

Royal Enfield

THE NEW MODEL

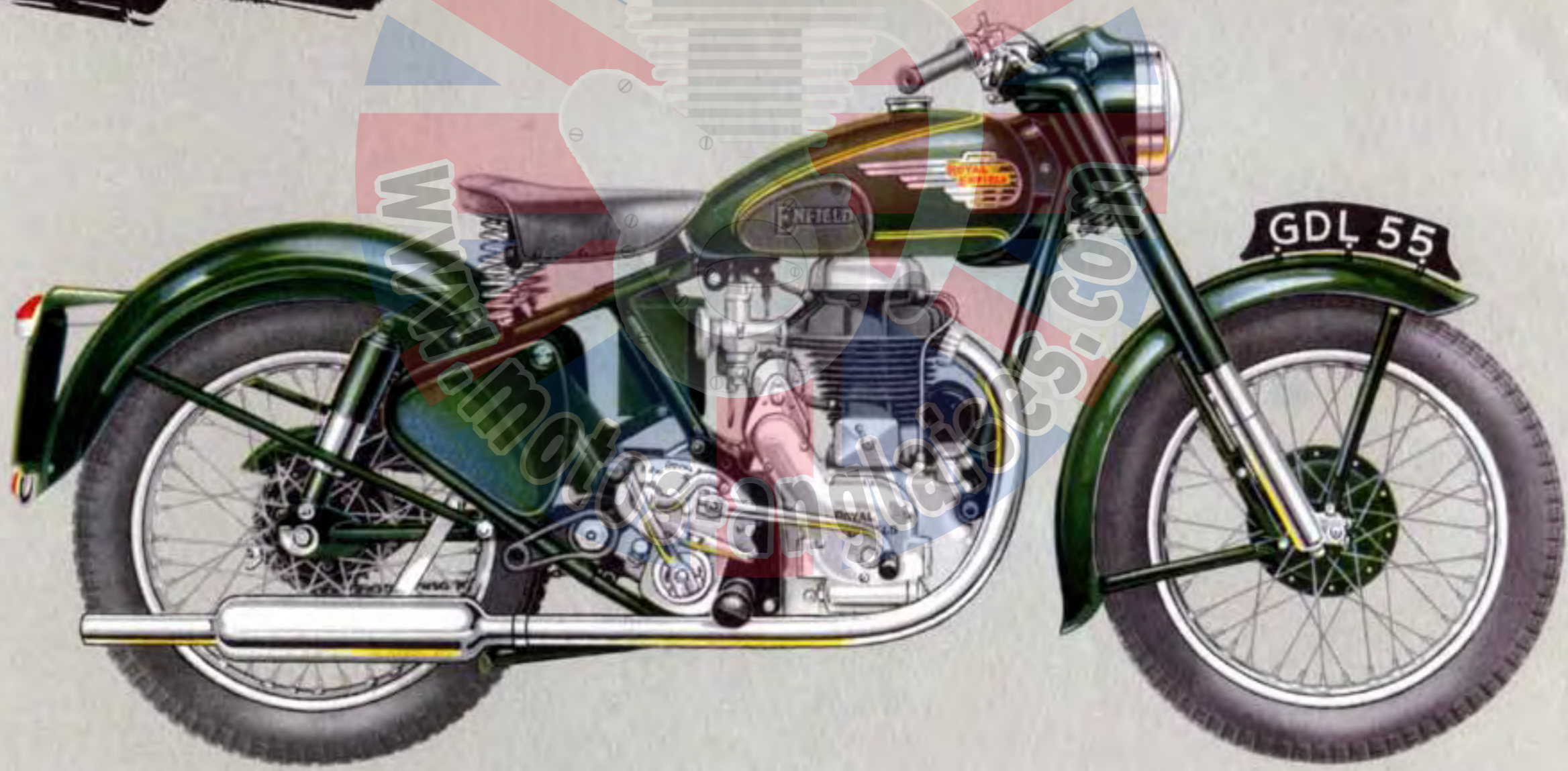
G

DE LUXE





The Royal Enfield



Model

G

De Luxe

346



S P E C I F I C A T I O N

ENGINE : 346 c.c. o.h.v. single cylinder, cast iron cylinder head and cylinder barrel. Full dry sump lubrication utilizing double-acting pumps, a large capacity oil filter is incorporated in the system.

FRAME : Constructed throughout of chrome molybdenum tubing, the frame incorporates swinging arm rear suspension of the type which has been used so successfully by Royal Enfield competition riders for some years. The rear wheel movement is controlled by hydraulic dampers, to ensure maximum road shock absorption and stability under all conditions.

FRONT FORKS : Hydraulically controlled, the front forks have a long soft movement and are designed to give light, positive steering. Being self-lubricating the forks will run for indefinite periods without attention.

TRANSMISSION : Four-speed foot-operated gearbox incorporating positive neutral finder which enables the rider to obtain neutral from top, third and second gears by one depression of the neutral finder pedal.

The primary drive is by $\frac{1}{2}$ -in. pitch chain totally enclosed and running in oil and the final drive by $\frac{3}{8}$ -in. pitch chain.

CARBURETTOR : Amal.

WHEELS : The Royal Enfield cush drive incorporated in the rear hub provides the most efficient of all types of transmission shock absorber, smoothing out power impulses and so reducing wear of chains, bearings and tyres. Both wheels are fitted with Dunlop 18 x 3.25 studded tyres.

ELECTRICAL EQUIPMENT : Lucas 60 watt output magdynamo, automatic voltage control, electric horn. The headlamp and twin pilot lights are mounted in the Casquette fork head, which also carries the lighting switch, speedometer and ammeter.

EQUIPMENT : Smith's chronometric illuminated speedometer, centre stand, inflator and tool kit.

FINISH : Distinctive olive green enamel, bright parts heavily chromium plated or polished aluminium. Attractive metal tank motif of modern design.

G U A R A N T E E

1955

TECHNICAL DATA

Bore and stroke (m.m.)	...	...	70 × 90
Cubic capacity (c.c.)	...	...	346
Compression Ratio	...	...	6.5 to 1
Gear Ratios	...	...	5.6 7.3 10 15.6 to 1
Petrol Tank Capacity (Imp. Gals.)			3½
Oil Tank Capacity (pints)	...	...	4
Approx. Maximum Speed (m.p.h.)			70-75
Approx. Petrol Consumption (m.p.g.)			80-85
Weight (lbs.)	...	...	362
Wheelbase (inches)	...	...	54
Saddle Height (inches)	29½
Ground Clearance (inches)	6
Overall Width (inches)	26½

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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 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 to 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 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 or supplied 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 enforceable.

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 standard specifications supplied with our motor cycles, motor cycle combinations, sidecars or otherwise. Such parts are, however, normally guaranteed by their respective manufacturers, to whom any claims should be made in the event of such parts proving defective.

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.

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Royal Enfield

MOTOR CYCLES

THE ENFIELD CYCLE CO. LTD., REDDITCH, ENGLAND

'Grams: "Cycles, 'Phone, Redditch.'" 'Phone: Redditch 121 (8 lines)