



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 911S 911L 911E 911T
<b>Period of Original Manufacture:</b>	911      1964 911S    1964 911L    1968 911E    1968 911T    1970		
<b>Motorsport Australia Historic Group:</b>	Sb		
<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>	911        1964 911S      1964 911L      1968 911E      1968 911T      1970
<b>Manufacturer:</b>	Porsche KG
<b>Chassis Number From:</b>	911 -    300001 to 119129999 911S –   from 305101S & 11850001 911L –   from 300001 & 11860001 911E –   from 11920001 to 119229999 911T –   from 11820001USF
<b>Chassis Number location:</b>	Front luggage compartment
<b>Material:</b>	Steel
<b>Comments</b>	None

**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>	Spring height
<b>Comments:</b>	None		

**1.3. REAR SUSPENSION**

<b>Description:</b>	Independent, semi trailing arms		
<b>Spring Medium:</b>	Torsion bar		
<b>Damper Type:</b>	Telescopic	<b>Adjustable</b>	No
<b>Anti-sway bar:</b>	911        No 911S      Yes 911L      Yes 911E      Optional 911T      Optional	<b>Adjustable:</b>	N/A
<b>Suspension adjustable:</b>	Yes	<b>Method:</b>	Spring height
<b>Comments:</b>	None		

**1.4. STEERING**

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

**1.5. BRAKES**

	Front	Rear
<b>Type - 911:</b>	Disc, solid	Disc, solid
<b>Dimensions:</b>	282 mm x 12.7 mm	285 mm x 10 mm
<b>Type – 911S, 911L, 911E, 911T:</b>	Disc, vented	Disc, vented
<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>	Porsche	
<b>Caliper type:</b>		
<b>Material:</b>	Cast iron	
<b>Master cylinder make:</b>	Porsche	
<b>Type:</b>	Tandem	
<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>	901		
<b>No. cylinders:</b>	Six	<b>Configuration:</b>	Horizontal
<b>Cylinder Block-material:</b>	Alloy	<b>Two/Four Stroke:</b>	Four
<b>Bore - Original:</b>	80.0 mm	<b>Max allowed:</b>	81.5 mm
<b>Stroke - original:</b>	66.0 mm	<b>Max allowed:</b>	66.0 mm
<b>Capacity - original:</b>	1991 cc	<b>Max allowed:</b>	2066 cc
<b>Identifying marks:</b>			
<b>Cooling method:</b>	Air and Oil		
<b>Comments:</b>	None		

**2.2. CYLINDER HEAD**

<b>Make:</b>	Porsche		
<b>Material:</b>	<b>Alloy</b>		
<b>No. of valves/cylinder:</b>	Two	<b>Inlet:</b> One	<b>Exhaust:</b> One
<b>No. of ports total:</b>	Eight	<b>Inlet:</b> Four	<b>Exhaust:</b> Four
<b>No. of camshafts:</b>	One	<b>Location:</b> Head	<b>Drive:</b> Chain
<b>Valve actuation:</b>	Buckets		
<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>Oil tank location:</b>	RH rear quarter panel
<b>Dry sump type:</b>	Porsche	<b>Location:</b>	In sump
<b>Oil cooler standard:</b>	Yes	<b>Location:</b>	Engine and front fender
<b>Comments:</b>	None		

**2.4. IGNITION SYSTEM**

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

**2.5. FUEL SYSTEM**

<b>Carburettor Make:</b>	Solex	<b>Model:</b>	40 PJ
<b>Carburettor Number:</b>	Two		
<b>Carburettor Make:</b>	Weber	<b>Model:</b>	911 40 IDA 3C 911S 40 IDS 3C 911L 40 IDS 3C 911T 40 IDT or IDS 3C
<b>Carburettor Number:</b>	Two		
<b>Fuel injection Make - 1969 911E: - 1969 911S:</b>	Bosch	<b>Type:</b>	Mechanical
<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>	216 mm
<b>No. of Plates:</b>	One
<b>Actuation:</b>	Mechanical
<b>Comments:</b>	None

**3.2. TRANSMISSION**

<b>Type:</b>	Synchromesh
<b>Make:</b>	Porsche
<b>Model</b>	901
<b>Gearbox location:</b>	In front of engine
<b>No. forward speeds:</b>	Four or Five
<b>Gearchange type and location:</b>	Remote, centre floor
<b>Case material:</b>	Alloy
<b>Identifying marks:</b>	N/A
<b>Comments:</b>	None

**3.3. FINAL DRIVE**

<b>Make:</b>	Porsche
<b>Type:</b>	Transaxle
<b>Wheel drive method:</b>	Rear
<b>Ratios:</b>	Various
<b>Differential type:</b>	Limited slip
<b>Comments:</b>	None

**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>	Disc	<b>Material - Original:</b>	Steel
<b>Wheel type - Allowed:</b>	Period cast	<b>Material - Allowed:</b>	Alloy
<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>	5.5" x 14" 6" x 15"		5.5" x 14" 6" x 15"
<b>Allowed</b>	6" x 15"		6" x 15"
<b>Tyre Section:</b>			
<b>Original:</b>	185 x 14 185 x 15		185 x 14 185 x 15
<b>Allowed:</b>	Refer approved tyre list.		
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	None		

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

<b>Tank Location:</b>	Under front cargo area	<b>Capacity:</b>	62 litres
<b>Fuel pump, type:</b>	Mechanical and Electrical	<b>Make:</b>	Porsche
<b>Comments:</b>	None		

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	Twelve	<b>Alternator fitted:</b>	Alternator
<b>Battery Location:</b>	Front cargo area		
<b>Comments:</b>	None		

### 4.3. BODYWORK

<b>Type:</b>	Touring	<b>Material:</b>	Steel
<b>No. of seats:</b>	Four	<b>No. doors:</b>	Two
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

<b>Track - Front:</b>	911 - 1336 mm 911L, T, S - 1367 mm 911E - 1374 mm	<b>Rear:</b>	911 - 1317 mm 911L, S - 1339 mm 911E, T - 1335 mm
<b>Wheelbase:</b>	Up to 1969 - 2211 mm 1969 - 2268 mm	<b>Overall length:</b>	911 - 4163 mm 911L, S, T - 4163 - 4195 mm
<b>Approved Manufacturer's kerb weight:</b>	1020 kg		
<b>Approved minimum racing weight:</b>	928 kg		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix**