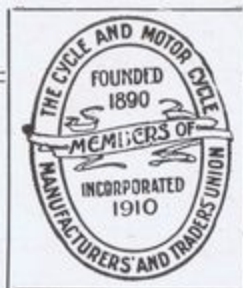


Watsonian

SIDECARS

BARNSTORMERS.CO.NZ

Telephone :
520 MIDLAND



30
Telegrams :
"Watsonian, Birmingham."

LIST
No. 6

Watsonian

SIDECARS

For PLEASURE, SPEED & COMMERCE.

Cable Code :
A.B.C. 5th Ed.

THIS LIST CANCELS OUR PREVIOUS PUBLICATIONS.

THE WATSONIAN FOLDING SIDECAR Co. LTD.,
CONYBERE STREET. BIRMINGHAM, ENGLAND.

Barnstormers.co.nz

Watsonian

Personal

IN PRESENTING this Catalogue, we have endeavoured, by illustration and description to show you the mechanical perfection and design of Watsonian Sidecars.

We have only arrived at this very high state of efficiency, by repeated experiments and costly experience which we now offer to our customers. The high grade and lasting finish which we claim Watsonian Sidecars to possess can only be judged by a visit to one of our stockists.

Weights in all cases are given from actual built up models taken from stock, and sizes are inside measurements unless otherwise specified. Prices quoted are for complete Sidecars with tyre and fittings ready to attach, but do not include carriage or fitting to Motor Cycle. No extra charge is made for fittings to suit lugs incorporated in Motor Cycle Frames, with the exception of spring frame machines where special designed chassis have to be provided.

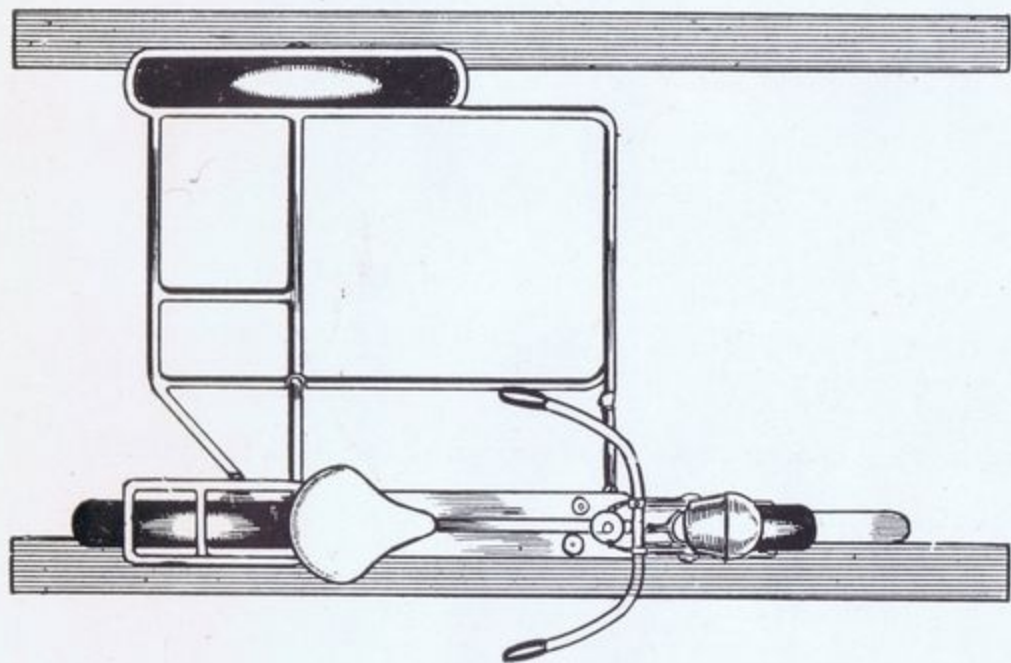
Watsonian Sidecars have a reserve of strength without undue weight, pleasing lines, ample luggage accommodation, and comfortable seating positions.

Made from A to Z in our own factory, laid out only for the manufacture of Sidecars.

See the Car you have selected
before placing your order.

BARNSTORMERS.CO.UK

Watsonian



The best method of testing the alignment of a sidecar is to obtain two planks and lay them against the wheels.

going to take off the Sidecar. If any bolts are difficult to draw or any attachment springs apart, there is undue strain somewhere which must be overcome, find out the fault and rectify.

An extra hour spent on fitting is never wasted. All nuts and bolts should be carefully tightened after the first run, particular attention being paid to the mudguard.

Sidecar Efficiency

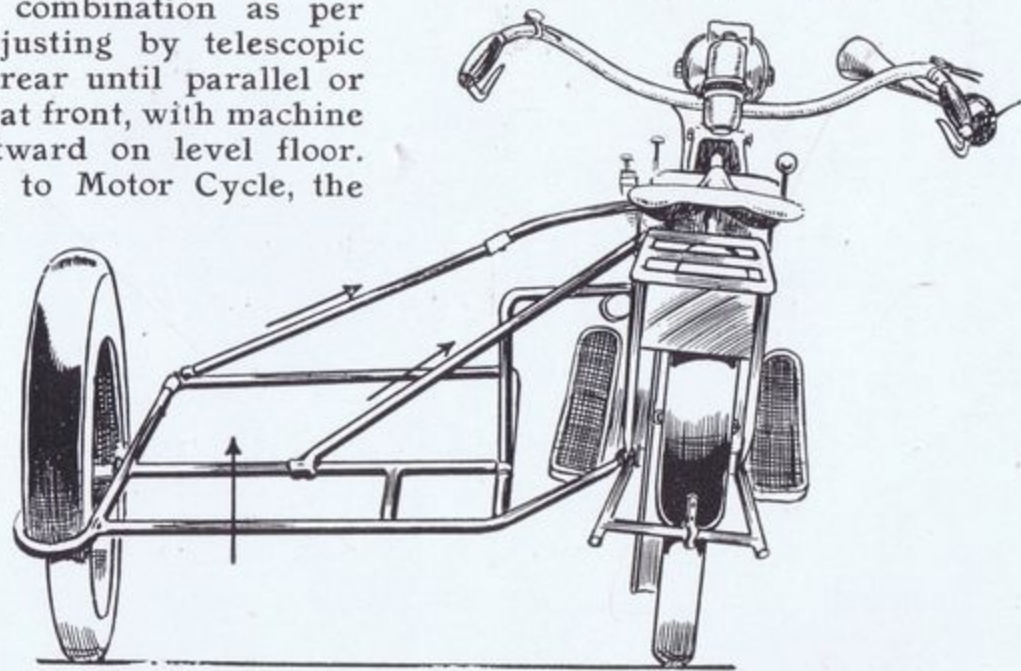
To Fit Sidecar.

Remove the fittings from the Sidecar which are provided for fixing to Motor Cycle, and loosely attach to machine, screwing nuts only finger tight. The chain stay clip should be fitted first, as close as possible to back wheel spindle. Next fit the front connections clip as near as possible to ball head, after which knock out seat pin and insert longer one provided with fitting for seat arm, bring sidecar to machine after fitting wheel, and loosely attach at chain stay. Next attach at front connection, then seat arm, ignoring altogether 4th point attachment.

Correct Alignment

is then attained by placing straight edges on each side of the combination as per illustration and adjusting by telescopic tubes at front and rear until parallel or about $\frac{1}{2}$ in. narrower at front, with machine leaning slightly outward on level floor. Keep Sidecar close to Motor Cycle, the narrower the track easier for the engine. Tighten all bolts and lastly fit 4th point arm.

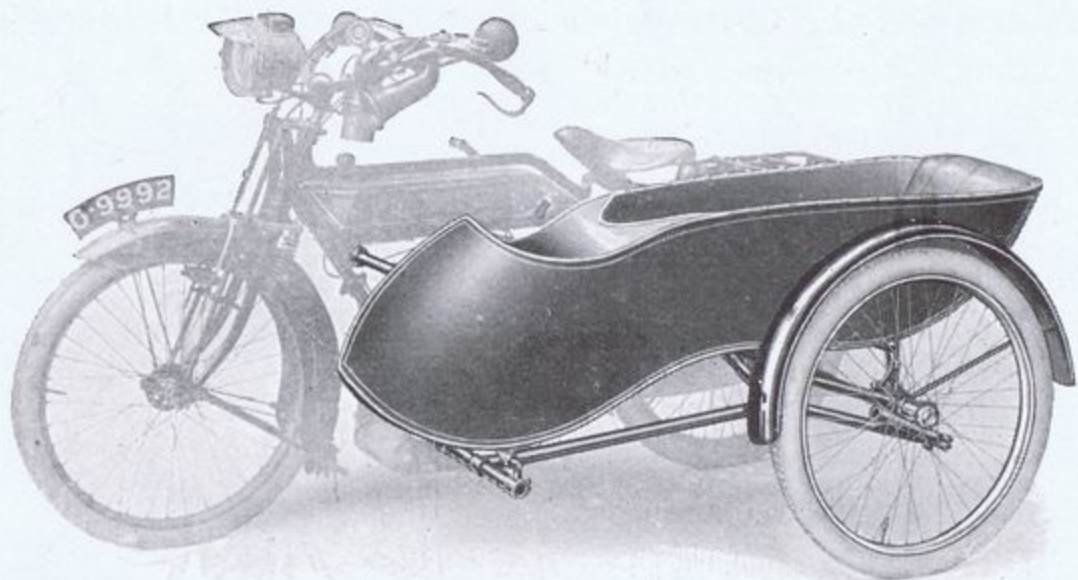
When combination is fitted up to your satisfaction, loosen nuts as if you were



When the motor cycle is leant outwards slightly the sidecar chassis receives remarkable support. In the above illustration this is of course exaggerated

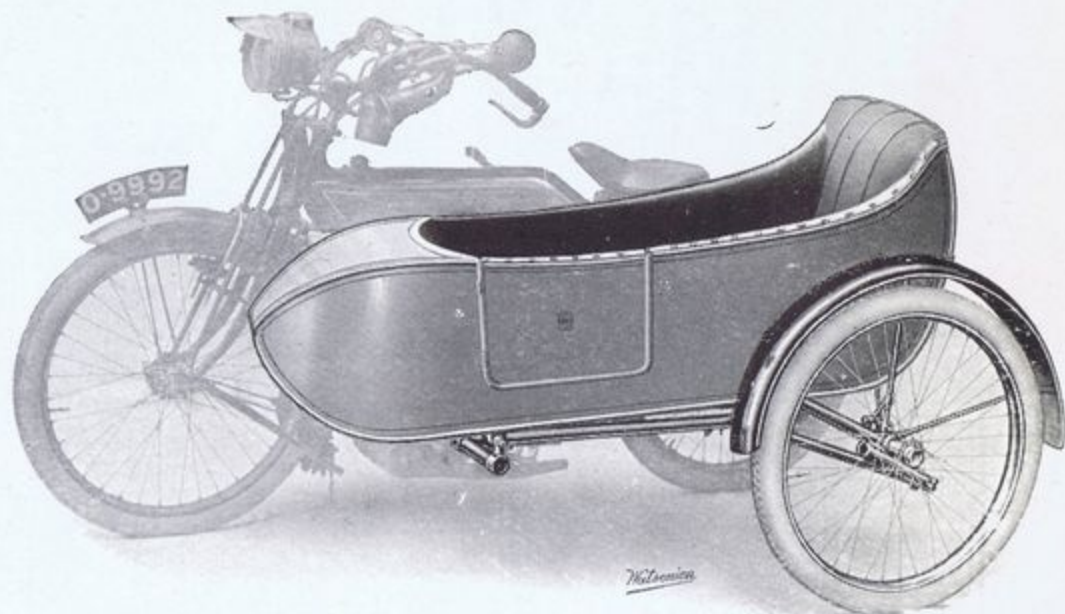
motorcycles.com

Watsonian



Model G

Price 20 guineas



Model H

Price 22 guineas

COVER-ALL PONCHO STORM APRON
FOR EITHER MODELS **Extra 19/6**

BARNSTORMERS.CO.NZ

Watsonian

Model G.

BODY of specially selected three-ply wood, built up on ash frame, giving girder-like strength and extreme lightness. Upholstered leather cloth with luxurious spring back. Weight 21 lbs. Length inside 4 ft. 8 in. Seat 14 × 16 in. Depth of back 16 in.

Chassis Model C.

Weight and specification, refer to page 13.

Model H.

BODY of specially selected three-ply wood, on ash frame, door of ample width, and fitted with pocket for maps, etc. Upholstered leather cloth with luxurious spring back. Weight 40 lbs. Length inside 4 ft. 6 in. Seat 21 × 19 in. Depth of back 22 in.

Coach Built Featherweights

FOR a considerable time past we have made a close study of Sidecars for attachment to low-powered Motor Cycles; the huge demand experienced from the trade and public is a clear indication of the success we have achieved with our Featherweight Models.

Whilst every effort has been made to obtain lightness, we have not committed the error of sacrificing strength or comfort—whilst the illustrations speak for the splendid general appearance.

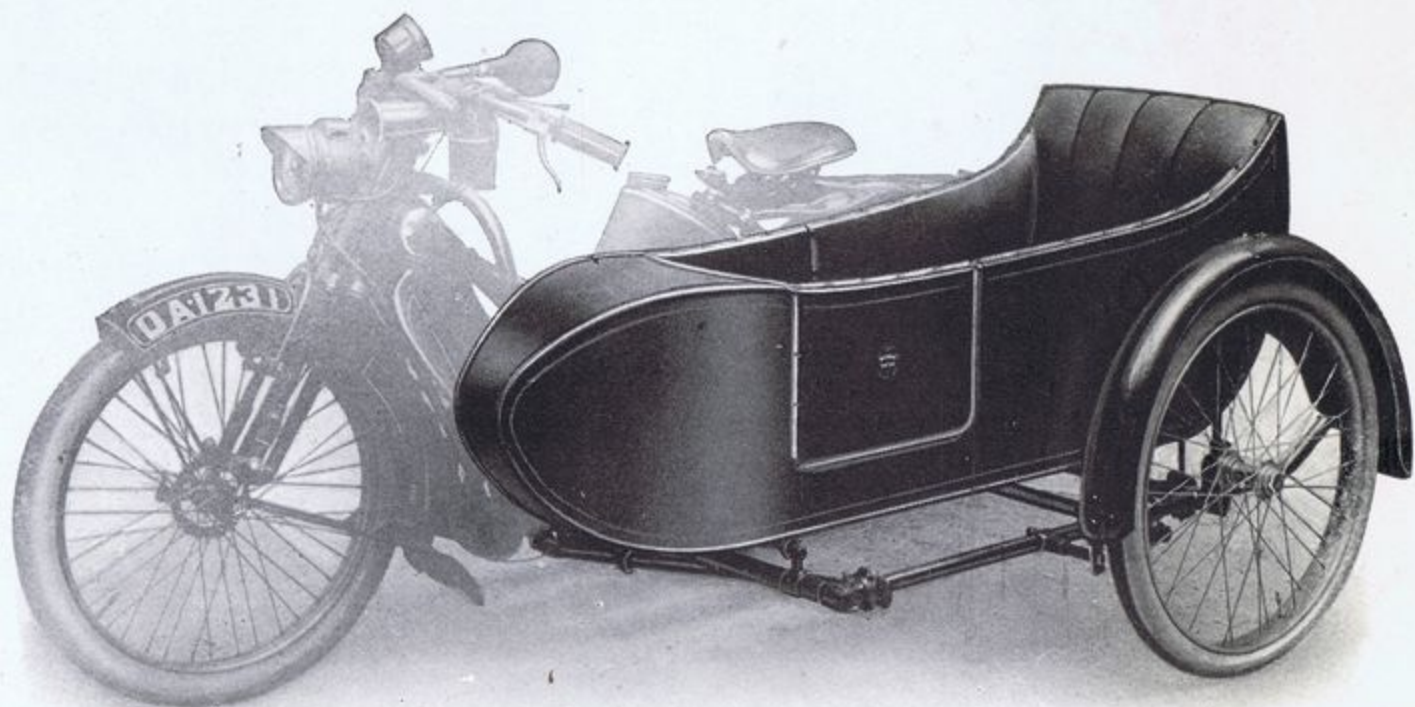
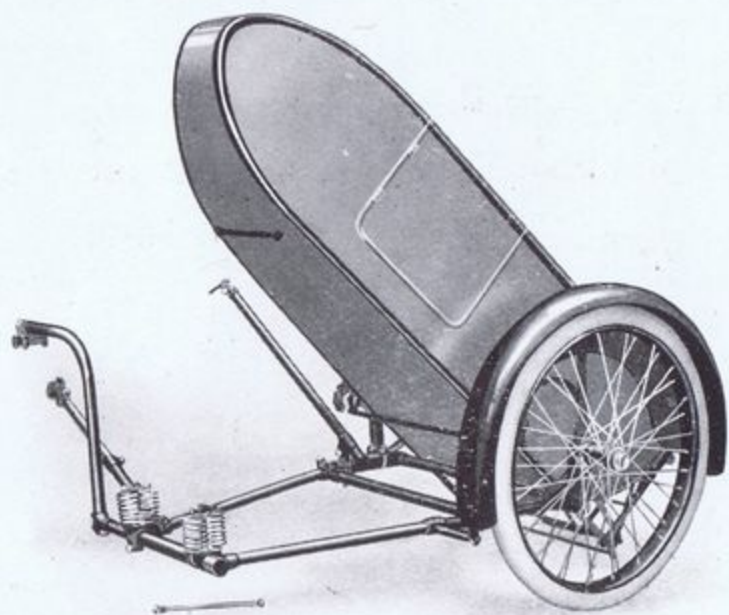
As with all Watsonians, the greatest care is exercised in the selection of materials of which the Coach-built Feather Weights are made.

A handsome coach finish in Watsonian Blue, which is very lasting, is imparted to these. Special colours to order without extra charge.

AT BROOKLANDS, on September 22nd, 1915, Mr. R. O. Donovan on a 3½ h.p. Norton and a Standard Model G Watsonian Featherweight Sidecar—purchased out of stock—lowered the five miles' record in all classes up to 8 h.p.

Watsonian

“Tourist”



All Watsonian Sidecars, with the exception of feather weights are fitted with quickly detachable spring bars back and front to allow of easy access to engine.

Model N

Price 26 Guineas. £22

COMPLETE WITH COVER-ALL STORM APRON.

Luggage Grid, as illustration on page 14, £1 15 0 extra.

BARNSTORMERS.CO.UK

Watsonian

SPECIFICATION.

Model N.

BODY.—Built of best selected three-ply on ash frame. Door with pocket for maps, etc. Locker under seat. Weight, 40 lbs. Length inside, 4 ft. 6 in. Seat, 21 × 17 in. Depth of back, 22 in. Upholstered in leather cloth with spring back. First-class finish. Stock colour, Watsonian Blue. Any colour without extra charge.

COVER-ALL PONCHO STORM APRON,
COMPLETE WITH EACH CAR.

Chassis Model P.

Weight 54 lbs. Attachment Four-point
See page 13).

“Tourist”

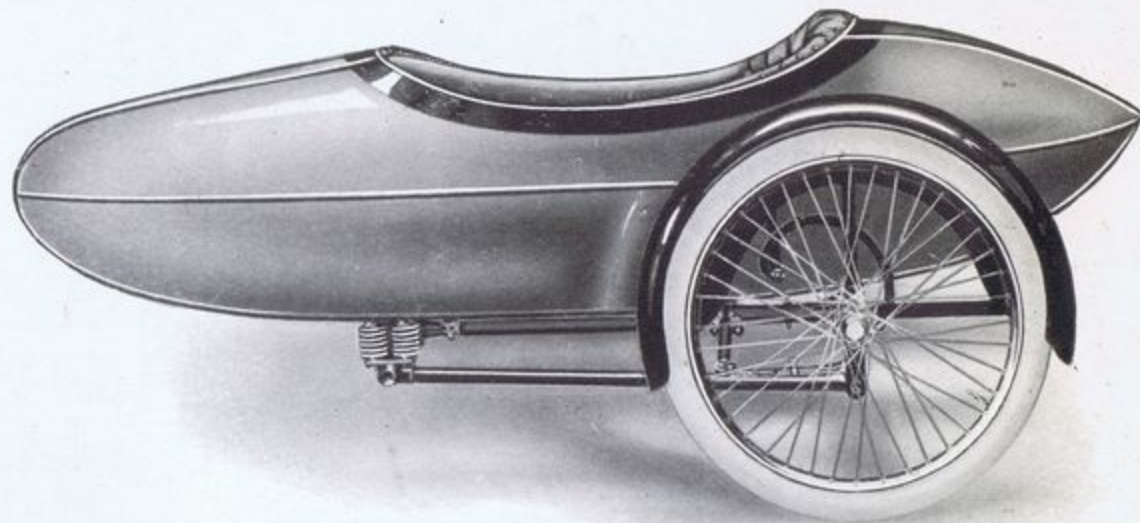
ULTRA Sidecar luxury oft, necessitates great weight, and motor cycles of from 3 to 3½ h.p. are apt to be thoughtlessly overburdened by the attachment of over heavy sidecars.

This—the Watsonian Tourist—is specially constructed for 3½ h.p. to 4 h.p. motor cycles; it embodies all the essentials for luxurious travel—the body is long and roomy, low built, splendidly upholstered, luxuriously sprung, of graceful lines and handsome finish, and has a door of sensible width. A combined luggage grid and petrol carrier can be fitted as an extra, as per illustration on page 14.

Withal its total weight is but 94 lbs., and it stands as the most moderately-priced “luxury” model on the market.

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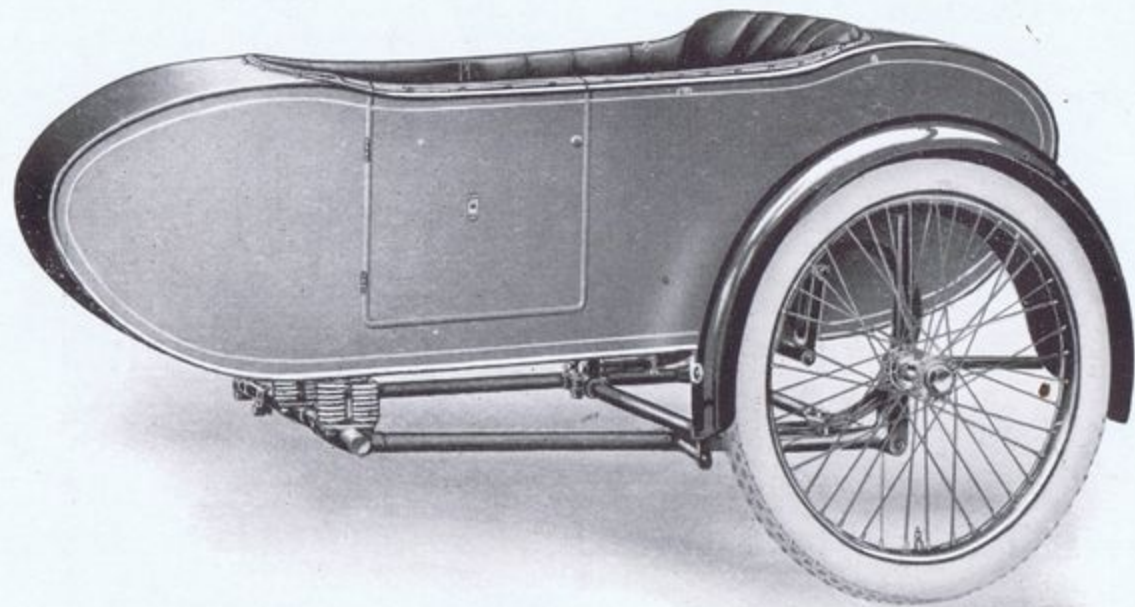


R 34.

Price 29 Guineas.

25

BOTH MODELS FITTED COMPLETE
WITH APRONS.



"Monarch."

Price 30 Guineas.

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Watsonian

SPECIFICATION.

Model R 34

BODY.—Built of best selected three-ply on ash frame. Small locker under seat and roomy compartment in back, with accommodation for 2-gallon tin of petrol and spares. Weight, 44 lbs. Length inside, 51 in.; overall, 78 in. Seat, 18 x 15 in. Depth of back, 19 in. Upholstered in leather cloth with spring seat. First-class finish throughout. Colour, Watsonian Blue; any colour to order without extra charge.

SPECIFICATION.

“Monarch”

BODY.—Built of best selected three-ply on ash frame. Luxuriously upholstered in extra quality leather cloth, with spring back and cushion, roll edge and two pockets. Door of ample dimensions, locker in back, accessible without disturbing passenger and capable of carrying large quantities of luggage. Weight, 46 lbs. Length, 48 in. inside; 70 in. overall. Seat, 16 x 16 in. Depth of back, 18 in. Stock colour, Watsonian Blue; any colour to order without extra charge.

Sporting Models

THESE are speedy wind-cutting Cars of original design, particularly suitable for motor cycles up to 4 h.p. Whilst every effort has been made to reduce wind resistance to a minimum the importance of comfort has by no means been overlooked, resulting in Sidecars of attractive appearance in which high speeds may be obtained with a maximum of comfort. Model R 34 is particularly suitable for the super-speed man, whilst the “Monarch” is adaptable for the motorist who requires a sporting Car combined with the luxuries of a touring model.

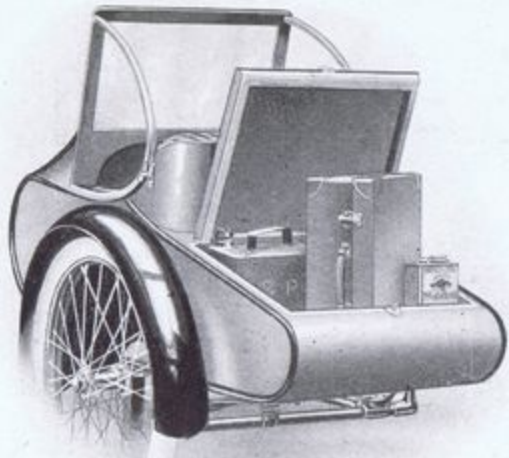
Chassis Model P—(See page 13).

Weight, 54 lbs.

Attachment, Four-point.

For motor cycles above 4 h.p. we advise Chassis Model U, at an extra charge of £2 15 0

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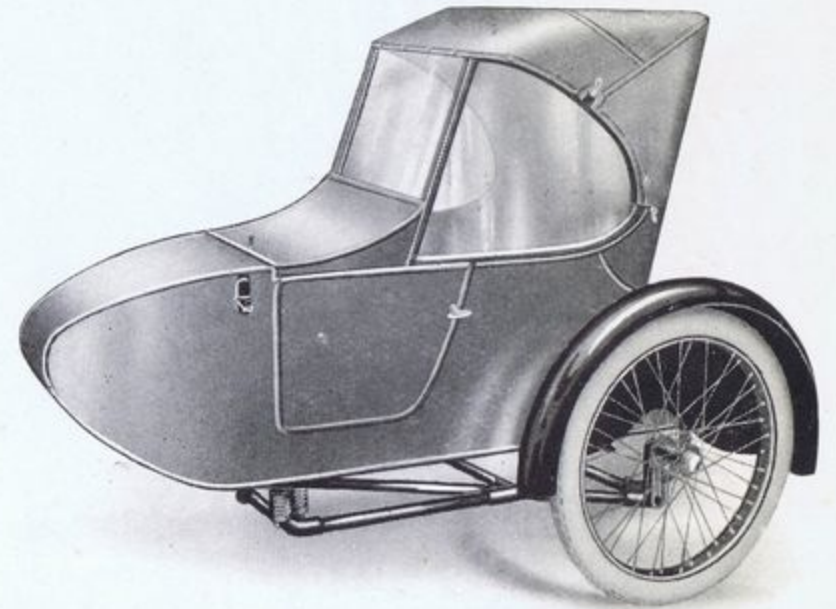


AMPLE ACCOMODATION,
is provided for Luggage.

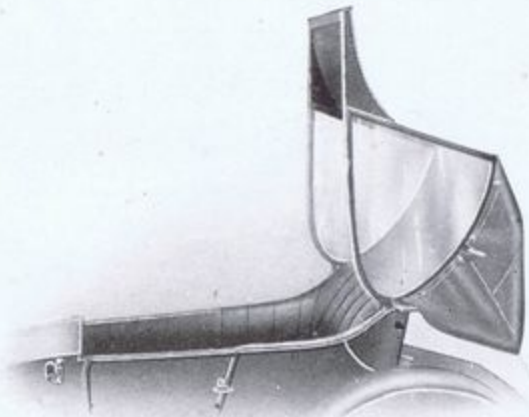
Watsonian

"Coupe"

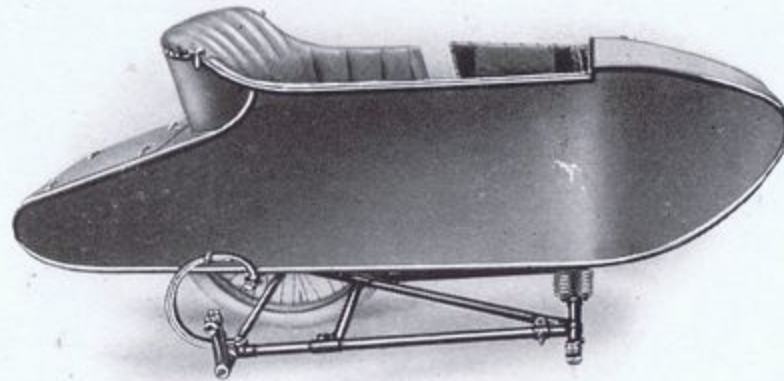
Patent No. 26407/19.



Price £46 11 0
Complete with Hood and Screen.



Shewing simple method of
swinging back the whole for
convenience of passenger.



Price 36 Guineas.
COMPLETE WITH APRON
as Specification, page 11.

Extra for Wind Screen, Dash and
Side Curtains only, as illustration
top left-hand corner.

£6 6 0

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Watsonian

SPECIFICATION.

Chassis Model U.

(See page 13.)

Weight, 65 lbs. Attachment, Four-point.

BODY.—Built of best selected three-ply on ash frame; luxuriantly upholstered in extra quality leather cloth, with spring back and cushion and two pockets. Weight, 64 lbs. Length inside, 48 ins.; outside, 76 ins. Seat, 18 × 17 ins. Depth of back, 22 ins. Finished in Watsonian Blue, edged black with gold line. Any colour to order without extra charge.

As an extra we can supply our COMBINED HOOD WIND SCREEN AND DASH, built as a unit of the car—making a most comfortable and weatherproof Coupé body.

“Coupé” Model

A SUPER LUXURIANT SIDECAR designed specially for the motorist who requires ample luggage accommodation without inconveniencing the passenger. The Locker at rear is arranged to take a two-gallon petrol tin, together with spares and suit case, 18 × 16 × 6 ins., all enclosed. The locker lid is covered with aluminium sheeting, and provided with strap attachments for further luggage when extended touring is undertaken.

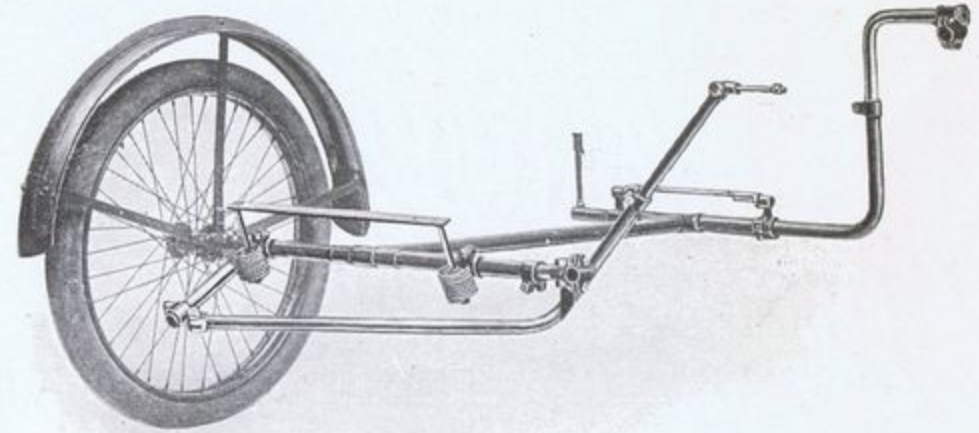
Suitable springing is arranged to take extra load and mud-guard with side valance, attached to and sprung with body, is provided.

Although combining so many unique features the weight is not excessive, being only 129 lbs., and the modern big 4 single cylinder motor cycle would have no difficulty in propelling this car.

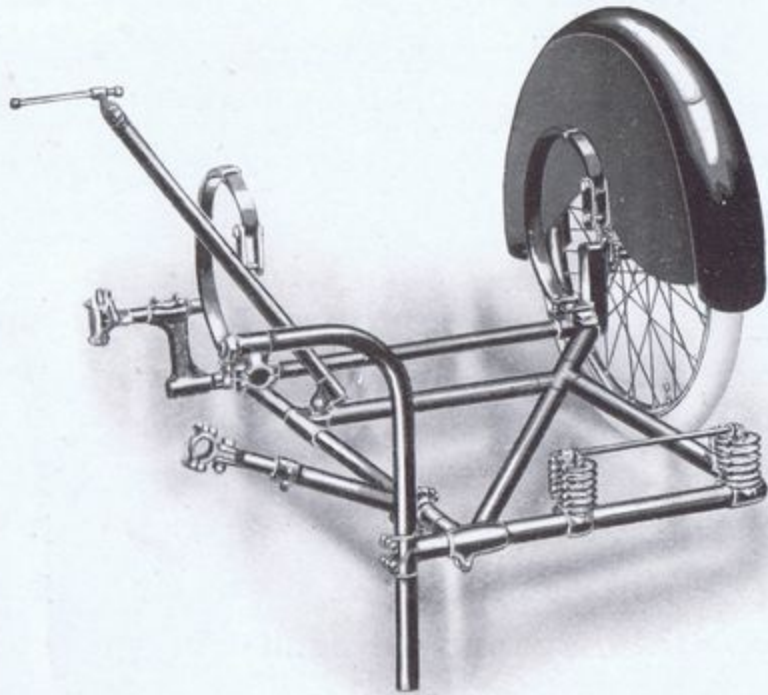
An extra seat can be fitted in rear locker, as illustration on page 14, suitable for child up to 12 years of age.

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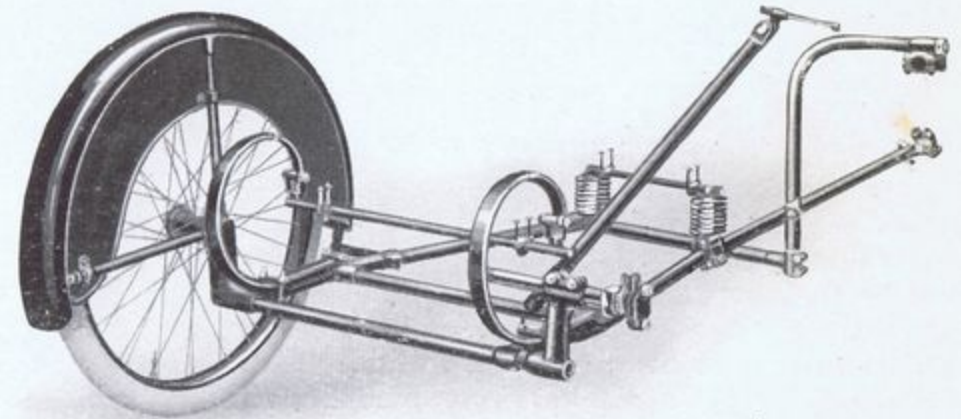
Watsonian



Model C - £12 12 0
COMPLETE WITH DUNLOP 26 x 2½ in SIDECAR TYRE.



Model U Prov. Pat. No. 26297/20 ^{£15 10} ~~£18 10 0~~
COMPLETE WITH DUNLOP 26 x 2½ in STUDDED TYRE.
Or 28 x 3 in HEAVY SIDECAR.



Model P Prov. Pat. No. 26297/20 ^{£13} ~~£15 15 0~~
COMPLETE WITH DUNLOP 26 x 2½ or 26 x 2½ in SIDECAR TYRE.

We build a very strong right-hand chassis for export at - - £18 10 0

barntormers.co.uk

Watsonian

Chassis

Model U.

Designed entirely on a triangulated principle. Built of weldless tube of gauges to withstand abnormal usage, particular attention having been paid to the axle, which is of the finest quality steel, reinforced with double section D tube. The wheel is built on extra wide hub, with oil retaining and grit excluding disc fitted. Four points of attachment are provided to cycle, of our own well-known design. Springing is effected with coil springs at front, 3-leaf C springs at rear, clamped down to brazed-on platforms. No arrangements are made on chassis for mud-guard blade, but a 5 in. domed guard, with side valance attached, is supplied with all bodies when fixed to this chassis. Weight 65 lbs.

This chassis can be supplied suitable for spring frame Indian with right or left-hand kick starter at £1 10 0 extra.

Model C.

As supplied to Watsonian Feather-weight Sidecars (see pages 4 and 5).

A strong light-weight chassis, suitable for attaching to Motor cycles up to 3 h.p. $1\frac{1}{4}$ in. centre and front tube, with $1\frac{1}{8}$ in. axle, 1 in. solid steel spindle, British hub, 26×2 in. or $2\frac{1}{4}$ in. wheel fitted with Dunlop tyre; special springing, with swivel front and compound springs at rear; 3-point attachment; extra strong front connection, turned from solid steel; adjustable lamp bracket. Weight, 40 lbs.

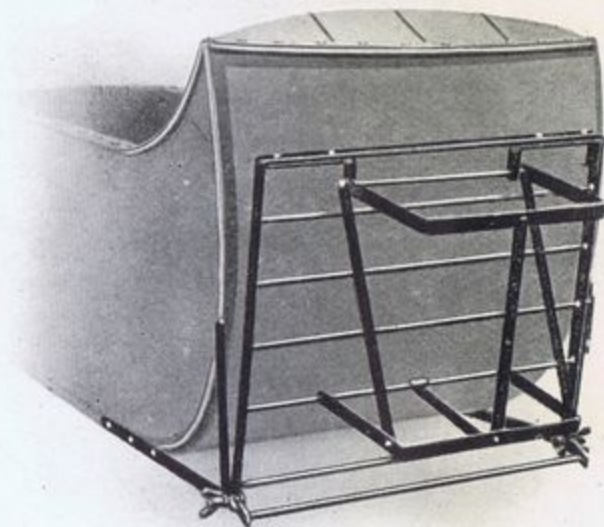
Model P.

As supplied with Tourist, R 34, and Monarch Sidecars (see pages 6, 7, 8, and 9).

This is a chassis of exceptional strength, but its scientific design has enabled the weight to be kept within most reasonable limits. It has $4\frac{1}{2}$ in. mudguard, with side curtain secured to chassis at three different points; short Cee springs at rear and coil springs at front; quick detachable joints, turned from steel rod; $26 \times 2\frac{1}{4}$ in. or $2\frac{1}{2}$ in. Dunlop tyre on wheel, with black rim, rustless spokes British hub; 1 in. spindle. Well enamelled throughout and bright parts heavily plated; 4-point attachment, and 5 in. drop axle.

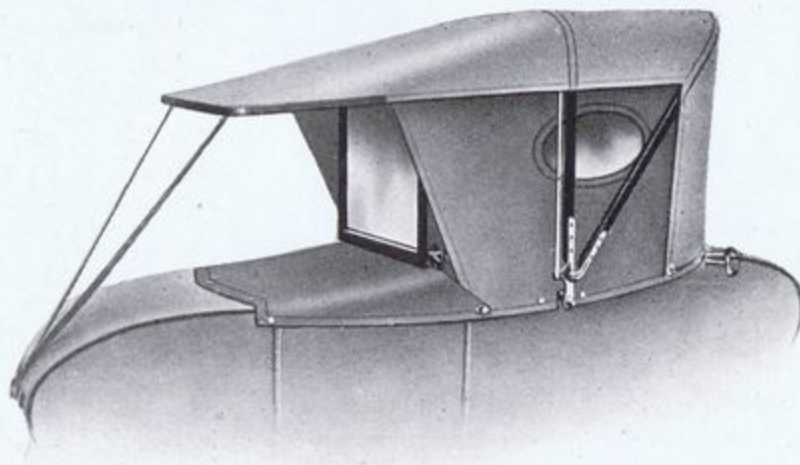


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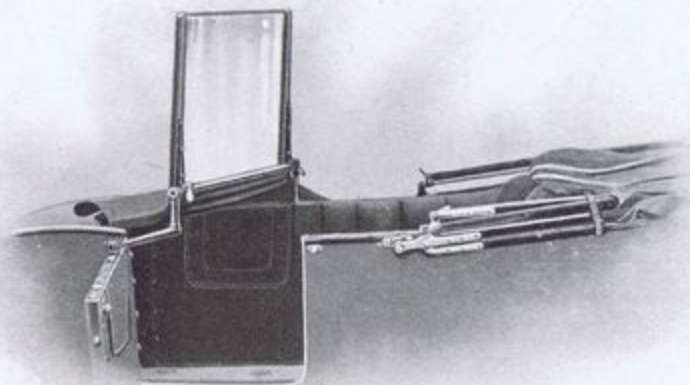
Quotations given for any size or shape to suit customers' own requirements.
By a special arrangement pleasure body can be instantly detached and commercial body fitted in 2 minutes on standard chassis.

£1:10
Luggage Grid **£1 15s.**
Complete with Petrol Tin Carrier.

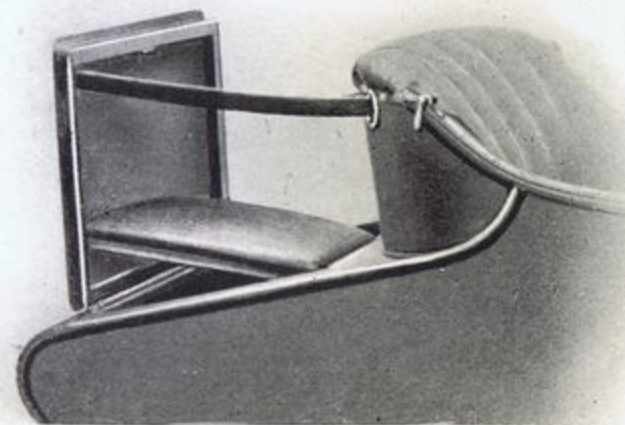


Hood **Price £6 5**

Complete with Side Curtains
and Celluloid Window.



Wind Screen. **Price £3**
Complete with Short Apron.



Child's Seat. **Price £1 1s.**
For Back of Locker Coupé.

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Extras and Replacements

Apron (Coverall poncho)	£0 19 6
Auxiliary Arm (short) with 1½ in. or 1⅝ in. clips	0 16 0
Bolts and Nuts, 1½ × 7/16 in. Nickel Plated, each	0 0 8
Cameo Windscreen	3 0 0
Chain Stay Connection Clip (any section)	0 5 6
Chain Stay Telescopic Tube, complete with ratchet nut, Nickel Plated ...	0 8 0
Chain Stay Connection, to suit lugs incorporated in Motor Cycle Frames ...	0 5 6
Chain Stay Telescopic Tube with lug to suit fittings brazed on Motor Cycle Frame	0 8 0
Cone (inside)	£0 3 6
Cone (outside)	0 3 0
Cup (inside)	0 2 3
Cup outside	0 1 10
Cushion box spring	1 5 0
Cushion for Model "H"	0 15 0
Discs (sheet steel, enamelled)	1 7 6
Discs (polished aluminium)	1 17 6
Douglas Lugs, Nickel Plated for attaching standard fittings to pins incorporated in Frame ...	0 1 3
Douglas Short Arm, enamelled for attachment under foot board	0 3 0
Easting Windscreen (Standard Type)	4 10 0
Easting Windscreen (Royal Type)	5 10 0
Front Connection Clip, enamelled 1⅝ in. or 1¾ in. ...	0 5 0
Hub Cap, Nickel Plated	0 2 0
Mudguard, 4 in., 3 arm with 1⅝ in. clip (enamelled)	0 18 6
Mudguard, 4½ in. with Valance, 3 arm with 1⅝ in. clip, (enamelled)	1 5 6
Mudguard, 4½ in. with Valance and all fittings for Model "P" Chassis (enamelled)	1 2 6
Mudguard, 5 in. with Deep Valance and fittings for attaching to Body (enamelled)	1 5 0
Press Buttons N.P., complete with screws, each ...	0 0 2
Plug Nut (Front Connection), Nickel Plated, each ...	0 0 9
Rubber Buffer Shock Absorbers, each	0 0 3
Seat Arm, complete for "C" Chassis	1 2 6
Seat Pins, 1¼ in. and 1½ in. × 5/16 in. Nickel Plated, each ...	0 0 4
Spring Coil for Front Chassis (1921) each	0 1 6
Springs, Front, complete with eye bolt, enamelled, for 1920 Chassis, per pair	0 5 0
Spring, Small Check, for 1920 Chassis, each	0 0 4
Spring "Cee" short 2 Leaf, (enamelled) per pair	0 14 0
Spring "Cee" short 3 Leaf (enamelled), per pair	0 16 6
Spring Compound, outer coil, enamelled with bolt	0 3 0
Spring, Compound, inner coil, enamelled with bolt and stem	0 1 6
Spanner (Watsonian)	0 2 6
Seat Pillar Pin with tongue attachment, Nickel Plated ...	0 2 6
Split Tongue Clip, enamelled 1⅝ in. or 1¾ in.	0 3 3
Square Bend, complete with front connection plug, enamelled	0 9 3
Square Bend with split clip for telescopic tube, enamelled	0 8 6
Square Bend, with special fittings brazed in to suit lugs incorporated in frame design	0 9 9
Square Bend, long, with special fittings for head of Scott Motor Cycle, (enamelled)	0 15 6
Telescopic Tube (front) with Tee Clip, Nickel Plated	0 6 9
Turn Buttons, N.P. with Washers and Screws, each	0 0 5
Tyres, variation in standard charged at difference in makers list prices.	
Union Ratchet Nut, N.P., for Back Connection	0 2 0
Washer, Cotter Pin and Lock Nut for Wheel Spindle	0 1 0

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Guarantee

We give the following guarantee with our Sidecars instead of the guarantee implied by statute, or otherwise, as to the quality or fitness of such machines for the purpose of being attached to or used with Motor Cycles for riding; any such guarantee being in all cases of Sidecars which have been used for "hiring

out" purposes, or from which our Trade Mark or manufacturing number has been removed, no guarantee of any kind is given or is to be implied.

We guarantee, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship; but this guaranteed is to extend and be in force for twelve months only from the date of such purchase, and damages for which we make ourselves responsible under this guarantee are limited to the free supply of a new part in exchange for the part of the Sidecar which may have proved defective. We do not undertake to replace or refix, or bear the cost of replacing or refixing such new part. We undertake, subject to the conditions mentioned below, to make good at any time within twelve months any defect in these respects. This guarantee does not apply to defects caused by wear and tear, misuse or neglect.

The term "misuse" shall include amongst others the following acts —

- [1] The attaching of a Sidecar to Motor Cycle in such a manner as to cause damage, or calculated to render the Sidecar unsafe when ridden.
- [2] The use of a Sidecar or of Motor Cycle or Sidecar combined when carrying more persons or a greater weight than that for which the Sidecar was designed by us.
- [3] The attaching of a Sidecar to a Motor Cycle by any form of attachment not provided or supplied by us.
- [4] The attaching of a Sidecar designed only for a given h.p. or weight, to a heavier or higher h.p. Motor Cycle.

We do not give a guarantee with any form of attachment to the Motor Cycle which is not made in accordance with our standard patterns as illustrated in our current catalogues.

Any Sidecar sent to us to be plated, enamelled or repaired, whether the repairs are required for the purpose of making good the defects before referred to or otherwise will be repaired upon the following conditions, *i. e.*, we guaranteed that all precautions which are usual and reasonable have been taken by us to secure excellence of material and workmanship, such guarantee to extend and be in force for twelve months only from the time such work shall have been executed, and this guarantee is in lieu of and in exclusion of any common law or statute warranty, and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

Conditions of Guarantee. If a defective part should be found in our Sidecars or in any part replaced, it must be sent to us carriage paid, and accompanied by an intimation from the sender that he desires to have it repaired free of charge under our guarantee, and he must also furnish us at the same time the number of the Sidecar, which will be found stamped on axle tee lug, nearest chain stay attachment, the name of the Agent from whom he purchased, and the date of the purchase, or the date when the alleged defective part was replaced as the case may be.

Failing compliance with the above, no notice will be taken of anything which may arrive, but such articles will lie at the risk of the senders, AND THIS GUARANTEE AND ANY IMPLIED GUARANTEE SHALL NOT BE ENFORCEABLE.

We guarantee only those Sidecars which are bought either direct from us or from one of our authorised agents, and under no other conditions.

We do not guarantee the specialities of other firms, such as tyres, trunks, lamps, etc., or of any component part supplied to the order of the purchaser differing from our standard specification, and supplied with our Sidecars or otherwise.

The Term "Agent" is used in a complimentary sense only. Those firms whom we style our Agents are not authorised to advertise, incur any debts, or transact any business whatsoever on our account, other than the sale of goods which they may purchase from us; nor are they authorised to give any warranty or make any representation on our behalf other than those contained in the above guarantee.

Terms of Business. A Cheque or M.O. for 25 per cent. the value must be enclosed with all orders, and the balance on receipt of Invoice.

We do not hold ourselves responsible for damage in transit. Please examine consignment carefully on receipt, and claim in case of damage immediately to Company delivering goods.

Repairs must be sent "Carriage Paid," with full name and address attached.

CRATES FREE. Export Packing Cases, including packing, at Cost. Goods forwarded by cheapest route, "Carriage Forward."

Orders for abroad will be promptly shipped to nearest Port at lowest shipping rates (Carriage Forward) on receipt of same, with two-thirds of value in cash with order, balance collected against delivery.

All goods sent Carriage Forward Goods train, unless otherwise arranged. If goods are sent Passenger Train they are consigned at owners' risk, unless otherwise ordered.

The illustrations show general appearance, but are not binding in details, and all weights and measurements are as accurate as possible, but must be taken as approximate.

We reserve the right to alter design or price as occasion may arise without notice.

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