

# Technical Data

## ENGINES

### 1.6 litre petrol

Fuel	UNLEADED 95 RON to EN 228 specification is recommended †
Capacity	1588 cm <sup>3</sup>
Firing order	1-3-4-2
Idle speed	825 ± 50 rev/min
Bore	80 mm (3.15 in)
Stroke	79 mm (3.11 in)
Number of cylinders	4 in-line
Compression ratio	10.5:1
Ignition system	MEMS3 breakerless, electronic
Spark plugs	NGK PFR 6 N
Spark plug gap	0.90 mm ± 0.05 mm
† Unleaded fuels of 95 - 98 RON can be used.	

### 1.8 litre petrol

Fuel	UNLEADED 95 RON to EN 228 specification is recommended †
Capacity	1796 cm <sup>3</sup>
Firing order	1-3-4-2
Idle speed:	
- 135 ps models	925 ± 50 rev/min
- all other 1.8 models	825 ± 50 rev/min
Bore	80 mm (3.15 in)
Stroke	89.3 mm (3.52 in)
Number of cylinders	4 in-line
Compression ratio	10.5:1
Ignition system	
- 1.8 automatic models	MEMS2J breakerless, electronic
- all other 1.8 models	MEMS3 breakerless, electronic
Spark plugs	NGK PFR 6 N
Spark plug gap	0.90 mm ± 0.05 mm
† Unleaded fuels of 95 - 98 RON can be used.	

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## CAPACITIES

Fuel tank (usable)	50 litres (11.0 gallons)
Engine oil (and filter) refill:	4.5 litre (7.9 pints)
Manual gearbox refill:	2.2 litre (3.8 pints)
Automatic gearbox refill	4.5 litre (7.9 pints)
Cooling system refill:	10.5 litre (18.5 pints)
Washer reservoir	2.2 litres (3.8 pints)

## ELECTRICAL

<b>Battery type:</b>	
1.6 - manual gearbox	H5, sealed for life
1.8 - manual gearbox	H5, sealed for life
1.8 - automatic gearbox	H5, sealed for life
<b>Battery rating:</b>	
H5 Battery	63 amp/hr
Voltage and polarity	12 V, negative (-) earth

## WHEELS & TYRES

### Wheel size and type

Type	Size
Alloy wheels:	
15" wheels	6.0J x 15
16" wheels	7.0J x 16
Spare wheels:	
14" steel †	5.5J x 14
16" alloy †	7.0J x 16
Road wheel nut torque	70 Nm
† The spare wheel may be a different size to the road wheel it replaces, and is for temporary use only. Road speed must be limited to a maximum of 50 mph (80 km/h).	

### Tyre specification

Wheel size	Tyre
6.0J x 15 (alloy)	
Front:	185/55 R15 82V
Rear:	205/50 R15 86V
7.0J x 16 (alloy)	
Front:	195/45 R16 80W
Rear:	215/40 R16 82W
5.5J x 14 spare (steel)	175/65 R14 82T
7.0J x 16 spare (alloy)	195/45 R16 80W

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## TYRE PRESSURES

### Speeds up to 100mph (160km/h)

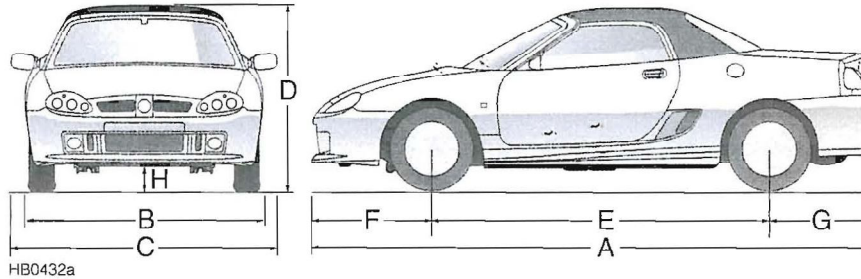
<b>Tyre size</b>	<b>Tyre pressure</b>	
185/55 R15 82V (front)	26 lb/in <sup>2</sup>	1.8 bar
195/45 R16 80W (front)	26 lb/in <sup>2</sup>	1.8 bar
205/50 R15 86V (rear)	32 lb/in <sup>2</sup>	2.2 bar
215/40 R16 82W (rear)	36 lb/in <sup>2</sup>	2.5 bar
175/65 R14 82T (spare) †	32 lb/in <sup>2</sup>	2.2 bar
195/45 R16 80W (spare) †	32 lb/in <sup>2</sup>	2.2 bar
† The spare wheel may be a different size to the road wheel it replaces, and is for temporary use only. Road speed must be limited to a maximum of 50 mph (80 km/h).		

### Speeds above 100mph (160km/h)

<b>Tyre size</b>	<b>Tyre pressure</b>	
185/55 R15 82V (front)	28 lb/in <sup>2</sup>	1.9 bar
195/45 R16 80W (front)	28 lb/in <sup>2</sup>	1.9 bar
205/50 R15 86V (rear)	32 lb/in <sup>2</sup>	2.2 bar
215/40 R16 82W (rear)	36 lb/in <sup>2</sup>	2.5 bar

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## DIMENSIONS



	Suspension	
	Standard	Sports
Overall length - A	3943 mm (155.2 in.)	3943 mm (155.2 in.)
Overall width (excluding mirrors) - B	1628 mm (64.1 in.)	1628 mm (64.1 in.)
Overall width (including mirrors) - C	1807 mm (71.14 in.)	1807 mm (71.14 in.)
Overall height - D		
- Soft-top	1261 mm (49.7 in.)	1249 mm (49.2 in.)
- Hard-top	1264 mm (49.8 in.)	1252 mm (49.3 in.)
Wheelbase - E	2375 mm (93.5 in.)	2375 mm (93.5 in.)
Front overhang - F	841 mm (33.1 in.)	841 mm (33.1 in.)
Rear overhang - G	726 mm (28.6 in.)	726 mm (28.6 in.)
Ground clearance (at unladen weight) - H	124 mm (4.9 in.)	114 mm (4.5 in.)
Turning circle (kerb to kerb)	10.56 m (34 ft. 8 in.)	10.56 m (34 ft. 8 in.)

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## WEIGHTS

		<b>1.6i</b>	<b>1.8i</b>	<b>1.8i auto</b>	<b>1.8 VVC</b>
Approximate unladen vehicle weight †	kg	1095 - 1150	1105 - 1170	1125 - 1180	1115 - 1180
	lb	2410 - 2535	2435 - 2575	2480 - 2600	2455 - 2600
Max. gross vehicle weight	kg	1320 - 1390	1320 - 1390	1390	1390
	lb	2910 - 3060	2910 - 3060	3060	3060
Max. front axle load	kg	600 - 610	600 - 610	610	610
	lb	1320 - 1345	1320 - 1345	1345	1345
Max. rear axle load	kg	740 - 790	740 - 790	790	790
	lb	1630 - 1740	1630 - 1740	1740	1740
Max. bootlid load	kg	20	20	20	20
	lb	45	45	45	45
Optional hard-top weight	kg	20	20	20	20
	lb	45	45	45	45
† Unladen vehicle weight is calculated with no occupants and fuel tank 90% full.					