



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:	Leyland	Model:	Clubman GT
Period of Original Manufacture:	1970 – 1973		
Motorsport Australia Historic Group:	Nc		
Date of Issue of this Document:	17 July 2024		
Comments	Any Clubman/Leyland Australian body permitted with wind up windows.		



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
19/07/2024	Timing cover clarification

SECTION 1 - CHASSIS

1.1. CHASSIS

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

1.2. FRONT SUSPENSION

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

1.3. REAR SUSPENSION

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

1.4. STEERING

Type:	Rack and pinion	Make:	Leyland
Comments	None		

1.5. BRAKES

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

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Leyland		
Model:	"A" Series		
No. cylinders:	Four	Configuration:	In-line (transverse)
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore - Original:	70.61 mm	Max allowed:	72.11 mm
Stroke - original:	81.28 mm	Max allowed:	81.28 mm
Capacity - original:	1273 cc	Max allowed:	1328 cc*
Identifying marks:	Serial number 1200, 1206 or 1208		
Cooling method:	Liquid		
Comments:	<ul style="list-style-type: none"> * Note 1 - if the original type of camshaft drive is changed, a timing cover is mandatory. * Note 2: - Original stroke only. With reduced stroke, the bore is free and the max capacity is 1300 cc 		

2.2. CYLINDER HEAD

Make:	Leyland		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Five	Inlet: Two	Exhaust: Three
No. of camshafts:	One	Location: Block	Drive: Chain
Valve actuation:	Pushrod and rockers		
Spark plugs/cylinder:	One		
Identifying marks:	AEG163 or 12G940, Eleven studs		
Comments:	<p>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.</p> <p>Note: - if the original type of camshaft drive is changed, a timing cover is mandatory.</p>		

2.3. 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		

2.4. IGNITION SYSTEM

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

2.5. FUEL SYSTEM

Carburettor Make:	SU	Model:	HS2 or HS4
Carburettor Number:	Two		
Size:	1 ¼"		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Free
Type:	Diaphragm
Diameter:	185 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:	22G1128
Comments:	Gearbox part numbers must be 22G1128. Non synchromesh internals (dog box) allowed.

3.3. FINAL DRIVE

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

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transaxle
Description:	Halfshaft with Hardy-Spicer universal joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Pressed disc	Material - Original:	Steel
Wheel type - Allowed:	Steel Alloy (period style)	Material - Allowed:	Steel Alloy
Fixture method:	Studs	No. studs:	Four
Wheel dia. & rim width	FRONT		REAR
Original:	4.5" x 10"		4.5" x 10"
Allowed	6" x 10"		6" 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, LHR and RHR Quarter panel	Capacity:	50 litres
Fuel pump, type:	Electric	Make:	Various/Free
Comments:	None		

4.2. ELECTRICAL SYSTEM

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

4.3. BODYWORK

Type:	Closed touring	Material:	Steel
No. of seats:	Four	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

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

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix A