



5TH CATEGORY - HISTORIC RACING  
**GROUP S**  
 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.

<b>Make of Car:</b>	Ferrari	<b>Model:</b>	308 GTB
<b>Period of Original Manufacture:</b>	1976 – 1981		
<b>Motorsport Australia Historic Group:</b>	Sc		
<b>Date of Issue of this Document:</b>	30/6/2022		



***Update Log***

30/6/2022	Document layout

**SECTION 1 - CHASSIS**

**1.1. CHASSIS**

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

**1.2. FRONT SUSPENSION**

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

**1.3. REAR SUSPENSION**

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

**1.4. STEERING**

<b>Type:</b>	Rack and pinion	<b>Rack and Pinion</b>	Ferrari
<b>Comments</b>	None		

**1.5. BRAKES**

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

## SECTION 2 - ENGINE

### 2.1. ENGINE

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

### 2.2. CYLINDER HEAD

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

### 2.3. LUBRICATION

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

### 2.4. IGNITION SYSTEM

<b>Type:</b>	Points, Coil and Distributor x2		
<b>Make:</b>	Marelli		
<b>Comments:</b>	None		

### 2.5. FUEL SYSTEM

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

**SECTION 3 - TRANSMISSION**

**3.1. CLUTCH**

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

**3.2. TRANSMISSION**

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

**3.3. FINAL DRIVE**

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

**3.4. TRANSMISSION SHAFTS (EXPOSED)**

<b>Number:</b>	Two
<b>Location:</b>	Transaxle to rear wheels
<b>Description:</b>	Individual drive shafts
<b>Comments:</b>	None

**3.5. WHEELS & TYRES**

<b>Wheel type - Original:</b>	Alloy	<b>Material - Original:</b>	Alloy
<b>Wheel type - Allowed:</b>	Period Alloy	<b>Material - Allowed:</b>	Alloy
<b>Fixture method:</b>	Studs and nuts	<b>No. studs:</b>	Five
<b>Wheel dia. &amp; rim width</b>	<b>FRONT</b>		<b>REAR</b>
<b>Original:</b>	6" x 14"		6" x 14"
<b>Allowed</b>	7" x 15" 7" x 16"		7" x 15" 8" x 16"
<b>Tyre Section:</b>			
<b>Original:</b>	205/70 x 14 VR		205/70 x 14 VR
<b>Allowed:</b>	225/50 x 16		225/50 x 16
<b>Aspect ratio - minimum:</b>	50% minimum aspect ratio.		
<b>Comments:</b>	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

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

### 4.2. ELECTRICAL SYSTEM

<b>Voltage:</b>	Twelve	<b>Alternator fitted:</b>	Alternator
<b>Battery Location:</b>	Front compartment		
<b>Comments:</b>	None		

### 4.3. BODYWORK

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

### 4.4. DIMENSIONS

<b>Track - Front:</b>	1460 mm	<b>Rear:</b>	1460 mm
<b>Wheelbase:</b>	2340 mm	<b>Overall length:</b>	4220 mm
<b>Dry weight:</b>	1200 kg		
<b>Comments:</b>	None		

### 4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations
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**Appendix**