



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>	911T 2.2 2.4
<b>Period of Original Manufacture:</b>	1970 – September 1973		
<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>	1970 – September 1973
<b>Manufacturer:</b>	Porsche KG
<b>Chassis Number From:</b>	911100001 - >
<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>	Camber, Castor, Toe-in, Torsion bar tension
<b>Comments:</b>	Ride height unrestricted		

**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>	No	<b>Adjustable:</b>	N/A
<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>	228 mm	244 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>	Twin master cylinders permitted. Servi may be rendered inoperative.	

## 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 – 2.2:</b>	84.0 mm	<b>Max allowed:</b>	85.5 mm
<b>Stroke – original – 2.2:</b>	66.0 mm	<b>Max allowed:</b>	66.0 mm
<b>Capacity – original – 2.2:</b>	2195 cc	<b>Max allowed:</b>	2273 cc
<b>Bore – Original – 2.4:</b>	84.0 mm	<b>Max allowed:</b>	85.5 mm
<b>Stroke – original – 2.4:</b>	70.4 mm	<b>Max allowed:</b>	70.4 mm
<b>Capacity – original – 2.4:</b>	2341 cc	<b>Max allowed:</b>	2425 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>	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>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/Marelli		
<b>Comments:</b>	None		

### 2.5. FUEL SYSTEM

<b>Carburettor Make:</b>	Weber	<b>Model:</b>	40 IDT
<b>Carburettor Number:</b>	Two		
<b>Fuel injection Make:</b>	N/A	<b>Type:</b>	N/A
<b>Supercharged:</b>	No	<b>Type:</b>	N/A
<b>Comments:</b>	Twin Zenith 40 TIN carburettors fitted from 1971. All cards may use either Weber or Zenith carburettors. Bore size is free.		

## 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>	901 915 from 1972
<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>	Optional 5 speed from 1972 “E” series. Sporto – optional all models Ratios free.

### 3.3. FINAL DRIVE

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

### 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 alloy	<b>Material - Allowed:</b>	Alloy Steel
<b>Fixture method:</b>	Bolt on	<b>No. studs:</b>	Four
<b>Wheel dia. &amp; rim width</b>	<b>FRONT</b>		<b>REAR</b>
<b>Original:</b>	5.5” x 15”		5.5” x 15”
<b>Allowed</b>	6” x 15”		6” x 15”
<b>Tyre Section:</b>			
<b>Original:</b>	185/70 x 15		185/70 x 15
<b>Allowed:</b>	205/60 x 15”		205/60 x 15”
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	Refer approved tyre list.		

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

<b>Tank Location:</b>	Front compartment	<b>Capacity:</b>	80 litres
<b>Fuel pump, type:</b>	Electrical	<b>Make:</b>	Bosch
<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 cargo area		
<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>	2 + 2	<b>No. doors:</b>	Two
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1372 mm	<b>Rear:</b>	1368 mm
<b>Wheelbase:</b>	2271 mm	<b>Overall length:</b>	4291 mm
<b>Approved Manufacturer's kerb weight:</b>	1020 kg		
<b>Approved minimum racing weight:</b>	925 kg		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix  
Genealogy – 911T**

September 1969	(C Series)	2.2 introduced. Twin Weber 40 IDT carburettors. 4 speed or Sporto		
1970 - 1971		Twin Zenith 40 TIN carburettors replace Webers		
1972 – 1973	(E Series)	2.4 introduced. 4/5 speed or Sporto		
September 1973	(F Series)	Final Chasis #	911/911T LUX – 911T Targa	9113501746 9113511448