



5TH CATEGORY - HISTORIC RACING GROUP S APPROVED VEHICLE SPECIFICATION
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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:	Ferrari	Model:	308 GTB
Period of Original Manufacture:	1976 – 1981		
Motorsport Australia Historic Group:	Sc		
Date of Issue of this Document:	31/12/2024		



Update Log

30/6/2022	Document layout
31/12/2024	Inclusion of kerb and minimum racing weights

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Unitary construction
Period of Manufacture:	1976 – 1981
Manufacturer:	Ferrari Spa
Chassis Number From:	1895 – 4961
Chassis Number location:	LHS Rear
Material:	Steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent – wishbone		
Spring Medium:	Coil over damper		
Damper Type:	Telescopic	Adjustable:	Yes
Anti-sway bar:	Yes	Adjustable:	Yes
Suspension adjustable:	Yes	Method:	Shims
Comments:	Spring rates and ride height are free		

1.3. REAR SUSPENSION

Description:	Independent – wishbone		
Spring Medium:	Coil over damper		
Damper Type:	Telescopic	Adjustable	Yes
Anti-sway bar:	Yes	Adjustable:	Yes
Suspension adjustable:	Yes	Method:	Shims
Comments:	Spring rates and ride height are free		

1.4. STEERING

Type:	Rack and pinion	Rack and Pinion	Ferrari
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc	Disc
Dimensions:	271 mm x 22 mm	277 mm x 22 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	ATE	
Caliper type:	Fixed	
Material:	Alloy	
Master cylinder make:	ATE	
Type:	Single	
Adjustable bias:	Optional	
Servo Fitted:	Yes	
Comments:	Dual system permitted	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Ferrari Spa		
Model:	308		
No. cylinders:	Eight	Configuration:	Vee
Cylinder Block-material:	Alloy	Two/Four Stroke:	Four
Bore - Original:	81 mm	Max allowed:	82.5 mm
Stroke - original:	71 mm	Max allowed:	71 mm
Capacity - original:	2926 cc	Max allowed:	3035 cc
Identifying marks:			
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Ferrari Spa		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Sixteen	Inlet: Eight	Exhaust: Eight
No. of camshafts:	Four	Location: Heads	Drive: Belts
Valve actuation:	Buckets		
Spark plugs/cylinder:	One		
Identifying marks:			
Comments:	None		

2.3. LUBRICATION

Method:	Wet sump	Oil tank location:	N/A
Dry sump pump type:	N/A	Location:	N/a
Oil cooler standard:	No	Location:	N/A
Comments:	None		

2.4. IGNITION SYSTEM

Type:	Points, Coil and Distributor x2		
Make:	Marelli		
Comments	None		

2.5. FUEL SYSTEM

Carburettor Make:	Weber	Model:	40 DCNF
Carburettor Number:	Four		
Size:	40 mm		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Ferrari
Type:	Diaphragm
Diameter:	mm
No. of Plates:	One
Actuation:	Mechanical
Comments:	None

3.2. TRANSMISSION

Type:	Transaxle
Make:	Ferrari
Gearbox location:	Rear
No. forward speeds:	Five
Gearchange type and location:	Floor remote
Case material:	Alloy
Identifying marks:	
Comments:	None

3.3. FINAL DRIVE

Make:	Ferrari	Model:	308
Final Drive:	Rear		
Ratios:	Various		
Differential type:	Spin resistant		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	Two
Location:	Transaxle to rear wheels
Description:	Individual drive shafts
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Alloy	Material - Original:	Alloy
Wheel type - Allowed:	Period Alloy	Material - Allowed:	Alloy
Fixture method:	Studs and nuts	No. studs:	Five
Wheel dia. & rim width	FRONT		REAR
Original:	6" x 14"		6" x 14"
Allowed	7" x 15" 7" x 16"		7" x 15" 8" x 16"
Tyre Section:			
Original:	205/70 x 14 VR		205/70 x 14 VR
Allowed:	225/50 x 16		225/50 x 16
Aspect ratio - minimum:	50% minimum aspect ratio.		
Comments:	Refer approved tyre list. 7 x 15(F and R) and 8 x 16 9R) were optional equipment and are approved alternatives		

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SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Back of bulkhead	Capacity:	2 x 40 litre fuel cells - 80 litres
Fuel pump, type:	Electrical	Make:	Maranello
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Alternator
Battery Location:	Front compartment		
Comments:	None		

4.3. BODYWORK

Type:	Two seat Fixed head coupe	Material:	Steel
No. of seats:	Two	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1460 mm	Rear:	1460 mm
Wheelbase:	2340 mm	Overall length:	4220 mm
Approved Manufacturer's kerb weight:	1300 kg		
Approved minimum racing weight:	1195 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
