



5TH CATEGORY - HISTORIC RACING
GROUP N
 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:	Volkswagen	Model:	1200 Sedan (Type 112/114)
Period of Original Manufacture:	1954 - 1958		
Motorsport Australia Historic Group:	Na		
Date of Issue of this Document:	1 January 2024		



Refer to The *Manual*, Historic Appendix, Vehicle Eligibility, General Requirements & Historic Touring Cars Group N Regulations for permitted modifications.

Update Log

1/1/2024	Inclusion of kerb and minimum racing weights

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Backbone platform chassis
Period of Manufacture:	1954 – 1958
Manufacturer:	Volkswagen
Chassis Number From:	1 – 781884
Chassis Number location:	On rail under rear seat
Material:	Steel
Comments	No major changes until 1964

1.2. FRONT SUSPENSION

Description:	Transverse torsion bar		
Spring Medium:	Torsion bar		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	No	Method:	N/A
Comments:	Utilises King and Link pins		

1.3. REAR SUSPENSION

Description:	Independent swing arm		
Spring Medium:	Torsion bar		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Compensator bar	Adjustable:	No
Suspension adjustable:	No	Method:	N/A
Comments:	Compensator should be period Porsche 356 type		

1.4. STEERING

Type:	Worm and sector	Make:	Volkswagen
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Drum	Drum
Dimensions:	230 mm x 40 mm	230 mm x 40 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	One	One
Actuation:	Hydraulic	Hydraulic
Caliper make:	N/A	
Caliper type:	N/A	
Material:	N/A	
Master cylinder make:	Volkswagen	
Type:	Single	
Adjustable bias:	No	
Servo Fitted:	No	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Volkswagen		
Model:	Type 1		
No. cylinders:	Four	Configuration:	Horizontally opposed
Cylinder Block-material:	Aluminium	Two/Four Stroke:	Four
Bore - Original:	77 mm	Max allowed:	78.5 mm
Stroke - original:	64 mm	Max allowed:	64 mm
Capacity - original:	1192 cc	Max allowed:	1239 cc
Identifying marks:	36HP crankcase has integral generator support		
Cooling method:	Air		
Comments:	40HP crankcase may be used.		

2.2. CYLINDER HEAD

Make:	Volkswagen		
No. of valves/cylinder:	Two	Inlet:	One
No. of ports total:	Eight	Inlet:	Four
No. of camshafts:	One	Location:	Crankcase
Valve actuation:	Pushrod and rocker		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	None		

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
Comments:	Oil cooler may be re-located		

2.4. IGNITION SYSTEM

Type:	Points, distributor & coil
Make:	Bosch
Comments:	Breakerless electronic ignition permitted

2.5. FUEL SYSTEM

Carburettor Make:	Solex	Model:	34 PCIT
Carburettor Number:	One		
Size:	34 mm		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

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

3.2. TRANSMISSION

Type:	Tansaxle type – split case
Make:	Volkswagen
Gearbox location:	Rear – in front of motor
No. forward speeds:	Four
Gearchange type and location:	Rod and lever floor change
Case material:	Aluminium
Identifying marks:	Longitudinal separation
Comments:	None

3.3. FINAL DRIVE

Make:	Volkswagen	Model:	N/A
Type:	Swing axles		
Ratios:	4.43:1		
Differential type:	Hypoid		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Tranaxle to rear wheels
Description:	Individual driveshafts with universal joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Pressed disc	Material - Original:	Steel
Wheel type - Allowed:	Alloy (period style)	Material - Allowed:	Steel Alloy
Fixture method:	Bolt on	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	4.5" x 15"		4.5" x 15"
Allowed	5.5" x 15"		5.5" x 15"
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Front	Capacity:	40 litres
Fuel pump, type:	Electrical Engine bay	Make:	Bosch
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	6 volt 12 volt	Alternator fitted:	Generator
Battery Location:	Under rear seat		
Comments:	None		

4.3. BODYWORK

Type:	Pressed monocoque	Material:	Steel
No. of seats:	Four	No. doors:	Two
Comments:	Split rear window to 1954. Small oval rear window to mid 1957. Larger rear window mid 1957 onwards.		

4.4. DIMENSIONS

Track - Front:	1306 mm	Rear:	1288 mm
Wheelbase:	2400 mm	Overall length:	4079 mm
Approved Manufacturer's kerb weight:	730 kgs		
Approved minimum racing weight:	708 kgs		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix