



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 911S 911L 911E 911T
Period of Original Manufacture:	911 1964 911S 1964 911L 1968 911E 1968 911T 1970		
Motorsport Australia Historic Group:	Sb		
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Update Log

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SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Uni body Coupe
Period of Manufacture:	911 1964 911S 1964 911L 1968 911E 1968 911T 1970
Manufacturer:	Porsche KG
Chassis Number From:	911 - 300001 to 119129999 911S – from 305101S & 11850001 911L – from 300001 & 11860001 911E – from 11920001 to 119229999 911T – from 11820001USF
Chassis Number location:	Front luggage compartment
Material:	Steel
Comments	None

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:	Spring height
Comments:	None		

1.3. REAR SUSPENSION

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

1.4. STEERING

Type:	Rack and pinion	Make:	Porsche
Comments	None		

1.5. BRAKES

	Front	Rear
Type - 911:	Disc, solid	Disc, solid
Dimensions:	282 mm x 12.7 mm	285 mm x 10 mm
Type – 911S, 911L, 911E, 911T:	Disc, vented	Disc, vented
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:	Porsche	
Caliper type:		
Material:	Cast iron	
Master cylinder make:	Porsche	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Porsche		
Model:	901		
No. cylinders:	Six	Configuration:	Horizontal
Cylinder Block-material:	Alloy	Two/Four Stroke:	Four
Bore - Original:	80.0 mm	Max allowed:	81.5 mm
Stroke - original:	66.0 mm	Max allowed:	66.0 mm
Capacity - original:	1991 cc	Max allowed:	2066 cc
Identifying marks:			
Cooling method:	Air and Oil		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Porsche		
Material:	Alloy		
No. of 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:	Buckets		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	None		

2.3. LUBRICATION

Method:	Dry sump	Oil tank location:	RH rear quarter panel
Dry sump type:	Porsche	Location:	In sump
Oil cooler standard:	Yes	Location:	Engine and front fender
Comments:	None		

2.4. IGNITION SYSTEM

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

2.5. FUEL SYSTEM

Carburettor Make:	Solex	Model:	40 PJ
Carburettor Number:	Two		
Carburettor Make:	Weber	Model:	911 40 IDA 3C 911S 40 IDS 3C 911L 40 IDS 3C 911T 40 IDT or IDS 3C
Carburettor Number:	Two		
Fuel injection Make - 1969 911E: - 1969 911S:	Bosch	Type:	Mechanical
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Porsche
Type:	Diaphragm
Diameter:	216 mm
No. of Plates:	One
Actuation:	Mechanical
Comments:	None

3.2. TRANSMISSION

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

3.3. FINAL DRIVE

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

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:	Disc	Material - Original:	Steel
Wheel type - Allowed:	Period cast	Material - Allowed:	Alloy
Fixture method:	Studs	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	5.5" x 14" 6" x 15"		5.5" x 14" 6" x 15"
Allowed	6" x 15"		6" x 15"
Tyre Section:			
Original:	185 x 14 185 x 15		185 x 14 185 x 15
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

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

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Alternator
Battery Location:	Front cargo area		
Comments:	None		

4.3. BODYWORK

Type:	Touring	Material:	Steel
No. of seats:	Four	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	911 - 1336 mm 911L, T, S - 1367 mm 911E - 1374 mm	Rear:	911 - 1317 mm 911L, S - 1339 mm 911E, T - 1335 mm
Wheelbase:	Up to 1969 - 2211 mm 1969 - 2268 mm	Overall length:	911 - 4163 mm 911L, S, T - 4163 - 4195 mm
Dry weight:	911 - 999 kg 911T - 970 kg 911L, S - 1030 kg 911E - 1020 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix