

CAMS

5TH CATEGORY - HISTORIC RACING

GROUP Nb

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 CAMS Manual of Motor Sport.

Make of Car: Austin 1800 Model: MK1

Period of Original Manufacture: 1964 - 1967

CAMS Historic Group: Nb

Date of Issue of this Document: 16th December 1999



SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description:	Unitary Construction	Period of Manufacture:
Manufacturer:	British Motor Corporation	1964 - 1967
Chassis no. from:		
Chassis no. location:		
Material:	Steel	
Comments:		

1.2 FRONT SUSPENSION

Description:	Independent		
Spring medium:	Hydrostatic		
Damper Type:	Hydrostatic	Adjustable:	N/A
Anti-sway bar:	Not Fitted	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:			

1.3 REAR SUSPENSION

Description:	Independent		
Spring medium:	Hydrostatic		
Dampertype:	Hydrostatic	Adjustable:	N/A
Anti-sway bar:	Not Fitted	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:			

1.4 STEERING

Type:	Rack & Pinion	Make:	BMC
Comments:			

1.5 BRAKES

Type:	Front Disc	Rear	Drum
Dimensions:	236mm		229mm
Material of drum/disc	Cast Iron		Cast Iron
No. cylinders/pots per wheel:	2		2
Actuation:	Hydraulic		Hydraulic
Caliper: Make, Material, Type:	Girling - Cast Iron		
Master cylinder make:	PBR	Type:	Tandem
Adjustable bias	No		
Servo Fitted	Yes		
Comments:	Twin Circuit Permitted - Servo may be Deleted		

SECTION 2 - ENGINE

2.1 ENGINE

Make:	BMC		
Model:	1800		
No. cylinders:	4	Configuration:	In Line (Transverse)
Cylinder Block-material:	Cast Iron	Four Stroke	
Bore - original:	80.26mm	Max. allowed:	81.76mm
Stroke - original:	88.9mm	Max. allowed:	88.9mm
Capacity - original:	1798cc	Max. allowed:	1866cc
Cooling method:	Water		
Identifying marks:	18YE		
COMMENTS:			

2.2 CYLINDER HEAD

Make:	BMC				
No. of valves/cylinder-		Inlet:	1	Exhaust:	1
No. of ports total:	5	Inlet:	2	Exhaust:	3
No. of camshafts:	1	Location:	Block	Drive:	Chain
Valve actuation:		Pushrod			
Spark plugs/cylinder:	1				
Identifying marks:					
COMMENTS:					

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:			

2.4 IGNITION SYSTEM

Type:	Coil & Distributor
Make:	Lucas
COMMENTS:	

2.5 FUEL SYSTEM

Carburettor: Make:	SU	Model :	HS4	Size:1-1/2 Inch
Size :		Model :		
Fuel injection Make:	N/A	Type:		
Supercharged:	N/A	Type:		
COMMENTS:				

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Various Type: Diaphragm Diameter:
No. of Plates: 1
Actuation: Hydraulic
Comments:

3.2 TRANSMISSION

Type: FWD
Make: BMC Model: 1800
No. forward speeds: 4 Gearbox location: Integral with Engine
Gearchange type and location: Central
Case material: Identifying marks:
Comments:

3.3 FINAL DRIVE

Make: BMC Model: 1800
Wheel drive method: Front
Ratios: Various
Differential: Free Type:
Comments:

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 2 Location: Transmission to Front Wheels
Description: Individual Driveshafts with C/V Joints
Comments:

3.5 WHEELS & TYRES

Wheel type:	Original:	Steel	Material:	Original:	Steel
	Allowed:	Alloy		Allowed:	Alloy (Period)
Fixture method:		Bolt On	No. studs:	5 Studs	
				FRONT	REAR
Wheel dia. & rim width					
	Original:	4.5x13		4.5x13	
	Allowed:	5.5x13		5.5x13	
Tyre section:					
	Original:	175x13		175x13	
	Allowed:	205x13		205x13	
Aspect ratio - minimum:		60%		60%	
Comments:					

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Rear Capacity:
Fuel pump, type and location: Make:
Comments:

4.2 ELECTRICAL SYSTEM

Voltage: 12 Alternator fitted:
Battery Location: Engine Compartment
Comments:

4.3 BODYWORK

Type: 4 Door Saloon Material: Steel
No. of seats: 5 No. doors: 4
Comments:

4.4 DIMENSIONS

Track - Front: 1422 mm Rear: 1410 mm
Wheelbase: 2695 mm Overall length: 4170 mm
Dry weight: 1150 Kg
Comments:

4.5 SAFETY EQUIPMENT

Fire extinguisher required
Seat belt required
Rollbar required
Electrical cut off switch required
Safety fuel tank optional