



5TH CATEGORY - HISTORIC RACING

GROUP Nc

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 CAMS Manual of Motor Sport.

Make of Car: Alfa Romeo GTV2000

Model:: 105 Series

Period of Original Manufacture: 10/1971 - 1976

CAMS Historic Group: Nc

Date of Issue of this Document: 26th April 2002



This form was issued without alteration or erasure.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

| | | |
|-----------------------|----------------------|-------------------------------|
| Description: | Unitary Construction | Period of Manufacture: |
| Manufacturer: | Alfa Romeo | 10/1971 -1976 |
| Chassis no. from: | AR2420001 | |
| Chassis no. location: | Firewall | |
| Material: | Steel | |
| Comments: | | |

1.2 FRONT SUSPENSION

| | | |
|------------------------|---------------------------------------|---|
| Description: | Independent – Upper & Lower Wishbones | |
| Spring medium: | Coil | |
| Damper Type: | Telescopic | Adjustable: Optional |
| Anti-sway bar: | Fitted | Adjustable: Optional |
| Suspension adjustable: | Yes | Method: Upper Control Arm Adjustment |
| Comments: | Spring Rates , Ride Height Free | |

1.3 REAR SUSPENSION

| | | |
|------------------------|--|--|
| Description: | Live Axle - Lower Trailing Arms- Transverse Link | |
| Spring medium: | Coil | |
| Damper type: | Telescopic | Adjustable: Optional |
| Anti-sway bar: | Fitted | Adjustable: Optional |
| Suspension adjustable: | Yes | Method: Trailing Arm Adjustment |
| Comments: | | |

1.4 STEERING

| | | |
|-----------|--------------------|-------------------------|
| Type | Recirculating Ball | Make: Alfa Romeo |
| Comments: | | |

1.5 BRAKES

| | | |
|---------------------------------------|----------------------------------|--------------------|
| | Front | Rear |
| Type: | Disc | Disc |
| Dimensions: | 272mm | 267mm |
| Material of drum/disc | C.Iron | C.Iron |
| No. cylinders/pots per wheel: | 2 | 2 |
| Actuation: | Hydraulic | Hydraulic |
| Caliper: Make, Material, Type: | ATE Cast Iron | ATE Cast Iron |
| Master cylinder make: | ATE | ATE |
| Adjustable bias: | Optional | Type Single |
| Servo Fitted: | Yes | |
| Comments: | Dual Master Cylinders Permitted. | |

SECTION 2 - ENGINE

2.1 ENGINE

Make: Alfa Romeo
Model: 105 - 2000
No. cylinders: 4
Cylinder Block- Aluminium Alloy
material:
Bore - Original: 84mm
Stroke - original: 88.5mm
Capacity - 1962cc
original:
Cooling method: Water
Identifying marks:
Comments:

Configuration In Line
Four Stroke
Max. allowed: 85.5mm
Max. allowed: 88.5mm
Max. allowed: 2031cc

2.2 CYLINDER HEAD

Make: Alfa Romeo
No. of valves/cylinder- Inlet: 1 Exhaust: 1
No. of ports total: 8 Inlet: 4 Exhaust: 4
No. of camshafts: 2 Location: Head Drive: Chain
Valve actuation: Buckets
Spark plugs/cylinder: 1
Identifying marks:
Comments:

2.3 LUBRICATION

Method: Wet Sump
Dry sump pump type:
Oil cooler standard: No
Comments: Oil Cooler Permitted

Oil tank location:
Location:
Location:

2.4 IGNITION SYSTEM

Type: Coil & Distributor
Make: Marelli or Bosch
Comments:

2.5 FUEL SYSTEM

Carburettor: Make: Weber (or Solex) x 2
Fuel injection Make: Model: DCOE45 (C40DDH7)
Supercharged: Type:
Comments: Type

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Various **Type:** Diaphragm **Diameter:** 216mm
No. of Plates: 1
Actuation: Hydraulic
Comments: Clutch and method of actuation free

3.2 TRANSMISSION

Type: 5 speed synchromesh

Make: Alfa Romeo
No. forward speeds: 5 **Gearbox location:** Behind Engine
Gearchange type and location: Floor - Direct
Case material: Alloy **Identifying marks:**
Comments: Gear Ratios free

3.3 FINAL DRIVE

Make: Alfa Romeo **Model:** 105

Wheel drive method: Rear
Ratios: Various
Differential: Free **Type:** Hypoid
Comments: Ratios Free.. Limited Slip Differential permitted

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 1 **Location:** Gearbox to Final Drive
Description: Tailshaft with Universal Joints
Comments:

3.5 WHEELS & TYRES

| | | |
|---|-----------------------|---------------------------------------|
| Wheel type - Original: | Pressed Steel | Material - Original: Steel |
| Allowed: | Steel or Period Alloy | Allowed: Steel or Period Alloy |
| Fixture method: | Bolt On | No. studs: 4 Studs |
| | FRONT | REAR |
| Wheel dia. & rim width - Original: | 5.5 x 14 | 5.5 x 14 |
| Allowed : | 7 x 14 or 15 | 7 x 14 or 15 |
| Tyre Section - Original: | | |
| Allowed : | 205 x 14 or 15 | 205 x 14 or 15 |
| Aspect ratio - minimum: | 60% | 60% |
| Comments: | | |

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Rear
Fuel pump, type and location: Electric
Capacity: 46 Litres
Comments: Fuel Pump/s free
Make:

4.2 ELECTRICAL SYSTEM

Voltage: 12
Generator/Alternator fitted:
Battery Location:
Comments: Alternator

4.3 BODYWORK

Type: Two Door Coupe
Material: Steel
No. of seats: 4
No. doors: 2
Comments:

4.4 DIMENSIONS

Track - Front: 1324mm (Standard)
Wheelbase: 2350mm
Dry weight: 970kg
Rear: 1274mm (Standard)
Overall length: 4100mm
Comments:

4.5 SAFETY EQUIPMENT : *Refer applicable Group Regulations*