



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.

Make of Car:	Ferrari	Model:	GT 250
Period of Original Manufacture:	1961 – 1963		
Motorsport Australia Historic Group:	Sb		
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Update Log

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SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Aluminium Body over Tipo 539/62 Steel Tube Frame		
Period of Manufacture:	1961 – 1963		
Manufacturer:	Ferrari		
Chassis Number From:	1895 – 4961		
Chassis Number location:	Bulkhead		
Material:	Steel		
Comments	S1 production – 296 S2 production – 354 S3 production - 293		

1.2. FRONT SUSPENSION

Description:	Independent – upper and lower wishbone		
Spring Medium:	Coil		
Damper Type:	Telescopic	Adjustable:	No
Anti-sway bar:	Yes	Adjustable:	No
Suspension adjustable:	No	Method:	N/A
Comments:	None		

1.3. REAR SUSPENSION

Description:	Live axle with radius arms		
Spring Medium:	Semi elliptic		
Damper Type:	Telescopic	Adjustable	No
Anti-sway bar:	No	Adjustable:	N/A
Suspension adjustable:	No	Method:	N/A
Comments:	None		

1.4. STEERING

Type:	Worm and peg	Make:	
Comments	None		

1.5. BRAKES

	Front	Rear
Type:	Disc	Disc
Dimensions:	315 mm	297 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	Dunlop	
Caliper type:	Fixed	
Material:	Cast iron	
Master cylinder make:		
Type:	Single	
Adjustable bias:	No	
Servo Fitted:	No	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Ferrari		
Model:	250		
No. cylinders:	Twelve	Configuration:	Vee
Cylinder Block-material:	Alloy	Two/Four Stroke:	Four
Bore - Original:	73.00 mm	Max allowed:	74.5 mm
Stroke - original:	58.8 mm	Max allowed:	58.8 mm
Capacity - original:	2953 cc	Max allowed:	3075 cc
Identifying marks:			
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Ferrari		
No. of valves/cylinder:	Two	Inlet: One	Exhaust: One
No. of ports total:	Twelve	Inlet: Six	Exhaust: Six
No. of camshafts:	Two	Location: Heads	Drive: Chain
Valve actuation:	Rockers		
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		
Make:	Bosch or Marelli		
Comments:	None		

2.5. FUEL SYSTEM

Carburettor Make:	Weber	Model:	40 DCL/6
Carburettor Number:	Three		
Size:	40		
Fuel injection Make:	N/A	Type:	N/A
Supercharged:	No	Type:	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	
Type:	Dry plate
Diameter:	242 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	Syncromesh
Make:	Ferrari
Gearbox location:	Behind engine
No. forward speeds:	Four with electric overdrive
Gearchange type and location:	Floor remote
Case material:	Alloy
Identifying marks:	
Comments:	None

3.3. FINAL DRIVE

Make:	Ferrari	Model:	
Final Drive:	Rear		
Ratios:			
Differential type:			
Comments:			

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	One
Location:	Gearbox to final drive
Description:	Tubular tail shaft with two Hardie Spicer type universal joints
Comments:	None

3.5. WHEELS & TYRES

Wheel type - Original:	Wire	Material - Original:	Steel/Alloy
Wheel type - Allowed:	Wire	Material - Allowed:	Steel/Alloy
Fixture method:	Centre lock	No. studs:	N/A
Wheel dia. & rim width	FRONT		REAR
Original:	6" x 15"		6" x 15"
Allowed	6" x 15"		6" x 15"
Tyre Section:			
Original:	650		670
Allowed:			
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	Refer approved tyre list.		

SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Under boot floor	Capacity:	136 litres
Fuel pump, type:	Mechanical	Make:	
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	Twelve	Alternator fitted:	Generator
Battery Location:	Engine bay		
Comments:	None		

4.3. BODYWORK

Type:	Fixed head coupe	Material:	Aluminium/Steel
No. of seats:	2 + 2	No. doors:	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1395 mm	Rear:	1387 mm
Wheelbase:	2600 mm	Overall length:	4700 mm
Dry weight:	1310 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix