



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>	914 6
<b>Period of Original Manufacture:</b>	1970 1971		
<b>Motorsport Australia Historic Group:</b>	Sc		
<b>Date of Issue of this Document:</b>	30/6/2022		



***Update Log***

30/6/2022	Document layout

**SECTION 1 - CHASSIS**

**1.1. CHASSIS**

<b>Description:</b>	Unitary construction
<b>Period of Manufacture:</b>	1970 1971
<b>Manufacturer:</b>	Porsche KG
<b>Chassis Number From:</b>	914143Xxxxx
<b>Chassis Number location:</b>	Left hand door pillar
<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 within struts	<b>Adjustable:</b>	No
<b>Anti-sway bar:</b>	No	<b>Adjustable:</b>	N/A
<b>Suspension adjustable:</b>	No	<b>Method:</b>	N/A
<b>Comments:</b>	Ride height unrestricted		

**1.3. REAR SUSPENSION**

<b>Description:</b>	Independent, trailing arms		
<b>Spring Medium:</b>	Coil over dampers		
<b>Damper Type:</b>	Telescopic	<b>Adjustable</b>	No
<b>Anti-sway bar:</b>	No	<b>Adjustable:</b>	N/A
<b>Suspension adjustable:</b>	No	<b>Method:</b>	
<b>Comments:</b>	Ride height unrestricted		

**1.4. STEERING**

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

**1.5. BRAKES**

	<b>Front</b>	<b>Rear</b>
<b>Type:</b>	Disc, ventilated	Disc, solid
<b>Dimensions:</b>	282.5 mm x 20 mm	286 mm x 10.5 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>	Tandem master cylinder with pressure limiter to rear brakes originally fitted. Fittent of twin master cylinders permitted	

**SECTION 2 - ENGINE**

**2.1. ENGINE**

<b>Make:</b>	Porsche		
<b>Model:</b>	901/36		
<b>No. cylinders:</b>	Six	<b>Configuration:</b>	Opposed
<b>Cylinder Block-material:</b>	Magnesium crankcase Cast iron cylinders	<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 mm	<b>Max allowed:</b>	66 mm
<b>Capacity – original:</b>	1991 cc	<b>Max allowed:</b>	2066 cc
<b>Identifying marks:</b>			
<b>Cooling method:</b>	Air		
<b>Comments:</b>	None		

**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>	Twelve	<b>Inlet:</b> Six	<b>Exhaust:</b> Six
<b>No. of camshafts:</b>	One	<b>Location:</b> Crankcase	<b>Drive:</b> Chain
<b>Valve actuation:</b>	Pushrod and 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>	LHS engine bay
<b>Dry sump type:</b>	Porsche	<b>Location:</b>	Crankcase
<b>Oil cooler standard:</b>	Yes	<b>Location:</b>	In air cooling ducts
<b>Comments:</b>	No external oil cooler fitted		

**2.4. IGNITION SYSTEM**

<b>Type:</b>	CDI		
<b>Make:</b>	Bosch		
<b>Comments:</b>	None		

**2.5. FUEL SYSTEM**

<b>Carburettor Make:</b>	Weber	<b>Model:</b>	3 throat
<b>Carburettor Number:</b>	Two		
<b>Size</b>	40 mm		
<b>Fuel injection Make:</b>	N/A	<b>Type:</b>	
<b>Supercharged:</b>	No	<b>Type:</b>	N/A
<b>Comments:</b>	None		

**SECTION 3 - TRANSMISSION**

**3.1. CLUTCH**

<b>Make:</b>	Sachs
<b>Type:</b>	Diaphragm
<b>Diameter:</b>	200 mm
<b>No. of Plates:</b>	One
<b>Actuation:</b>	Mechanical – Cable
<b>Comments:</b>	None

**3.2. TRANSMISSION**

<b>Type:</b>	Synchromesh - Transaxle
<b>Make:</b>	Porsche
<b>Model</b>	914/01
<b>Gearbox location:</b>	Rear of car
<b>No. forward speeds:</b>	Five
<b>Gearchange type and location:</b>	Remote, centre floor
<b>Case material:</b>	Aluminium
<b>Identifying marks:</b>	N/A
<b>Comments:</b>	Ratios free.

**3.3. FINAL DRIVE**

<b>Make:</b>	Porsche
<b>Model:</b>	914/01
<b>Type:</b>	Transaxle to rear wheels
<b>Wheel drive method:</b>	Rear
<b>Ratios:</b>	4.428:1
<b>Differential type:</b>	Free
<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>	Steel or Alloy	<b>Material - Original:</b>	Steel or Alloy
<b>Wheel type - Allowed:</b>	Cast or disc	<b>Material - Allowed:</b>	Alloy Steel
<b>Fixture method:</b>	Studs and nuts	<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>			
<b>Allowed:</b>	Refer approved tyre list.		
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	Maximum tyre section allowed is 205 x 15", subject to fitment conforming to tyre manufacturers' standards		

## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

<b>Tank Location:</b>	Front compartment	<b>Capacity:</b>	62 litres
<b>Fuel pump, type:</b>	Mechanical on engine.	<b>Make:</b>	Porsche
<b>Comments:</b>	Fuel pump/s free		

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	Twelve	<b>Alternator fitted:</b>	Alternator
<b>Battery Location:</b>	RHS engine compartment		
<b>Comments:</b>	None		

### 4.3. BODYWORK

<b>Type:</b>	Closed two seater with removable roof	<b>Material:</b>	Steel
<b>No. of seats:</b>	Two	<b>No. doors:</b>	Two
<b>Comments:</b>	None		

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1361 mm	<b>Rear:</b>	1382 mm
<b>Wheelbase:</b>	2450 mm	<b>Overall length:</b>	3985 mm
<b>Dry weight:</b>	950 kg		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix**