



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 a 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: Datsun
Model: P510 (1600 & 1600 SSS)
Period of Original Manufacture: Datsun / Nissan
CAMS Historic Group: Nc
Date of issue of this document: 20 Jan 2017



Refer to CAMS Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars,
General Requirements & Nc Regulations for permitted modifications.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Uni Body of pressed & welded sheet metal
Period of Manufacture: 1968 to 1972
Manufacturer: Nissan / Datsun
Chassis no. from: P510 – 000011
Chassis no. location: Front bulkhead/firewall
Material: Steel

1.2 FRONT SUSPENSION

Description: Independent – McPherson Strut
Spring Medium: Coil
Damper Type: Telescopic **Adjustable:** No
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: Std **Method:** Caster, Camber, toe & spring height

1.3 REAR SUSPENSION

Description: Independent – Semi-trailing arm
Spring medium: Coil
Damper type: Telescopic **Adjustable:** No
Anti-sway bar: None
Suspension adjustable: Std **Method:** Caster, Camber, toe & spring height

1.4 STEERING

Type: Recirculating ball **Make:** Nissan / Datsun

1.5 BRAKES

	Front	Rear
Type:	Disc, solid	Drum
Dimensions:	232 x 10 mm	228 x 40 mm
Material:	Cast iron	Cast iron
No. cylinders/pots per wheel:	One	One
Actuation:	Hydraulic	Hydraulic
Caliper Make:	Akebono	
Caliper Type:	Sliding	
Caliper Material:	Cast iron	
Master cylinder make:	Nissan	Type: Tandem
Adjustable bias:	No	
Servo Fitted:	Yes	

SECTION 2 - ENGINE

2.1 ENGINE

Make:	Nissan	Configuration:	In line
Model:	L16	Two/Four Stroke:	Four
No. cylinders:	Four	Max. allowed:	84.5 mm
Cylinder block material:	Cast iron	Max. allowed:	73.66 mm
Bore - Original:	83.0 mm	Max. allowed:	1652 cc
Stroke - original:	73.66 mm		
Capacity - original:	1594 cc		
Cooling method:	Liquid		
Identifying marks:	N/A		

2.2 CYLINDER HEAD

Make:	Nissan	Inlet:	One	Exhaust:	One
No. of valves/cylinder:	Two	Inlet:	Four	Exhaust:	Four
No. of ports total:	Eight	Location:	Head	Drive:	Chain
No. of camshafts:	One				
Valve actuation:	Finger				
Spark plugs/cylinder:	One				
Identifying marks:	N/A				

2.3 LUBRICATION

Method:	Wet sump
Oil cooler standard:	No
Comments:	

2.4 IGNITION SYSTEM

Type:	Points, coil & distributor
Make:	Hitachi or Lucas

2.5 FUEL SYSTEM

Carburettor Make:	Hitachi	Model:	DAF328, HJL38W for SSS model
Carburettor number:	One Two for SSS	Size:	28/32 mm 38 mm for SSS
Comments:			

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Various
Type: Diaphragm
Diameter: 200 mm
Actuation: Hydraulic
No. of Plates: One

3.2 TRANSMISSION

Type: Synchromesh
Make: Nissan
No. forward speeds: Four, SSS has five
Gearbox location: Behind engine
Gear change type and location: Floor – remote
Case material: Aluminium
Comments: Five speed gearbox from a Datsun Sport 2000 SR311 (standard H pattern or dog leg first gear position) up to 1969 chassis number 030001 is the accepted unit for SSS (Bell housing change required)

3.3 FINAL DRIVE

Make: Nissan
Model: R180
Type: Sprung unit
Wheel drive method: Rear
Ratios: Various
Differential type: Free / open

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: Three
Description: One open tail shaft, two halfshafts with twin Hooke's joints

3.5 WHEELS & TYRES

Wheel type - Original:	Pressed disc	Material - Original:	Steel
Allowed:	Cast	Allowed:	Aluminium alloy
Fixture method:	Nuts	No. studs:	Four
Wheel dia. & rim width:	FRONT	REAR	
Original:	4 x 13 inch	4 x 13 inch	
Allowed:	7 x 13 inch	7 x 13 inch	
Tyres original:	165 – 13	165 – 13	
Tyres allowed:	60% minimum aspect ratio, refer approved tyre list.		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:	Boot area	Capacity:	46 litres
Fuel pump type and location:	Mechanical / engine	Make:	Various

4.2 ELECTRICAL SYSTEM

Voltage:	12	Alternator:	Fitted
Battery Location:	Engine bay		
Comments:			

4.3 BODYWORK

Type:	Four door	Material:	Steel
No. of seats:	Four	No. doors:	Four
Comments:	SSS vehicles to be compliant to SSS specification. External emblems & internal trim to be correct.		

4.4 DIMENSIONS

Track - Front:	1280 mm	Rear:	1280 mm
Wheelbase:	2420 mm	Overall length:	4070 mm
Dry weight:	875 kg		

4.5 SAFETY EQUIPMENT

Refer applicable Group Regulations