



5TH CATEGORY - HISTORIC RACING
GROUP N
 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:	Austin	Model:	1800 – Mark 1
Period of Original Manufacture:	1964 – 1967		
Motorsport Australia Historic Group:	Nb		
Date of Issue of this Document:	1 January 2024		



Refer to The *Manual*, Historic Appendix, Vehicle Eligibility, General Requirements & Historic Touring Cars Group N Regulations for permitted modifications.

Update Log

1/1/2024	Inclusion of kerb and minimum racing weights

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Uni-body
Period of Manufacture:	1964 – 1967
Manufacturer:	British Motor Corporation
Chassis Number From:	YHS****
Chassis Number location:	Compliance plate 18Y*TaH****
Material:	Steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent		
Spring Medium:	Hydrolastic		
Damper Type:	Hydrolastic	Adjustable:	N/A
Anti-sway bar:	No	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:	None		

1.3. REAR SUSPENSION

Description:	Independent		
Spring Medium:	Hydrolastic		
Damper Type:	Hydrolastic	Adjustable:	N/A
Anti-sway bar:	No	Adjustable:	No
Suspension adjustable:	No	Method:	N/A
Comments:	None		

1.4. STEERING

Type:	Rack and pinion	Make:	BMC
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc, solid	Drum
Dimensions:	236 mm x 12.5 mm	229 mm x 45 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	Girling	
Caliper type:	Sliding	
Material:	Cast iron	
Master cylinder make:	PBR	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	BMC		
Model:	1800		
No. cylinders:	Four	Configuration:	In-line (transverse)
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore - Original:	80.26 mm	Max allowed:	81.76 mm
Stroke - original:	88.9 mm	Max allowed:	88.9 mm
Capacity - original:	1798 cc	Max allowed:	1866 cc
Identifying marks:	18YE		
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	BMC		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Five	Inlet: Four	Exhaust: Four
No. of camshafts:	One	Location: Block	Drive: Chain
Valve actuation:	Pushrod and rockers		
Spark plugs/cylinder:	One		
Identifying marks:	"18H" On top of the head next to the rear stud		
Comments:	none		

2.1. LUBRICATION

Method:	Wet sump	Oil tank location:	N/A
Dry sump pump type:	N/A	Location:	N/A
Oil cooler standard:	Fitted	Location:	Behind grille
Comments:	None		

2.2. IGNITION SYSTEM

Type:	Points, coil & distributor		
Make:	Lucas		
Comments	Breakerless electronic ignition permitted		

2.3. FUEL SYSTEM

Carburettor Make:	SU	Model:	HS4
Carburettor Number:	One		
Size:	1 ½"		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Various
Type:	Diaphragm
Diameter:	184 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh
Make:	BMC
Gearbox location:	Below engine
No. forward speeds:	Four
Gearchange type and location:	H pattern floor mounted
Case material:	Alloy
Identifying marks:	N/A
Comments:	None

3.3. FINAL DRIVE

Make:	BMC	Model:	1800
Type:	Combined as transaxle		
Wheel drive method:	Front		
Ratios:	Various		
Differential type:	Free/open		
Comments:	None		

3.1. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transmission to front wheels
Description:	Halfshafts with CV joints
Comments:	None

3.2. WHEELS & TYRES

Wheel type - Original:	Pressed disc	Material - Original:	Steel
Wheel type - Allowed:	Steel Alloy (period style)	Material - Allowed:	Steel Alloy
Fixture method:	Bolt on	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	4.5" x 10"		4.5" x 10"
Allowed	5.5" x 10"		5.5" x 10"
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Boot	Capacity:	48 litres
Fuel pump, type:	Electric	Make:	SU AUF 703
Comments:			

4.2. ELECTRICAL SYSTEM

Voltage:	12	Alternator fitted:	Generator
Battery Location:	Boot		
Comments:	None		

4.3. BODYWORK

Type:	Closed touring	Material:	Steel
No. of seats:	Five	No. doors:	Flour
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1422 mm	Rear:	1410 mm
Wheelbase:	2695 mm	Overall length:	4170 mm
Approved Manufacturer's kerb weight:	1143 kg		
Approved minimum racing weight:	1120 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix