

CAMS

5TH CATEGORY - HISTORIC RACING

GROUP Nb

APPROVED VEHICLE SPECIFICATION

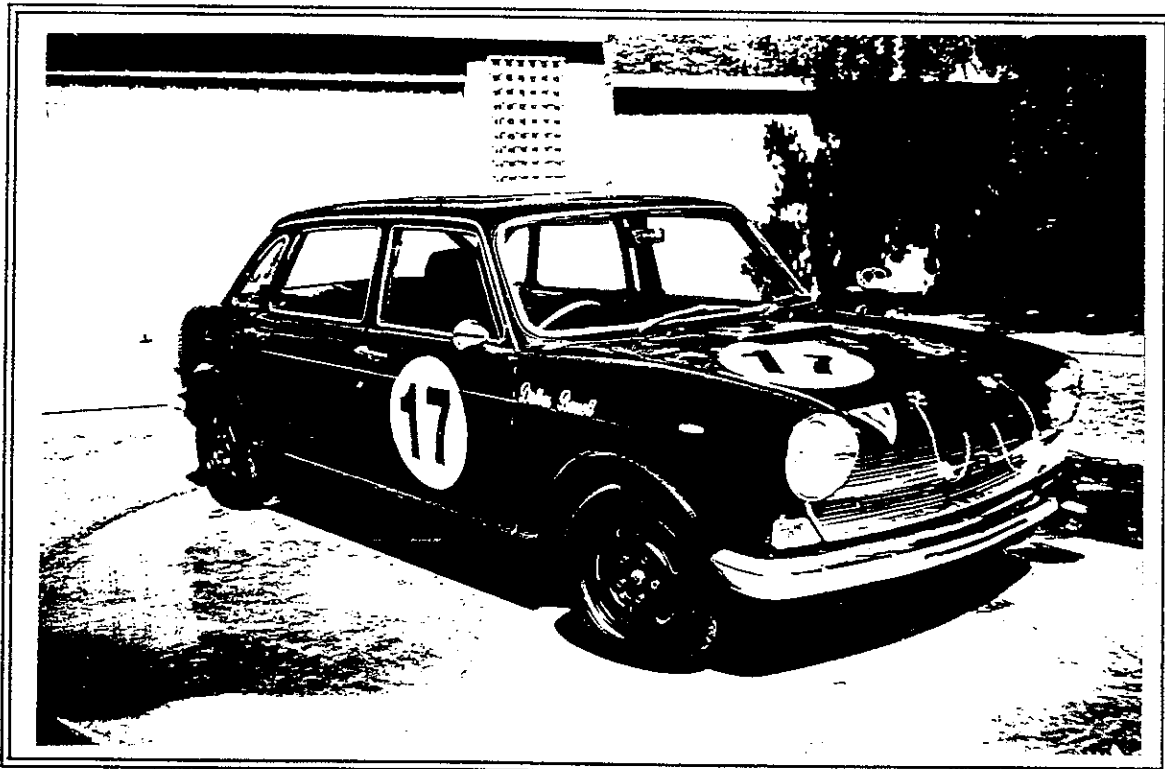
This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the 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
Manufacturer: British Motor Corporation
Chassis no. from:
Chassis no. location:
Material: Steel
Comments: Period of Manufacture: 1964 - 1967

1.2 FRONT SUSPENSION

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

1.3 REAR SUSPENSION

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

1.4 STEERING

Type: Rack & Pinion
Comments: Make: BMC

1.5 BRAKES

	Front	Rear
Type:	Disc	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
		Model :		
Size :				
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

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