

GROUP ND

TOURING CARS 1973 - 1984

5TH CATEGORY -HISTORIC RACING
GROUP N
DRAFT 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	Datsun/Nissan	Model	Bluebird P910 SSS
Description:	4 door pillared sedan fitted with Z18ET Engine		
Exclusions	4 Door Pillarless Sedan, 2 door coupe, 4 door wagon. Engines: L16S, L18S, L18T, Z16S, Z18E, Z20S, Z20E, L20B, CA20S, LD20		
Period of Original Manufacture:	1980 - 1983		
Motorsport Australia Historic Group:	ND		
Date of Issue of this Document:	Unknown TBA		



Update Log

Initial Draft	

Section 1 - Chassis

1.1 Chassis

Description:	Unitary construction
Period of Manufacture:	1980 - 1983
Manufacturer:	Datsun/Nissan
Chassis Number From:	Unknown TBA
Chassis Number Location:	Left inner guard
Material:	Steel
Comments:	None

1.2 Front Suspension

Description:	Independent - by Macpherson strut		
Spring Medium:	Coil		
Damper Type:	Telescopic - Internal	Adjustable:	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	Yes	Method:	Toe
Comments:	None		

1.3 Rear Suspension

Description:	IRS – Trailing Arm		
Spring Medium:	Coil		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	No	Method:	N/A
Comments:	None		

1.4 Steering

Type:	Rack and Pinion	Make:	Nissan
Power Steering:	Yes (optional)		
Comments:	None		

1.5 Brakes

	Front	Rear
Type:	Disc, Ventilated	Disc, Solid
Dimensions:	250mm x 18mm	269 x 9.6mm
Material of drum/disc:	Cast Iron	Cast Iron
No. cylinders per wheel:	1	1
Actuation:	Hydraulic	Hydraulic
Caliper make:	Unknown TBA	Unknown TBA
Caliper type:	Floating	Fixed
Material:	Cast Iron	Cast Iron
Master cylinder make:	Unknown TBA	
Type:	Tandem	
Adjustable Bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION2 – ENGINE**2.1 Engine**

Make:	Nissan		
Type:	Z18		
No. Cylinders / Rotors	Four	Configuration:	In Line
Cylinder Block Material:	Cast Iron	Two/Four Stroke:	Four
Bore:	85.0mm	Stroke:	78.0mm
Capacity:	1770cc		
Identifying Marks:	Left side of engine block		
Cooling Method:	liquid		
Comments:	None		

2.2 Cylinder Head

Make:	Nissan		
No. valves/cylinder	Two	Inlet: One	Exhaust: One
No. of Ports Total:	Eight	Inlet: Four	Exhaust: Four
No. of Camshafts:	One	Location: Head	Drive: Chain
Valve Actuation:	Rocker		
Spart plugs/cylinder:	Two		
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:	No	Location:	N/A
Comments:	None		

2.4 Ignition System

Type:	Electronic Distributer and Coils		
No. of Ignition Coils:	Two		
Make:			
Comments:	None		

2.5 Fuel System

Type: (Carby, MFI, EFI)	Electronic Fuel Injection		
Carburettor Make:	N/A	Model:	N/A
Carburettor Number:	N/A		
Fuel Injection Make	Nissan EGI Fuel Injection		
No. Throttle bodies	One dual throttle body		
No. Fuel Injectors	Four		
Forced Induction:	Yes	Induction Type:	Turbo Charger:
No. of Turbo Chargers:	One	Inducer Diameter:	42.5mm
Intercooler Fitted:	No	Intercooler type:	N/A
Type of Supercharger:	N/A	Per cycle flow	N/A

SECTION3 - TRANSMISSION

3.1 Clutch

Make:	Nissan
Type:	Diaphragm
Diameter:	225mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2 Transmission

Make:	Nissan FS5W71B
Type:	Synchromesh
Gearbox Location:	Behind Engine
No. of Forward Gears:	Five
Gear Change Location:	Floor – Direct actuation
Case Material	Aluminium
Identifying Marks	71B
Comments:	None

3.3 Final Drive

Make:	Nissan	Model:	R160 / R180
Type:	IRS		
Ratios:	Various (Typically 3.90)		
Differential Type:	Hypoid		
Comments:	None		

3.4 Transmission Shafts

Number:	One
Location:	Gearbox to Final Drive
Description:	Open tail shaft with center bearing, 3 uni joints
Comments:	None

3.5 Wheels and Tyres

Wheel Type 1:	Pressed Disk	Material:	Steel
Fixture Method:	Stud and Nut	No. of Fixtures:	Four
	FRONT	REAR	
Wheel Diameter:	14"	14"	
Rim Width:	5"	5"	
Tyre Size:	185/70 SR 14	185/70 SR 14	
Comments:	None		

Wheel Type 2:	Cast Alloy	Material:	Aluminium
Fixture Method:	Stud and Nut	No. of Fixtures:	Four
	FRONT	REAR	
Wheel Diameter:	14"	14"	
Rim Width:	5.5"	5.5"	
Tyre Size:	Unknown TBA	Unknown TBA	
Comments:	None		

Section 4 General**4.1 Fuel System**

Fuel Tank Location:	Rear	Capacity:	62 litres
Fuel Pump Type:	Electronic	Make:	TBA
Comments:	None		

4.2 Electrical System

Voltage:	12	Alt / Gen	Alternator
Battery Location	Engine bay RHS		
Central Locking Fitted:	No		
SRS / Air Bags fitted:	No		
Comments:	None		

4.3 Body Work

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

4.4 Dimensions

Track - Front:	1380mm	Track – Rear:	1360mm
Wheelbase:	2525mm	Overall Length:	4510mm
Kerb Weight:	1110kg		
Comments:	Overall length varied depending upon bumpers fitted		