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# Morris Cars

## Major 1931-33

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### Specifications

#### Morris Major 1931-33

Engine: Type 'LB' 1931, Type 'LE' 1932, Type 'LE' 1933 and Type 'LF' 1933 export. Six-cylinder side-valve, 'LB', 'LF', 63.5mm bore, 102mm stroke, 1983cc, 14.9hp. 'LE', 61.25mm bore, 102mm stroke, 1803cc, 13.9hp. 'LB', 3-ring, all others 4-ring aluminium alloy pistons. 28mm diameter inlet and exhaust valves. Compression ratios: 'LE', 5.49/5.57; 'LF' 5.7. Combined pre-heating and air-cleaning device on head of engine. Coil ignition. Distributor drive off dynamo (4½in. Lucas). Cooling by water pump and fan. SU carburetter, 1½ in. diameter. Three-speed gearbox on 'LB', other engines four-speed gearbox. Cork-insert clutch running in oil, multi-plate on 'LB', other engines single-plate. Sump capacity 1¼ gallons. Maximum rpm 3,400. 'LE', 28.5bhp. 'LF', 32.2bhp.

#### Morris Major 1931 Chassis Numbers: MJ101-MJ4125

Mechanical four-wheel brakes, foot pedal to all wheels, handbrake to independent shoes at rear. Right-hand accelerator pedal. Plymax dash. Dipping headlights. Bishop Cam steering. Armstrong friction-type shock absorbers. Rear petrol tank, 11-gallons. Autovac feed to SU carburetter. Enclosed torque type to spiral bevel rear axle; home model ratio 4.75:1, export model 5:1. Group chassis lubrication nipples over rear axle casing. Wire wheels with small hub, 5 stud, Dunlop Cord 500-19 tyres. Spring gaiters. Rectangular chromium-plated radiator surround with black shutters operated by Calorstat, winged badge. Triplex single-panel windscreen with electric windscreen wiper. Single blade bumpers front and rear. Folding luggage grid on saloon. Track 4ft. Wheelbase 8ft 9in.

#### Morris Major 1932-33 Chassis Numbers: 1932: MJ4126-MJ13061 1933: MJ13062-MJ18594

Mechanical four-wheel brakes, handbrake by cable to rear shoes, 10in. drums. Centre organ-type accelerator pedal. Dipping headlights. Traffic indicators on 1933 models (early versions with Wilcot flashing units). Bishop Cam steering, adjustable rake. Armstrong friction-type shock absorbers on 1932. Armstrong hydraulic type on 1933. Enclosed propeller shaft to spiral bevel rear axle, ratio 5.27:1. Magna wire wheels 3 x 19, 5-stud, Dunlop 500-19 tyres. Splash guards on front wings of 1933 models. Rounded radiator shell chromium-plated with chromium-plated shutters operated by Calorstat, shield shaped badge. Triplex single-panel windscreen with electric windscreen wiper. Twin blade bumpers front and rear. Track 4ft. Wheelbase 8ft 10in.

For further details please refer to *The Morris Motor Car 1913-1983* by Harry Edwards  
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