

CAMS

5TH CATEGORY - HISTORIC RACING

GROUP N(a)

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 CAMS Manual of Motor Sport.

Make of Car: Volkswagen

Model: 1200 Sedan
(Type 112/114)

Period of Original Manufacture: 1954 - 1958

CAMS Historic Group: N(a)

Date of Issue of this Document: 14/4/2000



This form was issued without alteration or erasure.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Backbone Platform Chassis **Period of Manufacture:**
Manufacturer: Volkswagen 1954 - 58
Chassis no. from: 1 - 781884
Chassis no. location: On Rail under Rear Seat
Material: Steel
Comments: No major Chassis change until 1964

1.2 FRONT SUSPENSION

Description: Transverse Torsion Bar
Spring medium: Torsion Bar
Damper Type: Double Acting Telescopic **Adjustable:** No
Anti-sway bar: 1 Single Sway Bar **Adjustable:** No
Suspension adjustable: No **Method:**
Comments: Utilises King and Link Pins

1.3 REAR SUSPENSION

Description: Independent - Swing Arm
Spring medium: Torsion Bar
Damper type: Double Acting Telescopic **Adjustable:** No
Anti-sway bar: Compensator Bar **Adjustable:** No
Suspension adjustable: No **Method:**
Comments: Compensator Bar should be Period Porsche 356 Type

1.4 STEERING

Type: Worm & Sector **Make:** Volkswagen
Comments:

1.5 BRAKES

	Front	Rear
Type:	Drum	Drum
Dimensions:	230 x 40	230 x 40
Material of drum/disc	Cast Iron	Cast Iron
No. cylinders/pots per wheel:	One	One
Actuation:	Hydraulic	Hydraulic
Caliper: Make, Material, Type:	N/A	
Master cylinder make:	Volkswagen	Type: Piston
Adjustable bias:	No	
Servo Fitted:	No	
Comments:	Tandem/Twin Master Cylinders may be fitted.	

SECTION 2 - ENGINE

2.1 ENGINE

Make: Volkswagen
Model:
No. cylinders: Four **Configuration:** Horizontally opposed
Cylinder Block-material: Aluminium **Four Stroke** Yes
Bore - Original: 77 **Max. allowed:** 78.5
Stroke - original: 64 **Max. allowed:** 64
Capacity - original: 1192 **Max. allowed:** 1239
Cooling method: Fan - Air Cooled
Identifying marks: 36HP Crankcase has Integral Generator Support.

Comments: As per HEC decision of December 99, 40HP crankcase may be used subject to sealing of engine by CAMS recognised engine sealer to ensure 36HP internal components are used.

2.2 CYLINDER HEAD

Make: Volkswagen
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:** Gear
Valve actuation: Pushrod
Spark plugs/cylinder: One
Identifying marks:

Comments:

2.3 LUBRICATION

Method: Gear Driven Pump **Oil tank location:** Sump
Dry sump pump type: N/A **Location:** N/A
Oil cooler standard: Yes **Location:** Top of engine case standard - may relocate

Comments: Oil Cooler may be relocated

2.4 IGNITION SYSTEM

Type: Coil & Distributor
Make: Bosch
Comments: Electronic Components Not Permitted

2.5 FUEL SYSTEM

Carburettor: Make: Solex **Model:** 34 PCIT **Size:** 34mm
Fuel injection Make: N/A **Type:**
Supercharged: N/A **Type:**
Comments: Period carburetors - one choke per two cylinders

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Volkswagen Type: Dry Plate Diameter: 200 mm
No. of Plates: One
Actuation: Cable
Comments:

3.2 TRANSMISSION

Type: Four Speed Transaxle Type
Make: Volkswagen Model: Split Case
No. forward speeds: Four Gearbox location: Rear
Gearchange type and location: Rod & Lever Floor Change
Case material: Aluminium Identifying marks: Longitudinal Separation
Comments:

3.3 FINAL DRIVE

Make: Volkswagen Model:
Wheel drive method: Swing Axles
Ratios: 4.43:1
Differential: Hypoid Type:
Comments: Transaxle Style Single Unit . Ratios Free.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 2 Location: Transaxle to Rear Wheels.
Description: Individual Driveshafts with Universal Joints
Comments:

3.5 WHEELS & TYRES

Wheel type: Original:	Steel - 5 Stud	Material: Original:	Steel
Allowed:	Steel - 5 Stud	Allowed:	Steel
Fixture method:		No. studs:	
	FRONT		REAR
Wheel dia. & rim width			
Original:	15 x 4.5		15 x 4.5
Allowed:	15 x 5.5		15 x 5.5
Tyre section:			
Original:	560 x 15		560 x 15
Allowed:	195.65 x 15		195.65 x 15
Aspect ratio - minimum:	65		
Comments:			

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Front Capacity: 40 Litres
Fuel pump, type and location: Electric - Engine Bay Make: Bosch
Comments:

4.2 ELECTRICAL SYSTEM

Voltage: 6 Volt & 12 Volt Generator fitted
Battery Location: Under Rear Seat
Comments:

4.3 BODYWORK

Type: Pressed Monocque Material: Steel
No. of seats: 4/5 No. doors: Two
Comments: Split rear window to 54 small oval rear window to mid 57.
Larger rear window mid 57 onwards.

4.4 DIMENSIONS

Track - Front: 1306 Rear: 1288
Wheelbase: 2400 Overall length: 4079
Dry weight: 713Kgs
Comments:

4.5 SAFETY EQUIPMENT

Fire extinguisher required
Seat belt required
Rollbar required
Electrical cut off switch required
Safety fuel tank optional.

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