



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:	Chevrolet	Model:	Corvair Monza Spyder
Period of Original Manufacture:	1962-1964		
Motorsport Australia Historic Group:	Nb		
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:	Uni body, two door coupe with sub frames
Period of Manufacture:	1965 - 1966
Manufacturer:	Chevrolet
Chassis Number From:	10737SW1000001
Chassis Number location:	Stamped on the left front pinch weld in the LH front wheel well
Material:	Steel
Comments	

1.2. FRONT SUSPENSION

Description:	Independent - upper & lower wishbones		
Spring Medium:	Coil		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Fitted	Adjustable:	No
Suspension adjustable:	Yes	Method:	Caster, camber and toe
Comments:	Refer to Appendix A		

1.3. REAR SUSPENSION

Description:	Independent - upper & lower wishbones		
Spring Medium:	Coil		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Fitted	Adjustable:	No
Suspension adjustable:	No	Method:	N/A
Comments:	Refer to Appendix A		

1.4. STEERING

Type:	Recirculating ball and nut	Make:	GM
Power steering	Fitted		
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Drum	Drum
Dimensions:	228.6 mm x 44.45 mm	241 mm x 50 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	N/A	
Caliper type:	N/A	
Material:	N/A	
Master cylinder make:	Delco	
Type:	Tandem	
Adjustable bias:	None	
Servo Fitted:	No	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Chevrolet		
Model:	Turbo Air 6		
No. cylinders:	Six	Configuration:	Vee
Cylinder Block-material:	Aluminium	Two/Four Stroke:	Four
Bore - Original:	87.32 mm	Max allowed:	88.06 mm
Stroke - original:	74.67 mm	Max allowed:	74.67 mm
Capacity - original:	2687.48 cc	Max allowed:	2778.6 cc
Identifying marks:	T 0708 RL (1965) T 0730 RA (1966)		
Cooling method:	Air		
Comments:			

2.2. CYLINDER HEAD

Make:	Chevrolet		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Eight	Inlet: Four	Exhaust: Four
No. of camshafts:	One	Location: Block	Drive: Gear
Valve actuation:	Pushrod and rocker		
Spark plugs/cylinder:	One		
Identifying marks:	N/A		
Comments:	○		

2.3. LUBRICATION

Method:	Wet sump	Oil tank location:	N/A
Dry sump pump type:	No	Location:	N/A
Oil cooler standard:	No	Location:	N/A
Comments:	Oil cooler permitted.		

2.4. IGNITION SYSTEM

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

2.5. FUEL SYSTEM

Carburettor Make:	Carter	Model:	3873818 YH4020-S
Carburettor Number:	One		
Size:			
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	Turbocharged	Type:	TRW
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	GM
Type:	Dry plate
Diameter:	231.6 mm
No. of Plates:	One
Actuation:	Mechanical
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh
Make:	GM Muncie M20 model
Gearbox location:	Four
No. forward speeds:	Behind engine
Gearchange type and location:	Lever (floor mounted) thru linkage
Case material:	Alloy
Identifying marks:	N/A
Comments:	None

3.3. FINAL DRIVE

Make:	GM	Model:	Positraction
Type:	Transaxle hypoid gear		
Ratios:	Various		
Differential type:	Limited slip		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	One
Location:	Gearbox to final drive
Description:	Open tailshaft with twin uni joints
Comments:	Steel

3.1. WHEELS & TYRES

Wheel type - Original:	Pressed disc Wire spoke	Material - Original:	Steel
Wheel type - Allowed:	Period cast	Material - Allowed:	Alloy
Fixture method:	Stud and nut	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	5.5" x 13"		5.5" x 13"
Allowed	6" x 13"		6" x 13"
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:	Boot floor	Capacity:	53 litres
Fuel pump, type:	Mechanical, engine block or Electric	Make:	GM
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	12	Alternator fitted:	Alternator
Battery Location:	Engine compartment		
Comments:	None		

4.3. BODYWORK

Type:	Coupe	Material:	Steel
No. of seats:	Four	No. doors:	Two
Comments:			

4.4. DIMENSIONS

Track - Front:	1384 mm	Rear:	1384 mm
Wheelbase:	2743.2 mm	Overall length:	4656 mm
Approved Manufacturer's kerb weight:	1134 kg		
Approved minimum racing weight:	1111 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

GENERAL COMMENTS:

Appendix A

Suspension

Front

Spring height adjustment permitted.

Rear

Spring height adjustment permitted.