



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>	Leyland	<b>Model:</b>	Clubman GT
<b>Period of Original Manufacture:</b>	1970 – 1973		
<b>Motorsport Australia Historic Group:</b>	Nc		
<b>Date of Issue of this Document:</b>	1 January 2024		
<b>Comments</b>	Any Clubman/Leyland Australian body permitted with wind up windows.		



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

<b>Description:</b>	Uni – body
<b>Period of Manufacture:</b>	1970 - EOP
<b>Manufacturer:</b>	Leyland Motor Corporation of Australia Ltd
<b>Chassis Number From:</b>	YKG2S8
<b>Chassis Number location:</b>	Various
<b>Material:</b>	Steel
<b>Comments</b>	None

### 1.2. FRONT SUSPENSION

<b>Description:</b>	Independent, – upper link and lower wishbone.		
<b>Spring Medium:</b>	Hydrolastic		
<b>Damper Type:</b>	None	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	None	<b>Adjustable:</b>	No
<b>Suspension adjustable:</b>	No	<b>Method:</b>	N/A
<b>Comments:</b>	Threaded castor bars permitted.		

### 1.3. REAR SUSPENSION

<b>Description:</b>	Trailing Link		
<b>Spring Medium:</b>	Hydrolastic		
<b>Damper Type:</b>	None	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	None	<b>Adjustable:</b>	No
<b>Suspension adjustable:</b>	No	<b>Method:</b>	N/A
<b>Comments:</b>	Adjustable camber brackets and slotted pivot hole permitted		

### 1.4. STEERING

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

### 1.5. BRAKES

	Front	Rear
<b>Type:</b>	Disc, solid	Drum, single leading shoe
<b>Dimensions:</b>	190.5 mm x 9.4 mm	178 mm x 31.75 mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	Two	One
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper make:</b>	Lockheed	
<b>Caliper type:</b>	Fixed	
<b>Material:</b>	Cast iron	
<b>Master cylinder make:</b>	Various	
<b>Type:</b>	Tandem	
<b>Adjustable bias:</b>	No	
<b>Servo Fitted:</b>	Yes - PBR VH44	
<b>Comments:</b>	None	

## SECTION 2 - ENGINE

### 2.1. ENGINE

<b>Make:</b>	Leyland		
<b>Model:</b>	"A" Series		
<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>	70.61 mm	<b>Max allowed:</b>	72.11 mm
<b>Stroke - original:</b>	81.28 mm	<b>Max allowed:</b>	81.28 mm
<b>Capacity - original:</b>	1273 cc	<b>Max allowed:</b>	1328 cc*
<b>Identifying marks:</b>	Serial number 1200, 1206 or 1208		
<b>Cooling method:</b>	Liquid		
<b>Comments:</b>	Belt drive of camshaft permitted when retained within original chain cover. * Original stroke only. With reduced stroke, the bore is free and the max capacity is 1300 cc		

### 2.2. CYLINDER HEAD

<b>Make:</b>	Leyland		
<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>	AEG163 or 12G940, Eleven studs		
<b>Comments:</b>	Compared with the other "A" series heads, the Cooper head has two additional studs (11 as against 9), the additional being a 5/16" stud adjacent to the thermostat housing and a 3/8" at the rear of the head. Note tooth belt camshaft drive is permitted subject to enclosure within the original timing chain case.		

### 2.3. 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		

### 2.4. IGNITION SYSTEM

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

### 2.5. FUEL SYSTEM

<b>Carburettor Make:</b>	SU	<b>Model:</b>	HS2 or HS4
<b>Carburettor Number:</b>	Two		
<b>Size:</b>	1 ¼"		
<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>	Free
<b>Type:</b>	Diaphragm
<b>Diameter:</b>	185 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>	22G1128
<b>Comments:</b>	Gearbox part numbers must be 22G1128. Non synchromesh internals (dog box) allowed.

**3.3. FINAL DRIVE**

<b>Make:</b>	Leyland	<b>Model:</b>	N/A
<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		

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	Two
<b>Location:</b>	Transaxle
<b>Description:</b>	Halfshaft with Hardy-Spicer universal joints
<b>Comments:</b>	None

**3.5. 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>	Studs	<b>No. studs:</b>	Four
<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>	6" x 10"		6" 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, LHR and RHR Quarter panel	<b>Capacity:</b>	50 litres
<b>Fuel pump, type:</b>	Electric	<b>Make:</b>	Various/Free
<b>Comments:</b>	None		

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	12	<b>Alternator fitted:</b>	Alternator
<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>	Four	<b>No. doors:</b>	Two
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1250 mm	<b>Rear:</b>	1210.5 mm
<b>Wheelbase:</b>	2032 mm	<b>Overall length:</b>	3181 mm
<b>Approved Manufacturer's kerb weight:</b>	680 kgs		
<b>Approved minimum racing weight:</b>	660 kgs		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix A**