



5TH CATEGORY - HISTORIC RACING
GROUP S
 APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current Motorsport Australia Manual.

Make of Car:	Aston Martin	Model:	DB6 DB6 Mark 2
Period of Original Manufacture:	October 1965 – November 1970		
Motorsport Australia Historic Group:	Sb		
Date of Issue of this Document:	30/6/2022		



Update Log

30/6/2022	Document layout

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Box section with sub frames
Period of Manufacture:	October 1965 – November 1970
Manufacturer:	Aston Martin
Chassis Number From:	DB6/2531/R – DB6/3499/LC DB6/4001/R – DB6/4081 DB6MK2/4101/R – DB6MK2/4345/R
Chassis Number location:	Scuttle
Material:	Mild steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent front suspension, Twin wishbone		
Spring Medium:	Coil		
Damper Type:	Tubular	Adjustable:	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	No	Method:	N/A
Comments:	Spring rates and ride heights may be adjusted		

1.3. REAR SUSPENSION

Description:	Rigid axle. 4 link Watts linkage		
Spring Medium:	Coil		
Damper Type:	Tubular	Adjustable	No
Anti-sway bar:	No	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:	None		

1.4. STEERING

Type:	Rack and Pinion (power assist)	Make:	Aston Martin
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc	Disc
Dimensions:	292 mm x 50.8 mm	274 mm x 44.5 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	Girling	
Caliper type:	Tandem	
Material:	Cast iron	
Master cylinder make:	Girling	
Type:	Single	
Adjustable bias:	Permitted	
Servo Fitted:	Yes	
Comments:	Dual or tandem master cylinders permitted	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Aston Martin		
Model:	Standard and Vantage		
No. cylinders:	Six	Configuration:	In line
Cylinder Block-material:	Aluminium	Two/Four Stroke:	Four
Bore - Original:	96 mm	Max allowed:	97.5 mm
Stroke - original:	92 mm	Max allowed:	92 mm
Capacity - original:	3995 cc	Max allowed:	4123 cc
Identifying marks:			
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Aston Martin				
No. of valves/cylinder:	Two	Inlet:	One	Exhaust:	One
No. of ports total:	Twelve	Inlet:	Six	Exhaust:	Six
No. of camshafts:	Two	Location:	Overhead cam	Drive:	Chain
Valve actuation:	Direct				
Spark plugs/cylinder:	One				
Identifying marks:					
Comments:	None				

2.3. LUBRICATION

Method:	Wet sump	Oil tank location:	N/A
Dry sump pump type:	N/A	Location:	N/a
Oil cooler standard:	No	Location:	N/A
Comments:	None		

2.4. IGNITION SYSTEM

Type:	Points, Coil and Distributor
Make:	Lucas or Bosch
Comments	Breakerless electronic ignition permitted

2.5. FUEL SYSTEM

Carburettor Make - Standard:	SU	Model:	HD8
Carburettor Make - Vantage:	Weber	Model:	C40DD47
Carburettor Number:	Three		
Size:			
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Borg and Beck
Type:	Diaphragm
Diameter:	267 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	5 speed synchromesh
Make:	ZF
Gearbox location:	Behind engine
No. forward speeds:	Five
Gearchange type and location:	Central floor
Case material:	Aluminium
Identifying marks:	N/A
Comments:	Available with Borg Warner automatic

3.3. FINAL DRIVE

Make:	Aston Martin	Model:	Power Lok
Ratios:	Various		
Differential type:	Spin resistant		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	One
Location:	Gearbox to final drive
Description:	Tubular shaft with Hardie Spicer type universal joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Wire	Material - Original:	Steel
Wheel type - Allowed:	Period alloy	Material - Allowed:	Period alloy
Fixture method:	Central hub	No. studs:	One
Wheel dia. & rim width	FRONT		REAR
Original:	6" x 15"		6" x 15"
Allowed	6" x 15"		6" x 15"
Tyre Section:			
Original:			
Allowed:	215 x 15"		215 x 15"
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Refer approved tyre list.		

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SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Behind rear seat	Capacity:	86.4 litres
Fuel pump, type:	Electrical	Make:	SU
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Alternator
Battery Location:	Boot		
Comments:	None		

4.3. BODYWORK

Type:	Coupe	Material:	Alloy
No. of seats:	Two	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1380 mm	Rear:	1380 mm
Wheelbase:	2585 mm	Overall length:	4620 mm
Dry weight:	960 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix
Dashboard layout

