



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:	911E 2.2 2.4
Period of Original Manufacture:	1970 – September 1973		
Motorsport Australia Historic Group:	Sc		
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Update Log

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SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Uni body Coupe
Period of Manufacture:	1970 – September 1973
Manufacturer:	Porsche KG
Chassis Number From:	9111200001 - >
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:	Camber, Castor, Toe-in, Torsion bar tension
Comments:	Ride height unrestricted		

1.3. REAR SUSPENSION

Description:	Independent, central trailing arms		
Spring Medium:	Torsion bar		
Damper Type:	Telescopic	Adjustable	No
Anti-sway bar:	No	Adjustable:	N/A
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:	228 mm	244 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	ATE	
Caliper type:		
Material:	Cast iron	
Master cylinder make:	ATE	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	Twin master cylinders permitted. Servi may be rendered inoperative.	

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 – 2.2:	84.0 mm	Max allowed:	85.5 mm
Stroke – original – 2.2:	66.0 mm	Max allowed:	66.0 mm
Capacity – original – 2.2:	2195 cc	Max allowed:	2273 cc
Bore – Original – 2.4:	84.0 mm	Max allowed:	85.5 mm
Stroke – original – 2.4:	70.4 mm	Max allowed:	70.4 mm
Capacity – original – 2.4:	2341 cc	Max allowed:	2425 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:	Twelve	Inlet: Six	Exhaust: Six
No. of camshafts:	One	Location: Head	Drive: Chain
Valve actuation:	Rockers		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	None		

2.3. LUBRICATION

Method:	Wet sump	Oil tank location:	N/A
Dry sump type:		Location:	N/A
Oil cooler standard:	Yes	Location:	Front
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:	Mechanical
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	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:	Optional 5 speed from 1972 “E” series. Sporto – optional all models Ratios free.

3.3. FINAL DRIVE

Make:	Porsche
Model:	901/915
Type:	Transaxle
Wheel drive method:	Rear
Ratios:	Various
Differential type:	Limited slip
Comments:	ZF Limited slip optional. Limited slip differential optional on all models.

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 alloy	Material - Allowed:	Alloy Steel
Fixture method:	Bolt on	No. studs:	Four
Wheel dia. & rim width	FRONT		REAR
Original:	6" x 15"		6" x 15"
Allowed	6" x 15"		6" x 15"
Tyre Section:			
Original:	185/70 x 15		185/70 x 15
Allowed:	205/60 x 15"		205/60 x 15"
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Refer approved tyre list.		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Front compartment	Capacity:	80 litres
Fuel pump, type:	Electrical	Make:	Bosch
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:	2 + 2	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1372 mm	Rear:	1368 mm
Wheelbase:	2271 mm	Overall length:	4102 mm
Dry weight:	960 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

**Appendix
Genealogy – 911T**

September 1969	(C Series)	2.2 introduced. Bosch mechanical injection 4 or 5 speed or Sporto		
1972 – 1973	(E Series)	2.4 introduced. 6 inch wheels		
1973	(E Series)	Front air dam		
September 1973	(F Series)	Final Chassis #	911E Coupe 911E Targa	9113201283 9113211013