1964 Aston Martin DB5 Saloon and Convertible Specifications
Engine: Six-cylinder twin overhead camshaft. Bore 96 mm (3-78 in.) Stroke 92 mm (3-62 in.) Capacity 3995 cc (244 cu. in.) Triple S.U. carburetors with air box and microfiam filter. Compression ratio 8.9:1. 282 b.h.p. net at 5,500 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 carried in seven 21 in. diameter (69.85 mm) steel backed, lead bronze bearings.

Cylinder Head and Valve Operation: Cast in alloy head and incorporating fully machined hemispherical combustion chambers. Large diameter valves inclined to 80° included angle, with exhaust valve guides in direct contact with water. Twin overhead camshafts operate the valves direct through the medium of cyanide hardened nickel molybdenum steel tappets. Camshaft driven by two-stage Duplex roller chains with manually adjusted tensioners.


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

Cooling System: Cooling by pump and thermostatically controlled electric fan. Cross-flow radiator with separate header tank.

Ignition: High efficiency coil with ballast resistor. Distributor incorporating automatic advance and vernier adjustment.

Clutch: Hydraulically operated diaphragm clutch.


Overdrive: Ratio 0.82:1. Optional extra, with four-speed gearbox.

Propeller Shaft: Needle roller bearing, dynamically balanced.


OVERALL RATIOS

Four-Speed Gearbox | Five-Speed Gearbox
---|---
Overdrive | 3.09 | Top | 3.14
Top | 3:31 | 3:54 | 3:77 | 4th | 3:77
3rd | 4:14 | 4:42 | 4:71 | 3rd | 4:64
2nd | 6:14 | 6:56 | 6:99 | 2nd | 6:64
1st | 9:67 | 10:34 | 11:01 | 1st | 10:29

Suspension: Front: Independent, incorporating transverse wishbones and ball jointed king pin. Cylindrical coil springs and large diameter telescopic shock absorbers.

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

Steering: Rack and pinion steering. 16 in. diameter (40.64 cm) wood rimmed steering wheel. Column angle adjustable.

Brakes: Girling disc front and rear, tandem master cylinder, separate suspended vacuum servos for front and rear brakes. Floor mounted handbrake lever operating on rear discs. Fluid level and handbrake warning light.

Fuel System: Tank capacity: Standard, 19 Imperial gallons (86.64 litres, 22.8 U.S. gallons); Convertible, 16 Imperial gallons (72.77 litres, 19.2 U.S. gallons). Electrically operated reserve, 3 Imperial gallons (13.6 litres, 3.6 U.S. gallons). Twin S.U. high pressure electric fuel pump.

Exhaust System: Twin pipe system with four high efficiency silencers.

Wheels and Tyres: Dunlop centre-lock wire wheels with 5j in. (13.9 cm) wide rims. 6.70 in. × 15 in. tyres.


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 fresh air to driver or passenger's side at choice. Controls arranged for the whole heater output to be used for windshield defrosting if required.


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 engaging sockets adjacent to each wheel.

GENERAL DIMENSIONS:

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<th>Convertible</th>
<th>Saloons</th>
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| Wheelbase | 8' 2" | 8' 2"
| Track: front | 4' 6" | 4' 6"
| rear | 4' 51" | 4' 51"
| Overall length | 15' 0" | 15' 0" |
| Overall width | 5' 6" | 5' 6"
| Overall height | 4' 5" | 4' 4" |
| Ground clearance | 61" | 61"
| Turning circle | 34' 0" | 34' 0"
| Kerb weight | 3,233 lb. | 3,233 lb.

ASTON MARTIN DB5
CARACTÉRISTIQUES ABRÉGÉES

Moteur: 6 cylindres, arbre à cames en tête jumelés. Carburateurs S.U. triples. Alése 96 mm, course 92 mm, cilindré 3995 cm³, compression 8.9, puissance 282 cv à 5500 tr/min, vitesse du piston 1012 m/min.


Embrayage: Borg et Beck à double disque de 228 mm, à commande hydraulique.

Boîte de Viteses: Aston Martin 4 vitesses, 1re, 2e, 3e, 4e, synchronisées. Rapports: 4e: directe, 3e: 1.25, 2e: 1.55, 1re: 2.92, marche arrière: 2.52. Overdrive (sur option) 0.62.

Alternative: 5 vitesses 1re 2e 3e 4e 5e synchronisées 5e 0.834:1 4e 1:1 3e 1:23:1 2e 1:76 1re 2:7 marche arrière 3:31:1.

ASTON MARTIN DBS KURZANGABEN


Kupplung: Borg and Beck 228 mm Doppelscheibenkupplung mit Öldruckbeteiligung.

ASTON MARTIN DBS COMPOENDBIO DEI DATI TECNICI

Motor: 6 cilindri, due alberi a camme in testa, tre carburatori SU. Alesaggio 96 mm, Corsa 92 mm, cilindrata 3995 cc, rapporto di compressione 8,9 : 1. Potenza al freno 282 B.H.P. a 5500 giri min, velocità del pistone 1012 m/min., coppia max.

Passo
Spide r 2490 mm
Coup e 2490 mm

Carreggiata: ant. 1370 mm
post 1370 mm

Lunghezza 4570 mm 4570 mm
Larghezza 1680 mm 1680 mm
Altezza 1340 mm 1340 mm
Distanza dal suolo 159 mm 159 mm
Diametro di sterzata 10 4 m 10 4 m
Peso in ordine di marcia 1470 kg 1470 kg