

Porsche 944 2.5L SOHC

**To be read in conjunction with the
CAMS Manual of Motor Sport and the Group 2B
Technical Regulations for Marque Sports Cars**

Parts and specifications shall remain in every way as supplied by Porsche (as per "Porsche 944 Models Dimensions and Tolerances" WKD 423 320) for the 944 2.5 litre SOHC model unless specified otherwise within the present document or the Group 2B Technical Regulations for Marque Sports Cars. Unless permitted in the Group 2B regulations no modifications may be made to components in order to achieve the specifications listed herein. Section numbering in this document is intended to follow that of the Group 2B Technical regulations.

1 Definition

VIN prefix used by the manufacturer for identification of eligible vehicles is:-

- 1.1 Porsche 944, VIN prefix WPOZZZ94Z or WPOAAO94
- 1.2 Cars with identification plates with other than the above codes are not necessarily prohibited from use, provided that the specifications of the car are in compliance with the above.

2 Regulations

- 2.1 No Additional restrictions.

3 Bodywork and Dimensions

- 3.1 Seam welding of the body shell is not allowed.
- 3.2 Rear bumper bar or a fibreglass replica must be retained.
- 3.3 Front air dams may not be fitted.
- 3.4 Front bumper/fascia Must be as standard or a fibreglass replica of the 944 turbo model.
- 3.5 Rear spoiler Must be as standard 944 or a fibreglass replica.
- 3.6 Rear hatch Must be the standard glass type.
- 3.7 Rear hatch restraints Must be fitted to each side of the hatch (in addition to or replacing the standard

4.9 Camshaft	Type 155.05 or 155.09 or 155.10
4.10 Crankshaft	Cross-drilling permitted only to aid lubrication.
4.11 Intake manifold	Must be standard and internally in "as cast" condition.
4.12 Exhaust manifold	Must be standard up to the point where the four pipes join, and no internal modification is allowed.
4.13 Oil System	Dry sump systems are not allowed.
4.14 Computer (ECU)	Standard Bosch DME, no modifications permitted, standard chip must be used.
4.15 Air Flow Meter	Standard, no modifications permitted.
4.16 Throttle body	Standard, no modifications permitted except that the throttle cam profile is not restricted.
4.17 Sealing of Air Flow Meters and ECU's is mandatory	
4.18 Engine components	May only be replaced with original components or dimensionally identical substitutes.

5 Piping and Fuel Tanks

5.1 No additional restrictions

6 Cooling and Oil System

6.1 Radiator	Only the standard radiator may be used
6.2 Ducting	Must not protrude below the front bumper and must be through existing body openings only. This includes driving light recesses.

7 Transmission to the Wheels

7.1 Gearbox and Differential	Type	016J or 016K
7.2 Identification	Code	5Y or 5S or ASG
7.3 Ratios	1 st	3.6000:1
	2 nd	2.1250:1
	3 rd	1.4583:1
	4 th	1.0714:1
	5 ^{th*}	0.8286:1 (016J)
	5 ^{th*}	0.7297:1 (016K)

Rev 3.5000:1

*Either 5th gear ratio may be installed.

- 7.4 Differential Limited slip or locked differential is not allowed.
- 7.5 Final Drive Ratio 3.8890:1
- 7.6 Gear linkages The original gear selector lever and its pivot point must be retained.
- 7.7 Cooling of lubricants No additional cooling of gearbox/differential lubricant is permitted. Only the standard lubrication method is allowed.
- 7.8 Tailshaft and Driveshafts Must be standard components.
- 7.9 Gearbox/differential Internal components may only be replaced with original components or dimensionally identical substitutes.

8 Suspension and Steering

- 8.1 Front Suspension Control arm inner pivot/mounting position may not be relocated. Standard aluminium arms are not recommended.
- 8.2 Rear Suspension Control arms must be standard alloy or steel arms. The damper mounting point and spring seat on the steel arms may be modified to match the alloy arm. The control arm and spring plate pivot/mounting points must remain as standard. The spring plate must remain standard.
- 8.3 Bump stops No additional restrictions.
- 8.4 Suspension Dampers Canister adjustable shock absorbers are not permitted.
- 8.5 Suspension Bushes Type must remain as standard except that non-metallic substitutes are allowed.
- 8.6 MacPherson strut top mounts Must be as standard.

8.7 Suspension brace	No additional suspension brace between the suspension top mounts is allowed.
8.8 Anti-sway bars	Settings may not be adjustable from the normal driving position.
8.9 Ride height adjustment	No additional restrictions.
8.10 Wheel track	Maximum Front 1550mm Maximum Rear 1480mm
8.11 Ride Height	No additional restrictions.
8.12 Steering and wheel alignment	Maximum Caster 3°
8.13 Wheelbase	Maximum 2400 mm

9 Brakes

9.1 Power booster	Must be standard and positioned in its original mounting.
9.2 Master Cylinder	Must be standard and positioned in its original mounting.
9.3 Brake proportioning valve.	Must not be adjustable from the normal driving position.
9.4 Front and rear brake pads	Control pads supplied by aPorschaPart, Race Brake Comp No 6.
9.5 Brake calipers	Only standard floating calipers are permitted.
9.6 Brake pistons	Only standard pistons may be used.
9.7 Brake disks	Must be standard except that slotting and/or cross drilling is permitted.

10 Wheels and Tyres

10.1 Wheel size	Maximum 15" x 8" (front and rear)
10.2 Tyres	Yokohama A032R 225/50R15
10.3 This tyre specification is controlled for 2003-2005	
10.4 Buffing and Grooving is not permitted	

11 Electrical

11.1 No additional restrictions.

12 Cockpit and Driver's Compartment

12.1 Pedals

The position of the pivot points in the pedal box must remain as standard.

12.2 Console

The standard console over the transmission tunnel or a fibreglass replica must be retained.

13 Safety Structures

13.1 Roll cage must not extend outside the cockpit.

14 Fuel

14.1 Fuel must be PULP