



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.

<b>Make of Car:</b>	Porsche	<b>Model:</b>	911 Carrera 3.0 I Series 3.0 J Series
<b>Period of Original Manufacture:</b>	October 1976 to 1977		
<b>Motorsport Australia Historic Group:</b>	Sc		
<b>Date of Issue of this Document:</b>	31/12/2024		



**Update Log**

30/6/2022	Document layout
31/12/2024	Inclusion of kerb and minimum racing weights

**SECTION 1 - CHASSIS**

**1.1. CHASSIS**

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

**1.2. FRONT SUSPENSION**

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

**1.3. REAR SUSPENSION**

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

**1.4. STEERING**

<b>Type:</b>	Rack and pinion	<b>Make:</b>	Porsche
<b>Comments</b>	None		

**1.5. BRAKES**

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

## SECTION 2 - ENGINE

### 2.1. ENGINE

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

### 2.2. CYLINDER HEAD

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

### 2.3. LUBRICATION

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

### 2.4. IGNITION SYSTEM

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

### 2.5. FUEL SYSTEM

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

**SECTION 3 - TRANSMISSION**

**3.1. CLUTCH**

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

**3.2. TRANSMISSION**

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

**3.3. FINAL DRIVE**

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

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

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

**3.5. WHEELS & TYRES**

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

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

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

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	Twelve	<b>Alternator fitted:</b>	Alternator
<b>Battery Location:</b>	Front luggage compartment		
<b>Comments:</b>	None		

### 4.3. BODYWORK

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

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1372 mm	<b>Rear:</b>	1380 mm – 1394 mm
<b>Wheelbase:</b>	2271 mm	<b>Overall length:</b>	4291 mm
<b>Approved Manufacturer's kerb weight:</b>	1120 kg		
<b>Approved minimum racing weight:</b>	1027 kg		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

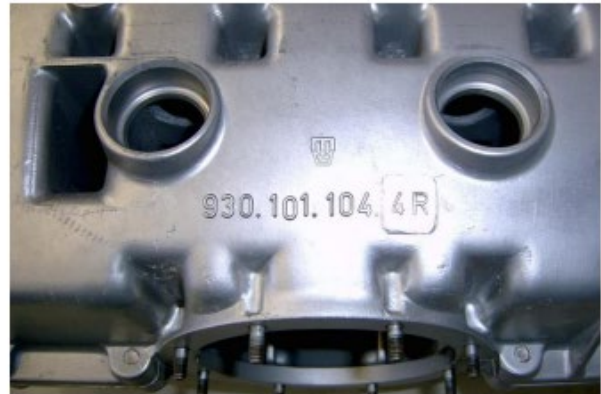
Refer applicable Group Regulations
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**Appendix**  
**Engine case**

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**