



5TH CATEGORY - HISTORIC RACING

GROUP Sc

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:	Alpine-Renault	Model:	A310 V6
Period of Original Manufacture:	1976-1984		
CAMS Historic Group:	Sc		
Date of issue of this document:	22/9/10		



CHASSIS

1.1 CHASSIS FRAME

Description: Steel frame **Period of Manufacture:** 1976-1984
Manufacturer: Societe des Automobiles Alpine Renault
Chassis no. from: 43015 thru 52093
Chassis no. location: Front left chassis rail
Material: Steel
Comments:

1.2 FRONT SUSPENSION

Description: Independent upper and lower wishbones
Spring medium: Coil
Damper Type: Telescopic **Adjustable:** No
Anti-sway bar: Yes **Adjustable:** No
Suspension adjustable: Yes **Method:** Camber/caster
Comments:

1.3 REAR SUSPENSION

Description: Independent upper and lower wishbones
Spring medium: Coil
Damper type: Telescopic **Adjustable:** No
Anti-sway bar: Yes **Adjustable:** No
Suspension adjustable: Yes **Method:** Toe in only
Comments:

1.4 STEERING

Type: Rack & pinion **Make:** Renault
Comments:

1.5 BRAKES

	Front	Rear
Type:	Disc, vented	Disc, solid
Dimensions:	?	?
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	1	1
Actuation:	Hydraulic	Hydraulic
Caliper Make, Material, Type:	DBR	DBR
Master cylinder make:	DBR	Type: Twin
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:		

SECTION 2 - ENGINE

2.1 ENGINE

Make: Renault/Volvo/Peugeot
Model: 2700VA
No. cylinders: 6 **Configuration:** Vee – 90 degree
Cylinder block material: Alloy **Two/Four Stroke:** 4
Bore - Original: 88.0 **Max. allowed:** 89.5
Stroke - original: 73.0 **Max. allowed:** 73.0
Capacity - original: 2664cm³ **Max. allowed:**
Cooling method: Water
Identifying marks: Timing cover and block LHS 112.7.xxxx (xxxx = engine number)
Comments:

2.2 CYLINDER HEAD

Make: Renault/Volvo/Peugeot
No. of valves/cylinder: **Inlet:** 1 **Exhaust:** 1
No. of ports total: **Inlet:** 1 **Exhaust:** 1
No. of camshafts: 2 **Location:** Overhead **Drive:** Chain
Valve actuation: Rockers
Spark plugs/cylinder: 1
Identifying marks:
Comments:

2.3 LUBRICATION

Method: Oil pump by chain drive **Oil tank location:** In sump
Dry sump pump type: - **Location:** -
Oil cooler standard: No **Location:** -
Comments: Oil cooler fitted in engine bay

2.4 IGNITION SYSTEM

Type: Breaker points (2 sets) and twin coils
Make: Ducellier
Comments:

2.5 FUEL SYSTEM

Carburettor Make: Solex **Model:** 35 CFEI T 34TB/A
Fuel injection Make: - **Type:**
Supercharged: **Type:**
Comments:

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: DBR/Lockheed **Type:** Dry **Diameter:** 235mm
No. of Plates: 1
Actuation: Hydraulic
Comments:

3.2 TRANSMISSION

Type: 367 Transaxle
Make: Renault
No. forward speeds: 4 **Gearbox location:** Under rear seats
Gear change type and location: Floor mounted between front seats
Case material: Alloy **Identifying marks:** '367'
Comments:

3.3 FINAL DRIVE

Make: Renault **Model:** 367
Wheel drive method: Articulated drive shafts, cv joints
Ratios: 3:44:1
Differential: **Type:** Hypoid
Comments: Fitted with LSD

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: -
Description:
Comments:

3.5 WHEELS & TYRES

Wheel type - Original:	Alloy cast	Material - Original:	Alloy
Allowed:	-	Allowed:	-
Fixture method:	Studs	No. studs:	3
	FRONT		REAR
Wheel dia. & rim width -			
Original:	13 x 7		13 x 7
Allowed :	13 x 7		13 x 7
Tyre Section -			
Original:	185 x 13		205 x 13
Allowed :	205 x 13		205 x 13
Aspect ratio minimum:	60%		
Comments:			

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Front **Capacity:** 55 litres
Fuel pump type and location: Electric **Make:** Facet
Comments:

4.2 ELECTRICAL SYSTEM

Voltage: 12 **Generator/Alternator fitted:** Alternator
Battery Location: Engine
Comments:

4.3 BODYWORK

Type: Coupe **Material:** Fibreglass
No. of seats: 4 **No. doors:** 2
Comments:

4.4 DIMENSIONS

Track - Front: 1404mm **Rear:** 1430mm
Wheelbase: 2270mm **Overall length:** 4180mm
Dry weight: 980kg
Comments:

4.5 SAFETY EQUIPMENT : *Refer applicable Group Regulations*