The DB5 Aston Martin
Saloon and Convertible

For you, a possession that reflects immaculate taste and rare discrimination. Of nearly two million British cars produced annually, Aston Martin account for just three a day. Each painstakingly hand-built by master-craftsmen; true devotees of the marque. The DB5 is the fastest regular 4-seater G.T. car in the world. Top speed exceeds 150 m.p.h. Stops from 100 m.p.h. in 6 seconds. Murmurs through traffic and arouses interest everywhere. The convertible is built to the same exacting specification as the saloon except that twin petrol tanks are employed. Experience the ultimate in high performance motoring—the DB5 ASTON MARTIN.

Aston Martin built 4 litre light alloy engine, 282 b.h.p.; twin overhead camshafts; 3 carburettors; micronic air-filter; oil cooler; 5 speed all synchromesh gearbox, top overdrive; power assisted disc; alloy-body shell mounted on light tubular structure and carried on steel platform safety chassis; luxuriously appointed; air conditioning optional. Also available with the Vantage engine as an alternative; 3 Weber Carburettors developing 325 b.h.p.
SPECIFICATIONS DB5 ASTON MARTIN

Engine
Six-cylinder twin overhead camshaft. Bore 96 mm (3.78 in.), Stroke 92 mm (3.62 in.), Capacity 3995 cc (244 cu. in.). Three S.U. carburettors fed through large micronic air filter and efficient air distribution box. Compression ratio 8:9:1, develops 282 b.h.p. at 6,500 r.p.m.

Cylinder Block
Cast in aluminium alloy. Centrifugally-cast chrome vanadium-iron top seating wet liners.

Crankshaft
Forged in chrome molybdenum steel, statically and dynamically balanced. The shaft is centred in two 2 in. diameter (69.85 mm) steel backed, lead bronze bearings.

Cylinder Head and Valve Operation
Cast in aluminium alloy, incorporating fully machined hemispherical combustion chambers. Large diameter valves inclined to 60° included angle, with exhaust valve guides in direct contact with water. Twin overhead camshafts operate the valves directly through the medium of a metal harden nickel molybdenum steel tappets. Camshaft driven by two-stage duplex roller chain with manual adjustment tensioners.

Pistons and Connecting Rods
Die-cast aluminium alloy. Three compression rings. One spring steel oil control ring, large diameter carbon-graphite pin located by corks. Forged connecting rods in nickel chrome molybdenum steel, weight graded and balanced.

Lubrication System
By front mounted chain-driven oil pump and full-flow cartridge filter. Oil cooler standard equipment.

Cooling System
Casting by pump and mechanical fan. Cross-flow radiator with separate header tank. (Fan exerts hot air from engine compartment through improved ventilating apertures.)

Ignition
High efficiency coil with ballast resistor. New distributor incorporating improved automatic advance and vacuum adjustment.

Clutch
Hydraulically operated single plate spring clutch.

Gearbox
Five-speed all-synchromesh on which top speed is revivable. Ratios: 1st 0.834:1, 2nd 1.00:1, 3rd 1.23:1, 4th 1.73:1, reverse 3.31:1.

Propeller Shaft
Needle roller bearings dynamically balanced. Sealed for life lubrication.

Final Drive
Hypoid Ratios 3.72:1.

Overall Ratios

<table>
<thead>
<tr>
<th>Overall Ratios</th>
<th>Top</th>
<th>3.14</th>
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<tbody>
<tr>
<td></td>
<td>4th</td>
<td>3.77</td>
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<tr>
<td></td>
<td>3rd</td>
<td>4.64</td>
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<td></td>
<td>2nd</td>
<td>6.64</td>
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<td>1st</td>
<td>10.29</td>
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Suspension
Front: Independent, incorporating transverse wishbones and ball jointed lower pin. Co-axial coil springs and large diameter telescopic shock absorbers.

Rear: Live axle mounted on parallel trailing links and located transversely by Watt linkage. Helical coil springs mounted behind axle. Large double acting piston type shock absorbers. Adjustable ride control.

Steering
Rack and pinion. 16 in. diameter (406.4 cm) worm and two steering wheels. Wheel position and column angle adjustable to fixed positions.

Brakes
Girling disc, tandem master cylinder, power assisted by separate suspended vacuum servos for front and rear brake systems. Floor mounted handbrake lever operating on rear discs. Fluid level and handbrake warning light.

Fuel System
Tank capacities: Saloon 19 Imp gal. (86.6 litres). 220 US galls. Electrically operated reserve 5 Imperial galls. Convertible and Saloon with air conditioning, twin tanks, total capacity 16 Imperial galls. 72.7 litres. 2nd galls. 19.2 US galls. One tank (8 galls) functions as reserve, controlled by change over switch. Twin S.U. high pressure fuel pumps.

Exhaust System
Twin baffle system with four efficient silencers.

Wheels and Tyres
Centre lock wire wheels with 5.5 x 15 in. high speed tyres.

Electrical Equipment

Instruments
Speedometer, Impulse Tachometer, oil pressure gauge, oil temperature gauge, water temperature gauge, fuel gauge with reserve warning light, ammeter and electric clock.

Heating and Ventilation
Comprehensive heating and ventilating system providing flow of air to driver or passengers' side at choice. Controls arranged for the whole heater output to be used for windscreen defrosting if required. Air conditioning optional.

Body

Spare Wheel and Tools
The spare wheel is carried in a separate waterproof compartment underneath the boot floor. The tools are contained in a roll accommodated in the boot.

Jacking
By hydraulic jack enganging sockets adjacent to each wheel.

Fire Extinguisher
This steel auxiliary device is mounted below the instrument panel on the passenger's side.

General Dimensions

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<tr>
<th>General Dimensions</th>
<th>Convertible</th>
<th>Saloon</th>
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<tbody>
<tr>
<td>Wheelbase</td>
<td>8' 2&quot;</td>
<td>8' 2&quot;</td>
</tr>
<tr>
<td>Track - front</td>
<td>4' 6&quot;</td>
<td>4' 6&quot;</td>
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<tr>
<td>Track - rear</td>
<td>4' 6&quot;</td>
<td>4' 6&quot;</td>
</tr>
<tr>
<td>Overall length</td>
<td>15' 0&quot;</td>
<td>15' 0&quot;</td>
</tr>
<tr>
<td>Overall width</td>
<td>5' 6&quot;</td>
<td>5' 6&quot;</td>
</tr>
<tr>
<td>Overall height</td>
<td>4' 5&quot;</td>
<td>4' 4&quot;</td>
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<tr>
<td>Ground clearance</td>
<td>6' 6&quot;</td>
<td>6' 6&quot;</td>
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<tr>
<td>Towing capacity</td>
<td>34' 0&quot;</td>
<td>34' 0&quot;</td>
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<tr>
<td>Kerb weight</td>
<td>3,233 lbs.</td>
<td>3,233 lbs.</td>
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