



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>	29 September 2021		



Refer to Motorsport Australia Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc Regulations for permitted modifications.

***Update Log***


**SECTION 1 - CHASSIS**

**1.1. CHASSIS**

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

**1.2. FRONT SUSPENSION**

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

**1.3. REAR SUSPENSION**

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

**1.4. STEERING**

<b>Type:</b>	Rack and pinion	<b>Make:</b>	BMC
<b>Comments</b>	None		

**1.5. BRAKES**

	<b>Front</b>	<b>Rear</b>
<b>Type:</b>	Disc, solid	Drum
<b>Dimensions:</b>	236 mm x 12.5 mm	229 mm x 45 mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	Two	Two
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper make:</b>	Girling	
<b>Caliper type:</b>	Sliding	
<b>Material:</b>	Cast iron	
<b>Master cylinder make:</b>	PBR	
<b>Type:</b>	Tandem	
<b>Adjustable bias:</b>	No	
<b>Servo Fitted:</b>	Yes	
<b>Comments:</b>	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> Two	<b>Exhaust:</b> Three
<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**

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

**3.2. TRANSMISSION**

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

**3.3. FINAL DRIVE**

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

**3.1. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	Two
<b>Location:</b>	Transmission to front wheels
<b>Description:</b>	Halfshafts with CV joints
<b>Comments:</b>	None

**3.2. WHEELS & TYRES**

<b>Wheel type - Original:</b>	Pressed disc	<b>Material - Original:</b>	Steel
<b>Wheel type - Allowed:</b>	Steel Alloy (period style)	<b>Material - Allowed:</b>	Steel Alloy
<b>Fixture method:</b>	Bolt on	<b>No. studs:</b>	Five
<b>Wheel dia. &amp; rim width</b>	<b>FRONT</b>		<b>REAR</b>
<b>Original:</b>	4.5" x 10"		4.5" x 10"
<b>Allowed</b>	5.5" x 10"		5.5" x 10"
<b>Tyre Section:</b>			
<b>Allowed:</b>	Refer approved tyre list.		
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	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>	Flour
<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>Dry weight:</b>	1150 kg		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix**