



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:	914
Period of Original Manufacture:	1969 1971		
Motorsport Australia Historic Group:	Sb		
Date of Issue of this Document:	30/6/2022		
NOTE	1972 and later models are not eligible for Group Sb due to changed specifications		



Update Log

30/6/2022	Document layout

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Unitary construction
Period of Manufacture:	1969 1971
Manufacturer:	Porsche KG
Chassis Number From:	47029XXXXX
Chassis Number location:	Left hand door pillar
Material:	Steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent, McPherson strut		
Spring Medium:	Torsion bar		
Damper Type:	Telescopic within struts	Adjustable:	No
Anti-sway bar:	No	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:	Ride height unrestricted		

1.3. REAR SUSPENSION

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

1.4. STEERING

Type:	Rack and pinion	Make:	ZF
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc, solid	Disc, solid
Dimensions:	281 mm x 10 mm	282 mm x 9.5 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	VW	
Caliper type:		
Material:	Cast iron	
Master cylinder make:	VW	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	Tandem master cylinder with pressure limiter to rear brakes originally fitted. Fittent of twin master cylinders permitted	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	VW		
Model:	W80		
No. cylinders:	Four	Configuration:	Opposed
Cylinder Block-material:	Magnesium crankcase	Two/Four Stroke:	Four
Bore – Original:	90.0 mm	Max allowed:	91.5 mm
Stroke – original:	66 mm	Max allowed:	66 mm
Capacity – original:	1679 cc	Max allowed:	1737 cc
Identifying marks:			
Cooling method:	Air		
Comments:	None		

2.2. CYLINDER HEAD

Make:	VW		
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: Crankcase	Drive: Chain
Valve actuation:	Pushrod and rockers		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	None		

2.3. LUBRICATION

Method:	Wet sump		
Dry sump type:	N/A	Location:	N/A
Oil cooler standard:	Yes	Location:	n/A
Comments:	Oil cooler incorporated into engine cooling system. No external oil cooler fitted		

2.4. IGNITION SYSTEM

Type:	Points, coil and distributor		
Make:	Bosch		
Comments:	None		

2.5. FUEL SYSTEM

Carburettor Make:	Solex	Model:	40 PDSIT
Carburettor Number:	Two		
Fuel injection Make:	L Jetronic	Type:	
Supercharged:	No	Type:	N/A
Comments:	Either twin Solex carburettors or L Jetronic fuel injection permitted		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Sachs
Type:	Dry plate
Diameter:	200 mm
No. of Plates:	One
Actuation:	Mechanical – Cable
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh - Transaxle
Make:	VW
Model	914/11
Gearbox location:	Rear of car
No. forward speeds:	Five
Gearchange type and location:	Remote, centre floor
Case material:	Aluminium
Identifying marks:	N/A
Comments:	Ratios free.

3.3. FINAL DRIVE

Make:	VW
Model:	914/11
Type:	Transaxle to rear wheels
Wheel drive method:	Rear
Ratios:	4.428:1
Differential type:	Free
Comments:	Limited slip differential optional.

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:	Steel or Alloy	Material - Original:	Steel or Alloy
Wheel type - Allowed:	Cast or disc	Material - Allowed:	Alloy Steel
Fixture method:	Studs and nuts	No. studs:	Four
Wheel dia. & rim width	FRONT		REAR
Original:	4.5" x 15"		5" x 15"
Allowed	5.5" x 15"		5.5" x 15"
Tyre Section:			
Original:	155 x 15"		155 x 15"
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Maximum tyre section allowed is 205 x 15", subject to fitment conforming to tyre manufacturers' standards		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Front compartment	Capacity:	62 litres
Fuel pump, type:	Mechanical on engine. Jetronic models used electric fuel pump	Make:	VW
Comments:	Fuel pump/s free		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Alternator
Battery Location:	RHS engine compartment		
Comments:	None		

4.3. BODYWORK

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

4.4. DIMENSIONS

Track - Front:	1337 mm	Rear:	1374 mm
Wheelbase:	2450 mm	Overall length:	3985 mm
Dry weight:	900 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix