5TH CATEGORY - HISTORIC RACING
GROUP S
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:	Datsun	**Model:**	260Z
Period of Original Manufacture:	March 1973 - 1978		
Motorsport Australia Historic Group:	Sc		
Date of Issue of this Document:	31/12/2024		

Update Log

29/6/2021	Brake specification added
30/6/2022	Document layout
31/12/2024	Inclusion of kerb and minimum racing weights

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Uni body two door coupe
Period of Manufacture:	March 1973 - 1978
Manufacturer:	Nissan Motor Company
Chassis Number From:	RHD – RS30-00001 LHD – RLS-30-00001
Chassis Number location:	Firewall – RHS
Material:	Steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent – McPherson strut			
Spring Medium:	Coil			
Damper Type:	Telescopic		**Adjustable:**	No
Anti-sway bar:	Fitted		**Adjustable:**	N/A
Suspension adjustable:	Yes	**Method:**	Camber, toe and spring height	
Comments:	None			

1.3. REAR SUSPENSION

Description:	Independent – McPherson strut			
Spring Medium:	Coil			
Damper Type:	Telescopic		**Adjustable**	No
Anti-sway bar:	Fitted		**Adjustable:**	No
Suspension adjustable:	No	**Method:**	Camber, toe and spring height	
Comments:	None			

1.4. STEERING

Type:	Rack and pinion	**Make:**	Nissan
Comments	None		

1.5. BRAKES

	Front	**Rear**
Type:	Disc (solid)	Drum
Dimensions:	271 mm x 12 mm	230 mm x 40 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	One
Actuation:	Hydraulic	Hydraulic
Caliper make:	Sumitomo/Girling	
Caliper type:	S16	
Material:		
Master cylinder make:	Tokico	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	Front disc brake rotors may be replaced by 22mm x 274mm ventilated disc rotors. These rotors must not be drilled or grooved on the brake surfaces. The Original stock Datsun twin piston Sumitomo/Girling Caliper must be retained but the Caliper can be modified by the installation of a correctly machined spacer to allow the Caliper to fit the ventilated rotor.	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Nissan		
Model:	L26		
No. cylinders:	Six	**Configuration:**	In-line
Cylinder Block-material:	Cast iron	**Two/Four Stroke:**	Four
Bore - Original:	83 mm	**Max allowed:**	84.50 mm
Stroke - original:	79.00 mm	**Max allowed:**	79.00 mm
Capacity - original:	2564 cc	**Max allowed:**	2658 cc
Identifying marks:	L26		
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Nissan				
No. of valves/cylinder:	Two	**Inlet:**	One	**Exhaust:**	One
No. of ports total:	Eight	**Inlet:**	Four	**Exhaust:**	Four
No. of camshafts:	One	**Location:**	SOHC	**Drive:**	Chain
Valve actuation:	Lever				
Spark plugs/cylinder:	One				
Identifying marks:	E31/E88				
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:	Points, Coil and Distributor
Make:	Nissan/Hitachi
Comments	Optional electronic ignition must use genuine Nissan/Hitachi distributor with pick up 22163-Q1700, Module 22020-S6701 and Reluctor 2215-Q1700

2.5. FUEL SYSTEM

Carburettor Make:	Hitachi	**Model:**	HMB46W
Carburettor Number:	Two		
Size:	46 mm		
Fuel injection Make:	N/A	**Type:**	N/A
Supercharged:	No	**Type:**	N/A
Comments:	240Z, HJG46W carburettors are an approved alternative. SU Carburettors are not permitted.		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Nissan
Type:	Diaphragm
Diameter:	227 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh
Make:	Nissan FS5C71B Nissan F4W71A-4 Nissan FS5C71A-5
Gearbox location:	Behind engine
No. forward speeds:	Four
Gearchange type and location:	Remote, floor
Case material:	Alloy
Identifying marks:	N/A
Comments:	None

3.3. FINAL DRIVE

Make:	Nissan	**Model:**	R180
Type	Sprung unit		
Wheel drive method	Rear		
Ratios:	Various		
Differential type:	Free/open		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Three
Description:	Drive shaft with twin Hookes type Universal joints, Half shaft with slip joint & twin Hookes type universal joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Disc	**Material - Original:**	Steel
Wheel type - Allowed:	Period cast	**Material - Allowed:**	Alloy
Fixture method:	Stud/nuts	**No. studs:**	Four
Wheel dia. & rim width	**FRONT**		**REAR**
Original:	6” x 14”		6” x 14”
Allowed	6” x 15”		6” x 15”
Tyre Section:			
Original:			
Allowed:	205/60 x 14” 205/60 x 15”		205/60 x 14” 205/60 x 15”
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Refer approved tyre list.		

4.1. FUEL SYSTEM

Tank Location:	Under rear floor	**Capacity:**	65 litres
Fuel pump, type:	Electric	**Make:**	Hitachi
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	**Alternator fitted:**	Alternator
Battery Location:	Engine bay		
Comments:	None		

4.3. BODYWORK

Type:	Fixed head coupe	**Material:**	Steel
No. of seats:	Two	**No. doors:**	Two
Comments:	Front and Rear Spoilers to Factory Specification Permitted Front Spoiler: 98300 – E8100 (E8125) Rear Spoiler: 98100 – N330 (N3525, N330, N3525, N2527 & N3105) Numbers in brackets () Are variations of the same shape with different mounting and badge holes. 240Z shell (HS30 or HSL30) not allowed.		

4.4. DIMENSIONS

Track - Front:	1355 mm	**Rear:**	1345 mm
Wheelbase:	2305 mm	**Overall length:**	4115 mm
Approved Manufacturer's kerb weight:	1043 kg		
Approved minimum racing weight:	949 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix