



**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.

<b>Make of Car:</b>	Austin	<b>Model:</b>	1800 – Mark 1
<b>Period of Original Manufacture:</b>	1964 – 1967		
<b>Motorsport Australia Historic Group:</b>	Nb		
<b>Date of Issue of this Document:</b>	1 January 2024		



Refer to Motorsport Australia Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc 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	228.6 mm x 38.1 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

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

### 2.2. CYLINDER HEAD

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

### 2.1. LUBRICATION

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

### 2.2. IGNITION SYSTEM

<b>Type:</b>	Points, coil & distributor		
<b>Make:</b>	Lucas		
<b>Comments</b>	Breakerless electronic ignition permitted		

### 2.3. FUEL SYSTEM

<b>Carburettor Make:</b>	SU	<b>Model:</b>	HS4
<b>Carburettor Number:</b>	One		
<b>Size:</b>	1 ½"		
<b>Fuel injection Make:</b>	N/A	<b>Type:</b>	N/A
<b>Supercharged:</b>	No	<b>Type:</b>	N/A
<b>Comments:</b>	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 13"		4.5" x 13"
Allowed	5.5" x 13"		5.5" x 13"
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

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

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	12	<b>Alternator fitted:</b>	Generator
<b>Battery Location:</b>	Boot		
<b>Comments:</b>	None		

### 4.3. BODYWORK

<b>Type:</b>	Closed touring	<b>Material:</b>	Steel
<b>No. of seats:</b>	Five	<b>No. doors:</b>	Four
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

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

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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