



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:	Renault	Model:	R8 Gordini
Period of Original Manufacture:	1963 – 1967 – 1100 (R1134) 1965 – 1968 1300 (R1135)		
Motorsport Australia Historic Group:	Nc		
Date of Issue of this Document:	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

Description:	Unitary construction		
Period of Manufacture:	1963 – 1967 – 1100 (R1134) 1965 – 1968 1300 (R1135)		
Manufacturer:	Renault		
Chassis Number From:	N/A		
Chassis Number location:	Front compartment on firewall		
Material:	Steel		
Comments	None		

1.2. FRONT SUSPENSION

Description:	Independent - upper and lower wishbones		
Spring Medium:	Coil		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Fitted	Adjustable:	No
Suspension adjustable:	Yes	Method:	Caster, camber and toe
Comments:	None		

1.3. REAR SUSPENSION

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

1.4. STEERING

Type:	Rack and pinion	Make:	Renault
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc, solid	Disc, solid
Dimensions:	261 mm x 40 mm	261 mm x 40 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	One	One
Actuation:	Hydraulic	Hydraulic
Caliper make:	Renault	
Caliper type:	Sliding	
Material:	Alloy	
Master cylinder make:	Renault	
Type:	Single	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Renault		
Model:	R8 1100 R8 1300		
No. cylinders:	Four	Configuration:	In line
Cylinder Block-material:	Cast iron	Two/Four Stroke:	Four
Bore – Original - 1100:	70 mm	Max allowed:	71.5 mm
Stroke – original - 1100:	72 mm	Max allowed:	72 mm
Capacity – original – 1100:	1100 cc	Max allowed:	1155 cc
Bore – Original - 1300:	75.8 mm	Max allowed:	77.3 mm
Stroke – original - 1300:	72 mm	Max allowed:	72 mm
Capacity – original - 1300:	1300 cc	Max allowed:	1350 cc
Identifying marks:	N/A		
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Renault		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Eight	Inlet: Four	Exhaust: Four
No. of camshafts:	One	Location: Block	Drive: Chain
Valve actuation:	Pushrod and rocker		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	None		

2.3. LUBRICATION

Method:	Wet sump	Oil tank location:	N/A
Dry sump pump type:	N/A	Location:	N/A
Oil cooler standard:	Yes	Location:	Engine compartment
Comments:	None		

2.4. IGNITION SYSTEM

Type:	Points, coil and distributor		
Make:	Ducellier		
Comments	Breakerless electronic ignition permitted		

2.5. FUEL SYSTEM

Carburettor Make:	Weber	Model:	DCOE
Carburettor Number:	Two		
Size:	40 mm		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Renault
Type:	Dry plate
Diameter:	250 mm
No. of Plates:	One
Actuation:	Mechanical – cable
Comments:	None

3.2. TRANSMISSION

Type:	Transaxle
Make:	Renault R8
Gearbox location:	Rear
No. forward speeds:	Four - R1134 Five – R1135
Gearchange type and location:	Floor -remote
Case material:	Alloy
Identifying marks:	N/A
Comments:	

3.3. FINAL DRIVE

Make:	Renault	Model:	R8
Type:	Gearbox, differential and bevel gear are housed in a single aluminium alloy casing.		
Ratios:	3.77:1, 4.57:1		
Differential type:	LSD		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transaxle to rear wheels
Description:	Individual driveshafts with universal and C/V 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:	Bolt on	No. studs:	Three
Wheel dia. & rim width	FRONT		REAR
Original:	3.5" x 15"		3.5" x 15"
Allowed	6" x 15"		6" x 15"
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:	Front and rear	Capacity:	Front – 42 litres Rear – 40 litres
Fuel pump, type:	Engine block	Make:	Renault
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	12	Alternator fitted:	Alternator
Battery Location:	Front left side wheel arch		
Comments:	None		

4.3. BODYWORK

Type:	Sedan	Material:	Steel
No. of seats:	Four	No. doors:	Four
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1256 mm	Rear:	1256 mm
Wheelbase:	2270 mm	Overall length:	3995 mm
Dry weight:	1100 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix