

AKD 10838

SALESMAN'S  
REFERENCE

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Morris

M.G.

Riley

Walsley

Vander Plas



# M. G.

## MODELS

Magnette Mark III .. .. .	4-door Saloon
MGA 1600; MGA 1600 Coupé .. .. .	2-seater

## SALES FEATURES

Overhead- valve engine.  
Thermostatically controlled pressurized cooling system.  
Mono-construction (Magnette).  
Chassis (MGA).  
Coil spring independent front suspension.  
MGA 1600 with Lockheed disc brakes at front, drums at rear.  
Hypoid rear axle for silence and long life.  
Ventilated disc wheels; wire wheels optional for MGA 1600.  
Spacious luggage compartment on Magnette.  
Hydraulic clutch operation.  
Provision is made for fitting an H.M.V. Radio.  
Magnette also available in duotone colour scheme.  
Door locks with children's safety locking device fitted on the Magnette.  
The Magnette has a safety type steering wheel.

## MGA 1600

### OPTIONAL EXTRAS AVAILABLE:

Dunlop disc brakes front and rear with centre lock wheels and road speed tyres	Cigar lighter
Heater	Overall tonneau cover
White wall tyres	Competition windshield
Adjustable telescopic steering column	Radiator blind
Wire wheels	Windshield washer
Alternative axle ratio of 4.55 to 1	Hard top
Twin horns	Radio
5.90—15 speed tyres	Cold air ventilation
Wing mirror	Ashtray
External luggage carrier and wing mirror	Competition De-luxe seats
Fog lamp	Badge bar
Battery covers	Headlamp Flasher switch
	Anti-roll bar
	De-luxe sliding sidescreens

Racing and Competition equipment is also available to separate special order.

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### COLOURS

Model	Body	Upholstery	Hood (2-seater only)
MGA 1600 (2-seater and coupé)	Chariot Red	Red	Beige
	Chariot Red	Beige	Beige
	Chariot Red	Black	Grey
	Iris Blue	Black	Blue
	Alamo Beige	Red	Beige
	Dove Grey	Red	Grey
	Old English White	Red	Grey
	Old English White	Black	Grey
	Black	Red	Grey
	Black	Beige	Grey

Model	Body	Upholstery
Magnetite Mark III	Black	Crimson
	Black	Green
	Yukon Grey	Crimson
	Damask Red	Crimson
	Whitehall Beige	Green
	Pearl Grey	Green
	Porcelain Green	Blue
	Clipper Blue	
	Duotone: Whitehall Beige/ Damask Red	Crimson
	Yukon Grey/ Whitehall Beige	Crimson
	Clipper Blue/Pearl Grey	Blue
	Pearl Grey/ Connaught Green	Green

### M.G. CARS

### BODY DIMENSIONS

	MGA 1600 2-seater		MAGNETTE Mark III 4-door Saloon	
	in.	cm.	in.	cm.
Front seat cushion to roof .. .. .	37	94	37½	95
Rear seat cushion to roof .. .. .	—	—	35	89
Front cushion depth .. .. .	20½	52	18	46
Rear cushion depth .. .. .	—	—	18	46
Front squab height .. .. .	20½	52	20½	52
Rear squab height .. .. .	—	—	23	58
Height of front cushion .. .. .	8½	21	14	35
Height of rear cushion .. .. .	—	—	14½	36
Back of front squab to front of rear cushion { Max. .. .. .	—	—	12½	32
front of rear cushion { Min. .. .. .	—	—	7	18
Steering wheel to front squab { Max. .. .. .	17½	44	17	43
front squab { Min. .. .. .	13½	35	12	30
Steering wheel to cushion .. .. .	5½	14	6	15
Leg room (Front) { Max. .. .. .	48½	123	47½	121
{ Min. .. .. .	44½	113	41½	105
Leg room (Rear) { Max. .. .. .	—	—	48	122
{ Min. .. .. .	—	—	45	114
Luggage boot height (Max.) .. .. .	14	35	22½	57
Luggage boot depth (Max.) .. .. .	32½	82	31	79
Luggage boot width (Max.) .. .. .	39	99	57½	145
Width of front bucket seat .. .. .	18½	47	21½	55
Overall width of front seats .. .. .	42½	108	49	124
Width of rear cushion .. .. .	—	—	55½	141
Max. front seating width at cushion level .. .. .	48	122	55	140
Max. rear seating width at cushion level .. .. .	—	—	55½	141
Width over front seat at shoulder height .. .. .	45	114	50	127
Width over rear seat at shoulder height .. .. .	—	—	50	127
Wheelbase .. .. .	94	239	99 7/8	252
Overall height .. .. .	50	127	59½	152
Overall width .. .. .	58	147	63½	161
Overall length .. .. .	156	396	178½	452
Door entry width—front .. .. .	22	56	33	84
rear .. .. .	—	—	26	66
Unladen weight (approx.) .. .. .	18 cwt. (914 kg.)		22½ cwt. (1143 kg.)	

M.G.

## CHASSIS DETAILS

	MGA 1600 2-seater	MAGNETTE Mark III 4-door Saloon
Gear-change position	Central (remote)	Central (remote)
Rear axle	$\frac{2}{3}$ -floating; hypoid	$\frac{2}{3}$ -floating; hypoid
Rear axle ratio	4.3 to 1	4.3 to 1
Overall gear ratios:	15.652 to 1	15.64 to 1
1st	9.520 to 1	9.52 to 1
2nd	5.908 to 1	5.91 to 1
3rd	4.3 to 1	4.3 to 1
Top	20.468 to 1	20.45 to 1
Reverse		
Steering gear	Rack and pinion	Cam and lever
Turning circle—R/H } L/H }	30 ft. 6 in. (9.296 m.)	37 ft. 6 in. (11.43 m.)
Wheel size	4J x 15	4 $\frac{1}{2}$ x 14
Tyre size	5.60-15	5.90-14
Tyre pressures—front	17 lb./sq. in. (1.2 kg./cm. <sup>2</sup> )	23 lb./sq. in. (1.62 kg./cm. <sup>2</sup> )
rear	20 lb./sq. in. (1.4 kg./cm. <sup>2</sup> )	25 lb./sq. in. (1.76 kg./cm. <sup>2</sup> )
Four-wheel brakes— front	Lockheed disc	Girling hydraulic (2 leading shoe)
rear	Lockheed drum	Girling hydraulic (drum)
Hand brake operation	Cable on rear shoes	Cable on rear shoes
Brake-drum diameter	10 in. (25.4 cm.)	9 in. (22.8 cm.)
Final drive	Hypoid	Hypoid
Front springs	Independent coil	Independent coil
Rear springs	Semi-elliptic	Semi-elliptic
Dampers	Hydraulic	Hydraulic
Torque taken by	Springs	Springs
Drive taken by	Springs	Springs
Fuel tank capacity	10 gallons (45 litres)	10 gallons (45 litres)
Dimensions		
Wheelbase	7 ft. 10 in. (2.39 m.)	8 ft. 3 $\frac{3}{8}$ in. (2.520 m.)
Track:		
Front—disc wheels	47 $\frac{1}{2}$ in. (1.203 m.)	48 $\frac{3}{8}$ in. (1.23 m.)
wire wheels	47 $\frac{7}{8}$ in. (1.216 m.)	—
Rear	48 $\frac{3}{8}$ in. (1.238 m.)	49 $\frac{7}{8}$ in. (1.267 m.)
Ground clearance	6 in. (15 cm.)	6 $\frac{1}{8}$ in. (16.9 cm.)

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## POWER UNIT DETAILS

	MGA 1600 2-seater	MAGNETTE Mark III 4-door Saloon
Number of cylinders	4	4
Bore	2.968 in. (75.39 mm.)	2.875 in. (73.02 mm.)
Stroke	3.5 in. (89 mm.)	3.5 in. (89 mm.)
Cubic capacity	96.906 cu. in. (1588 c.c.)	90.88 cu. in. (1489 c.c.)
Compression ratio	8.3 to 1	8.3 to 1
Valves	O.H.V. push-rod	O.H.V. push-rod
Valve rocker clearance	.015 in.	.015 in.
Main bearings	(.38 mm.) hot White-metalled steel shells	(.38 mm.) hot White-metalled steel shells
Big-end bearings	Lead-indium lined steel shells	Lead-indium lined steel shells
Pistons	Aluminium alloy	Aluminium alloy
Piston rings	3 compression, 1 scraper	3 compression, 1 scraper
Camshaft drive	Duplex roller	Duplex roller
Oil filter	Full-flow	Full-flow
Oil pressure (relief valve)	50 lb./sq. in. (3.52 kg./cm. <sup>2</sup> )	75 lb./sq. in. (5.27 kg./cm. <sup>2</sup> )
Ignition	Coil, centrifugal and vacuum advance	Coil, centrifugal and vacuum advance
Firing order	1, 3, 4, 2	1, 3, 4, 2
Plugs—Champion	N5 14 mm. $\frac{3}{8}$ in. reach	N5 14 mm. $\frac{3}{8}$ in. reach
Fuel feed	S.U. electric pump	S.U. Type PD pump
Carburettor	S.U. (twin) semi- downdraught	S.U. (twin) semi- downdraught
Air cleaner	Gauze	Oil bath
Cooling	Pump, fan and thermostat	Pump, fan, and thermostat
Clutch	Borg & Beck 8 in. (20.32 cm.)	Borg & Beck 8 in. (20.32 cm.)
Gearbox ratios:		
1st	3.64 to 1	3.64 to 1
2nd	2.21 to 1	2.21 to 1
3rd	1.37 to 1	1.37 to 1
Top	1.00 to 1	1.00 to 1
Reverse	4.76 to 1	4.76 to 1
Engine oil capacity	7 $\frac{1}{2}$ pints (4.25 litres)	7 $\frac{1}{2}$ pints (4.25 litres)
Gearbox oil capacity	4 $\frac{1}{2}$ pints (2.56 litres)	4 $\frac{1}{2}$ pints (2.56 litres)
Rear axle oil capacity	2 $\frac{1}{2}$ pints (1.28 litres)	2 $\frac{1}{2}$ pints (1.28 litres)
Cooling system capacity	10 pints (5.6 litres)	12 $\frac{1}{2}$ pints (7.1 litres)

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## EQUIPMENT

	MGA 1600 2-seater	MAGNETTE Mark III 4-door Saloon
<b>Body</b>		
Bumpers .. .. .	Full width No	Full width Yes
Door lock .. .. .	Yes	Yes
Door pulls .. .. .	Yes	Yes
Driving mirror .. .. .		(anti-glare) Yes
Heater .. .. .	Optional extra Yes	Yes
Over-riders .. .. .	Optional extra	Optional extra
Rimbellishers .. .. .	Separate (adjustable)	Separate (adjustable)
Seats—front .. .. .	Coupé only	Two
Sun visor .. .. .	Leather and leathercloth	Leather and leathercloth
Upholstery .. .. .	No	Front and rear Winding Yes
Ventilating window .. .. .	—	
Window regulators .. .. .	Optional extra	
Windshield washer .. .. .		
<b>Electrical and Instruments</b>		
Ammeter .. .. .	No	Yes
Battery .. .. .	12-volt	12-volt
Battery capacity (at 20-hour rate) .. .. .	58 amp./hr.	58 amp./hr.
Cigarette lighter .. .. .	No	No
Clock .. .. .	No	Yes
Compensated voltage control .. .. .	Yes	Yes
Direction indicators—R.H.D. .. .. .	Flashers	Flashers
L.H.D. .. .. .	Flashers	Flashers
Fuel gauge .. .. .	Electric	Electric
Revolution indicator .. .. .	Yes	No
Map-reading lamp .. .. .	Yes	No
Radio .. .. .	Optional extra	Optional extra
Speedometer .. .. .	Yes	Yes
Temperature gauge .. .. .	Yes	Yes
Windshield wiper .. .. .	Twin-blade (self-parking)	Twin-blade (self-parking)

## VANDEN PLAS

## MODELS

3 Litre Princess .. .. .	Saloon
4 Litre Princess .. .. .	Saloon Limousine

## SALES FEATURES

Overhead-valve high-performance engine.

3 Litre model available with either Automatic transmission or 3-speed gearbox with overdrive. (The gearbox and overall ratios when 3 speed gearbox and overdrive are fitted are the same as given for Wolseley 6/99 on pages 16 and 17).

Automatic gearbox (optional extra on 4 Litre).

Provision for fitting Radio.

Coachwork by Vanden Plas.

Flashing signal direction indicators.

Map-reading lamp (not 4 Litre Limousine).

Dual reading lamp in rear compartment (4 Litre).

Built-in heating and ventilation system with demisters and defrosters.

Windshield washer.

Hypoid rear axle.

Independent front suspension by helical coil springs and double-acting hydraulic dampers.

Spare wheel housed in separate compartment.

Large luggage capacity.

3 Litre model fitted with Lockheed servo-assisted hydraulic brakes employing discs at the front and drums at the rear.

BRAKE HORSE POWER AND TORQUE

Model	Comp ratio	B.H.P.		Torque lb./ft. Standard
		Standard	Gross	
Morris Mini Minor 40-43 Morris Mini Van	8-3	34 @ 5,500	37	44 @ 2,900
Morris Minor 1000 Morris 1/2-ton Van, Series III	8-3	37 @ 5,000	40	50 @ 2,500
Morris Oxford, Series V Wolseley 15/60	7-2	34 @ 5,000	37	48 @ 2,500
Morris Oxford, Series V Wolseley 15/60	8-3	53 @ 4,350	55	82-5 @ 2,100
Morris Oxford, Series V Wolseley 15/60	7-2	48 @ 4,200	51	77 @ 2,000
Morris 1/2-ton Van, Series III	7-2	48 @ 4,200	51	77 @ 2,000
M.G. Magnette Mark III Riley 1-5 Riley 4/68	8-3	63-5 @ 5,000	66-5	82 @ 2,500
Wolseley 1500	7-2	48 @ 4,200	51	77 @ 2,000
M.G., M.G.A. 1600	8-3	79-5 @ 5,600	83	87 @ 4,000
Wolseley 6/99 Vanden Plas 3 Litre Princess	8-2-3	108 @ 4,750	112	165 @ 2,500
Wolseley 6/99 Vanden Plas 3 Litre Princess	7-2	104 @ 4,750	109	156 @ 2,400

HORSE POWER—R.A.C. RATING

Model	Horse Power R.A.C. Rating
Morris Mini Minor .. .. .	9-8
Morris Mini Van .. .. .	
Morris Minor 1000 .. .. .	
Morris 1/2-ton Van, Series III .. .. .	
Morris Oxford, Series V .. .. .	13-2
Morris 1/2-ton Van, Series III .. .. .	
Wolseley 1500 .. .. .	
Wolseley 15/60 .. .. .	
M.G. Magnette, Mark III .. .. .	
Riley 1-5 .. .. .	
Riley 4-68 .. .. .	
M.G., M.G.A. 1600 .. .. .	14-1
Wolseley 6/99 .. .. .	25-8
Vanden Plas 3 Litre Princess .. .. .	

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TRAV.  
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Eng 40 H.P.G

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