 62 mm by 91 rom.. 1.498 ce., orerhead valves. water-ocaled by therrao-siphon circalation, forco lubrication. Saga mas. neto, Solox earburetier, defachable heac, Tranomisaicn: Fabric cono everse, 10 to 1 , central control, final drive by open shanft to berel. Brakes: Front whecls, expanding Perrat type: rear whecls, expanding shoes Suapension: Malf-elliptic 1rone and rear. Gegeral defails: Elec-
tric lighting, fire-lamip aet, manufactured by Sinm. Wire wheels, 700 mm . by 80 mm . Slandarit body colours, green or grey. Wheelbase

## STAND 174.

RENAULT:
The following prices are preduty, and are linble to alicration at any
time: Two-scater. $83 \mathrm{~h} . \mathrm{p}$. 8219 ; iour-seater. $8.3 \mathrm{~h} . \mathrm{p}$. £219; mupe, alf
 e295. Tax, e9. Manulacturera: Uaines Renaule, Biljancourt, Seine, France, Concessionnaires: Renaule, Lul, Seagrave Road, West Brompton. ( Enginc: Four-cylinder. 58 mm . by 90 mm .950 c.c. S.E.V. high-tension magneto. Herabult dasbpot carburecter, Renaul: plige, detachable head, two-bearing crankehaft. Transmission: Reather cone clutch, threc-spect toraue-tube unit-consiructlon genrbor, ratics
 5'́́s to 1 , central control, final drive by enclosed shaft to berel and full
differential. Brakes: Foot brake operalea upon all four wheela simul differential. Brakes: Foot brake operalea upon all four wheels simul
lancolials, hand brake acts on rear whels only. Suspension: Semicllipulc irant, single transverie rear. General details: Electric lizht -
 715 mm . by 115 mm . Michelin balloan tyres. Peimi iank holis $4^{\prime}$ gallons, sump holds 6 pinta, approximate petrol m.pg. 45 . Standari track 3 it. 9 ins.: length, short 11 it. Iong 11 it 8 ins. srideh $4 \mathrm{ft}: 6$ ins. grourd clearauce, $8!/ 2 \mathrm{ins}$. Weight. 10 cwt .. chassis osly.

STAND 21. RHODE. 11-30 h p iwo-seater, £275; four-seater, \&285; saloon, f3j0. Tax,
 The Rbodo Mictor Co., Tyseles. Birmingham.

Rhode- 11.30 h.2. Matels.
Engice: Four-cylinder, 66 mm . by $90 \mathrm{~mm}, 1.252$ c.c. orerhead
 ing crankshal. Tranemission yingle-plate clatch, ionr-pecd unit-cag-


Mide Ey the pioneer of miniatures-the $7 \mathrm{~h} . \mathrm{p}$. Peugeor.


The Rhode, which may be had with saloon soachwork.
struction gearbox, ration $4.5,8.1,14.25$ and 193 to 1 , reverse 19.3 to 1, central control, final Erive by enclosed shate lo piral berel and full diferentinl. Brakes: Front whecls internal expanding, rear wheels inlernal expanding. Suspension: Ifalf-elliplio front cantilever rear.
 tank holis 6 gallona, surnp holds 10 pints, aporoximato pelrol mp.s. $40-45$. Standart body colours, blue, maroon. Wheelbase, 9 ft.: frack: 4 it 3 ins.: sround clesrance, 9 ! 2 ins. Alterations from last year: Completels revesicuca chassis

## Rhode-11.38 h.p. Madel

Differn from $11-30 \mathrm{h.p}$ model in following respects:-Gear ratios 4.5, 6.7, 10.7 and 19.3 to l, reverse 19.3 to 1 . Electric lighting. Grelamp set by Miller wire whectd. 2810 . by $4.95-i n$. Dunlop isrea. Staniard body colour, brown. Rhode.-11 h.p. Light Four.
Engine: Four-cylinder. 66 mm by $90 \mathrm{~mm}, 1.232$ c.c., overheal B.L.I.C. magneto, Cox carburetter. AC. plugs, dotachable bead, iwo-
14.1

## S.M.ALL CARS (contr.)

Traring crankshatt. Transtoiseion: Single-plate clutith ihice-spect unitcenstruction scarlox. ratios 4.5 to $1,8.01$ and 14.2 to kereverst 18.9 sifferentinl. Brakes Renr checla inlernal expanding, fransmision exter al confractiog. Subpension: Quarter-clliplic froni and rear. Grneral

 giound clearance. 8 ine


STAND 146.
मiley.
11-40 h.p., 1 wo-geater sporis, s495: four-seater sports, f495; tax, 65.8 mm by 110 mm ., $1,498 \mathrm{c} . \mathrm{c}$, side valves, water-cooled by therme siphon circulation, fores lubrication, b. $-t$ magneto, Zenith carhuretter, K.L.G. plugs, detachable head, three-bearing crankshaft, pransmission. Cone eluteh. four-speed separate gearbox. top gear 4.75 to 1 . centra Internal inalanding front wheelf add rear whecls Suspension. IIall Internaiexpande General detnils: 12 -volt electric lighting. firc-lamp set, by Rotax, starter by Rolax. Wire wheels, $27-\mathrm{in}$. by $4.40-\mathrm{in}$. Dunlop tyres. Pctrol tank holds 7 gallons, sump bolds 14 gallons: approximate pitrol mp.g. 30 . Hody, polis.ned alaminium, Whcelbase, 9 int. : frack,



STAND 107.
ROVER.
9-20 h.p., two-scater, standard 4185 de luxe $£ 200$, super f22U: four-seater. standard figo. de luxe £205, suner £225: saloon £285 sports, f220; tax, £9. Manulacturers: The Rover Co., Lid., Corentry. Iondon showrooms: 61 , New Bond Streel, W.1. Fingine: four-cylinder, circulation. lorce lubrication, h.-t. magneto. Smith carburetter, detachable head, two-bearing erankshatt. Transmisnion. Dry-plate clutch, thrcespeed unit constriceion gearbox. ratios 4.84. 9 and 16.4 to 1 , reversc 19.5 to 1 , central control, finni drive by open shaft to worm and full differcotial. brakes: Fous, hheelg on super modele, rear whecls on ellipuc rear. General details: Electric lighting. tbree-lamp on etandard, firelamp or other models, by I,ucas, starter by Jucap. Disc wheels, $27-i n$. by 4.4-in. Dunlop tyres. Petrol tank holds 5 gallons on standard and de luxe, 7 gallons on super, 511 mp holds 8 pints; approximato petrol m.p.g. 40 . Standard body colovis, cinnamon on super modela, red or 18 ft .8 tus on superl; track, $4 \mathrm{ft.;}$ leagth, 12 ft . (13 it. on super): width, 5 It.: ground clearancz, 8 mo. ( $81 / 2$ ins. on super): weight (four-

## STAND 219.

SALMSON.
10 h.p. two-tcater. French horjs. no dickes, 1158 ; English body, aname two dorrx. 1, w. b. balloon tyret, c275: sports, two-reater, 235 ;
 Manufncturcrs: Societa des Moteurs Salmson, Billancourt, France. ConCextonnalres: S.M.H. Lid., 17 m, Motcomb St., Belurase Equare. S.W. 1. Fingine: Fourcylinder, overhcad salves, wacer-cooled by thermo-siphon circulation, splash lubriration, ingerankshett. 'Tranamission: Ferodo-lined co detachable head ppecd unit construction gearbor, ratios 16 , $6 / 2$ and 4 to 1 , reserse 16 ip 1. motral contrad, final drive by onclosed shaft to beri-l gearing and cold axle. Hrakes: Fmat wheeli (certain molis) on Perrci prin. ciple, rear Suspenklon: Haltecliptic front, quarterelliplic rear, hand rear detaik: Flectric lighting. five-lamp act, by Dacelier or Bleriot ciectal glarter by Durellier ar Bleriot. Wire wheele, 710 mm . bv 90 mm Finglebert tyres. 8 ficelbase, 2 ins.; track, 3 fi. 7 ins. icugit, 10 it. 10 ins.


## SEABROOK.

11.9 h.p. modei, 10 ur-scater, $£ 525$; coupé, £395; salcon, f395; tax,夫12. Can be seen at nianula thrers. cabrook Braló21, Fhipp sireet, orerhead valves, water-cooled by thermosiphon circulation, aplash lubrica(ion. B.T.II. magucto, Zenith carburetter, detachable head. Tranamisfion: $16 . J$ to 1 . side control, final slrive by enclosed shatt to bevel and full differential. Brakes: Fiont und renr whecls. Sulpension: Semi-cliphic Irond, cautilerer rear. General details: Filcetric lighting, fire-lamp sef,
by Jucas, starter bv Lucas. Disc whecls, 715 mm . by 115 mm . Michelin ires. Petrol tank holds 6 gallons, approximate petrod m.p.g. 40 .
 STANJ 50.

SENECHAL



 lore lubrication. Saga macnet s, Solex carburetler, detachable bead, twobenring crankshalt. Transmision: Con? clutch, threespecd unit construction genrbax, ratios 46.7 and 12 to 1 , reverse 14 to 1 , central control, final drive by open shaft to bevel and solicl axle. Drakes: Front

 mate petrol m.p.g. 40. Standurd bocly enlours cream, light blae, red. Wheelbase, 7 ft . 8 ins.; track, 3 ft . 6 ins, lenglh, 11
4 ft . 1 in.; grourid clearabce, 8 ins. Wight. 900 bb .

SHERET.

 lubrication, Mi.L. magneto, Zennth carmaretter, K.L.G. pluge fxed head, speed chnin gearing, ratics $47: 101,102$ and 13 to 1 , roversc $121 / 2$


Built by Chenard and Walcker the 70 m.p.h. Senechal.
to 1. sible control to gears, drive throughout from counlershalt to aclid axle. Brakes on rear wheels, Euspenwion: (Quarterechintic front and whet 5 , 700 mm. by 80 mm . Michelin tyres. l'etrol tank holds 4
gallons; dry sump; approximatz pclrol mn p., 50 . Standard body colonr gallons; dry sump; approximat e pctrol m-phe. 50 . Standard body colour
marcon with black wings. Wheclinse, 7 it. 6 ins. itrack. 3 it. 4 ins. length, 10 ft. 6 ins.: willh, 4 th.; ground clearance, y ins.i weight 6 cut. 2 yra. Alier

## STAND 181

SINGER.
10.26 h p., two-pcater, £225; sur-scater, C225; घaloon, £280. Mant facturer: Singer and Co, Jal,, Canterbury Stret, Corentry. Engine Fourecylinder, 63 mm, by 105 n.12., $1,3.38$ c.c. overhearl vaives, water cooled by thermo-siphon circulatios, splayh lubrication, IB.'I'.H. Inagneto Single-plate cletch, threc-epeed init conalruction gearbor, ratios 4.54 Aingle-plate elutch, threc-epeed
8.44 and 15.6 to 1 , reverse 20 io 10 , side control. final drive by open shaft to epiral Lerel and full differential. Brakes: Internalespanding


## A speedy French coupe-the Salmson.

on fromt and rear wheels. Suspension: Quarterelliptic front and rear. General ditals: Flectric lighting, five-lamp set, by Rotax, 12 oole starter by Rotax. Dise wheels on modis with open bodics; artllilery wheels on saloon. $27-3 n$. by $4.4-\mathrm{in}$. Dunlop tyrem. Petrol tank boldia gallons,
 clearance, 8 is ins. Weight, 16 cwit., with open hods. Alterationg from last jarr, addution of four-whect brakes and detall modifications.

STANDARD.
$-11 \mathrm{~h} . \mathrm{p}$. two-eater with dickey, 2225 ; four-seater, all-weather, £225;
Ealoon. 255 . Manufacturers: Slandard Motor Co., Lid., Caniey, Ealoon, 2255. Manufacturers. Standard Motor, Co., Litd, Canley, overhead valves, water-cooled by thermo-siphon circulation, oplash lubit; cation, Lucas magneto, Zenith carburetter, Sphinx pliga, delachable

You naturally do not choose a car by its sparking plugs. All the same it is important to note what plugs are fitted, as a direct indication of the class of fitting provided by the makers.


## PLUGS



READERS, NOTE. - lt assists the small car movement and the adverliser, and ensures you prompt adiertiser and you, and assists the small car movement generally.

## Worlds 24 Hours Record <br>  <br> WAKEFIELD Motor Oil

## J.C.C. 200 MILES RACE <br> 1500 c... Class. <br> $1^{\text {ST }} 2^{\text {ND }} 3^{\text {RD }}$ <br> H.O.D.Segrave Count Masetti C. WAZER-NASH. <br> DARRACQ. DARRACQ. <br> p.h. <br> Won al $700^{\circ} 89$ m.p.h.

750 c.c. Class.
1 ST E. C. Gordon Ensland
$2^{\mathrm{ND}}$ Gordon Hendy
AUSTIN. AUSTIN. AUSTIN. $3^{\text {RD }}$ A. E. Depper .

Won at $61 . \ddot{16}$ m.p. h .
-all used Castrol!
1, 1922. 1923 and 1924. 1at. 2nd and 3rd placersin In. 1922.1923 and 1924 . 101.2 nd


ON Sept. 21 st and 22 nd, at Monthery Track, Paris, Capt. J. F. Cuff, aided by Mr. Woolf Barnato, broke this coveted World's Record, driving an all-British 3-Litre BENTLEY which covered nearly 2,300 MILES at a speed of over
95 MILES per Hour (Subject to Official Confirmation).
This achievement of tremendous and sustained speed is a remarkable tribute to the all-British Lubricant chosen, a standard grade of Wakeficld Castrol.
To enable your engine to give of its best, follow the experts' lead and insist on-
C. C. WAKEFIELD CO., L T D., All-Britihh Firm.
Wakefield House, Cheapside, LONDON, E.C. 2.

LUivLUI, E.C.
$17{ }^{17}$

# ${ }^{m i s}$ light Gar ${ }^{20}$ Celecar 

## SMALL CARS (contci.)








## 

The Stardard four-seater with improved bodywork.
 stanhone. 10 n.p. Four-whecler.
Engine: Two-eslindur, 85 min, by 97 mm. 1,096 ce. overhead valves,



The front-wheel-drive Stanhope, also sord as a 3-wheeler.
etraction gearbox, ratios 11,7 nand 4.5 to 1 , reverse 13 w 1, sid control. The engine. gearbox and dilferential housings are bolted up
to form unit, the final drive being by aide chaina from the eud of the differential shats to frome whecle. Hrakes on front and rear whels. Suapention: Traniderse front, splayed cantilever rear 2 Gd rear whecks.
electric lighting, threcelamp electrie lighting, three-lamps at by I, licas. Disc whecks. 710 mm . by 90
tom. tyrea. Petrol tank holds 4 gallonn, oil tank holds 6 pinte. Approximate petrol m.p.g. 50 . Standard body colour, grey. Wheelbase. 8 it. track, 4 it. 8 ins length, 11 It. 6 ins. width. 512.6 ins.: ground

## Stanhope Special Three-whecler

Fingine: Four-cylinder, 1,096 c.e., wide valves, water-cooled, M.L, neel gearbex ratios, $44,6 i, 9$ and 11 reverse 11 do clutch. four by thaft and bevel to front wheel. Brakev: internal-expanding on rear wheels. Suspenaion: Sperial caulilever fromt, splayed cantilever rear. General delanle: Filcetric lighting. thrie-lamp eet by Incas. Niae whecls, 710 mm . by 90 mm . Eyres. Petrol tank holds 4 gallons: approximate rack, 4 th in ins, iength 11 ft. width, 5 it 6 ips. ground clearance,


## Stanhope Standard Three-wheeler.

Differs from special model threc-wheeler in following respocole-Engine: 10 b.p. iwo-cylisder air-cooled Blackburac. 85 mm . br 97 man.. 1.097 7 and 11 to 1 , reverse 13 lo 1 . final drive hy roller chain to front Thecl. Wheelbase, 7 it. 6 ins. Pectral tank holdes 3 gallola, oil lank

## STAND 14.

## stevr.

14.35 h.p., four-scater; saloon 4 door Wesmann. Frices not set fixed: lax, \&14. Factory representative: Arthur Bray, 79 Davics Strect, Lon than. W.1. Fingine: Six-cylinder. 60 num. by 88 mma 1.493 e.e., orerhead ralves, water-cooled by pump circulation, force lubrication, losch or
Scintalla magneto, Pallas carburrtier. Bosch plugs, detachable head. theeetearing crankshalt. Trzusmission: Special multiple-Jisc cluteb. oor-spect unit conatruction gearlox. Lop-gear ratio 5.1 to 1 , central conrol, final drive by enclosed shaft to spiral bevel and fuli differential herel and dilierential housing anchored to large cross-member, outside torque roda. Driving axles ancased with enclosed univeraal joints on wheel. 'fravorso apring anchowd to extension of differential housing in centre and to extension of tiraiao memisers on ench side. Brakes: Front wheels perrol sempescrvo, ratar whecls expanding, separate hand brake. Suspension: Underslung hall elllnific front, transrerso rear. General details: Electric lighting. firelamp set by Bosch, Sclntalia or Bosch
atartar. Dise whecla: 775 mm . by 145 mm . tyrcs. Petrol tank holds 8 gallona, sump holds 9 pints, approximato petrol m.p.g. 26 . Standard
 Weigh, 21 cwt. This is an enfircly uew model.

## STAAKERSQUIRE.

 fitheker-Squire, Lid., Angel Itd, Fidmonton, inndon, N. 18 . Can be scen t showroums: 17亏̄-179, Uxforl Strect, London, w.1. Engine: Fourcyliajler, 65 mm . by 110 mm .. 1.460 c.e., oserhead palven, water cooled by thermo-aiphon circulation, force lubrication. B.T.H. magneto, Sinter carburctter, Ladge plugs, déachable head. thrce-hearing crankshaft. Tranamisainn: Cone eltutch. lour-speed unitwonatruction genctox, ration by open shaft to speral heve! and full difterential. Brakes: Front whects operated by pedal, sear whecls operated by petal and lever. Suapension: Siemicelliptic front, undording iembecliptic rear. Gicneral detalis: Elec-
 whecla, 28 ins. by 4.95 ins. Dunlrp tyres. Per-rol cank hola gy galions,
 12 it. 6 inas idith, 4 ft. 9 ind.; ground clearance, $7 \frac{1}{2}$ ins. Weight. 18 cret. Abcre is new metlel.
STAND 149.
SWIFT.
 of Coventry, Itd., Covintry, Enyinc: Four-cylinder. 60 mm . by 97 mm.: librication, h.-t. magucto, detachable head, threc-bearing crantshate. rransmission. Fabric-faced single-plate clutch, threespeed yoit construction gearbox. ratios 5 , 8.6 and 18.0 to 1 , reverac 18.0 to 1 , side contral, Sinal drive by open that io spira-berchand fall diterential brakes: WFilt patern, 10 -ing diameter detachablo drams on front ardi rear wod riar. Generat sielaila: Filectric lighting, Aro-kmpe set. Artillery whecla, 27 ina. by 4.4 ins. Duulop tsres. Approximate petrol mop.g.
$35-38$. Standard body colours clarendon grey, maroon and royal bluc. Wheclbise, $8 \mathrm{ft}, 3$ ins, track, 3 ft . 10 ins.; maroon and royal blue. Wheelbase, 8 tt. 3 ins.; track, 3 ft. 10 ins.; ground clearance, 8 ins- i weight (tour-seater conmplete), 16 cwit. Alerations irom ast year, unit propeller shalt, adjustable pedals, detachable brake drums, four-whect hrakes, controls on stecmag column, fynamo and magneto on same drive; brackets.

## SURREY.

 Lligh Strect, Putney, London, S.W.15. Conctanionnaire: I. Wry Elace, by 100 mm ., 1,496 c.c., overheard valves, water-cooled by ihermo-sinhrs. circulation. Iorco lubrication, B. L.I.C. magneto. Zenith carburctler. K.L.G. plogs, detachable head, two-bearing crankibaft. Tranimiasion: Ferodo cone clutch, thrce-specd unit construction evarbox. ration 15. $74, y$ and 4 1-3 to 1 , reverse 18 to 1 . side control, final drive by ope: shaft to spiral bevel and fall diflercntial Braken: Front wheela optiona-
four brakes on rear wheela. Subperision: Quarter-elliptic Irone ard rear. General details: Flectric lighting, three-lamp eet by CA.V. electric starter by C.A.V. Visc uhels. 700 mm. by 80 mm., Avo: iyres. Petsol tankgulds 6 gallona, sump holts 2 pims; approximate petr. mlp.g.. $55-45$. Body colours to choice. Wheelbase, 8 It: 6 ins.: track. 4 ft.; length, $1-1 \mathrm{ft}$. 6 ins. : widih, 4 ft . 8 ins.; ground clearmnce. $8 \%$ ins Veight.
springing.


A newcomer-the 11-28 b.p. Straker-Squire.
STAND 147.
TALBOT.
$10-23 \mathrm{~h} . \mathrm{p} . \mathrm{two-seater}$ salcon: $10-25 \mathrm{~h} . \mathrm{p}$. four-acater: 10.23 h . coupe. ax 29: 8-18 h.p. coupe: tax. 28 . Pices not atal

Talbat.-8-18 h.p. Modet.
Eagine: Fourcylinder. 57 mm . by 95 mm .969 c.c., orerthead ralres. Claudel-Hobson carburetter. K.L.G. plugs. detachable head, threc-bearing crankshalt. Trandmission: Single-diso clutch, tbrcespeed gearbex, ratios $15.65,8.25$ and 4.5 to 1 , rererse 16.65 to 1, central control, inal drivo by encloscd ahait io bevel and Golvi axle. Braken: InternalGpanding on rear Wheels. Suspension: Quartereeliplic irone and rear. whecla, 700 mm . by 80 mm .. Dunlop tyras. Petrol tank holda 6 ta! ona, aump holds 5 pints; approximate petrol m.pe.. 40. Standard sody colours, blue. kiey, wine. witherbase; 6 in 1 . Irs. Weight, 7 cwit. 2 ars. (chageis).

Engine: Funt-cylinder, 60 mm . by 95 mm ., 1.073 c.e., overbead valves. Watcr-cooled by pump circulation, force lubrication, ignition by coil, cranbshaft. Tranamission: Single-dise clatel, threc-speed unit construcLon searbux, ratios 19.42 to 1.9 .35 to 1 nnd 5.1 to 1 , reverse 19.43 diferential. Brakes: Internatexpanding on rear wheels. Suspensinn: Quarter-elliptic Iront and rear. General details: Edectric hghting.

## ${ }^{\text {THe }}$ light Gar <br> ano Gelecar

SAIALL CARS (contd.)
lamp set by Rolax. starter by Rotax. Sicel artillery whecele, 28 -in. by 4.9-in.. Dunlap tyres. Petrol tank holds 6 gallonh aump bold 55 pints




A luxury light car-the $10-3 \mathrm{~b} . \mathrm{p}$. Taltol cou;e.
TAMPLIN. 8.9 h.p. two-seate: f120; sporta, twoncater, f130; tax, £9. Manucylinder. 85 mm . by $85 \mathrm{~mm}, 980$ c.c., side valrcs, air-cooled, kplash lubrication. b.it magneto. Amac carburetter. Lodge plugi. delachable had. two-bearing crankkhaft. Transmiseion: Chain to clutch, three
 cemtral controi, final drive by eingle chain to iolid asle. Drakes on rear

 aump bolds 6 pints approximate petrol m.p.E.: 70 . Standard body colour. grey with black wings. Wheelbase, ${ }^{7}$ fl.: trark

## Sports Model.

Engine: Two-fylinder, 85 mm by $88 \mathrm{~mm} 1,000$ c.e. Length of car. 10 f1: weigh, 4 cwl. 2 gra Standard body finlah, polished ala-
minium
Speribintion otherwige same as couring mudel. TURNER.
12-20 h.p., 2 wo-senter, $£ 357$; tour-seater $£ 357$ : coupd, $£ 395$ : caloon, Ltd.. Wultruna Worls, Lever Sircet. Wolverhampton. Engine. Fa cylinder, 69 mm . by $100 \mathrm{~mm}, 1.496$ c.c., Gide ralvea, waler-cooled by thermo-siphon circalation, force lubrication, B.T.H. magnelo, Zenith carburetier, K.L.G. plugs, detachable head, ibrec-bearing crankshaft. Transmission: Driplate clutch, three-specd unit construction gearbox, ratios, $4.36,7.03$ and 14.96 to 1 reverse 19.6 to 1 , central or side control, $k n a l ~ d r i v e ~ b y ~ o p e n ~ s h a f t ~ t o ~ b e v e l ~ a n d ~ l u l l ~ d i f f e r e n t i a l . ~ B r a k e s: ~$
Internal-expanding on rear wheela. Suspension: Ilalfecliptic iront quarterelliptic rear. General details: Elcolnc lighting, fīelamp Ret by Smith, Starter by Smith. Artillers wheld. 710 mm . by 90 mm Dunlop tyres. Perrol tank holde 6 galloni, ump holds $11 /{ }^{\prime}$ gallons:
 8 ins. Weight, iz cwt. Alterations eince lat year, detalls only.


The $12 \mathrm{~h} . \mathrm{p}$. Vulcan as a comforiable touring four-seater.
VICTORY.
$12-30$ h.p. four-aeater 2345 ; galoon. 2380 : tax. 212 Nanufac1.ondon, S.W.15. Conceraionvaire: J. W, Ewen, Goldera Grecn Garage, Goldens Green, London. Engine: Four-cjlinder, 69 mm . by 100 mm , 1.496 c.c. overhead ralpea, uater-cooled by thermo-siphon circulation, lorce lubrication, BL.l.C. magueto, Zenith carburelter, K L.G. plugs,
detachable bead, sour-speed unit construction gearbicx, ration $41-3,7,12$ and 15 io 1 , roverac 18 to 1 , sde control, final drive by open shalt to spiral bevel and full diferental. Brakes on iront and rear whecls, transmiasion on eardan haft Suspension: Halt-elliptic front and raar. Gineral detaila:
Electric lighting. five-lamp act by C.A.V., atarier by C.A.V. Diac wheele, 760 mm by 90 mm ., Dunlop tyrca. petrol tank holde 6 gallons chmp holdi 8 pinte; approximate petrol m.n.g. $30-45$. Body coloure to 4 ft. 8 Ina.i ground clearaner, 8 \%id ins. Welght, 17 cwt.

terter by C.A.V. Artillery whecla, $28-\mathrm{in}$. by 4.95-in., Uunlop tyrea Petrol lank holds 6 gallone, aump holdi 8 pints: approximate petrol m.p.g. 80.9 Standard body calours, azure blue, maroon, putria. Whect ft 101/ ins.: ground clearances, $94 /$ inne. Weight itouring carl, 19 cwi Alterationa from lat year morlcls, four-wheel braked. ey Cari, lid. Trenmar Gardens, Willesden. London N.W.10. Engine Four-cylinder, 66 mm . by 100 mm ., aplah lubrication, magocto igni ton, Zenish rarburetter, Sphinx plugn, detachable hicad. iwu-bcaring crankshaft. Transmisaion. Cono clutch, threc-speed separate gearbox ratlos $4.8,8.2$ and 15.5 to 1 . reverne 212 to 1 . aifle control, fina drive by open shaft to spiml bevel and full differential. Brakes on al
 gallons, sump holds 6 pints; approximate joctrol m.p.R. J8. Slandard



A big car in minigture-the $11-2$ h.p. Wolse ey saloon

## WESTCAR


 Zenith carburcter, Lodge pluga detachable head. ihree.lasaringe cratik shalt. Tranaraisaion: Singleplate clutchable four-speed unit congiruction gearbox, top gear ratio 4.33 to 1 . central control, final drive by oyen Rhaft to spiral bevel and full differensial. Brakef: Internal-expanding On Eront nnd rear wheces. Suapension: Scmi-clliptic front and rear
 tank holds 10 gallons, aump holde 8 pants; Ayproximnio petrol m.p m . $12 \mathrm{tt} .6 \mathrm{ma} .:$ wideh, 4 ft .9 ins.: ground clearance, $10^{4} .2$ ina. Weight

## STAND 218.


 cylinder. 69 mm . by $100 \mathrm{~mm} .{ }^{2} 496$ c.c., ide valven, wniercoolod by carburchier, lodgo plugi, detachable head, threc-hearing crankaheft Transmasioni, Dizc cjutch. four-ipeed unit construction gearbox, ratio final drive by enclased shaft to epiral bevel and full differcofial pratral Front whecle, Rubury: rear whecla, internal-expandiag Snepension Semicelliptic iront and rear. General detalls: Electric lighting. fire lamp act by C.A.V., BLarter by C.A.V. Artillers whecla, 28-in. by


STAND 44. WINDSOR. 10-15 h.p. two-seater, 2345 ; lour-acater, $£ 345$; coupe, $£ 465$; aloon Ltd.. Windsor Car Worka, Iancasior Road, Jondon, W'11 Engine Fourceylinder, 65 mm . by 102 mm ., 1,350 c.c., overhend valves, water cooled, by thermosiphon circalation, force lubrication, IB.L..I.C mas neto, Solex carburelter, Champlon pluga, detachable licad, iwo-lyearing
crankahalt. Tranamiaion: Single dry-plate clutch, inurapeed unit construction pearbox. ratios 17.7 to 1 10 4 to 75 to 7 and 4.4 in 1. reveren 17.7 to 1, adde control, finnl irive by open nhaft to spiral berel and full differential. Brakes on front nad rear wherls. Suapension: Remi-clintic front and rear. Gencral details: Electric lighting, five
 tyres. Petrol mm . mm . gallons, sump holds $14 / 2$ gallons. Approximnte petrol m.p.g 37, slandard body coloure Carnarvon blue, Kenilworth royal blue, Windaor green Cariabrook red, Warwick red, Arandel lawn. Wheclbase, 9 ft.; track,
 8 inh. : saloon, 12 ft .8 ing. widh, 4 ft 11 ins. ground clearance, from lait ycar, force-fed lubrication in engine lo nll bearings.

[^5]
# ROAD \& TRACK TRIUMPHS PRODUCE A WORLD'S WONDER CAR for 1926 

All the experience gained from gruelling tests on road and track, the winning of innumerable awards, and the establishing of many world's class
 records, culminate in the 1926 ALVIS.


Mercury and Pegasus, the fleet-footed messenger and flying horse of mythology, symbolise the strength, speed, and symmetry of the ALVIS.


POWER \& SPEED The engine has been increased to 12-50 h.p. of one type only, with overhead valves. It develops great power, yielded with the utmost economy, and has a flexibility and sweetness at all speeds, equal to any six or eight-cylinder car. 6 to $60 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. on top gear, 30 miles per gallon of petrol, and 1,000 miles per gallon of oil are features that can be proved by practical test.

THE 1926 ALVIS BiggerFaster -Saferand COSTS LESS


## SAFETY

Never before has a car of the wonderful proved performance of the ALVIS been accompanied by the ease of control and safety now obtained. A newly designed single plate clutch, which supersedes the cone clutch, frankly makes child's play of gear changing. FourWheel Brakes designed
and developed as an integral part give instant action without vibration. Of great strength, they may be relied upon to give lasting service.


## THE REAR AXLE

 All engineers are openly enthusiastic about the ALVIS Rear Axle. It is of full floating type, and all internal parts can be completely taken out for inspection in a few moments without removing the car wheels or main axle casing. There is no other like it, or so easy of access. These qualities are offered in a full range of models at reduced prices, on a basis of value hitherto considered impossible. May we send you full particulars? THE ALVIS CAR \& ENGINEERING Co., Ltd., COVENTRY. London Distributors: Henlys Ltd., 91 and 155 , Gt. Portland Street London, W. 1 .
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 We give unequalled service on both new and used cars and buy, sell, or exchange all make3. 100 USED GUARANTEED CARS IN STOCK RIDE AS YOU WILL.
$\begin{gathered}\text { stanley wreneh, } \\ \text { Proprietor. }\end{gathered} 404,410-414$, EUSTON ROAD, LONDON, N.W.1. stanley wrench,

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We welcome at all times letters serit us by readers for puthcation in these columns, and while taking no responsibility for the opinions expressed therein, give preference to those letters which deal with subjects of general Interest. No anonymous communications will be accepted but the writer may use a nom de plume if desired. To ensure publication in the nextissue, letters must reach this office not later than Monday morning. We reserve the right to male any alterations or deletions which we deem necessary.

## ECHOES OF THE " 200 ."

## The Betting-The Train Service-and The Future !

## Brooklands Betting Prices.

Apropos your recent "Notes of the Week" paragraph, " 200 -Milc Oidls," mary I take the opportunity to ventilate a "grouse" that, judging by oral evidence, many other Brook

## Why Only <br> Short Odds?

 lands habitues share with me? Most of us like to have a trife" "on" our favourite ear or driver, but the odds offered by the layers are always ridiculously short and would certainly not be tolerated on a racecourse. Aualysing the " 200-Mile" ( 1,500 c.c. class) odds, we find the ten most fancied cars quoted at an nverage price of 5.2 to 1 . The obvious average odds against any one is nine to one! Verb. sap.At B.A.R.C. meetings "Long Tom's" prices compare very favourably with those of layers outside the paddock. I cannot quote actunl figtares, but one has always the impression that in a field of, sny, twelve, one or two are absolutely barred, and the avernge price of the remainder is in the neighbourhood of "fours"! Mas anyone ever been given more than "tens" in such a field, eren with the farourite at "evens"? TVhen will Brooklands give us a "PariMutuel "?

## Roadway and Railway.

I should like to congratulate the J.C.C. upon the efficient manner in which the 200 -Mile Race was organized. This event appears to attract more spectators to Frooklands than any ather meeting throughout the seasou.

Judging by the number of private ears in the varions enclosures, the majority of the visitors come by road. Why does not the Southern Railway Co. run a special service of trains to and from Werbridge for those who are unable to travel by road? Thei a still larger "gate" would be attracted. Ntraphanger.

## The Weybridge Train Service.

1 am convinced that $I$ an voicing the opinions of a larfe number of your readers in commenting on the utter inadequacy of the train service between London sud Weybridge on such oceasions as that of the $200-$

## A Justifiable Lament.

 Mile Race, and other meetings which nre likely to attract a very large number of spectators. On arriving at Weybridge Station shortly after noon last Saturday, having bern obliged to stand most of the way, I noted that for the conrenience of visitors to Brooklands n special fast train would be run from Weyhridge to London at the nbsurd time of $\overline{\mathrm{a}} . \overline{\mathrm{j}} 0 \mathrm{p} . \mathrm{m}$ - actually before the conclusion of the race, for this was, in fact, the time at which Mr. Gordon England won the 750 c.c. class.Conseduently, only those who did not remain after the winning Darracgs, and possibly the first Salmson, had finished the course, were able to make use of this train, and the great majority of those who had not brought their cars were obliged to depend upon the ordinary trains, which at this time of the afternoon run at irregular intervals of about 35 minutes.

If the J.C.C., the B.A.R.C., or whaterer club may be organizing any particular meeting, were to inform the Southeru Railway Co. how many passengers were likely to be travelling to Veybridge, and at what time the meerin; would probably conclude, I feel sure that an adequate number of extra trains could be run to and from Weybridge at the correct time.

Ioveo.

## Three-wheelers and the " 200."

We must apologize for not having joined Mr. Morsin in his regrets regarding the barring of threewheelers from the " 200 " at an carlier date than this; bur, nevertheless we think that a great injustice has been

## A Forecast for the J.C.C.

 done to the three-wheelers, and, as Mr. Morgan points out, the one and ouly accident to Mr. Ware is not a reasonable basis for the J.C.C.'s decision, as it should remember that there have been many aceidents to four-wheel cars at Broollands. If the J.C.C. is going to bar one car after another through accidents, we can see the " 200 " being held as a cyele race iu the not-far-distant future. Leery sport has a certain amount of danger, and motor racing is no exception to the rule.Whilst writing, we should like to reply to Mr. Morgan's recent comments regarding reverse gears and other fittings on three-wheclers. It is true that reversing in a crowded street is not always ensy, but there are other times when a reverse is not only convenient, but is necessiry, and even in a crowded street a reverse can be of great use, as at times it is easier to reverse than to turn round.

We admit that Mr. Carr replaced a wheel in the International Trial with the loss of only one mark, but we would ask Mr. Morgan to remember that evergbody has not the knowledge of the Morgan back wheel that Mr. Carr possesses.

In conclusion, may we point out that we have managed to include all the advantages which Mr. Morgan mentions and at the same time to retain the $£ 4$ tax, and although, as Mr. Morgan points out, conditions of manufacture in France and the rate of exchange are perhaps in our favour, may rie ask Mr. Morgan to bear in mind that we have a very heavy import duty to pay.

> d'IRSAN. Ltd..

Chis. E. Laff, Sales Manager.

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

## Worm Differential Gear.

Will you please permit me to point out an error, due to m s had draughtsmanshin, in the illustration of my worm difitrential gear appearing in your issue of September 18 th. There is shown, looking at it from the front, a lefthand thrend on the right side and a right-hand thread on the left. These should be reversed. As shown, the worms would separate, wherens that they shonld butt on to one another is the essential idea of the device. This is quite clear in the text, but as the illustration will probably be studied most, unless pointed out, it might canse confusion.

Ienry Miles.

## Large Cars in the J.C.C

As a regular reader of your journal and an old and enthusiastic member of the I.C.C., I must agree with your editorial note under a recent letter, that there was no justification for the Forkshire Centre to denart from

Membership
Only the 1,500 c.c. limit and allow "anybody" to compete in the trial of September 19th last. Everyone is aware that the J.C.C. is proud of being the pioneer of the light car movement and has always adhered to a limit of 1,500 c.c., thus it becomes utterly absurd to break away from its convictions just to " oblige."
In any ease. London headquarters would not sanction such ideas in any events they organize, even though a fair percentage of the members own cars over the limit.

I would advise ecntre committees to observe the limit carefally in future and not put the club into an invidious posit:on; there is no need for it.

## Large Car Member.

## Scoring Over the Sidecar.

I have been waiting anxiously to hear more about the flom eyelecar which Mr. S. Collings mentioned recently, and 1 trust that be will make an effort to market it, as 1 am
sure the demand would be considerable
Cyclecar If Mr. Collings is not inclined to do so
Cyclecar. surely there are plenty of men in the motor trade who would be willing to go shead if full particulars of the design could be given

Such a cyclecar is exactly the kind of vehicle for which many of us are looking, because the sidecar combination at its best is only a fair-weather mount, and in any case a four cylinder-engined cyclecar would be sweeter and quicter than any twin-cylinder motoreycle.

I hase been studying what machine I can get for the price which I can afford and I require something with a quictrumning engine and a body which has a hood and other weather protection. All light cars with such fittings are priced at considerably more than $£ 100$. Some French light cars are priced at figures which I could afford, but one would prefer to help the industry of one's own country.

May we hope. in the near finture, to bave such a eyelecar as that proposed by Mr. Collings?

MM1047.

## Points for the Manufacturer.

It is good in note that in manufacturer will at least answer the open letter to manufacturers. as Mr. S. Fr. lidge has done in your issue of September 1Sth. The special untarnishable plating which Mr. Lidge is testing

## A Reply to <br> Mr. Edge.

 should become universal if it is all that it is elaimed to br. Mr. Edge mentions also the electric system, and 1 should very much like to know if be has reverted to the singlewire earth return system, as many manufacturers have, for the sake of cheapmess. I'ersonally. J would always tbink twice about buying a car with earth return. All the cars 1 have had with this system have given endless trouble with the lifuting.A reverse catch is very useful. but it should not be too tar a way. or it is iroublesome. No elticient driver should fall foul of the "getting into reverse error" if be has any experiellee at all.

TIas the A.C. car still the metal universal joint at the end of the chatch shaft which needs a lot of attention? I have had experiener of an A.C. where the owner had neglected this joint, nud it was completely worn out.

B60

Can the oil filter be removed without draining the sump? This is a big point, to my mind, as also is the possibility of being able to drain the sump without being an acrobat.

I wonder if the dynamo still is belt driven? On my 1enz3 model it was most innccessible, and unless the pulleys were in perfect alignment the belt would persist in coming off.

The other points mentioned in Mr. Lidge's letter are splendid, and on the whole the A.U. is a wonderful little car.

Just one last point: Is the rear of engine stall close up to the dash? It was a nightmare to remove the vale spring and grind in the last valve. l speak, of course, from an ownerdriver's point of view.

Northerser.

## The North Wales Passes.

Peing one who knows the district around the passes of North Wales, may I say how much I appreciated Mr. Alan Phillip's recent article and its excellent illustrations? This monntain area is much more traversable Attractive by car than its rival, the lake District, Touring Grounds because of its much larger seale. The gradients on the main roads scldom are severe, althoufh some of them are very long. Not only may a car be left at the summit of Llamberis Pass, but the tourist may put un at that spot in a most comfortable hotel. known as the "Gorphwsfa" (resting place), which is much frequented by climbers. It is a wonderful place in which to stay a day or two in fine neather mud there is gond garago accommodation.

With due respect to Mr. Phillip, Abereslaslyn although commonly so called, is not a pass but a gnege. I mountain pass connotes a summit level and a watrushed befween two river systems. It is impossible for a river to flaw throngh a pass from end to end. There is a low pass. through which the railway runs from Peddgelert in Carmavon, hut Aberglasly: is a gorge on the Fiver Ghaslyn bolow Peddgelert. Similarly, fiwyant is a valley, not a pass, meporly speaking.

I wonder if other readers besides myself have noticed the difliculty, when motoring in a monntainons region like Snowdonia, of estimating the gradient hy the eyc. The mountains seem to flatten it out, and make it look much less than it really is. whether one is going mp hill or down hill. Two years ago I was going ung the Gwynant valley towards Pen-y-Grwad on a motnreycle combination, and changed un to toll-gear thre times under the belief that we had reached level ground, only to have to cliange down again immediately.
II. Lingarn Lewis.

## Three-wheeler Design.

With so much attention being centred around the shortcomings in design, and so forth, of the avorage threewhecler, I am at a loss to understand why more people do not interest themselves in the scott

## What of the Scott?

 Sociable. I have been running one of these little cars for about twrlve months now and have proved tiant although in appearance the Scott is, to say the lenst of it, morthodox, the general layout and technical design, coupled with a remarkable road performaner, "fully justify its makers' descrintion-" A car on three wheels."Tust a few of its "fortes" are, a smoolh-rumbing engine with torgue ofuivalent practically to that of a four-cylinder unit. cconomical petrol consumption ( 50 m.p.f. always), orthodox three-speed gearbox, totally enclosed shaft drise to rear wheel, guickly detachable and interchangeable whents, roomy and comfortable body with dickey seat for one or two extra nassengers.
A touring speed of $30 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. can be maintained over practically any distance, whilst if the throttle is fully opened. giving roughly $45-50$ m.p.h., the whole body does not flap abott and strew nuts and bolts all over the rond. In addition, the Scott possesses what is, in my opinion, a virtue not met with in any other tricar, i.e., silence. Althongh. 1 may add. should the "sparty lad" wish to attract his full guota of attention, he can remove the tail pipe from the silencer and give the rest of his immediste world the impression that he is testing $\Omega$ new racer.

Needless in say $I$ have no eonnection with the firm whr manufacture these machines, nor with the trade in any 0 . its branches, but with so much talk about the deficiencies and inefliciencies of other thred-wheelers, I feel jrompted to ask-" What is wrong with the Scott Sociable?

Sosche.


## Safety first!

Clean your side curtains with Basso and thus ensure clear vision. The best results are obtained by applying Brasso freely and rubbing with a circular motion; continue the rubbing until the polish appears and then finish off with a clean cloth.

# BRASS cleans Celluloid 

RECKIT<br>AND SONS<br>LTD<br>H UL L<br>AND<br>LONDON.

LEA-FBANCIS CAR-London-Exeter Trial.
Four Gold Mee BLIS. STATIONARY All four Cars fitted with BLIC STA
ARMATURE MACNETOS.

Simple, robust, small and light efficient, dustproof.

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London Depot : 2, GREYCOAT ST., WESTMINSTER Sw, Vick Telerrams: PLona, London." Victorio 87 Tulenhone (2 lines), randon. \& 2 ${ }^{\text {ND }}$ Count G. Masetti (Darracq) both on $29 \times 4 \cdot 40$ Englebert Balloon Tyres. $4^{\text {TH }}$ Major F. B. Halford (A. M. Halford Special).
1,100 c.c. ST M. GOUTTE (Salmson) Class. \& $2^{\text {ND }}$ M. de Marnier (Salmson). ALL ON ENGLEBERT CORD TYRES!

ENGLEBERT TYRES, LIMITED, 162, Great Portland Street, London, W.1.

## OUR READERS' OP'INIONS (contd.).

## A Salmson Club Proposed.

Several of my friends, who are owners of Salmson cars, have surgested that I should endeavour to form a Salmson car club. I shall be glad, therefore, if owners of these cars will be good enough to let me know if they would be prepared to become members, and should a sufficient potential entry be forthcoming I should be only too pleased to carry out the sugrestion.
31, Brook Strect
Jiond Street, London, W.l.

## The Dazzle Problem Again.

The return to normal suntime and early lighting-up brings ones more the bughear of dazzle hendlights and the old question "to dim or mot to dim?" arises anain. As this

Special Lenses importance to owners of light cars Advised. importance to owners of light ears,
which are often fitted with one pair of lamps only, it may interest your readers in knore of the results I have obtained by the use of anti-daz\%le lenses.
With mormal heallights one feels obliged to dim for an oncoming dhiver, particularly if he dims first, but dimming with one pair of headights on a light car is often rery dangerous, particularly when there are so many cyelists who do not think their lives worth a tail light.

I find that the ruti-dazale leuses I use not only save the necessity for dimming, but they diffuse the light nearer the car than ordinary lenses, and thus it is nossible to see the edge of the road when passing other headlights. In addition to this I find that it is much easier to drive through the banks of mist which one finds on low-lying countrg roads than with ordinary lenses.
There might be some slight loss of forward illumination, but it is not appreciable when driving at 30 miles an hour, which I feel is quite fast enough for safety in the dark, but on this pnint I may be eccentric.

The lenses are made ly Pougher's Patents, Ltd., 30, Stonegate, York, and, I believe, obtainable direct. I should add that $I$ have no interest whatever in the firm or the sale of the lenses, but I think my experience with them may be useful to other light car owners who wish to drise at night in safety.
G. C. Meseltine.

## CONDENSED CORRESPONDENCE.

Mr. A. Stewart, whose inquiry regarding Belsize-Bradshaw light cars was published recently in our "Information Wanted" column, writes to point out that bis address is at Oak Iouse, John Strect, Manleg, Staffordshire, and not Henley as published.

Mr. R. Drvies writes in appreciation of the treatment which he received from the British Lighting and Ignition Co., Itti., manufacturers of the B.L.I.C. magnetos. Although the guarantee period on his magneto had expired by three months the instrument was completely overbauled by the makers, the only charge being 10s. 10d. for new ball races. Whilst Mr. Davies's magneto was being repaired the B.L.I.C. Co. loaned him another magneto free of all charge.

## INFORMATION WANTED.

Belsize-Bridsifaw.-I should be glad if owners of Bel-size-Bradshaw cars will let me know what is the average oil consumption, as my engine requires about one gallon every 230 miles. Information with regard to improving the consumption will be greatly appreciated.-O. B. Hogben, $1 S$. Tithe Barn Road. Stafford.

## LOST.

Starting Eandee.-If any reader picked up a plated starting handle which I lost last Thursday. Sentember $2 \neq t h$. between Woolwich and Tonbridge. via Sideup. St. Mary Cray and Riverhead. I shall be mueh obliged by its return.W. H. Whitrick, 3G, Oakley Park Drive, Leigh-on-Nea, Essex.

## CLUB ITEMS AND SPORTING EVENTS.

NORTH LONDON MOTOR CYCLING CLUB A apecd Irial, organized by tho North Iondon Motor Cycling, Club, will be held on Saturday, October 10th, on a privato courso in South Herts. Thoro will be classes lor three-wheelera obtained from ibe hon. accictary of the organiang club, Mr Alan W. Day, Claromont, Bal-
lards Jano, Finchley, London, N.3. (Pbono,
Finchley 175. )

## CORK AND DISTRICT M.C.

An opon reliability trial was held by the Cork and District Motor Club on Saturday, September 19 th, over a 180 milo conrso in the
county in rather untavourable weather. Alter tho lunch interval competitora had to restart their enginca within 5 ecconds, and it is a tributo to tho froc tuning of the cara that all but once competiter succecded. An open check Was taken during tho trial, and there was also ion test.
The cnn for the best performanco was won by C. O'Sulivan (10 h.p. Singer), who also marks. Light car winners of accond-clana
amards werc: J. R. Ross (Austin). Miss $K$. Cross (Fial) and W. Williamon.

## CHILDREN'S DAY.

National Children's 'Day this year was held under tho auspices of the R.A.C., tho actual the hands of the motor and motorcyeling cluba in rarious parts of the country. Tha largest aingle ouling was that organized at Coventry a day in the country. The tolal number of children who havo been or who are to be en tertained wll amount to a bollt 6,000 . Tho following cluls wara resninsible for arrange ments in their respective districis:-
Bucks County A.C.C Calford and District feld if.C. and L.C.C. Bristol M.C.C., Mudders lacds Mntor Enion, Maunton and Diserict M.C. and L.C.C., Spen Villey M.C. and I.C.C. Derby and D. M.C. Midland Centre A.C.U. Wetherby and D. M.C. Workson and D. M.G., Westmorand D.C.C. and L.C.O., Sinemeid and 1 Iallum Harrow nnd D. M.C.. Newenstlo and Northern M.C.,. Scarborough and D. M.C.C. North Western Centre A.-C.U., MIddlesex County A.C.
and Essex County and Southendon-Sea A.C.

## CLAPHAM AND DISTRICT M.C.

In tho Clapham and District Motor Club'a Captain's Ron held recently, G. Yoang (11 h.p. Standard), who won a siver medal, was the boing of a very strenuou nature.

```
FORTHCOMING EVENTS.
    October 3
Brighton and Wove M.C. Speed Trials,
M.C.C. Oneday Sporting Trinl.
Esacx M.C. Brooklandi
Oxford M.C. End-olscason Trial
A.-C.U. (Midland Centre). Alec Ross
Disabled Divivera'M.O. Cloaing Rally.
J.C.C. (Yorkehire Centre). Paper-chase
of tha Scason
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Olgmpiz Motor Show.
Oetober 10.
B.M.C.R.C. Championship Meeting (Post-
yoned from Septombar 19th)
Worecstershiro M.C. One-dav Trial
            October 10-11.
Jublic Schools* M.C. Week-end Ran.
            October }11
Morgan Club. Damo Cup Trial.
            October 17
M.C.C. 100.Nlile High-speed Trial.
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## YORKSHIRE CENTRE s.C.C.

To-morrow (October 3rd). the Yiorkshire Centra of the Junlur Car Club will hoid a pader-chase, stirting at Bramhope. Members will meet at interrals. The erent following at onc-minuto rogramine of the Yorkihlre Centre summer hould be sent to the hon. secretary wr $R$. Smith, Torridon Lodse, IIeadingley Lane, Leeds.

## ULSTER AUTOMOBILE SPORTS CLUB

A new body his been formed in Belfast under the name of the Ulster Automoblle Sports Club and although it is now litte over a fortnishtol which will be held to-morro: (October 3 rd) under a parmit of cha R.I.A.C.. at Ballybannon near Castlemellan. The road has been closed or the event by the Connty Council. ome of which will bo for light caragramme open eratch ovents the care will be run up the hill in pairs, and some Goc racing ahould be wit

MORGAN CLUB'S TRIAL
The Dame Cup trial will be held by the Morgan Club on October 11th, atarting from "The Black llorse," Wood Street. Ytigh Harnet, Tring and Thame, the return being made via tho total distance being a bout 100 milea. There will bea an easy starting and a stod and restarting test. The Đame Cup will be awarded for the lest perlormance of the day. while a special cup. presented by Mr. 11. F. S. Morgan, is before October 16in 1922 . Wha gains the bighest number of marks, and alio qualifes for a dilver or bronzo medal. Entrica closo on October 3rd, and should bo sent lo the hbn, trinls sectetono, N. 20.

## B.M.C.R.C. MEETINGS

Owing to the unfarourable weather on Sejtember 19th. the British Motor Creling Racin: Clolia Chrmpionship Mceting had to be post(winter firee). The prommence wit remain tho asic and ni extra cotrics will bo accepted. The prosramme previously fixed for Octoter 10 th rill be carried oot on Saturday, Octoler 2tib, onrmetriag at 1.50 p.m. This incluilu the Ali-coueru' Consolation Handicap for mem-
bera who. during the 1925 acason, hare nit competed or bare not been placed in the first three in any orent, a thrcolan handicap for passerger raschines up to 1.100 c.e. and a threolap private ownors hanaicap for any class of machine. Entries for this meeting close ou Wednesday. October 14th.
The anoual dinner and presentation of prizes will take place on Saturday, November 7th, at
tho Calu Royal. IRegent Strect, London. W.


> We invite readers to send us h!nis gained from their own experience for inclusion in this featare. Five shillings will be paid to the se.ider of ony hint published.

## Obtaining Water for the Battery.

The aceompanying sketch shows how it is possible to obtain a supply of rain water in the garage for the batery

The apmaratus consists of a large glass fumbel, mounted on a bracket on the wall outside the garage find suitably placed to collect rain water. To the spout of the funnel is attached a rubber tube, which is led into the garage. The end of this tube is clamped above a second fummel, which has a number of filter papers in it ; these may be ohatined from any chemist. The funnel should be placed in the mouth of a large glass bottle.

Clean rain water is thereby caught and thoroughly filtered. thus insuring a constant sumply for the battery.


A method of collecting and filtering rain water for replenishing the battery; although a large quantity of water cannot be caught in this way, sufficient for a car lighting system may be obtained.

## Care of the Lighting System.

Ineflicient lights on new or repainted cars often can be traced to poor conneclions caused by jaint or varnish, which acts as an insulator. If this trouble is experienced all terminals and connec tions should be examined, and any foreign matter seraped off the metal.

It is not advisable to charge batteries in series at such a high rate that they begin to gas immediately, for this is liable to damage the battery. The proper charging rate is about one ampere per positive plate per cell; thus an 11plate battery should be charged at five amperes.

104

When replenishing the electrolyte of the battery be careful not to fill above the correct level. Overfiling leaves no gassing surace in the cell above the plates, and this, when the temperature of the electrolyte is incrensed, causes the acid to exude from the vents in the fillere caps on the top of the battery, resulting in enroded terminals. The proper level for electrolyte is $\frac{1}{3} \mathrm{in}$. above the plates.

Never try to test a battery immediately after flling it with water, as the hisdrometer will then register a partially discharged or dead battery. Alluw some time for the added water to mix thoroughly with the electrolyte before testing.

## Readily Made Wire Brush.

Ewery nwaer-driver linows how useful it is to have a wire brush in the garage, for with its aid many tedious operations may be grently simplified. A useful wire brush may be made in a few minutes from an old leugth of Bowden cable and a piece of copper tube. The Bowden cable is threaded back and forward hrongh the tube, leaving three or four loops protruding from one end. The end of the tube is then gripped in a vice, flattening it so that it lindds the calle securely. The ends of the loops may then be cut of and the strands of the cable montwisted. lenving a useful wire brush as shown in the illustration.

## Another Use for the Radiator Cosy.

Aiter washing a car difficulty is sometimes experienced in starting wil the engine, due to water being splashed through the radiator and the lourres of the bonnet on to the engine. This applies particularly to cars on which the carburetter and magneto are placed in an exposed position.

A convenient was to mevent this trouble is to blace the radiator cosy


Wire brushes are very useful to the owner-driver and can be easily made from a short length of Bowden cable and a piece of copper tube as shown above.
in position before commencind operations. The hose can then be uset? as liberally as desired withont danger to the innition system or the carburetter.

It will, of coursp, be necessary to wash the bonnet afterwards, but this may be done without the hose : a bucket of water and a siponge should be used instead. eare being taken not 10 splash the water unduls.
 Jowett car is charging below its proper rate if the ammeter shows a readiug of 3 at $15 \mathrm{~m} . \mathrm{p} . \mathrm{h}$. or 7 it at $25 \mathrm{~m} . \mathrm{p} . \mathrm{h}$.
C.J.D. (Eccles).-The hole which has appeared in the piston crown is almost certainly due to a blow-hole in the casting. As the car is a new one, we should recommend your applying to the makers for replacement of the part under guarantee.
A.A.T. (Bedford).-On no account should you attempt to plug up the brass tube on the gearbox lid of your Jowett car to prevent oil being thrown out. The brass tube is an air vent and, in all probability, the trouble arises from an excessive supply of oil ; the oil level should be 2 ins. when mensured with a dip-stick.
I.K.K.P. (Kew).-The starting difficulty you describe seems to be due to an air leak. Did yon take care to motice that the washers between the ends of the inlet manifold and the cylinder block were of equnl thickness when reassembling the parts after overhanl? Unequal washers will prevent the manifold "bedding down" evenly, fund thas give rise to leaks.

Enclose starriped envelope, please for reply by post. We do not an suler querles over the telephone.
F.D.D. (Penzance).-As the inner tube in guestion leaks persistently without any evidence of a puncture, we surfest that the nut which holds the valve in place is loose.
S.L. (Oxford).-Your informant was incorrect. Lincolnshire is not "all fenland and as Hat as a billiards table." The wolds present a series of local hills, several of which call for secondgear work. Hair-pin bends certainly abound, hut not one should call for tho use of reverse with a light car.
C.O.I'. (Lfail).-The idea of tightening a loose velve guide with a piece of packing such ns brass foil is quite practicable, but in the case of the inlet valve we think that leaks might be set up, cansing unsatisfactory rumning. $\Lambda$ new vilve guide should be obtained and fitted; bear in mind that the longer the cugine runs in its present condition the grenter will be the difliculty of fitting a new gnide.

The man who goes to

## Part Exchange Fouse

 with his old car is the man who obtains the HIGHEST POSSIBLE PRICE for it in part exchange for ANY MAKE OF NEW CAR.People often "I'm sorry I bough that car, it has been more trouble to me than it's worth. In all probability if they had asked somebody that "knew" before buying they would never have had anything to be sorry about. Are you sure that your choice is right? Parl Exchange House offers you the use of its Technical Service Departmentfree, it makes just the difference betwecen your purchase being one of lasting satisfaction or lasting regrets. We cannot do more than invite you to make use of this ofer, without obligation to purchase. Our expert awaits you on Stand No. 219 at Olympia. Why not ask for him? He may te able to save you pounds.

JOWETT, SALMSON, STANDARD, CITROEN, A - C, AUSTIN, WOLSELEY, CROUCH.


## AROUND THE TRADE.

Wakefield Castrol Oil was used by the winners of every race at the Brooklands autumn mectivg.


Captain John Duff's recent 24-hour world's record, accomplished at the Mouthery track, was achiered in a car equipped with Dunlop tyres.


The $200-\mathrm{Mile}$ Race trophies, including the T. B. Andre Cup, were recently displayed in the window of the Service Company's premises, High Holborn, London. The exhibits also included a Biosklands model Austin Seven.

We learn that Coventry Simplex engines are now being manufactured by Reliance (Coventry), Ltd., Nelson Foundry, Trafalgar Strect, Coventry. In addition to the "OE" type n four-cylinder $8.9 \mathrm{~h} . \mathrm{p}$. water-cooled engine is being built in o.h.r. and s.v, types, and a two-eylinder watercooled model of 55 mm . bore and 92 mm . stroke.

Imperial Motor Industries advise us that they win not be exhibiting at Olympia this year, but that they are having a display of accessories at their showrooms, 11, Denmark Strect, Charing Cross Road, London, W.2.

We are informed that F.O.C.I., Ltd., 5, Heath Strect, Hampstead. London, N.W.3, are agaiu the wholesale and retail distributors of Jowett cars for the N. and N.W. London postal arens. Their representatives will also be in attendance on the Austin, Clyno, Renault and Singer stands at the Olympia Motor Show.

The National Sales Corporation, Ltd., the I,ondon offices of which are at 155-157. Grent Portland Strect, W.1, has issued two booklets setting out arguments in favour of its purchase-out-of-income scheme. One booklet entitled "When Your Ship Comes Home or Now?" is addressed to the motorcar purchaser, while the other is for traders.

A clear indication of the popularity of Mixtrol oil for upper cylinder lubrication is afforded by a letter which we bave received from the Mixtrol Oil Co., 43 , Berners Street, London, W.1, pointing out that, apart from the British market, very large quantities of their lubricant are used abroad. The company states that their agents in Canada. for example, who started with six $S-0 \%$ tins for trial, now place regular orders for two tons at a time in bulk, two tons of Mixtrol being sufficient to treat $1 \bar{u} 3, G 00$ gallons of petrol.

RESULT OF LIMERICK No 39.
The winner of last week's Limerick Competition is Mr. Alec Taylor, G4, Baskerville Road, Norllıwod Park, Manles, Stoke-on-Trent. His winning line appears below:-

Said Horatio Oldhand, " Ha! Ea!
" I perceive that this second-hand car
"Isn't quite what I thought-"
Then a deaf'ning report,
Made his bargain less "gain" and more "bar."

-not only from the elements but from the many other dangers.
If your screen or goggles are of ordinary glass you are inviting trouble, therefore, always insist on Triplex - the only safe glass. Triplex safety glass spectacles and goggles may be had from all Opticians, Garages, Stores, etc. Spectacles, $10 / 6$ to $21 /-$ Goggles, 8/6 to $42 / \mathrm{F}$. Anti-glare and anti-dazzle tints, 1/- per pair extra. Write for illustrated list, mentioning "The Light Car and Cyclecar."
Stand 25Olympia, October 9-17.

THE TRIPLEX SAFETY GLASS CO. LTD., 1, Albemarle St., Piccadilly, London, w. 1
READERS, NOTE.-Il assists the small car movement and the adverliser, and ensures you prompl


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There will appear very shortly in The Light Car and Cyclecar an announcement of consideratle interest to Economy Motorists, relating to the activities of the ALLEN-BENNETT MOTOR CO., L'TD., for the 1926 Season. It will at once be apparent that the leadership which Allen-Bennett's have gained in the Light Car field will be still further developed. And these developments will mean that the BIG STOCKS for which Allen-Bennett's have always been noted will be still bigger: PROMPT DELIVERIES will be even more expeditious; and the unique facilities and " Lasting Service " that have established Allen-Bennett's as one of the most successful enterprises of its kind in the country, will even more thoroughly commend themselves to the ever-growing numbers of their customers

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Itd. and aro acknowledged ta acller when cleared. It a anie is con. Ctd. and aro acknowledged ta acller when " cleared." It a anle is con.
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## NOTICE

Uwing to postal delays and irregalarites, it is adviab ble to poat advertisomonts EARLY ON MONOAY so 25 to ensure. an far as possible, that they reach us by the FIRST POST on Tucaday. Lately several advertisementa bave been received too late lor Inclusion althongh despatched on Munday

## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE

A.B.C. A.B.C. Motors, Ltd., Walton-on-Thamea. 'Phone, repaira mama-
ger. Esher 540 and 541 . Hepairs, converalona and renovationa to ger Esher 540 and 541 . Hepairs converalona and renovatinra to
 A.B.C., 1922 , juat repalntcd, in good order, 260 or offer. North $\begin{aligned} & \text { Lnndon } \\ & 676 . w 813\end{aligned}$
Garage, Corsica St., N.7. A.B.C., 1922 Regent 2 -acatcr and dickey, in exceptionally nice con-
dition throughout, very dition throughout, very fant. E7S, exchange or terma. Chester Mizhalle
Stonrelifle St., Edgwaro Rd. Padd. 3553 . (Fourth turn right frora Marble Arch.; Alwaya open. Padd. 3553. FFourth turn right frora
A.B.C.E and como 60 odd others on terms from one-tenth down; ex-
 A.B.Q., 1522, Sporta, new tyrew, overhauled, repaiated. 268. Bolow.
A.B.C., 1923, Regent, 2 doors, dickey, in frat-class order, s80. Below.
A.B.C., 1923, z-seater, apeciah car, self-starter, Tripiez acraens, etc., ع8.5. Bolow.
A.B.C., 1926 model, Super Sports, in a class by itself, 2275. Below, Aleo seretal othera and a widto choice of light cara. Cash. deferred, ex-
change. Welow. chanze. Betow
Ward and Co., 51 Upper Richmond RL, East Putney. 'Phone, Potnsy
2818-19.
A.B.C., 1921, Regent, fully equipper, side screana, 2 sparo wheels, spien-


A.B.C., 4 हeater, starter, motlled aluminium body, extremols nice condi-

A.c. cars.

Caithness and Co., Lid., the A.C. apecialista, have for disposal serersl barisina in shop-solled and aldebtly used A.C.S. Write for full particu-

A.C., 1923 model, 2 -seater and dickes, painled grey, fully equipped And in first-class condition throughont, price E145. Caithnets and Co.
Ltd., 65 Gt. Portland St., W.1. Telephone, Langham 2172.671 .877 A.C., 1919, first registored 1921, 2 -seater, dsnemo lighting, ete. recoachpainled maroon, iared, hatle used. porfec condition, any irial pri-
vato owner, $£ 75$. Phone, Mountricw J043. A.c. Soclable, 1914,2 scater, really pood tyres and apare, engine per-
foct, very reliable, taxed, fi 10 . K.J. Motors, Bromley. $672-59$ A.C. 19212 -rater with donble dickey, painted royal blue. every accei-

 A.C., 1924. 2-seater English body. porfect condition. £190. Sanith ard
Kunter. 90 Gt. Porthand St. A. O. a and pomo 60 odd others on terms trom onotenth down: exchangsi. Soo our displag, nago 61. Benntotors, $30-32$ ILigh St., Wandsworth.
S.W. 18. Kathersea 1509. A.c. 192512 hp Royal 2 -seator, as recently listed at f 575 , only run Nownham Motor Co., 245-5 Hammersmith Rd., W.6. Phone, Riversitid.
 Motor Co, 243-5 Hammersraith Ra., W.6. Phone, Rirerside 3161 671 it A.c. Edwards offer 1920 2-scaler, starter. elock, spectometer, exce?lent condition, 80 gnineas: exchanges or delerred. 175 Gc. Portland
St., W.1. Mastair 6977 .

## AMILCAR.

Sole Eritish concessionnaire for Amiles spares and csra,
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AMILCAR. Boon and Porter. Lid.

## The Amilcar apecialists

1925 lateat model Super Sporis 2 -seater, finished cream. fulis equipped, taxed. rery small milesge, complete with hood and V-type screen, fullj Porter, Lld., 159.161 Castelnau. Barnes. S.W.13. 671 . 35
Amilcar, epecial 2-seater, leather body, Hartiord, rery inat, e135: 671.116

AMILCAR, 1 n24, beautiful inlald Fooden boat-shaped sporta body car In aplendid condition, \&150. Shillan. 150 Southampton Row, Lor.


## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (continued).

ARIEL S, 1924; 3-seater, fully equipped, balloons, excellent condition, -671-z626

 AUSTIN 7, 1924. electric starter and full enuipment. speedy engine,


AUSTIN, 1925, 7 hp, iased. insured, unasual ertans, small milazae. like

 Austin 7, 1924. 7 hp chummy model, in new eondition, taxed ycar
 AUSTIN 7, 1923, chummy model, taxed year, all-weather equipment fully rquipped, nion order throughout. f82 10s, : Cash, exchnnges, delerree pasmento. W. T. Lunn, Lid., $\mathbf{5} 26$ Euston Ild., N.W. Phone. Muscum $671-969$
 Ginlop cord oversize tyres, specdomerer, 280.133 Russal Ave.i 6
 AUSTIN 7, lato 1924, chammy, largo body, Nectrie nterter, clock, sperdoAucler, shoek nbtorbert, spring gaiters 5 lamps, dashlamp. Klaxon, pnet
 ban. 1998.


AUSTIN 7, 1925 sporis 2 -acater electric lighting, atarting painted
 foom Marble Arch.) Alwaya open. $671-45$ AUSTIN 7, 1924, specdometer, stauter, excellont ordor, 2100 . Rice, 41 AUSTIN 7, 1924, ohummy, electric starter, good tyres, specdometer, inxeri, repainted, as nex. E102 10s.; exchanges and deforred terms.
 AUSTINS and same 60 odd athers on terms from one-tenth down ; ax changes. Sec our displas, page 61. Beninotorn, 30-32 High St., Wand.
worth, S.W. 18.71

 AUSTIN 7, 1924 late, electric starter, ahock absorbera, excellent con-671-z478
 AUSTIN 7, 1924. 2100: pasmente from 10 per cent. down: exchangen. S., Saliord, Nanchcter. Cent. 671 .2686

A.V. monocar, 6 hp, painted red with copper discs, \&20. A. V. Motors.
A.v. monucars, 6 bp and 8 hp , lamps, etc., e22. A.V. Motors.
A.V. monocar. aluminium body, copper disca. electric light, specto-
A.V. bicar, 8hp J.A.P., in aood condition, \&28. A.V. Motore.
A.V. runabout, fitted lamps, 230 . A.V. Motors.
A.V. birar, filted lamps, e30. A.V. Motore.
A.V. runabout, dynamo lighting, apcedometer, Martlord shock absorbers,
specially fast and sporting. E47. A.V. Motors.
A.V. Motors will take your old car or motorcycle in part exchango tor any of the above machines. Deferrod termas arranged to suit clicnte

 olectrio ligiting. ieveral extras, including luggage carrier sitchend oiectrio lignting, several extras, incluning luggage carrier. slichelin


BELBIZE.GRADSHAW, 1923 , tayed, In good condition, excentlonally 671.979

## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (conlinued).

BELSIZE-BRADSHAWS and some 60 odd others on terms from one.tenth
 BELSIZE.BRADSHAW, 1923-1924, 9hp, coupe de luxc, dickey, in thplop mechanical condition and of rery smarl appearance mainted choco late, black wings. taxed December, selfstarter, dynamo lighting, npeedo-
meter and varioua extras. leather upholstery, a finc litle all-the-ycarlland car, open to R.A.C.-A.A. examivation, f95: delcrice it requred. Harold Simons. Below.
BELSIXE.BRADSHAW, 1923 (August), 9hp, 2-acatcr, dickec. taxed Decemberij smart mpprarance, all-atarter, dynamo lighting, clock. specdo-

日ELSIXE-BRADSHAW. Edwards oHer 1924, 91ın, 2.scalcr, sunk dickey,
 BLERIOT-WHIPPETS. Several 19232 feraters, fully equipped with elea
 BLEERIOT.WHIPPET, 2-seater, 1920-21, 9hp Blackburno engine, spare



BuGATTI, 1923, 16-ralve model, 3-seater body, renainted breen with
 able of high speeds, price $£ 180$. John Pollitl and Son, 37.41 Renshaw
St., Lircrpool.
$672-62$ BUCATTI, genmine 1922 Lo Mans , EAl-startar, dsmamo very complelo
 Buckingham, f35; exchanges, deferred naymente, 1922.23 Bucking ham 2-seater dickey dynamo. detachable whecla, good condition. $671-9.3$
bridge, 35 IIansler Rd., East Dulwich. Sydenham 2452 .
CARDENSI Cardens11 Cardenell| Do you want a genulno bargain in one of these nice intlo 2-reaters Fuly aquipped nnd overhnuled, from



CALCOTT 192310.5 hp 2 seater, double dickes, djnamo lighting starter all-weather equipment, splendid conditian, tuxed lor year 1999
10s. Wilkins, Simpoon, opporite Olympia, London.
671.2665
 CALTHORPE 1923, 10-20, dron-hnad conpe, dickey ecat, Ntarting and

 CALTHORPE speciatist. Exchanges. Deterrert paymenta. 1920 allWerther 4eakr. elartcr, 869 , 1921 all-weather 4-seater.
 CALTHORPE, 1919 , 4 -seater, 10 bp , smart appearance, excellent order throughout. Exchange motorcycle with some cash. Newnham's 8 show.
rooma. Heath Rd., Twickenham. London.
671.63
CALTHORPE, 1923. semi-coune 2-scatcr, soomy dickey, dark blue. ex

CALTHORPE, 192210 hp , 2-seater, execllent condition and smart ap-

CALTHORPE. Edwarde offor 1924 12-20 2 -scater, sunk deckey. starter apecdometer, leather uphoistery, all-weather equipment, excellent order,
120 guineas. Below.

CALTHORPE, 1922, 10-15 all-weather coupe, 2 -neater, aunk doublo

CALTHORPE. Another barging 100 glinead 1923 |Junel, 10hp Calwiorpe do And ander arance holatered in mechanical condition open to A. A.C.A. A. examination. up spedometer, electric and bolb horma, double deflector screen. ricid sido

CHARRON, 9hp, 2-geater. dickes, dynamo Highinge, 4 new Dunlopi jngt




## SECONDHAND LIGHT CARS AND CYCLECARS FOR SALE (conlinued).


 cirnoen 7 . 1925 . clooror leal 3 3.sator, clock, speedometer, balloons, as













 Citroen, 7 hin, 1925, 3 -smater clorer.teat, dynamo ilshing, rell-starter.



 CITROEN, 1924, 11.4hn, 4 - -eater, bnlloon tsres, all-wenther equipment.


Citnoen, 1924 model 11.4 Englieb do lose 2 -seater and dickey, fully caulppedt, execeilent condition, 115 guln neas. Belom.

 Citmoen, 4 scater, 10 hp , new condition: terme 27 , and 10 pasments





CITROEN, 1923, late. 11.4hp. Englioh body 4.seater, rigid A. .V. car-

CITROEA, 1923, 11 Ahp. English hody, 2 -acater and doublo dickes:

 CITROEN, 1925, 2-scater, 7 hp, milenge 2,000 , new condition: exchange cheaper car, motorcycle, dflers wanled. Newaham' Showiooms, Heath
Rd. Twickenham, London.

CITROEN, 1925. English body, 4-scater, mileage 1,200, new condition, f178: exchange cheaper car, motorcycle. Newnham's Showroome. 11 raih
Rd., Twickenham, Loudon.
$671-60$
CITROEN, 1925, 7.5hp, 2-scntcr, fifled with every conceivable accescory, as brand new tbrollghout, f105. Below.
CITROEN, 1922, $21.4 \mathrm{hi}, 4$ senter, self-starter, lighting, clock, specdometer, rear sercen, etc., paintwork nnd lyres as new, mechanically jer-
fect, taxed, f'l7. Below.
CITROEN, nlightls showroom solled, 11.4. English body, complete makers' specification, guarantec. 140 fuincan: exchangrs, extended payments.
Mears and Bishop, 225a IIammersmith Rd., W.6. Riverside 2230 .

CITROEN, late 1924, 114 . English 4-scater, liphting, starter, all-


CITROEN, 4 acater, lighting and otarting, overhauled throughout, Fuaranteod pertect condition, tyres good, Arat-clace family car, $\mathbf{8 7 5} \mathbf{6 7 2 - 2 6 3 5}$ Good-
land, Enst St, 'l'onbridge.

## SECONDHAND

## LIGHT CARS AND CYCLECARS FOR SALE

 (continued).




 cluley. Edwards oller 1922 10hp 2 -scater. sunk dickes, Alarter,
 changss or deterred. 175 Gt . Mortiand st., W.1. Jiaylair 697 671.129






CLYNO Edwards oller 19244 beater. fulls, peuipped. starter. clock.

COVENTPYPREMIER, 1922 a Ap, tax Raid. dsnamo lizhtiog, popedo. tenorilon to extent of 60 bs
 COVENTPVPREMIER, 1921, electric lighting, 2 specd, and rererte.
 COM, 67129 COVENTRY-DREMIER., 3 .wheler, in splendid condition, rery dmarl
 Herts.
CNVENTRY-PREMIER EJward oller 19228 Bhp 2 seater, doublo
 CRouch. Edwards oller 1923 11.9 ill eest ther coupe. 2.seater 671.120

DAY-LEEDS. 1921. 10hp, 2.seater, central controls, detachablo mheels,

 Brixton 6 D'YnsAN, 1925 , late Mas, special sports bedy, 12 -solt lighting ard sharter, owner purchasing auper sports; call alter 7 p.m., or write. 70
Manvillo Rd., Belham.

ENFIELD-ALLDAYS, 1923 model do luxe, 2 seater with double dickey cat, dsuamo and starter, new balloon tyres, etc. This car da real beaury and in splendid order and condition, bargain, e125: cxchanges. ${ }^{\text {eazy }}$ torms, etc., arranged. Cummings, 101 Fulham Rd. I.ondon, S.W. $671-28$ ERIC.CAMPBELL 1924, chummy model, dymmo lichting. excellent condrisom, fulcy equipmed, licensed and guarandeed, 105 exchango or hirepurohase. The Light Cas Co., 404, 410-414 Euston Rd., London. $671-935$
ERIC-CAMPBELL, 1924, de luxe. 10hp, 2-scatcr, double dickey, electric ighting and starting. clock. speedometer, apring gaiters, boot cover. fust repainted and reupholstered, $55 \mathrm{~m} . \mathrm{p} . \mathrm{h} ., 40 \mathrm{~m} . \mathrm{p} . \mathrm{g} \cdot \mathrm{C}$. convincing triai run


ERIC.CAMPBELL 1921, all-alominium sporta 2-seater. small mileago, taxed December, 50 guincas. Upwaycs, Roundwood Park. Farperden. 671.6638 FRAZER-NASH, 1925. 1ast tourer, 3-seater. Hartfords all round. clock. rev. indicator and good tyres, only done 5,800 miles, aluminjum bods, as new, price e24. William G. Thomagand Frazer-Nash, Lid., London
Rd., Kingson-on-Thames. Telephone, Kingston 3610 .
G.N.s. Fadism Co., tho G.N. speoialists, ofter the lollowing carefidis
C.N., Suparb Vitesso model, orerhesd ramshafls, beautifuly ereamined polished alumioium bods. Hartfords ail rourd. phenomionhy fast. Idevt for endhusiast who wishes to combies fast touring with competition C.N., Late 1922 , Frazer-Nash, o.h. $\quad$., beauliful polished aluminium bojr, vers last and fexible, mans extras laxed 1926. \&56.
G.N., 1922 (December), arcellent paintwork and uphoistery, diekey ふath G.N., 1922, staudard touring. dickes. $£ 45$.
G.N., Lato 1921, really good, splendid tyTes, se2
G.N., 1921, neg., excellent order, f29: another, ع27.
O.N. Others in stock; delerred terms; spares or oh.t. sets for any cars



## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (continued).

C.N., Late 1922, dynamo lighting, specdomeler, mechanical olling. new celicrit appearance. 24 Brackles Rd., Beckenbam. Ravansbourne 671 17549.

G.N., 1922,2 senter, dickes, 550,5 interchangeablo wheles, disef, spocdo-

G.N.a. Earle, Lud. Bolow are a lew of our bargalde
G.N., 1921 Frebch model, etaggered acatf, fulls equipped, $\mathbf{C} 24$.
G.N., 1922, yellow body, aluminium bonnet, taxed, $£ 42$.
G.N., 1921 (lato), domed wings, dickey seat, f30.
G.N., 1922. Frazer-Nash o.h.s., electric horn, dickes. $£ 55$.
G.N., 1922, dsammo, dickey, gres finiah, perlect, 448
G.N., 1922, bluc inish, dynamo, dickey, etc., 142.
G.N.s. Erris, Itd., The Vale of Health, Hampstead. 'Phonc, IIampstead
 G.N., 1923, 4 -erlinder 9 pp. $f 60$. excecllent condition. taryd, dynamo, il-weather. specdometer, dickes, a bargain. 6 Worcester Place. $671-2692$ G.N. Edwarda olfer 1922 8hp 2 -scnter, dickey, dynamo, clock, specdo-

C.N. $n$ bargain, f39. 1922 Ratec), G.N. 2.scatcr nnd dickey, dynamo


C.N., 1921 . 2-acater, in wonderful condition, polished aluminfum bods.

 C.N. Belure declding to purchase an ordinary arcond-band G.N., writo for narticulars of rebuilt ones in gunanateed condition. Godirey Motors,
Minnor Rd. Richmond. Phone 3024.


 G.N., 1921, dynatmo lighting, etc., in good condition, e40. A.V. Motors.

C.N., 1921 phinted blue with red whecls, polished nluminium dashoard. tyres excellant, hood. windscroen, spare whecl. 4 lampa, dash same price. Open 9 till 9.7 days a weck. Rowlond Smill, 78 High 671.891
SI., Hampstead. C.N. 1920. drnamo lighting. speedometer. apare wheol, 4 new tyree
 C.N., e35; exohanges. deferver paymente. 1920-21 G N. 2-acater dynamo. aparo whel. speedometer. shook absorbora, repainted sayo bluo. emant, good condinion. Seabridse, 35 Hansler Rd.. East Dulwich.
Eydenara 2452 .

C.N., 1920, 2-aeater, electrle lighting, good order: oxchange motorcycle and small cash adjustment Newnhame Showrooms, Meath Rd., Twicken-
ham, London.
$671-64$
G.N., 1920, frst registercd 1921, dynamo lighting, 6 whecls and tyres, apecdometer, taxed. recent 210 engine overhanl. Arat 220 . 64 G1avion
Rd., Bayes, Middicsex. C.W.K., mukt be sold, room minted. 19214 -orlinder chassin, dsmamo
 cheap.
C.W.K., 1921,2 -aeater dickey, 10.8 hp ongine, reoends overhanled. e32. G.W.K., 1925, one of the amartcst G.W.K. cara on the road, 2-qeater and dickey. dy口amo. starter, double windscroen, spocdometer, rlock,

 G.W.K. Messra. G.W.K., Lti., Cordwalles Works. Maidenhead. hare a
gumber of second-hand cars for aio at hergain prlect. A. W.K. 1921 , 4-acaler, periect mechenical condition, laxed, E35; exchangeg, deterred. Eniling Car Agencr. Botleau Rd. Eallng 3265.
$671-98$ EW.K, 1921, 2 sezter and doublo dickey. 10.6hp, 4 epeeds and reverse, C. . W, dynamo liahting, gpare whecl, Cowey apredometer, uanal cquip. ment, an exceptiona bargain at 232 . Teddington. Kingston 2562 .
St., CWYNNE 8, efcond-hand cars, all models, overhauled and guaranteed, CWYNN ington.

## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (conlinued).

GWYNNE, 8hp, Eporting 2-seater, Into 1925, nerfect condition, e95; exchange chumims. Comerlord's Motor Exchange, Fortsivith Trd., GWYNNE, 1923, chumms, atarter, ITartiorda, all-weather, tyren re

GWYNNE. Iondon Service Denot for all overhanals, borlywork and
 GWYNNE, 1925, chummy, 4 -seater demonstration model, practically new, reduced prace عi65, taxed and suaranlecd: also accond-hand models: deferred ternis. Denman, 4 Denman Placo. Piccadilly Circus.
Regent 986 .
 HILLMAN cars, omicial repalrers. London diatrice, J. C. Irodic, Ltd., y4a Cheyne Walk, Chelaca, London, S W. 10 . Tclenhode, Kensingon
3200 . All spare parts in alock. Well-cquipped work. $704-\mathrm{g} 326$ HILLMAN, 9 hp, 2-scater, dickey, taxed year, perfect condition through-
out. 5 whects, alectric light, Bosch magacto. \&40. Taylor, 36 1logarth
Rd., Earl's Court.
671 -z601 HORSTMAN, 262: exchanges, delorted payments, 1920 ITorstenan 4 -



 HORSTMAN, $1921,10.5 h p, 2$ seatcr, good condition, 840 . 185 Green-
valo Rd. EJihmm, S.E9.

 HUMBER, 1924, chummy model, dynamo and startcr, lully ifcenged and Gunrantced, $c 125$ : exchango or hirc-purchasc. The Light Car Co. 404,
$410-414$ Eusion Rd., London. JOWETT specialises. Main agents. Immediate delivery new and eccondhand cars, sparo parta, overhanle, bodywork, etc. Westminster Bridgo


 JOWETT, 1923, full 4-scater, blese, electric startor, addillonal largo headnghis, 700 bs 80 tyres, 1925 typo induclion and lighling syatems, 19242 -scator Jowett. grey, with, diekey, elechuc starler, 2 spare wheck, in first-alass condilion, recend?y repainted, 2100 , or nearest olfer, James
Parkar end Son, Motor Specialists, Keadia

JOWETT, 1924, 2 -seater, orarsize tsnes, prico 285 tax paid. Welford,
671.866 JOWETT, 1924, now balloons, dickey, acreen, electric lorn, dnsh, ner-
tect, ع118. Box No. 2678 . c.o. The Light Car and Cyclecar." $671-2538$ JOWETTS. F.O.O.F., Lid., the London Depot and Ecrvice Station, hold
 JOWETT, 1925, 2 seater with dickey, atarter, overelze tgran, apeedoneler, insured March, Ollord and Sons, Led, 94 Gloncaster and in perict condition, 2120 . Ollord and Sous, Lid., 94 Gloucaster Rand. S.W. dowert. R. G. Gamble, authorized agent and speciallst. New nnd reliable second-han

JOWETT. R. G. Gamble, Southeast London Service Depot. Wbep In troublo consult tho specialiats. Below.
JOWETT. R. G. Gambio oliers 1924 2-scater, dickey, mileage 5.500, specially good throughout, $\boldsymbol{f}^{2} 55$. 16 and 22 Gipsy Mili, Crystal Palnce.
$671-30$
Phonc, Sydenham 3379 . doweTt, 69 guincas, 1922 7hp. 2-scatcr, dickey, dynamo, new tyres, juat overhanled: exchangea, delerred payments. 325 Ligh Rd., Chiswick.
Phone 303 .

JOWETT, 1925, 7 hp . 2 -scater and dickey, starter, balloon tyres, apecdometer, ctc.iaxed 1925 , as brand new, f130; exchanges, exiended pay-
ments. Meare and Bishop. 225 Mnamersmith Jid., W. Miverside 2230. Meare and Bizhop. 225a Manomersmith Hid. W.6. Mircrside
671.38 JOWETT, 1925, 7hp. 2-soatcr and dickey. balloon tyres, guarantecd eonal to new, cil28. Newnham Molor Co., 243-5 Mammeranith Ral...
W.6. Phone, IRersido 3161 .
JOWETT 4-acater, latest type, on balloons, cost e190, onr price 2120 : payments from 10 per cent. down: exchanges. D. Railton and Co., 6
Chapel St., Salford, Manchestor. Cent. 8539 .


## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (continued).

LAGONDA saloon, 1925, in beautifuil condition, licen red, scarcoly used.
 LAGONDA, 12.24 hr saloon, painted dark bluc. upholstered Bedford


LAGONDA, 12.24h, all-wcather saloon, painted Inde green, urholstered real antiquo leather to match. Attcd with front whect braked and

LACONDA. 1924 A.enater, dynamo and starter, excellent order. $\mathbb{E} 165$;

 LECOY, 9 hn Blackburno engince ${ }^{2}$-scalcr dynamo Hghting, weit-hod.
 L.S.D., 3.wheeler. 1923.81 , T.A.P. Mngince, interchangeable whects and




 2460 Central. or w're "Tact. Sheffeld." morgan Servico nepot. Offcial appointed repairers by the Morgan
 243 Lower Claplon Rd..t E. 5. Olissold 2408 .
morcan Sarvice Depot. Yortb Yorkshire. Oficially appointed ree
 MORGAN, IOhp, ob.v., Grand Prix enginc, bad makers' orerhaul. orer:

 MORGAN, Acro. 1925, 10tp oh. h. mater cooled dynamo hightipg, orer-
 MORGAN. 1925, do luxe. J.A.P. dynamo ligbting. predomoter. taxed. insurcd,
Bromicy MORGAN, G.P., 1921 , M.A.G. W. C. C. now hood. side screcen. etc., well


MORGAN, Aeto, J.A.P., now Juno, t.w. Wrakes speedometor, hood, per


MORGANS. Momac's hato for disposal tho following garanteed Morgans:
1924 Do Lixec, w.-c. J.A.P., dynamo, unneed this gear, 997 10a.
1924 Grand Prix, o.b.v. w.-c. Blackburno, new tyros, $£ 110$.
1924 Do Luxo (October), w.c. J. A.P., djnamo, speedometer, etc., $£ 105$. 1922 Grand Prix, M.A.G., dynamo, hood, tax paid, 86710 s.
1918 Grand Prix, Bhp J.A.P., w.C., fully equipped, E47 10s
1922 Popular, a.e. M.A.G., fully equipped, Just overhauled and repainted,
Exchangeg or deferred torms arrangod on any of the above Homacie, 'Phoue, Clissold 2408. 671 -962
MORGAN, Family, 1923 M.A.G., w.c., marood, dynamo light and horn


MOREAN, 1925, Family modol, perfect condition, tri\&l, e110. Dagken
Grab: Olemow, Letcester.
MORGAN, 1921 , J. A.P., w.e., G.P. model, gas and electric, good tgres
fast, taxed, insured Juiy, 1926 , 48 . Down, 10 Glebo Rd., Bromley,
Kent.

 MORGAN, 1921, G.P., J.A.P., dsnamo lighting, repainted, orerbauled, parfent condition, any trial, 265 . Btovens, 11 Lainster Mews. Bars.
water.

## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (conlinued).

MORGAN, De Luxe, 1924, wec. J.A.P., dynamo lighting. imoke blua small mileago, grod to now. £88. Hopkins, 35 Harcombe Rd., Soke New
ingtom N. 16.
 MORGAN, Aneand, w.e.. 1925, Do Luxa, Olsmpia Show model, cont



MORGAN, 1922, G.P. MA.G. engine, dynamo lighting. electric and bulb horns, as ncw, \& 78 10., $1923-4$ G.P. Anzan, dynamo lighting,

MORGAN, 1925 . Acro, stralght-sided cords. Cowey, haod. mileage 2.000 absolntely unsoiled, 8125 , or exchango motoroycle Dart. 51 Upper Rich-
mond RUd., East Put
MORGAN, J.A.P., 1924, G.P. new front tgrea, aprings, aliding axles.

MORGANS, scveral in stock: motcreycles scecpted part fayment; list on requcst. N'owname Showrooms, Heath Rd., Twickenham, London. 771 -65
MORGAN, late 1924, o.b.r., Blackburne, Lacas dynamo lighting. ventilation cowli, 80 m.p.i. apecdometer, aluminlim discs, tyres unmarked, milcago 1.600, perfect conditlon, $\mathbf{~ P 9 5 ; ~ e x c h a n g e s . ~} 67$ Firat Arenve.
Mortlake.
MORGAN, Blackburne, 1924, standard, roomg body. taxed December, low mileago. splendid condition, buving car. \&70. Moon, 3 Bt. Albens
Villeg, Highgate Rd. Montrlew 5286.
MORGAN Popular, late 1922. 10 hp SAA.G., amall mileage, unused 2 years, aplendid condition, new tyres, taxed, 252 10a. 76 Higher Drive. 671 -z656
Purley.
MORGAN 1925 Acro Anzani, palnted red, flared wings. hood, apeado-
 Bristol. MorGAN, famlly. Anzani engine. apeedometer, like new. any triala, MORGAN, 1923, alr-cooled 10 hp Blackbarno engine, overgized tyres,

MORGAN, Grand Prix, 1922, J.A.P., mechnaically perfect. Httle used,

MORGANS. Bost second-hand show anywhere. Wo specialize in exThis weok:-

1921 special Show model Grand Prix M.A.G., elegant old rosp and lake. inish, clock. specdometer, bonnct lourres, ctc.. $£ 52$.
1922 purplo and black Grand Prlx J.A.P., Ace dices many extras, Dccember liceace, 256.
1922 Popular J.A.P., new tyres, clectrics, fine condition, 842.
1921 M.A.G., do laxe, purple. Decernber lifence, $£ 43 \mathrm{log}$.
$1922-3$ special water-cooled J.A.P., do luxe, disch, December Hiceure. just reconditioned throughoat by eerrica agenta, grand condition. 55910 . licence, etc., 858 10s., and oihera.
Call with sour exchange proposition. Wo are unbeatable for valuo.
Maynard's, $\overline{3} 68$ Hornsey Rd., N.19. Phone, Nountrlow $3294.671-z 678$
MOREAN, late 1921. Grand Prix M.A.G. Lacas dynamo lighting, elock.

MORGANS, exchanges deferred parments. 1920 G.P. J.A.P. 2 -seater,
 oncedometer, taxed, smart. ${ }^{\text {form }}$ Dulwich. Sydenham 2452 .

MORGAN, Grand Rrix, 1923, water-cooled 10hp Blackbarne lighting. side screens, tas paid, excellent condition throughoat. 877 10s.
king, Sinpson, opposite Olympia, London.
$761-z 672$
MORGAN, Acro, IOhp o.h.r. M.A.G., 1924, electric and bulb horn, orersize tyres, special hood, new chains, insured to Anril. 1926. taxed,

MORGAN 1924 de luxe, special stecring wheel, Blaks carburetter, specdometcr, fyll kit of tools, dramo lighting, hood envelope. starting

> " THE PETROL ENGINE." A concise, complete, and well-illustrated explanation. 2s. nel. 2s. 3d. posi free.

## SECONDHAND LIGHT CARS AND CYCLECARS FOR SALE (continued).

MorGAN, 1924 model, G.P. Anzani engine, dynama, taxed, f75: ex-
clingges. Norringtons, 116 Hiampstead Rd., N.W.1. Muscum 9078. MORGANS. 2924, do luxe J.A.p.. water-cooled, speedometer. dynamo lighting, red finished. $\& 100$. Below.
MORCAN, 1925 , de luxe. water-ooled, M.A.G. engine, electric lighting. MORGAN, 1921 de luxc, water-cooled, M.A.G. eleotriol lighting, apecdometcr, £70. Below.
MORGAN, 1924, 8hp, de luxe, Blackbarne engine, watcr-cooled, Lucas dynamo lighting, Anished grey, £105. Below.
MAUDES' MOTOR MART Sor accond-hnnd Morgana. List continually Changing. Further sarticulars on request. 100 Gt . Porthntid St. $671-140$ MORGAN. Edwards offer 1924 model w.ee. Blackburne, dynamo. moncencter, special wide body, eacellent condition, 90 gns. Exchanges
or deferred. 175 Gt . Portland St., W.1. Msyfair $6966 . \quad 671-123$

MORRIS-OXFORD, $£ 32$ 10e.. 8-9hp, 2 -smier, well shod, and in good running order, deferred terms and exchangen a speciality. South Ealing
Cuarage, 2 nans. South Ealing Dist. Station. Ealing 2985. 671 -
NEW CARDENS. 1924 , 2-seater, 7 hp , electric lighting, in condition cqual to new, £60; other models in slock from f40: delerred terms to suit your pookot. There cars hecommodale 2 adnlts and 2 or 3 chjidren
under same hood. Andrews Molor Mart. 151 Wbito Hart Lade. Barnes.
$671-22$
 NEW HUDSON, 3 -wheler, electric lighla, 10 hn water-cooled M.A.G. enfinc. spare wheel and interchangeahle, linenard Derember, 65 quinens. PEUGEOT, 7hp. fited with iempe, etc., 229, in sood condition. A. $\bar{V}$.
Mfotors, Park Rd., Teddington. Telephone, Kingeton 710 . 671.875 RENAULT, $1925-4$, 8.Jhp. 2-3 aceter, very small mileage, lighting. starlig. rigid a.w. curiains, excellent order throughout, عi20. Terma ar exchange. Chester Mighall, Stoarclitio St., Edgware Rd. Padd.
$\mathbf{3 5 5 3}$. (Fourth turn right from Marble Arch.) Alwaya open. 671.44
RENAULT, late 1924, 2-8eater Fith dickey erat. 8.3 h.p., lighting. atarter, balloon tyres, all-weather equipment, \&140: erchanges, eayy
terme, stc., arranged. Cumminga, 101 Falham Rd., London, S. W. RENAULT demonstrator, 1925. 8.3hp occasional lour. almogt new,
E180. The Albany Motor Co., 160 Oottrell Rd., Cardifi. $671-2530$ RENAULT, 1925, 8.3hp, occasional 4-senter, all-weather side screcna,

RHODE 1923. 1Ohp, 4-seater, all-weather afarter, ctc., tax paid, oxceptional condition, E100. Exchanges, deferred paymenta. Ashbys,


RHODE, chummy. 1922. splendid condition, tased December, inaured March, erery acceasory. all-weather, 70 grineas. 105 Churching Rd.
Oroydon.

AHODES and some 60 odd olhers on terms trom onotenth downicxchangea. See our dipplay, page 61. Benmotora, 30-32 Eigh Si. Wands
worth, S.W. 18 . Batieraea 1509 . RHODE, 1922 model, 9.5 hp , occastonal 4 -neater. repainted 1924 iaxed, RHODE. Edwards offer 1923 all-weather saloon, atarter, elock, speedo-
 RHODE car, 4-scater, 1922 , dynamo llghting, iully equipped, all
weather, owner-driven sinco new, had very litio use, e85, bargain. Weather, owner-driven sinco new. had very
Dairy, 8 Chfa Parade. Brixton. RIChARDSON Car Co., Millthome, near Sheffield. Sparo parta in RICHARDSON, 1921, 2-acater and dickey, 8hp J.A.P. enginc, 4

RILEY. Tewes Motor Works, Sussex. All Rlleya completely overhavied
before offered. Writo lor alock lisi.
RILEY, 1925, asioon, on special sporis chassis, fited Fith F.W.B.i pistol-tyo spotlight, petrol gange, Juggago grid, dimmer awitoh, internal light. stepmats all round, mechanical and external condition as now.
iolal mileago 2,200 . any wisal or inspeotion, $£ 380$. 51 Upper Richmond
$671-2572$ Rd., Fint Putpoy.
ROVER 8, 1922, dc luxc. 2-seater, dickey, specdometor, elock, all-weather

ROVER, Shp, do luxe, 2acater, elcotric Findacrecn wiper, of c., etin under
 ROVER $8,1921,2$-senter and diokoy, dynemo lighting, good order, 250 . $671-x 554$
Longues. Oswestry. ROVER, $9-20 \mathrm{hp}$, 4 -geater, blae, 1925 (new Augusd), tary pald, mileago



## SECONDHAND LIGHT CARS AND CYCLECARS FOR SALE (continued).



 ROVER 8, 1921, orerhauled by makors, 2 -acaler and dickey, dark bluc,

 cmart and pericot coudition throushout, 555 . 81 Vacarake Rul., Lerton, $671-2277$ ROVER B, 1921.22 , 4 now oord 15 rees, taxed Decembar, just repainted





 Rd., Chiswick.


 ROVER 8, 1924 (Augus), 4-scater. litlle uscd, pertect condillon,


 ROVER: 1924 do luree 2 -seater, doullo dickes, slarter, 1mititily

ROVER. 8hp, 1922. 2-sceatcr, sioping mahogany dash, with light apocing

 ROVERS and somo 60 odd olhcrs on iorma from onetentb down: ex-

ROVER bargin. 1923 (late) modcl, 8 hip chummy model complete with selt-starter, heen carcefilly uticd and really is in condtion at ucarly


ROVER 8, 1921-2, taxed to Docember, now tyres, repainted, $£ 50$.
ROVER B, 1920-1. taxed to December. dickes seat. $£ 42$ 10.; cnsh,

ROVER, 1922 2.scater, dynamo and starter, $\mathbf{\text { E }} 75$ : 1,922 2-anter, $\mathbf{E 6 0}$;

ROVER, Bhp, late 1922. extra largo dynamo and battery, electric horn, specdomcler, windacreen cleaner. enginc and gearbor pertect. bods wark


MOVER \&. Finchley Motors ollicr 1922 de luze. clock specdometer.

 ROVER, 8hp, 1924, 4 - eater do luxe, L.C. 93901 , striter , ahock abtorbera, apecionetor, clock, mirror and acreen wiper, exeflent condi-

 E.17. good tyres, dynamo lighting, 24710231 Lily Rd 671 Leytong

ROVER, 8hp do luro, 2 -seater and dickey. late 1922 , upholatered in leather, rigid sereens all round, leather hood, 4 new tyres, spare wheel and isre, apeedometcr, clock extra air rilve, atep mat, eleolric and bulb
horna, electric lightig, excellent condition, 280 Box No. 2682 , caro horna, electric lightlag, icxcellent. .ondition, 280. Box No. 2682, caro
$671-167$
ROVER 9,1924 da luxe 2 eceater, donble dickey, dynamo lifhting, apoedo-


## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (continued).

ROVER 8, 1924, de liaxo, 4-gcater, dark blue, eclf-starter. gecedometer. Hock, petrol gauge, etc. excellent condition, tax, insurance paid, fils.
A., 2 Micheldever Rd. Lece, S.E.12. ROVER 8, 1924 , all-wenther, 4seater. ntarter, specdometer. clock. low
mileage, excellent tyres, taxed, $\mathbf{E 9 0}$. K.J. Molors, Bromley. 673 -974 ROVER, 1922, 1ate, 8hp, dynamo likhting, tyres as new, taxed year.




 ROVER 8, 1924 , 2.seater, dickes, spiendid condition, taxed, f70. Lfonel
II. Pugh, 56 South Molton St., W. Mayfair $44 \overline{3}$. ROVER, 1923,8 hp, chummy, disc whecls and spare, tyres as new, Lncas dynamo clectric likhting. sollstarler, recently overlisuled. paintwork

ROVER 8, 1921, 2-scater, io very good order throughout, £46. Below. ROVER \&, 1923,2 -oaler, flickey, numerous extras, \&58. Bolow.
Ward and Co., 51 Upper Richmand Rd., East Putney. 'Phono 2818-19. $671-2576$ ROVER. Fdwards oller tho following bargains, 1923. 8hp, do luxe, 2 avater, dackey, starter, clock, speedometer, leather upholeters, superb
order, 89 guineas. Bolow. 1923. 8 hp . chummy, fully equipped, excellent condition. 70 guineas. 1925 modef Blip, 2-seater, fully equipped, clock, etc., 59 guineas. Bolow.

 Clissold 6628.
ROVER, Bhp 2-scater, $£ 5$, nod 10 pesmends of 55 , or oash $£ 50$. MeCardiy's Nolors, 49 Groen Lanes Nowington Green, N. 16 . Chissold
6628.2699


Roven 9, 1924, 4 scator, 2135 : Rorer 8, e38: payments trom 10 per
 fover, 1921 , 8lip, 2-seater and dickey, dynamo lightine, snecdometer,

ROVER 8 1924, chummy de luxe, under 8,000 miles, one owacrshif, lesther upholstery, speedometer, clock, Lucas dynamo lighting, electrio
horn, mirror, petrol guge, excellent condition, \&85. D. Colonnado horn, mirror, petrol gisuge, excellent condition, $£ 85$. D. Colonnado
House, S.E.ड.

SALMSON, 1925, 10hp sporls 2-seater, fited with Martlord ahock abvery fast, \&129. Taylora, $49-53$ Sussex Place, South Kensington.

SALMSON. Apply to the London distributors, Gordon Watney and Co. Itd., for serond-band Salmon cars. Several dilways in stock. Part exchange and specinl deferred Lerms arranged. 31 Brook St., London
W.1. Phone, Mayfair 2966 .

SALMSON, 1924, 3-seater cloner-leal body, excenent order, starter and lighning, \& 98 ; exchanges or delerred Eice, Lid., 11-15 Bishopsgato
Mvonuc, Camoinile St., E.C. 3 .

SALMSON, 1924, 3 cater, betler than new. very fast. \&98. Lonsmand,
Exhibution Rd., Kensigiton. Phone 9949 .
SALMSON, 1923,2 -soator, dickos, good oondition, $\mathbf{L 6 8}$. IIartiog Boiton $671-z 646$
Lodge, BoLton, Bradiford.
SALMSON, 1924 , English 2 -seater body, starter and lighting. excellent condilion, 95 guincas; exchanges or deterred. Ciark's, 223 Ilammersmith
Rd., W. 6.

GALMSON, November, 1923, 2-geater, dickey, dyramo lighting, spollight, olectric and bult horma, al!-weather curtains, tyres, hood, curtains, sound
condition, $£ 90.94$ High Rd., Lestod Maryland 1945. $671-2590$

SALMSONS and some 60 orld others on terms from ang-tenth down; exchanges. See our display, pare 61 . Beamotors, $30-32$ High St., Kinds-
worth, S.W'. 18 . Batterscia 1509 .
SALMSON 2 -seater, dicksy, excellent condlifon; ierms, £8 10 s. and 10

 equipned. every 1 ment, f.w. L. balloon tyres, superb condition, cose
nearly ésu0, cur price 285 guineas. Below.
SALMSON, 1923, 10 hp shorls, 2-scater, starter, clock, sneedometer. ex-


## LIGHT CARS AND CYCLECARS FOR SALE (continued).

SALMSON, 287 10s., 1923, 2scater, recently repainted and overhauled, and in firsi-clasa ordor throughout. South Ealing Garage, 2 mina, South
Ealing District Station. Ealing 2983 . $671-6$
SALMSON, 1924-25, sporis 2-scater, llyhling, startigg, balloon tyrea, really fant and very complete throughout. 100 gns.: cxchanges ctc., COTT SOCIABLE, 1923, excellent condition, dynamo. tllting steering whecl, toola, apare uheel, dickey. \&49. Apply. Tickic's Garako. Old
Brampton. Chatham.
671 -w 176 SENECHAL, super sports, mileago under 2,500 , shock absorbers, excellent condition, simoz as new, 2195 Bateman, 31 High St.u Alder-
SENECHAL and soms 60 odd others on terms trom onetenth down: archanges. See our daplay. page 61. Benmolors, $30-32$ High Sk., Wanda-
worth, S.W. 18 . Battersea 1509 .

SENECHAL, September, 1925, super sports. 2-seater, light blue body. red uings, $70 \mathrm{~m} . \mathrm{p} . \mathrm{b} .$, aplendid all-round performance, Boech, hooter, apeedometer, clock, celfslarter, etc., only beon 700 miles, just run in, better
than new, $\& 210$. Box No. 2679 , care of Tho Light Car and Cyclecar.: 671-z606 SENEOHAL, 3-scater, just delivered from agents, completo whit shock

 SINGER, 1925 , do luxe, 4-stater, excellent condition, 2190 . A. Davis
and Co., 22 Tooting Bec Rd.
 SINGER, 1 Ohp, coupe, 2 -seater, dynamo lighting, 5 detachablo whecle, all

 SINGER, 1924, do laxe models, geveral 4 -seaters in stock; List on request: motorcycles, cara aocepted part payment. Newoham's Showroons
lLeal Jh. Twickenham, Loudon.
$671-67$
SINGERS and some 60 odd others on terms from onetenth down: exchanges. See our display, page 61. Benmolors, $30-32$ IIigh St., Wands-
worth. S.W. 18. Datersea 1509. SINGER 1924, 2-seater, excoptionally nice order any inapection or
 SINGER, 1924, 10hp, 2-seater de luye, dynamo, starter, dickey, as
 SINGER, 1Ohp, 2-seater, dynamo lighting. \&35. Wait and Co.
Ltd., Leicester. SINGERS. F.O.C.H. Lid., have several 4-seater, excellent condition, bargains. 5 Itath St., Hampstead (near Tube). Weekdass 9 till 8.30 . $671-939$
Sundays till 2.30 .

SINGER. 1923, $10 \mathrm{hp}, 4$-seater, dynamo and starter. excelicat condition s95, fully equipped. licensed, and guaranteed. Exchange or bire purSINGER, 1924 model, 1Ohp. 2-seater, like new throaghout. Arthur
Stuart and Oo., 16 Elitle Portland St, W.1.
 SINGER do luxe, 1920-21, 10hp. 2seater, dickey, dynamo lighting. sharker, electrio horn, specdometer, double screen, hood, dide curtains, exchange motorcy, fully taxed, oplendid condition, bargain. 49 guineas SINGER 1924, 10hp, tore 4-sester 2125, also 1924 671-x558
 SINEER, 1925 . 10 hp , do luxe, 4 -bater, balloon tgres, elc. bargaln. SINGER, 1924, 4seater de luxe, mileage 3.000 . exceptional condition year's tax, fids. Pickworth and Hull, 107 Git. Portland St. W.1.
Langham 1998.
 SINGER, 1916 , 2-scater, f50. pasmenis trom 10 per cent. down: ex-


SINGER. Edwards offer 1924 10hp 4-scater, fully equipped, balloon tyres, excellent condition. 117 gns. Below.
SINGER, 1924, 10hp de luxe 2 seater and dickey fully equipped forred. 175 Gt. Portland St., W. 1. Nisjtair 6977 . Exchanges or de
SINGER. Reliability and smart sppearance. 1922 Sinacr. IOhp. alsunather cowin, double dickey, do luxe model. With leather upholstery.

 opon.

## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (continucd).

SINGER accond-hand bargains al Newnham'a.
1925 10-26hp Ealoon, excellent order, f225.
1925 10-26hp 4-seater do luse, viry special, $£ 185$.
1925 10-26hp 4 -seater do luye, uice condition, choice of two, $£ 170$. 1924 10hp 4 -seater de luxe. exceptional order, $x 140$.

$\begin{array}{ll}\text { Anothor smmilar to abore, } 1924 \text { 10hp 2-senter do luxc, in particularly goce condition, } & 120 .\end{array}$ 192310 hp 2 -seater do luxe, painted blue, good usder, 895. Full list of these and other second-hand hargaing sent on requeat.
Nexnham Mow Co. $24 \overline{5}-5$ Mammeramith ITd. W. Whone, Rierside
3161.

SINGER. 1925, lateat model 4-scater de luxe, only used fow times

SINGER de luxe, 1924, 2-seatcr dickey dynamo lighting. startcr, cxcellent condition, tax pald, $\boldsymbol{C} 11210 \mathrm{~h}$. Wilkins. Simpson. opposite olympia, $671-26615$
londou.

SINGER, 1925 exceptional bargain, lateat model 4-seater de luxe, Iully suarantecd, new but slightiy shap-solled, 2195 cannot be re-
pealed. Wikins, Simpmon, opposita olympia, London. phono. Iriversido 238.

671-z671
SINGER, lato 1921. 2ecater, sunken dickey, dynnmo lighting, selfRarter, good running ardor and condition, \&37 10s. 83 Penshurst
Rd.. Thornton IIcath. Phone 1572. SINGER, 1920-21, 2-scater, dickey, dynamo llzhting, self-starter, epeedometer, nearly new tyres, tax paid, bargain. $£ 5210 \mathrm{~s}$. Wilkins. Simpson.
opjonito Olympla, London.

STANDARD. Moores, Presto, Croydon agents for Standard cars Promptest delirery new modela with efteient gervice to follow. Large atock accond-hand cara to aclect from. Deferred payments and ex-
changes \&rianged. North End, Croydon. Phone 2624 . STANDARD, 1925, 4-sealcr, $\mathbf{C} 235$ model, almost new, taxed, $£ 190$. Below.
STANDARD, $1924,11.4 \mathrm{hp}$, 2 -scater, balloon tyres, perfect condition
STANDARDS and some 60 odd olhere on terms from onetenth down : exchangea. See our displos, page 61 . Benmotors, $30-32$ IIIgh St., Wands.
whrlh, S.W. 18 . Battersea 1509 .


STANDARD, 1924, 11.4. de luxe, balloons, in perfect mechanical condition. open to any trial or inspoction, $2125.19 \mathrm{Valnay} \mathrm{St.}, \mathrm{Tooting}$. STANDARD, 1924, 11.4, 4-sealer, do luxe, very smart and mechanfcally porfect, genuino bargain. cily. 31a Ilydethorpo Rd., Balham.
Streatham 440 .

STANDARD, 1923, 11.4, 4-scater de luxe mileage 7,400, paint and upholatery like new, \& 98 for quick sale. 3ia Hydethorpo ikd.. Balham.
Sireatham 3440 .

STANDARD, $11.4 \mathrm{hp}, 1924$. Canloy 2 -senter, bulf colour, dickey, black wice. taxed for year, 2160 . Mcbes and Mcbes (Est. 1893). 144 Gt . Portland St., W. Musoum $4244 . \quad 1671-915$
STANDARD, $1924,114 \mathrm{hp}$, all-weather 4 -scater, \&150: fully equipped, linansed and grarantecd; exchange or hire purchaso. The Light Car
Co., $404,410-414$ Euston Rd., London.

STANDARD, 1921.9.5, 2-senter and dickey seat, starter and lightlag.

STANDARD. Safety first! Ernest Grimald, Lid, offer late 192411.4 hp Siandard 4-scater, condition and appearnnce indistingnishable from new,

STANDARD 192511 h , Piceadilly ealoon, balloon tyres, perfect condi-


STANDARD, 9.5 hp . 2 -menter. long whecbanc: terms, 8810 s. and 10


STANDARD, 1924, 4-seater, 114 hp . excellent condition throughout, all-weather equipment tax paid for sear, el45. Exchanges. cash or
casy payments. Wilkins. Simpson, opposito Olympla. London. $671-2661$

STONELEIGM (Armstrong Siddeley), 1924, 9hp. chummy, atarter, apecdo-

sWift Mooras Presto, Croydon agents Swltt cars Promptest delivery now modele with efficient service to follow; large stock accond-hand cars 2o select from. Delerred payments and exchanges arranged. North End,
Crosdon. Phone 2624.

SWIFT, smart little 2 -acater, water-cooled, hood, eoreen, electric lighting, pare whoel, apecdometer, very cheap, 29 guincas: motorcycle part: weckly paymenta, Wandaworth Motor Exchange, Ebner 8L. Wandsionth
(Town Slation).
EWIFT, 1920. 2-epater, dickey, self-otarter, repainted and absolutely in new conditson, s95, or exchange motorcycio part. 51 Uppdr Richmond
Rd. Fat Putney.
$671-2577$

## SECONDHAND <br> LIGHT CARS AND CYCLECARS FOR SALE (continued)

SWIFT, 1924 , 10hp, 2 -geater thax paid, several extras, nico order
 SWIFT, E39; oxchanges, deterred paymente. 1915 Switt, 2.seater
 condition. Seabridge. 35 llnnier Ru., East vulwich. Sydentiam 24.52 TALBOT, 1923, 8.18np. De Luxe model, rigid sido curlaine exce.t1on
 Manblo Aach.)' Alwyas open.
TALBOT, 1924 (hate), 10 -23hp, 4 -scater, long chassig model, blarting

 TALBOT 19238 - 18 2-seater, taxed, dickey, good mochnnical conditiod


 1’utney
 TEMPERINO. 1922.3, 9.10hp, just orarhauled by well-known Kentikh WOLSELEY cara. Moores Prento, Craydon arente Promplast drlivery
 Croydon. Phono ${ }^{\text {2624. }}$ WOLSELEY, 10hn, 2 -scater, starter, nll-weather equinment, (nxed year
 WOLSELEY, 1ato 1924, 11hn, 2.neater with douhle dickes gent light


WOLSELEYS and some 60 odd others on herma srom onc.lenth down; ex.
 WoLSELEY, 11.9hp, 2.scatcr do luxe, pertect nrder. starter. liphling, WOLSELEY, do Iuxe, 1 Ohp 2 neater and dickey, painted marcon. Equal
 WOLSELEY. Edmardn oller 1924, 11hp, 2.geater and dickey, fully wolseley. 1923, 10 hp . 2 sentar. dickoy, Lully equipped, alock.
 WOLSELEY, 1925. 4 -scater, dsnamo and startor, balloon tyres, fuliy
 WOLSELEY, $\mathbf{~} 25$ will seo sou on the road with now $11.22 \mathrm{hp} \mathbb{C 2 3 5}$


 WoLSELEY 10, 1922-2.3. 2-senter. dickey. de luxo molete, starter and WOLSELEY 10, 1923 (late), do luxe model. 2. ienter, dicker, atarter and lighting. Elido curn ngs. taxed yenr, tully equipped, first-cla as order WOLSELEY 10,1924 (latel, 2-scater, dickey, otartor and lighting, laxed
 Lit., 526 Euston Rd., N.W. 'Phone, Museum 5391. . $671-967$ WOLSELEY, 100 gnineas, 1923 10hp 2 -sentor de luxe, dickey, full

XTRA car, 3-whecler, brand new and unregintered, cquipped lamps, hood, windscreen, horn, plated fitting, e25. G.. 6 Longley Rd., Trooting, S.W. 671-2614

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Rramcote St. Notinglam.
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| :--- |
| Co., 32 Bishops IRd., Glnsgow, W.2. |
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 LE zeBne. All spares stocked. Boon and Porter, Itd.,
Castelnau, Jarnes, S.W.13.
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A.B.C. Motors, Ltd., Wallon-on-Thames, Surrey.
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A.c.

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All modela in slock from 8275
We apecializo in part exchanges and deferred terms
$\overline{51}$ Brook St. London, W.1. 'Phone, Mayłair 2965-2966. zzz-659 $\underset{\text { A.C. Jackson's Garage, Guildiord. }}{\text { And }}$ Sovereign modele. Phono 345 . A.C. Manchester sole agents, Grabam Broc., $15-15$ Peter St. Wida
range of models in stock.
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Buy your A.O. trom tha A.C. specialista and abtain quick dellvery,
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Lid., 65 Gt . Portland St. W.1. Telophone, Langham 2172. 671-878
ALVIS. Sco Henly's advertisement on page 17 regarding Olympia and
the 1926 Alvis. Henlre. \&ole Loniton Distrinutors, Gt. Portland $8 t$, W, W, Masfair $4201-3$. Alvi, Survico Depot, Menly's Garage, Upper Ghoucester
Pl., N.W: Paid. 2900-1.

## AMILCAR.

Sole Britiah concedsionnairo for Amflear spares and cara.
25 IItish St., Fulham, S.W.6.
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## (continued).

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AUSTIN. Rootea, Ltel, distributors and Epecialiate, 7 bp , latest modela from atock: part exchanges, delerred payments. 141 Now Bond gt.,
London, W. Telophono, baydair 2010. Maidatone, Dorking. zzz-606 AUSTIN 7. Immediato delliery of 1925 models: deterred payments. exchangeg. ireo tuition. Authorized agents, Godirey. Ltd., 366 Euaton

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For immediato delivery
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