



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>	924
<b>Period of Original Manufacture:</b>	1977 to 1982		
<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, two door coupe of pressed & welded sheet metal
<b>Period of Manufacture:</b>	1977 to 1982
<b>Manufacturer:</b>	Porsche AG
<b>Chassis Number From:</b>	
<b>Chassis Number location:</b>	Right front shock absorber tower
<b>Material:</b>	Steel
<b>Comments</b>	None

### 1.2. FRONT SUSPENSION

<b>Description:</b>	Independent, with McPherson struts		
<b>Spring Medium:</b>	Coil		
<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>	Castor, camber and toe
<b>Comments:</b>			

### 1.3. REAR SUSPENSION

<b>Description:</b>	Independent with trailing arms		
<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>	No	<b>Method:</b>	
<b>Comments:</b>	None		

### 1.4. STEERING

<b>Type:</b>	Rack & pinion	<b>Make:</b>	Porsche / Audi
<b>Comments</b>	None		

### 1.5. BRAKES

	Front	Rear
<b>Type:</b>	Disc, solid	Drum
<b>Dimensions:</b>	13mm x 257 mm	38.6 mm x 230 mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	One	One
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper make:</b>	Porsche	
<b>Caliper type:</b>	Single piston slider	
<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>	None	

## SECTION 2 - ENGINE

### 2.1. ENGINE

<b>Make:</b>	Porsche / Audi		
<b>Model:</b>			
<b>No. cylinders:</b>	Four	<b>Configuration:</b>	In line
<b>Cylinder Block-material:</b>	Light Alloy	<b>Two/Four Stroke:</b>	Four
<b>Bore - Original:</b>	86.5 mm	<b>Max allowed:</b>	88.0 mm
<b>Stroke - original:</b>	84.4 mm	<b>Max allowed:</b>	84.4 mm
<b>Capacity - original:</b>	1984 cc	<b>Max allowed:</b>	2053 cc
<b>Identifying marks:</b>			
<b>Cooling method:</b>	Fluid		
<b>Comments:</b>			

### 2.2. CYLINDER HEAD

<b>Make:</b>	Porsche / Audi				
<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>	Belt
<b>Valve actuation:</b>	Lever				
<b>Spark plugs/cylinder:</b>	One				
<b>Identifying marks:</b>					
<b>Comments:</b>	None				

### 2.3. LUBRICATION

<b>Method:</b>	Wet sump	<b>Oil tank location:</b>	N/A
<b>Dry sump pump type:</b>	N/A	<b>Location:</b>	N/A
<b>Oil cooler standard:</b>	No	<b>Location:</b>	N/A
<b>Comments:</b>	None		

### 2.4. IGNITION SYSTEM

<b>Type:</b>	Points, Coil and Distributor
<b>Make:</b>	Bosch
<b>Comments:</b>	None

### 2.5. FUEL SYSTEM

<b>Carburettor Make:</b>	N/A	<b>Model:</b>	N/A
<b>Carburettor Number:</b>	N/A		
<b>Size:</b>			
<b>Fuel injection Make:</b>	Bosch	<b>Type:</b>	K - jetronic
<b>Supercharged:</b>	No	<b>Type:</b>	N/A
<b>Comments:</b>	None		

**SECTION 3 - TRANSMISSION**

**3.1. CLUTCH**

<b>Make:</b>	Audi
<b>Type:</b>	Diaphragm
<b>Diameter:</b>	215 mm
<b>No. of Plates:</b>	One
<b>Actuation:</b>	Cable
<b>Comments:</b>	None

**3.2. TRANSMISSION**

<b>Type:</b>	Synchromesh
<b>Make:</b>	Audi
<b>Gearbox location:</b>	Transaxle
<b>No. forward speeds:</b>	Four
<b>Gearchange type and location:</b>	Remote on floor
<b>Case material:</b>	Light alloy
<b>Identifying marks:</b>	N/A
<b>Comments:</b>	None

**3.3. FINAL DRIVE**

<b>Make:</b>	Audi	<b>Model:</b>	
<b>Type:</b>	Sprung unit - transaxle		
<b>Wheel drive method:</b>	Rear		
<b>Ratios:</b>	Various		
<b>Differential type:</b>	LSD		
<b>Comments:</b>	Later model 5 speed transaxles allowed. Transaxle with the transmission in front of the differential is permitted. Transaxle with the transmission behind the differential is not permitted.		

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	Two
<b>Location:</b>	Rear
<b>Description:</b>	Half shaft with twin CV joints
<b>Comments:</b>	None

**3.5. WHEELS & TYRES**

<b>Wheel type - Original:</b>	Cast	<b>Material - Original:</b>	Aluminium alloy
<b>Wheel type - Allowed:</b>	Period cast	<b>Material - Allowed:</b>	Aluminium alloy
<b>Fixture method:</b>	Studs	<b>No. studs:</b>	Four
<b>Wheel dia. &amp; rim width</b>	<b>FRONT</b>		<b>REAR</b>
<b>Original:</b>	5.5 & 6 x 14		5.5 & 6 x 14
<b>Allowed</b>	6 x 15		6 x 15
<b>Tyre Section:</b>			
<b>Original:</b>	185/70 - 14HR		185/70 - 14HR
<b>Allowed:</b>	205/60 - 14 or 205/60 - 15		205/60 - 14 or 205/60 - 15
<b>Aspect ratio - minimum:</b>	60% minimum aspect ratio.		
<b>Comments:</b>	Refer approved tyre list. Tyre section chosen must suit rim dimensions		

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## SECTION 4 GENERAL

### 4.1. FUEL SYSTEM

<b>Tank Location:</b>	Rear	<b>Capacity:</b>	60 litres
<b>Fuel pump, type:</b>	Electric	<b>Make:</b>	Bosch
<b>Comments:</b>	None		

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	Twelve	<b>Alternator fitted:</b>	Yes
<b>Battery Location:</b>	Engine bay		
<b>Comments:</b>	None		

### 4.3. BODYWORK

<b>Type:</b>	Two door coupe	<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>	1418 mm	<b>Rear:</b>	1372 mm
<b>Wheelbase:</b>	2400 mm	<b>Overall length:</b>	4213 mm
<b>Approved Manufacturer's kerb weight:</b>	1080 kg		
<b>Approved minimum racing weight:</b>	984 kg		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix**