

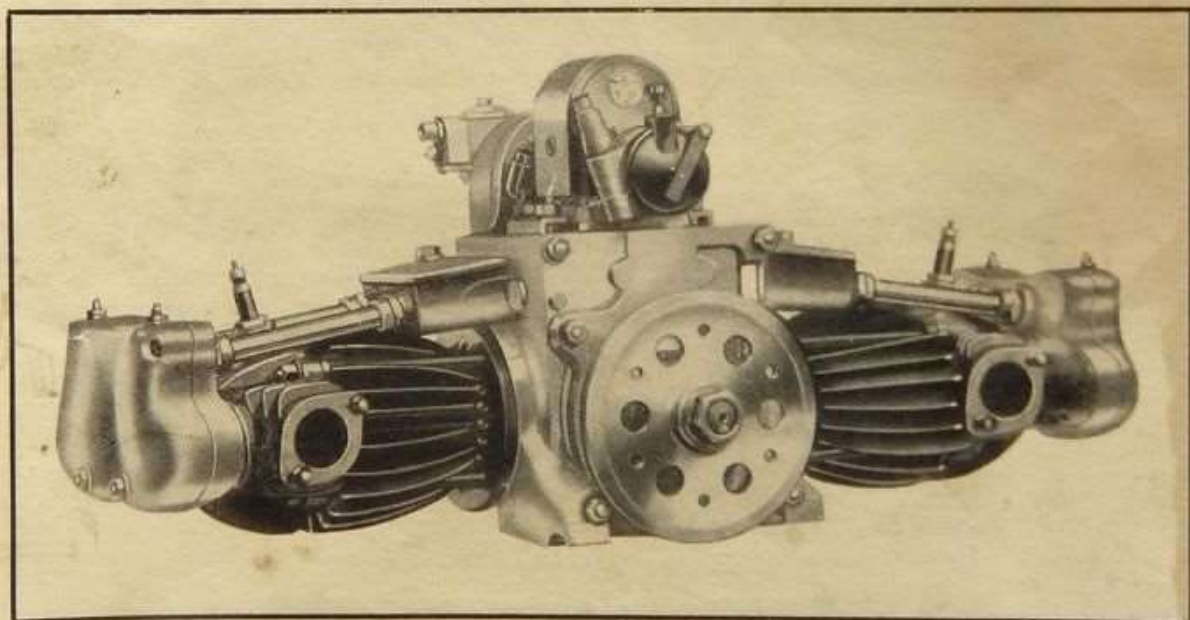


BY APPOINTMENT

Douglas

500 c.c. & 600 c.c.

O.H.V.



CONTRACTORS to the WAR OFFICE, ADMIRALTY, AIR MINISTRY, INDIA OFFICE,
THE LEADING RAILWAYS, CROWN AGENTS FOR THE COLONIES,
FOREIGN GOVERNMENTS, Etc.

WILLIAM DOUGLAS (Bristol) LTD.
KINGSWOOD, BRISTOL, ENGLAND

www.fpww.it

GUARANTEE

We give the following guarantee with our bicycles, 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, condition 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 (a) which have been used for " hiring out " purposes, or (b) any motor cycle and /or sidecar used for any dirt track, cinder track or grass track racing or competitions (or any competition of any kind within an enclosure for which a charge is made for admission to take part in or view the competition) or (c) machines from which the trade mark, name, or manufacturing number has been removed, no guarantee, condition or warranty 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 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 bicycle, motor cycle, motor cycle combination and 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 bicycle, motor cycle, motor cycle combination and sidecar. We undertake subject to the conditions mentioned below, to make good at any time within six months any defects in these respects. As the bicycles, 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 bicycle, motor cycle, 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 material 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 bicycles, 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 enforceable.

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

WILLIAM DOUGLAS (Bristol) LTD.
KINGSWOOD, BRISTOL, ENGLAND

Telephone : Kingswood 73013

Telegrams : " Douglas, Kingswood "

REMARKS

This list cancels all previous lists. We reserve the right to alter or amend the specifications herewith without previous notice.

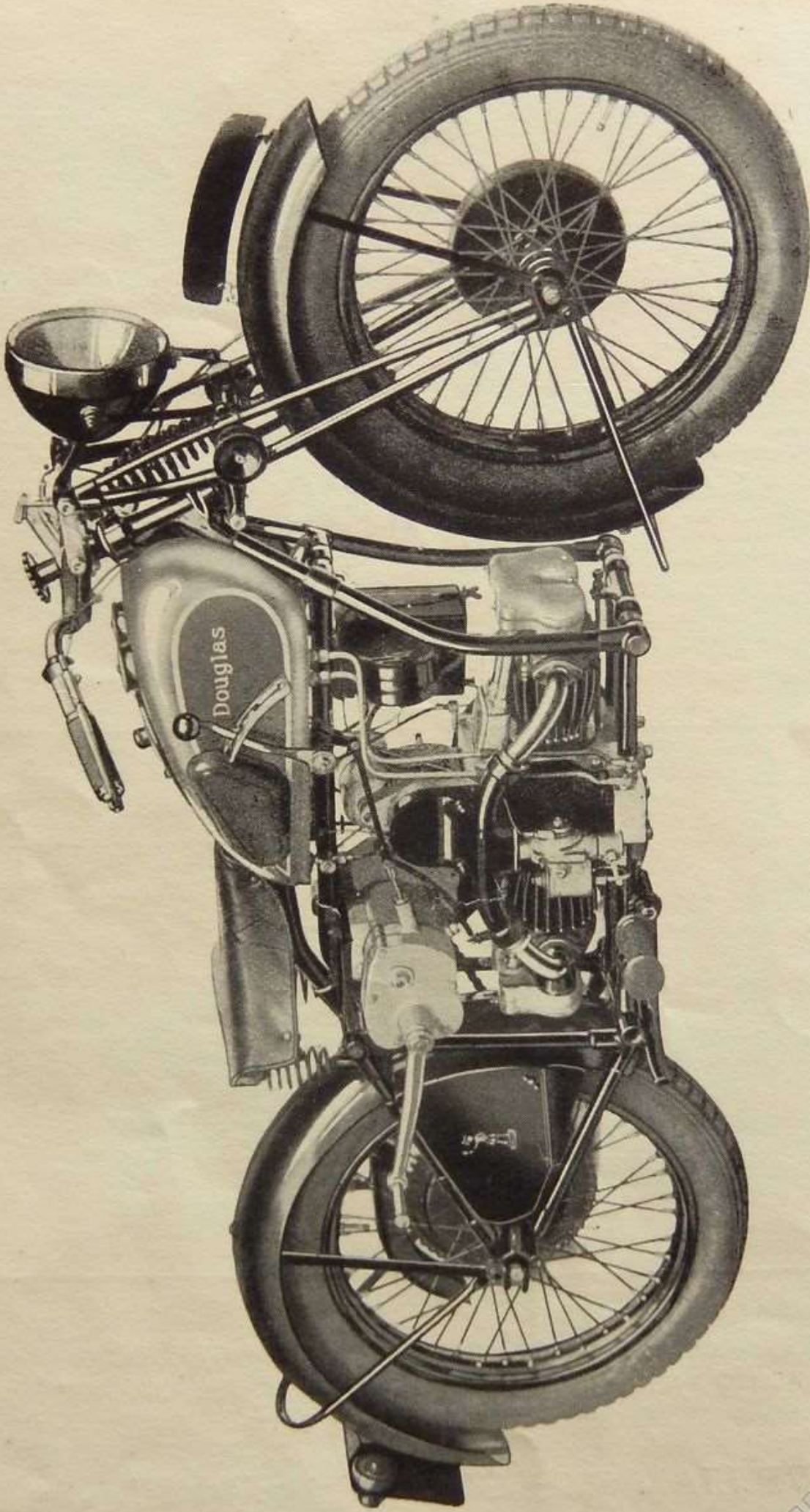
The illustrations throughout are not binding in detail, and are given as a general rule.

WARNING

Customers are warned against the fitting of inferior imitation spare parts sold as Douglas spares ; they do so with a grave risk of ruining their machines. Genuine Douglas spares carry our Registered Trade Mark.



www.flyw.it



	£	s.	d.
500 c.c. O.H.V. Model O.W.	58	0	0
600 c.c. O.H.V. Model O.W.1	58	0	0
Electric Light (to include Instrument Panel on Tank)	5	15	0

Models O.W. & O.W.1.

THE FIVE HUNDRED *and* SIX HUNDRED
TWIN

Douglas

O.H.V.

SPECIFICATION

ENGINE. Horizontally opposed twin cylinder; overhead valves with detachable heads; all valve gear totally enclosed (Douglas patent); engine fitted with heavy type timing gears and new pattern geared oil pump. Bore $62\frac{1}{4}$ m.m. x stroke 82 m.m.—494 c.c. (68 m.m. bore—82 m.m. stroke—596 c.c.). New pattern timing cover with improved induction pipe fitted with Douglas single lever carburettor. **Crankcase**—Aluminium casting. **Cylinders**—Cast iron with C.I. detachable heads. **Pistons**—Aluminium fitted with pressure and scraper rings. **Valves**—Mushroom pattern of high grade steel. **Connecting rods**—Of case hardening steel fitted with double rollers and duralumin cage at big end. **Camshaft**—Of case hardening steel and gears of special steel alloy. **Crankshaft**—Of high grade case hardening steel.

LUBRICATION. Mechanical gear pump, worm driven, pumping oil from tank to engine and scavenging from engine to tank.

IGNITION. Lucas mag. dynamo or magneto.

CARBURETTOR. Douglas single lever.

TRANSMISSION. $\frac{3}{8}$ x $\frac{1}{4}$ roller chain rear. $\frac{1}{2}$ x $\frac{5}{16}$ front.

FRAME. Douglas duplex cradle pattern.

FRONT FORKS. Douglas new pattern with centre spring giving perfect steering action and fitted with shock absorber and steering damper.

BRAKES. Douglas low pressure 8 in. diameter drums.

TANK. Improved saddle pattern fitted with knee grips and instrument panel. Chromium plated. $3\frac{1}{4}$ gall. petrol, 3 pts. oil.

SADDLE. Spring top of large size.

WHEELS. Heavy pattern fitted with detachable brake drums and taper roller bearings.

TYRES. 26 x $3\frac{1}{2}$.

FOOTRESTS. Detachable.

MUDGUARDS. Deep section giving ample protection.

GEARBOX. Douglas improved 4 speed gearbox with constant mesh kickstarter mechanism. Can be fitted with foot change if required.

GEAR RATIOS.

500 c.c.—4.8, 6.3, 8.3, 13.9

600 c.c.—4.4, 5.8, 7.56, 12.7.

CLUTCH. Heavy type Douglas patent flywheel clutch.

FINISH. Chromium plating on plated parts and black enamel.

Details of the O.H.V.

Douglas



This machine, which is of the Overhead Valve type of Douglas, is introduced this year for the benefit of the speed man—the man who requires a high average speed consistent with reliability and comfort. It is a machine which can be used for fast touring and for “snappy” short runs. But if it is used for long fast touring it is well able to maintain a high average speed. It is developed from our experiences on road and track—experiences of many years dating back to 1923, when the Douglas machine had such a phenomenal success in the Isle of Man; all these have been embodied in its engine. Not only have these experiences been incorporated, but the Douglas factory is now an approved Air Ministry Station, and the means applied for these Air Ministry tests are naturally those used in the tests of our own productions. This inspection Certificate is not easy to obtain, and the factory has to conform with all the tests and conditions, both as regards material and workmanship, laid down by the Air Ministry itself. The Douglas factory has been able to pass these tests, and therefore, the engine is subjected to the same tests which the Air Ministry demand. Every part of the engine must pass through the Test and Inspection Shops where very accurate instruments and also very large machines are used for testing the component parts and the tensile strength of the materials.

This engine is almost an exact replica of the engine which it is proposed to use in aeroplanes—in fact an engine has already been tried in prescribed areas with very excellent results, both with regard to speed, reliability and economy. It is a matter of some importance that an aeroplane of this type embodying a Douglas engine has been selected by Captain Barnard, the famous airman, as one which he will be taking to India, demonstrating British Aeroplanes throughout India; it is particularly worthy of note that the Hospital Pageant's flying Circus also used this type of engine in their tour of England this year.

Prospective riders can, therefore, rest perfectly assured that the engine will be the best we can give them, and the bicycle parts will in no way be inferior. A careful study of the specification of this

engine, together with a close inspection of the model itself, will definitely prove this statement as correct. We recommend this machine to the fast touring rider and to the rider who at the same time wishes to feel perfectly fresh after his long journey. This is a trait of the Douglas engine with its vibrationless twin engine—fatigue is reduced to a minimum.

Douglas—is different
is safe
is comfortable
is fast
is reliable
is A TWIN

Douglas Models for 1934



X.	150 c.c. Model, Flywheel Lighting
X.1	150 c.c. Model, Dynamo Lighting
Y.	250 c.c. Side Valve Model
Y.1	350 c.c. Side Valve Model
Y.2	500 c.c. Side Valve Model
Z.	600 c.c. Side Valve Model
Z.1	750 c.c. Side Valve Model
O.W.	500 c.c. O.H.V. Model
O.W.1	600 c.c. O.H.V. Model