



5TH CATEGORY - HISTORIC RACING

GROUP Sc

APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with a 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 CAMS Manual of Motor Sport.

Make of Car:	Porsche	Model:	924
Period of Original Manufacture:	1977 to 1982		
CAMS Historic Group:	Sc		
Date of issue of this document:	Nov 2013		



Refer to CAMS Manual of Motor Sport, Vehicle Eligibility, Historic Production Sports Cars: Groups Sa, Sb, Sc Regulations for permitted modifications.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Uni body, two door coupe of pressed & welded sheet metal
Period of Manufacture: 1977 to 1982
Manufacturer: Porsche AG
Chassis no. from:
Chassis no. location: Right front shock absorber tower
Material: Steel

1.2 FRONT SUSPENSION

Description: Independent, with McPherson struts
Spring Medium: Coil
Damper Type: Telescopic **Adjustable:** No
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: Yes **Method:** Caster, Camber & toe

1.3 REAR SUSPENSION

Description: Independent with trailing arms
Spring medium: Torsion bar
Damper type: Telescopic **Adjustable:** No
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: No **Method:**

1.4 STEERING

Type: Rack & pinion **Make:** Porsche / Audi

1.5 BRAKES

	Front	Rear
Type:	Disc, solid	Drum
Dimensions:	13 x 257 mm	38.6 x 230 mm
Material:	Cast iron	Cast iron
No. cylinders/pots per wheel:	One	One
Actuation:	Hydraulic	Hydraulic
Caliper Make:	Porsche	
Caliper Type:	Single piston slider	
Caliper Material:	Cast iron	
Master cylinder make:	Porsche	Type: Tandem
Adjustable bias:	No	
Servo Fitted:	Fitted	

SECTION 2 - ENGINE

2.1 ENGINE

Make: Porsche / Audi
Model:
No. cylinders: Four **Configuration:** Inline
Cylinder block material: Light Alloy **Two/Four Stroke:** Four
Bore - Original: 86.5 mm **Max. allowed:** 88.0 mm
Stroke - original: 84.4 mm
Capacity - original: 1984 cc **Max. allowed:** 2053 cc
Cooling method: Fluid
Identifying marks:

2.2 CYLINDER HEAD

Make: Porsche / Audi
No. of valves/cylinder: **Inlet:** One **Exhaust:** One
No. of ports total: **Inlet:** Four **Exhaust:** Four
No. of camshafts: One **Location:** Head **Drive:** Belt
Valve actuation: Lever
Spark plugs/cylinder: One
Identifying marks:

2.3 LUBRICATION

Method: Wet sump
Oil cooler standard: Yes

2.4 IGNITION SYSTEM

Type: Coil & distributor
Make: Bosch

2.5 FUEL SYSTEM

Fuel injection make: Bosch **Type:** K-jetronic

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Audi
Type: Diaphragm
Diameter: 215 mm **No. of Plates:** One
Actuation: Cable

3.2 TRANSMISSION

Type: Synchro-mesh
Make: Audi
No. forward speeds: Four **Gearbox location:** Transaxle
Gear change type and location: Remote on floor
Case material: Light alloy **Identifying marks:** N/A

3.3 FINAL DRIVE

Make: Audi
Type: Sprung unit - transaxle
Wheel drive method: Rear
Ratios: Various
Differential type: LSD

Comments:

Latter 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)

Number: Two
Description: Half shaft with twin CV joints

3.5 WHEELS & TYRES

Wheel type - Original:	Cast	Material - Original:	Aluminium alloy
Allowed:	Period cast	Allowed:	Aluminium alloy
Fixture method:	Studs	No. studs:	Four
Wheel dia. & rim width:	FRONT	REAR	
Original:	5.5 & 6 x 14	5.5 & 6 x 14	
Allowed:	6 x <u>15</u>	6 X <u>15</u>	
Tyres original:	185 / 70 - 14HR	185 / 70 - 14HR	
Tyres allowed:	205 / 60 – 14 <u>or 15</u>		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:	Rear	Capacity:	60 litre
Fuel pump type and location:	Electric	Make:	Bosch

4.2 ELECTRICAL SYSTEM

Voltage:	12	Alternator:	fitted
Battery Location:	Engine bay		

4.3 BODYWORK

Type:	Two door coupe	Material:	Steel
No. of seats:	Two	No. doors:	Two

4.4 DIMENSIONS

Track - Front:	1418 mm	Rear:	1372 mm
Wheelbase:	2400 mm	Overall length:	4213 mm
Dry weight:	1080 Kg		

4.5 SAFETY EQUIPMENT

Refer applicable Group Regulations