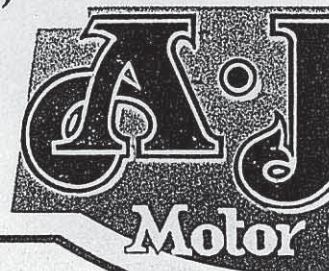




Series "T."



Foreword

WITH the issue of this folder, A.J.S. motor cycles enter upon their thirtieth year in the motor cycle industry. From 1902 to 1932 is a "long cry," but it is one which can be looked back upon with justifiable pride and satisfaction. During these years A.J.S. engineers and designers have never relaxed their endeavours to produce better motor cycles. Advancement and research have gone steadily forward, and the popularity of A.J.S. motor cycles has increased not only throughout the British Isles but in all parts of the world, and to-day A.J.S. machines are to be found all over the globe, giving pleasure, service and satisfaction to their owners.

Always the aim has been to produce nothing but the best, and the design and workmanship which made A.J.S. motor cycles of the past so wonderfully reliable and efficient, are to be found to an even greater extent in the 1932 models described in this folder.

The range for 1932 provides models for all classes, ranging from the lightweight touring Model T5 to the high speed de luxe sports machine, such as the T8.

Every 1932 model is fitted with an inclined engine and every other modern feature. A most important refinement is the provision of an oil bath front chain case, ensuring silence, reliability and long life for the chain. This feature is provided on all models, from the very cheapest to the most expensive, and is typical of the high quality and perfection of design to be found in all 1932 A.J.S. motor cycles.

The 1932 models will once again be notable for their Silence, Power, Flexibility, Speed, Smooth Running, Economy, Accessibility and Reliability, whilst detail refinements and improvements incorporated all contribute towards greater Comfort, Safety and Pleasure on the road.

In brief, A.J.S. motor cycles remain for 1932 as for previous seasons, the finest and highest grade motor cycles in the world.

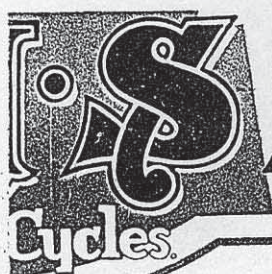
All prices and specifications are subject to alteration without notice. Sold subject to limited guarantee as printed on the back hereof.

Delivery free to nearest railway station to dealer's premises throughout Great Britain and Northern Ireland.

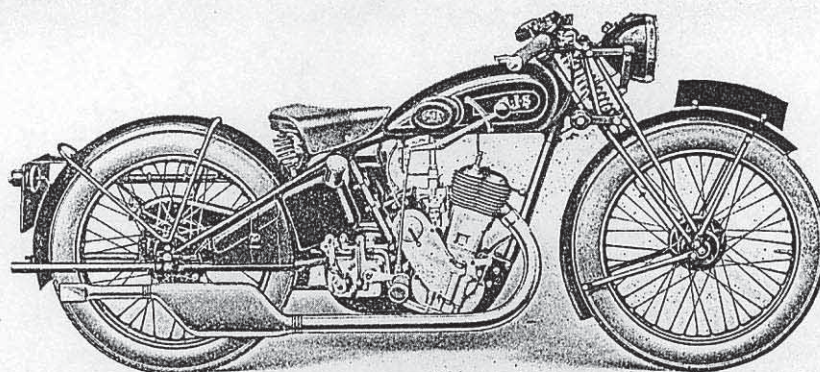
Motor A.J.S. Cycles

44-45, PLUMSTEAD ROAD
LONDON, S.E.18

Telephone: Woolwich 1010.



Models for 1932.



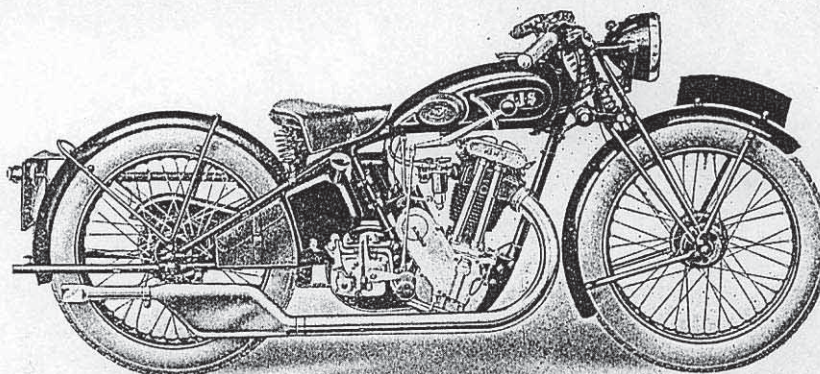
The A.J.S. 3.49 h.p. Standard Lightweight Model T5

Engine, A.J.S. Design and Manufacture. Single Cylinder. Side-by-Side Valves. (74x81 m.m. Bore and Stroke, 349 c.c. capacity). Improved system of Mechanical Lubrication. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts. **Three-Speed Countershaft Gear**, Ratios, 5.8, 9 and 16 to 1. **Clutch**, Hand-controlled. **Footstarter**, with enclosed operating mechanism. **Tyres**, 25"x3.00" Highest Grade Cord. **Hubs**, Taper Roller Bearing. **Carburettor**, Semi-automatic with Twist Grip Control. **Front Forks**, A.J.S. Design and Manufacture. **Handlebars**, New Type with Steering Damper. **Footrests**, adjustable to any position. **Brakes**, Internal Expanding Front and Rear, quick adjustable. **Transmission**, All Chain. Primary Chain totally enclosed and running in OIL BATH, ensuring silence of operation and absence of wear. **Shock Absorber**, on Engine Shaft. **Rear Stand**. **Petrol Tank**, capacity 1½ gallons. **Oil Tank**, capacity 3½ pints. **Weight**, with Lucas Electric Lighting Set, under 224 lbs.

Price £38/10/0

Extra for Lucas Maglita Electric Lighting Set, as illustrated £5/0/0
Extra for Black and Chromium Tank £1/0/0

TAX 30/-
per annum



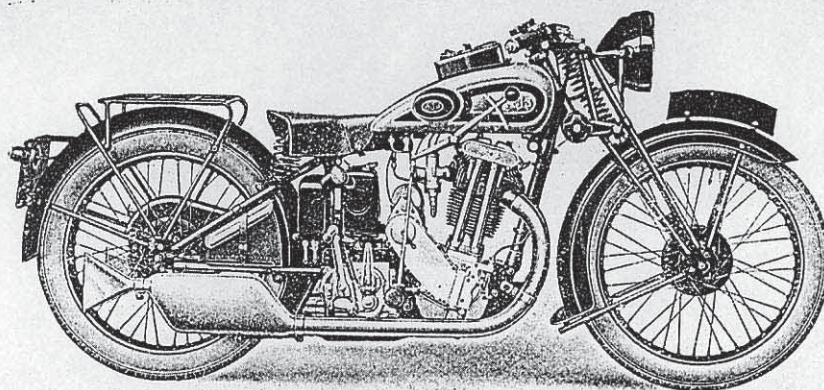
The A.J.S. 3.49 h.p. O.H.V. "Big Port" Model TB6

Engine, A.J.S. Design and Manufacture. Single Cylinder. Overhead Valves. Enclosed Rocker Gear and Push Rods. (74x81 m.m. Bore and Stroke, 349 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Big Port Exhaust. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts. **Three-Speed Countershaft Gear**, Ratios, 5.25, 8.12 and 14.45 to 1. **Clutch**, Hand-controlled. **Footstarter**, with enclosed operating mechanism. **Tyres**, 25"x3" Highest Grade Cord. **Hubs**, Taper Roller Bearing. **Carburettor**, Semi-automatic with twist grip control. **Front Forks**, A.J.S. Design and Manufacture. **Handlebars**, New Type, integral controls with Steering Damper. **Footrests**, adjustable to any position. **Brakes**, Internal Expanding Front and Rear, quick adjustable. **Transmission**, All Chain. Primary Chain totally enclosed and running in OIL BATH, ensuring silence of operation and absence of wear. **Shock Absorber**, on Engine Shaft. **Magneto**, Lucas. **Rear Stand**. **Petrol Tank**, capacity 1½ gallons. **Oil Tank**, capacity 3½ pints. **Weight**, to standard specification, and when fitted with Maglita Lighting Set, is under 224 lbs. (50/- Tax). This weight does not include the tool box and tools, which must be removed when machine is weighed for taxation purposes.

Price £40

Extra for Lucas Maglita Electric Lighting Set, as illustrated £5/0/0
Extra for Black and Chromium Tank £1/0/0

TAX 30/-
per annum

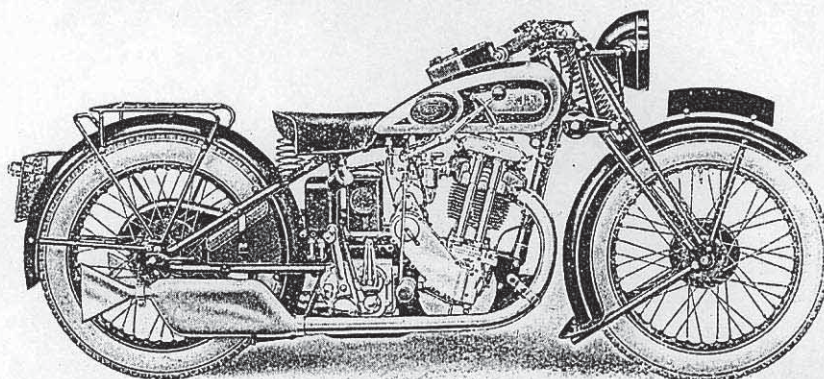


The A.J.S. 3.49 h.p. O.H.V. De Luxe Two Port Model T6

Engine, A.J.S. Design and Manufacture. Inclined Single Cylinder. Overhead Valves. Entirely enclosed Rocker Gear and Push Rods. (74x81 m.m. Bore and Stroke, 349 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Two-Port Exhaust. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts. **Frame**, Semi-cradle, with Duplex Chainstays. **Four-Speed Countershaft Gear**, Ratios, 5.8, 7, 12.6 and 17.4 to 1. **Clutch**, Hand-controlled. **Footstarter**, with enclosed operating mechanism. **Rear Wheel**, A.J.S. Patent Quick Detachable. **Tyres**, 26"x3.25" Highest Grade Cord. **Rear Mudguard**, Hinged. **Hubs**, Taper Roller Bearing. **Carburettor**, Semi-automatic with twist grip control. **Front Forks**, A.J.S. Design and Manufacture. **Handlebars**, New Type with Steering Damper. **Footrests**, adjustable to any position. **Brakes**, Internal Expanding Front and Rear, quick adjustable. **Transmission**, All Chain, Primary Chain totally enclosed and running in OIL BATH, ensuring silence of operation and absence of wear. **Shock Absorber**, on Engine Shaft. **Saddle**, adjustable. **Magneto**, Lucas, mounted behind Engine. **Stand**, Central, Spring-up. **Petrol Tank**, capacity 2 gallons. **Oil Tank**, capacity 4½ pints.

Price £50

Extra for Lucas Magdyno Electric Lighting Set with Instrument Panel,
complete with Speedometer, Clock, Ammeter and Switches ... £9/10/0
Extra for Lucas Magdyno Electric Lighting Set without Instrument Panel ... £5/10/0



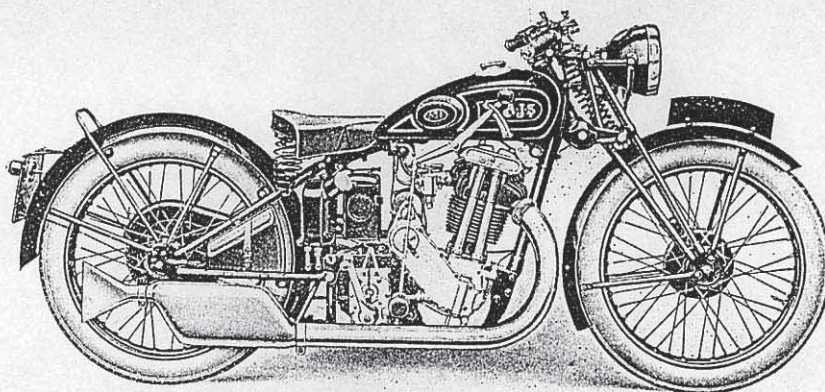
The A.J.S. 4.98 h.p. De Luxe O.H.V. Two Port Model T8

Engine, A.J.S. Design and Manufacture. Inclined Single Cylinder. Overhead Valves. Entirely enclosed Rocker Gear and Push Rods. (84x90 m.m. Bore and Stroke, 498 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Two-Port Exhaust. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts. **Frame**, Semi-cradle, with Duplex Chainstays. **Four-Speed Countershaft Gear**, Ratios, 4.81, 5.8, 10.4 and 14.4 to 1. **Clutch**, Hand-controlled. **Footstarter**, with enclosed operating mechanism. **Rear Wheel**, A.J.S. Patent Quick Detachable. **Tyres**, 26"x3.25" Highest Grade Cord. **Rear Mudguard**, Hinged. **Hubs**, Taper Roller Bearing. **Carburettor**, Semi-automatic with twist grip control. **Front Forks**, A.J.S. Design and Manufacture. **Handlebars**, New Type with Steering Damper. **Footrests**, adjustable to any position. **Brakes**, Internal Expanding Front and Rear, quick adjustable. **Transmission**, All Chain, Primary Chain totally enclosed and running in OIL BATH, ensuring silence of operation and absence of wear. **Shock Absorber**, on Engine Shaft. **Saddle**, adjustable. **Magneto**, Lucas, mounted behind Engine. **Stand**, Central Spring-up. **Petrol Tank**, capacity 2 gallons. **Oil Tank**, capacity 4½ pints.

Price £55

Extra for Lucas Magdyno Electric Lighting Set with Instrument Panel,
complete with Speedometer, Clock, Ammeter and Switches ... £9/10/0
Extra for Lucas Magdyno Electric Lighting Set without Instrument Panel ... £5/10/0

ANY MODEL SUPPLIED ON

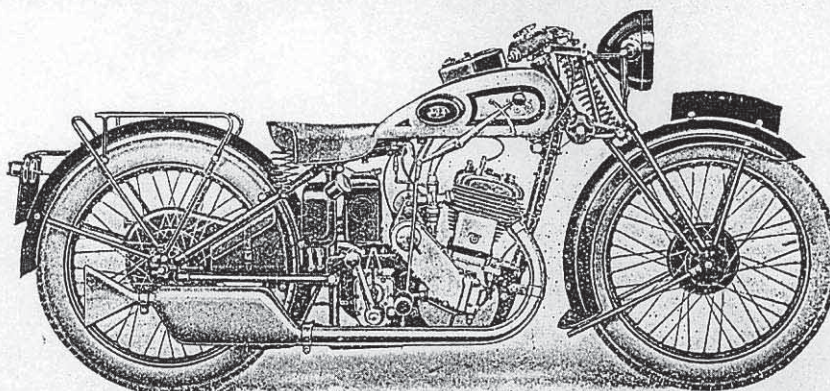


The A.J.S. 4.98 h.p. O.H.V. " Big Port " Model TBS

Engine, A.J.S. Design and Manufacture. Inclined Single Cylinder. Overhead Valves. Enclosed Rocker Gear and Push Rods. (84x90 m.m. Bore and Stroke, 498 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Big Port Exhaust. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts. **Frame**, Semi-cradle, with Duplex Chainstays. **Three-Speed Countershaft Gear**, Ratios, 5.03, 7.38 and 13.43 to 1. **Clutch**, Hand-controlled. **Footstarter**, with enclosed operating mechanism. **Rear Wheel**, A.J.S. Patent Quick Detachable. **Tyres**, 26"x3.25" Highest Grade Cord. **Rear Mudguard**, Hinged. **Hubs**, Taper Roller Bearing. **Carburettor**, Semi-automatic with twist grip control. **Front Forks**, A.J.S. Design and Manufacture. **Handlebars**, New Type, integral controls with Steering Damper. **Footrests**, adjustable to any position. **Brakes**, Internal Expanding Front and Rear, quick adjustable. **Transmission**, All Chain, Primary Chain totally enclosed and running in OIL BATH, ensuring silence of operation and absence of wear. **Shock Absorber**, on Engine Shaft. **Saddle**, adjustable. **Magneto**, Lucas, mounted behind Engine. **Stand**, Central, Spring-up. **Petrol Tank**, capacity 2 gallons. **Oil Tank**, capacity 4½ pints.

Price £47

Extra for Lucas Magdyno Electric Lighting Set with Instrument Panel, complete with Speedometer, Clock, Ammeter and Switches. ...	£9/10/0
Extra for Lucas Magdyno Electric Lighting Set without Instrument Panel ...	£5/10/0
Extra for Black and Chromium Tank ...	£1/0/0
Extra for Four-Speed Gearbox ...	£1/10/0



The A.J.S. 4.98 h.p. De Luxe Side Valve Model T9

Engine, A.J.S. Design and Manufacture. Inclined Single Cylinder. Side-by-Side Valves. (84x90 m.m. Bore and Stroke, 498 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts. **Frame**, Semi-cradle, with Duplex Chainstays. **Three-Speed Countershaft Gear**, Ratios, 4.81, 7.06 and 12.85 to 1. **Clutch**, Hand-controlled. **Footstarter**, with enclosed operating mechanism. **Rear Wheel**, A.J.S. Patent Quick Detachable. **Tyres**, 26"x3.25" Highest Grade Cord. **Rear Mudguard**, Hinged. **Hubs**, Taper Roller Bearing. **Carburettor**, Semi-automatic with twist grip control. **Front Forks**, A.J.S. Design and Manufacture. **Handlebars**, New Type with Steering Damper. **Footrests**, adjustable to any position. **Brakes**, Internal Expanding Front and Rear, quick adjustable. **Transmission**, All Chain, Primary Chain totally enclosed and running in OIL BATH, ensuring silence of operation and absence of wear. **Shock Absorber**, on Engine Shaft. **Saddle**, adjustable. **Magneto**, Lucas, mounted behind Engine. **Stand**, Central, Spring-up. **Petrol Tank**, capacity 2 gallons. **Oil Tank**, capacity 4½ pints.

Price £49

Extra for Lucas Magdyno Electric Lighting Set with Instrument Panel, complete with Speedometer, Clock, Ammeter and Switches. ...	£9/10/0
Extra for Lucas Magdyno Electric Lighting Set without Instrument Panel ...	£5/10/0
Extra for Four-Speed Gearbox ...	£1/10/0

THE HIRE PURCHASE SYSTEM

Some 1932 Features & Refinements

Transmission Shock Absorber.

In order to impart smoothness to the drive all models are fitted with a shock absorber on the engine shaft. This most effectively damps out transmission shocks and imparts a sweeter top gear performance at low speeds.

Instrument Panel.

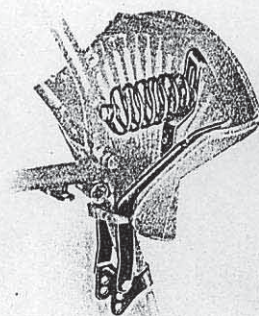
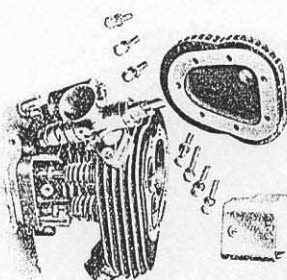
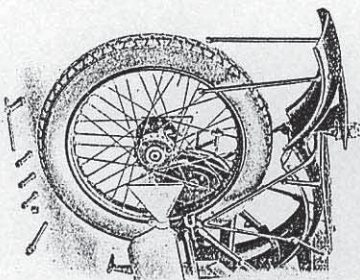
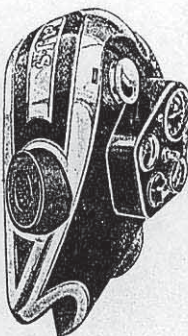
This illustration gives an excellent idea of the handsome instrument panel for fitting on top of the tank. This can be had on all models except T5 and T7B. The panel contains—speedometer, clock, ammeter, main switch and concealed lighting switch. This fitting is an extra.

Hinged Rear Mudguard and Patent Detachable Wheel.

To facilitate the removal of the rear wheel a hinged guard is fitted to Models T9, T8 and T9, which in conjunction with the patent A.J.S. detachable wheel, affords the greatest simplicity and ease of operation. After the hinged guard has been lifted up the wheel is taken out by removing three sleeve bolts, a centre pin and a distance piece. No other part of the transmission is touched, the chain, brake adjustment, etc., remaining unaltered. Likewise wheel alignment is not affected. It is the simplest and most perfect system fitted to any motor cycle.

Car Type Side Valve Cylinder.

On Model T9 the valves are housed in the cylinder block. This is clearly shown in the illustration. The advantages of this form of construction are—greater ease of dismantling, carburettor remaining untouched when the cylinder head is lifted off, and tappet clearances are not affected as they are when the valves are in the detachable cylinder head.

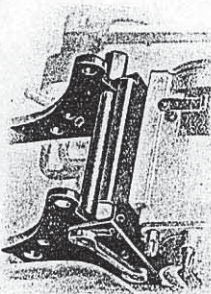
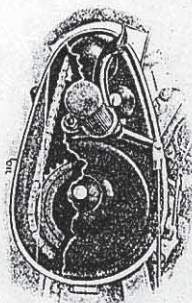


Adjustable Saddle.

Provision is made on Models T9, T8, T7B and T9 to alter the position of the saddle to suit riders' varying requirements. The under-carriage of the saddle at the front is provided with a bolt which can be fitted into either of three holes in a lug on the top tube, and the rear end of the under-carriage is slotted to permit the saddle to be moved backwards or forwards. The bottom of the coil springs remain permanently fastened to the frame. The principle will be seen clearly from the illustration.

Totally Enclosed Front Chain.

Every 1932 Model is fitted with a chain case which totally encloses the primary drive, and the chain runs in oil. This is a refinement which every motor cyclist will appreciate, contributing as it does to long life and silent running of the front chain.

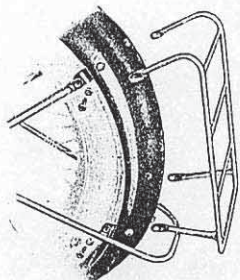


Magneto Mounting.

The accompanying illustration shows the method of adjusting the magneto for taking up slack in the driving chain. Two long threaded bolts pass through the magneto platform and screw into a tapped link on the opposite side. The platform, as will be seen, has a radial slot which allows the magneto to be swung back sufficiently to take up any slack in the chain when necessary.

Detachable Rear Carrier.

On all 1932 T Series Models a detachable rear carrier is available (extra charge 12/6), as shown in the accompanying illustration. This is lifted off by the removal of four pins and nuts, leaving the rear guard clear and conforming to the sporting appearance which so many of the riders prefer. The carrier is made of finest quality steel tube, oxy-acetylene welded.



Notice

We do not appoint agents for the sale on our behalf of our motor cycles or other goods, but we assign to Motor Cycle Dealers areas in which we supply to such Dealers exclusively for re-sale in such areas. No such Dealer is authorised to transact any business, give any warranty, make any representation, or incur any liability on our behalf.

Guarantee

We give the following guarantee with our motor cycles, motor cycle combinations and sidecars, which is given in place of any implied conditions, warranties or liabilities whatsoever, statutory or otherwise, all such implied conditions, warranties and liabilities being in all cases excluded, any statement, description, conditions or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging, varying or overriding this guarantee. In the case of machines which have been used for "hiring out" purposes or racing, or from which the trade mark, name 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 guarantee is to extend and be in force for six months only from the date of 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 motor cycle, motor cycle combination or 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 in the motor cycle, motor cycle combination or sidecar. We undertake, subject to the conditions mentioned below, to make good at any time within six months any defects in these respects. As motor cycles, motor cycle combinations and sidecars are easily liable to derangement by neglect or misuse, 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 the motor cycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.
- 2.—The use of a motor cycle or of a motor cycle and sidecar combined, when carrying more persons or a greater weight than that for which the machine was designed by the manufacturers.
- 3.—The attaching of a sidecar to a motor cycle by any form of attachment not provided, supplied or approved by the manufacturers, or to a motor cycle which is not designed for such use.

Any motor cycle or motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed or until the expiration of the six months above referred to, and this guarantee is in lieu and in exclusion of any common law or statute, warranty or condition, 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 motor cycles, motor cycle combinations or sidecars, or in any part supplied by way of exchange before referred to, it must be sent to us CARRIAGE PAID, and accompanied by an intimation from the Owner that he desires to have it repaired or exchanged free of charge under our guarantee, and he must also furnish us at the same time with the number of the machine, the date of the purchase, or the date when the alleged defective part was exchanged, as the case may be.

Failing compliance with the above, such articles will lie here AT THE RISK OF THE OWNER, and this guarantee and any implied guarantee, warranty or condition shall not be enforced.

We do not guarantee specialities, such as tyres, saddles, chains, lamps, etc., or any component parts supplied to the order of the Purchaser, differing from our standard specifications supplied with our motor cycles, motor cycle combinations, sidecars or otherwise.

Motor **AJS** Cycles

44-45, PLUMSTEAD ROAD
LONDON, S.E.18

Proprietors—MATCHLESS MOTOR CYCLES (Colliers) Ltd.

Telegrams and Cables: "MATCHLESS" WOOLWICH. Phone: WOOLWICH 1010.
Codes: A.B.C. 5th and 6th Editions, and Bentley's.