

CAMS

5TH CATEGORY - HISTORIC RACING

GROUP Nc

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 CAMS Manual of Motor Sport.

Make of Car: Renault **Model:** R8 Gordini

Period of Original Manufacture: 1963 – 1967 – 1100 (R1134)
1965 – 1968 – 1300 (R1135)

CAMS Historic Group: Nc

Date of Issue of this Document: 12th October 2000



This form was issued without alteration or erasure.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary Construction **Period of Manufacture:**
1963 – 1967 (R1134)
1965 – 1968 (R1135)

Manufacturer: Renault

Chassis no. from:

Chassis no. location: Front Compartment on Fire Wall

Material: Steel

Comments:

1.2 FRONT SUSPENSION

Description: Independent – Upper & Lower Wishbone

Spring medium: Coil

Damper Type: Telescopic **Adjustable:** No

Anti-sway bar: Fitted **Adjustable:** No

Suspension adjustable: No **Method:**

Comments: Spring Rates & Ride Height Free

1.3 REAR SUSPENSION

Description: Independent – Swing Axles

Spring medium: Coil

Damper type: Telescopic **Adjustable:** No

Anti-sway bar: Not Fitted **Adjustable:** N/A

Suspension adjustable: No **Method:**

Comments: Spring Rates & Ride Height Free

1.4 STEERING

Type: Rack & Pinion **Make:** Renault

Comments: None

1.5 BRAKES

	Front	Rear
Type:	Disc	Disc
Dimensions:	261 mm	261 mm
Material of drum/disc	Cast iron	Cast iron
No. cylinders/pots per wheel:	1	1
Actuation:	Hydraulic	Hydraulic
Caliper: Make, Material, Type:	Renault - Alloy	
Master cylinder make:	Renault	Type: Single
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	Tandem/Dual Master Cylinders may be fitted.	

SECTION 2 - ENGINE

2.1 ENGINE

Make:	Renault				
Model:	R8 1100/R8 1300				
No. cylinders:	4		Configuration:	In Line	
Cylinder Block-material:	Cast Iron		Four Stroke		
Bore - Original:	70 mm	75.8 mm	Max. allowed:	71.5 mm	77.3mm
Stroke - original:	72 mm	72 mm	Max. allowed:	72 mm	72 mm
Capacity - original:	1100 cc	1300cc	Max. allowed:	1155cc	1350cc
Cooling method:	Water				
Identifying marks:					
Comments:					

2.2 CYLINDER HEAD

Make:	Renault				
No. of valves/cylinder-		Inlet:	1	Exhaust:	1
No. of ports total:	8	Inlet:	4	Exhaust:	4
No. of camshafts:	1	Location:	Block	Drive:	Chain
Valve actuation:	Pushrod				
Spark plugs/cylinder:	1				
Identifying marks:					
Comments:					

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 Firewall
Comments:			

2.4 IGNITION SYSTEM

Type:	Coil & Distributor
Make:	Ducellier
Comments:	

2.5 FUEL SYSTEM

Carburettor: Make:	Weber	Model:	DCOE	Size:	40 mm
No.	2				
Fuel injection Make:	N/A	Type:			
Supercharged:	N/A	Type:			
Comments	Choke size free				

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Renault **Type:** Dry Plate **Diameter:** 250 mm
No. of Plates: 1
Actuation: Cable
Comments: Clutch Free.

3.2 TRANSMISSION

Type: Transaxle
Make: Renault **Model:** R8
No. forward speeds: 4 or 5 **Gearbox location:** Rear
Gearchange type and location: Floor - Remote
Case material: Alloy **Identifying marks:**
Comments: R1134- 4 speed. R1135- 5 speed

3.3 FINAL DRIVE

Make: Renault **Model:** R8
Wheel drive method: Rear
Ratios: Various
Differential: Free **Type:**
Comments: Limited Slip Differential permitted.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 2 **Location:** Transaxle to Rear Wheels

Description: Individual Driveshafts with Universal and C/V Joints
Comments:

3.5 WHEELS & TYRES

Wheel type: Original:	Pressed Steel	Material: Original:	Steel
Allowed:	Period Alloy	Allowed:	Steel or Alloy
Fixture method:	Bolt On	No. studs:	3
	FRONT		REAR
Wheel dia. & rim width			
Original:	3.5 x 15		3.5 x 15
Allowed	6 x 15		6 x 15
Tyre Section:			
Original:	145 x 15		145 x 15
Allowed	185 x 15		185 x 15
Aspect ratio - minimum:	60% (Min)		60% (Min)
Comments:			

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Front & Rear **Capacity:** 82 Litres (Front Original 42 Lt – Rear Original 40 Lt)
Fuel pump, type and location: Engine Block **Make:** Renault
Comments:

4.2 ELECTRICAL SYSTEM

Voltage: 12 **Alternator fitted**
Battery Location: Front/Left Side Wheel Arch
Comments:

4.3 BODYWORK

Type: Four Door Sedan **Material:** Steel
No. of seats: 4 **No. doors:** 4
Comments:

4.4 DIMENSIONS

Track - Front: 1256 mm **Rear:** 1256 mm
Wheelbase: 2270 mm **Overall length:** 3995 mm
Dry weight: 1100 Kg
Comments:

4.5 SAFETY EQUIPMENT

Fire extinguisher required **Type fitted and location:**
Seat belt required **Type and make fitted:**
Rollbar optional/required
Electrical cut off switch required
Safety fuel tank optional/required

RP:Renault R8 Gordini