



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:	Porsche	Model:	911 Carrera 3.0 I Series 3.0 J Series
Period of Original Manufacture:	October 1976 to 1977		
Motorsport Australia Historic Group:	Sc		
Date of Issue of this Document:	30/6/2022		



Update Log

30/6/2022	Document layout

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Uni body Coupe
Period of Manufacture:	October 1976 to 1977
Manufacturer:	Porsche KG
Chassis Number From:	Carrera 3 99116600001 – 9117601472 Carrera 3 Sport 9116600253 – 9117601470 Carrera Targa 9116610001 – 9117600641 Carrera Sport Targa 9116610028 – 9117600694
Chassis Number location:	Front luggage compartment
Material:	Steel
Comments	Only genuine vehicles with the correct chassis numbers allowed

1.2. FRONT SUSPENSION

Description:	Independent, McPherson strut		
Spring Medium:	Torsion bar		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Fitted	Adjustable:	No
Suspension adjustable:	Yes	Method:	Camber, Castor, Toe-in, Torsion bar tension
Comments:	Ride height unrestricted		

1.3. REAR SUSPENSION

Description:	Independent, trailing arms		
Spring Medium:	Torsion bar		
Damper Type:	Telescopic	Adjustable	No
Anti-sway bar:	Fitted	Adjustable:	No
Suspension adjustable:	Yes	Method:	Camber, Castor, Toe-in, Torsion bar tension
Comments:	Ride height unrestricted		

1.4. STEERING

Type:	Rack and pinion	Make:	Porsche
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc, solid	Disc, solid
Dimensions:	282 mm x 20 mm	290 mm x 20 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	ATE	
Caliper type:	Type A	
Material:	Alloy	
Master cylinder make:	ATE	
Type:	Twin	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Porsche		
Model:	930/02		
No. cylinders:	Six	Configuration:	Horizontal
Cylinder Block-material:	Magnesium	Two/Four Stroke:	Four
Bore – Original:	95.0 mm	Max allowed:	96.5 mm
Stroke – original:	70.4 mm	Max allowed:	70.4 mm
Capacity – original:	2994 cc	Max allowed:	3089 cc
Identifying marks:			
Cooling method:	Air and oil		
Comments:	See Appendix		

2.2. CYLINDER HEAD

Make:	Porsche		
Material:	Alloy		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Six	Inlet: Three	Exhaust: Three
No. of camshafts:	Two	Location: Head	Drive: Chain
Valve actuation:	Rockers		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	None		

2.3. LUBRICATION

Method:	Dry sump		
Dry sump type:	Porsche	Location:	Sump
Oil cooler standard:	Yes	Location:	RHS rear
Comments:	None		

2.4. IGNITION SYSTEM

Type:	Capacitor discharge ignition (CDI)		
Make:	Bosch/Marelli		
Comments:	None		

2.5. FUEL SYSTEM

Carburettor Make:	N/A	Model:	N/A
Carburettor Number:			
Fuel injection Make:	Bosch	Type:	K/Jetronic
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Porsche
Type:	Diaphragm
Diameter:	Various
No. of Plates:	One
Actuation:	Mechanical – Cable
Comments:	Clutch is free, subject to method of actuation remaining unaltered.

3.2. TRANSMISSION

Type:	Synchromesh
Make:	Porsche
Model	915
Gearbox location:	In front of engine
No. forward speeds:	Five
Gearchange type and location:	Remote, centre floor
Case material:	Alloy
Identifying marks:	N/A
Comments:	Ratios free.

3.3. FINAL DRIVE

Make:	Porsche
Model:	ZF
Type:	Sprung unit, Transaxle
Wheel drive method:	Rear
Ratios:	Various
Differential type:	Spin resistant - ZF
Comments:	Limited slip differential optional.

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transaxle to rear wheels
Description:	Halfshafts with twin CV joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Cast	Material - Original:	Alloy
Wheel type - Allowed:	Cast or disc	Material - Allowed:	Alloy Steel
Fixture method:	Studs	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	7" x 15"		8" x 15"
Allowed	7" x 15"		8" x 15"
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	50% minimum aspect ratio.		
Comments:	None		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Front compartment	Capacity:	85 litres
Fuel pump, type:	Electrical & mechanical Tank and engine	Make:	Various
Comments:	Fuel pump/s free		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Alternator
Battery Location:	Front luggage compartment		
Comments:	None		

4.3. BODYWORK

Type:	2 Door Fixed head Coupe and Targa	Material:	Steel
No. of seats:	Four	No. doors:	Two
Comments:	Flat Tail rear spoiler		

4.4. DIMENSIONS

Track - Front:	1372 mm	Rear:	1380 mm – 1394 mm
Wheelbase:	2271 mm	Overall length:	4291 mm
Dry weight:	100 kg – 1120 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

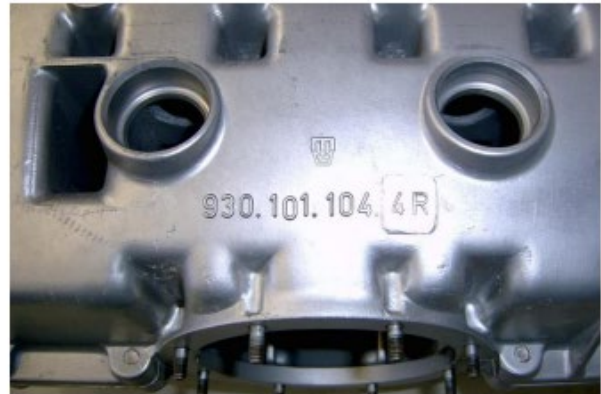
Refer applicable Group Regulations

Appendix
Engine case

The engine case used up until the introduction of the 3.2 engine (the 1978 to 1983 911SC engine case) is allowed as a substitution for the Carrera Magnesium engine case. Log book must be endorsed and engine seals fitted.



Early case



SC case