



The smart economy car designed specially for
the needs of the modern family

RELIANT REBEL

Pocket money motoring for 1966

Once in a generation, the motor industry produces a car that is completely different – a car that has a combination of virtues never before seen on the road. The Reliant Rebel is such a car. Its appearance, its economy, its price – even the materials with which it is made – set it apart from ordinary, run-of-the-mill production cars. For those who want to be different, without paying highly for the privilege, the Rebel represents one of Britain's least expensive status symbols. And once acquired, its pocket money motoring costs make it a pleasure to use – every day.

60 MILES PER GALLON RELIANT REBEL

MORE ECONOMY!

The Rebel costs less to run than any other full four-seater car; 60 m.p.g., low insurance rates, no need for a garage (in any weather) – and Reliant vehicles hold their re-sale values better

The Rebel's unitary construction glass fibre body is stronger than steel. It laughs off traffic bumps, protects your family all ways. Safety harness mounting points are standard equipment.

MORE SAFETY!



MORE SPACE!

The Rebel has more front seat leg room than any other car in its class.

MORE ENGINE LIFE!

The Rebel's 600 c.c. engine is a developed version of the famous all-aluminium Reliant unit proved by thousands of family motorists to have a life of up to 100,000 miles. The rust-free glass fibre body can literally last forever!

The Rebel's sleek, attractive body was styled by a group of Britain's leading designers, and is made of reinforced glass fibre. This means you get unitary construction with glass fibre strength – a **Reliant first**. It gives you cheaper repairs and complete weather resistance (no garage is needed) – a **Reliant first**

You get a car body stronger than steel, built by Reliant, who know more about moulding glass fibre than anyone else in Europe. And the sleek, smart lines of the

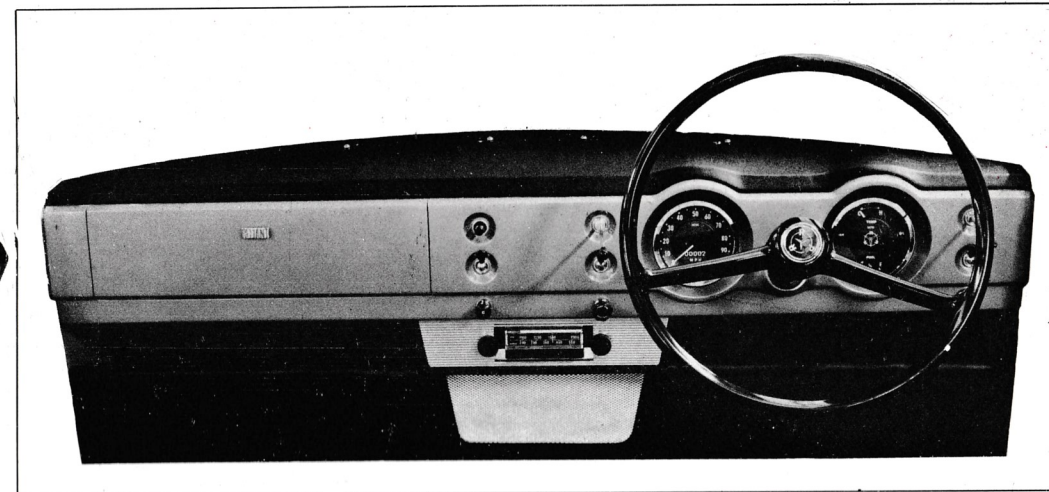
1966 Rebel demonstrate fully the beauties of styling that only glass fibre can achieve. The Rebel is roomy – to fit it for its many roles as a 'friend of the family'. Its big, comfortable seats offer more leg room for driver and passengers than many much more expensive, larger cars. Its luxurious, fully trimmed interior for 1966 also compares with more costly saloons. This space and comfort means that drivers and passengers can travel all day at the Rebel's 65 m.p.h. cruising speed and arrive refreshed. Wide doors for easy access to the back seats offer convenience plus two-door safety for children.

A capacious boot completes the picture – the Rebel is a small car outside, but big inside!

The Rebel's four-speed gearbox with its well-positioned sporting lever adds to the pleasure of driving, and contributes to the car's sparkling town-and-country performance. Ease of parking and nippy acceleration in traffic help in town – while the 6-gallon petrol tank fits the Rebel for cross-country strides of up to 360 miles.

RELIANT

POCKET MONEY MOTORING



Technical Specification

Engine Reliant four cylinder high efficiency overhead valve, water cooled. Bore 2.2 in., Stroke 2.4 in., Capacity 600 c.c., Maximum b.h.p. 28 at 5,250 r.p.m. Compression ratio 8.45:1. Detachable low pressure die cast aluminium cylinder head with cast iron valve guides and sintered iron seats. Die cast aluminium cylinder block and crank case with removable wet liners. Forged steel super finished crankshaft mounted on three steel-backed main bearings. Engine mounted on rubbers at three points.

Lubrication Submerged vane-type oil pump delivers oil under pressure to the crankshaft main bearings, thence to the camshaft bearings. The connecting rod bearings are supplied from the main bearings through oilways drilled in the crankshaft webs. Gudgeon pins and cylinder walls are splash lubricated. Capacity of sump, five pints. Dipstick fitted.

Cooling System Pump assisted circulation and two-bladed fan driven by belt from engine pulley.

Fuel System 'Solex' downdraught carburettor, incorporating easy starting device and fitted with air cleaner and silencer supplied by petrol pump driven direct from camshaft. Petrol tank capacity 6 gallons.

Ignition By 12-volt battery and coil, distributor mounted on cylinder block incorporating vacuum-operated advance and retard mechanism with extension driven from cam shaft. Sparking plugs 14 mm. long reach.

Clutch Borg and Beck dry single plate type, with self-lubricating withdrawal bearing.

Transmission Four forward speeds and reverse, synchromesh on top, second and third. Ratios: top 4.375:1, third 6.34:1, second 10.8:1, first 18.66:1, reverse 24:1. Needle bearing propeller shaft to spiral bevel rear axle of semi-floating type, with differential gear and large ball and roller bearings.

Brakes Hydraulically operated internal expanding brakes to all wheels. Size 8" x 1 1/4" front 7" x 1 1/4" rear. Foot brake operates on all four wheels, hand brake on rear wheels only.

Steering Burman Douglas type. Right or left-hand steering.

Suspension Front — independent low periodicity system. Rubber bushed wishbone pivots at top, nylon bushes at bottom. Screwed bottom bush and top ball joint swivels, coil springs controlled by telescopic direct-acting hydraulic dampers. Rear — longitudinal, asymmetric, semi-elliptic leaf springs with hydraulic double-acting shock absorbers. Springs have nylon inserts.

Chassis Box section, pressed steel with tubular braced cross members.

Wheels Front wheels mounted on stub axles on taper roller bearings. All wheels pressed steel detachable and interchangeable fitted with large nave plates. Tyre size 5.50 x 12.

Electrical Equipment 12-volt Lucas system Built-in headlamp with sealed beam units controlled by foot-operated dipping switch. Interior light. Combined stop tail and rear flasher lamps. Ignition key starting. Self parking twin windscreen wipers.

Fascia Fully instrumented, with matching dials incorporating: speedometer, main beam and direction indicator warning lights; temperature and fuel gauges, ignition and oil warning lights. Finger tip control over lighting, windscreen wiper and flashing indicator switches. Choke, heater (when fitted) and windscreen washer controls.

Bodywork Coachbuilt, all glass fibre full four-seater saloon, embodying latest unit construction technique for increased strength and rigidity. Completely corrosion-free and highly resistant to incidental damage. Two wide-opening doors with wind-up safety glass windows and ventilation panel. Toughened safety glass curved windows and ventilation panels. Toughened safety glass curved windscreen and side and rear windows. Rear opening boot of 11 cubic feet capacity. Interior rear view mirror.

Exterior Colours Rebel Red, Golden Brown, Aztec Blue, Honey Beige, Greenstone, Sunburst Yellow.

General Equipment Lifting jack, tool outfit and electric horn.

Optional Equipment Safety Harness. 5-41 Rear Axle. Radio. Overrides. Heater and demister.

General Dimensions

Wheelbase	89" 2260 mm.
Track front 48" (1219 mm.) rear 46 5/8" 1184 mm.	
Turning Circle	27' 8.25 m.
Ground Clearance	5 1/2" 140 mm.
Overall Length	137" 3.480 m.
Overall Width	58" 1.473 m.
Overall Height	56 1/2" 1.435 m.



Now — find out for yourself how **Reliant make economy make sense — for you** at your local Reliant dealer.

Or write for full specification and prices to:

Reliant Motor Company Limited, Tamworth, Staffordshire, England.

Reliant policy is one of continuous development. The company therefore reserves the right to alter specifications and prices without notice.

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