



5TH CATEGORY - HISTORIC RACING

GROUP Nb

APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with a 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: Jaguar **Model:** 3.4 known as Mark 1
Period of Original Manufacture: 1955-1959
CAMS Historic Group: Na
Date of issue of this document: 15 November 2011



CHASSIS

1.1 CHASSIS FRAME

Description: Unibody with subframe **Period of Manufacture:** 1955-1959
Manufacturer: Jaguar
Chassis no. from: (900001-916250=RHD) – (940001 – 943742=LHD)
Chassis no. location: Front radiator support panel
Material: Steel
Comments: Body number rear floor under seat

1.2 FRONT SUSPENSION

Description: Independent wishbone
Spring medium: Coil
Damper Type: Hydraulic **Adjustable:** Yes
Anti-sway bar: Yes **Adjustable:** No
Suspension adjustable: No **Method:**
Comments:

1.3 REAR SUSPENSION

Description: Cantilevered quarter elliptic leaf spring
Spring medium: Quarter elliptic
Damper type: Hydraulic **Adjustable:** Yes
Anti-sway bar: Yes, panhard rod **Adjustable:** No
Suspension adjustable: Yes **Method:** Watts link
Comments:

1.4 STEERING

Type: Worm and ball **Make:** Burman
Comments:

1.5 BRAKES

| | Front | Rear |
|--------------------------------------|---|------------------------|
| Type: | Disk | Disk |
| Dimensions: | 11 3/8" dia. | 11" dia |
| Material of drum/disc: | Cast iron | Cast iron |
| No. cylinders/pots per wheel: | 3 | 2 |
| Actuation: | Hydraulic | |
| Caliper Make, Material, Type: | Single calliper, cast | |
| Master cylinder make: | Girling | Type: Hydraulic |
| Adjustable bias: | Yes | |
| Servo Fitted: | Yes | |
| Comments: | Use of AC/Fiat Girling 522 and 521 type callipers in place of original Dunlop callipers. Callipers available on above models from 1963 and were previously homologated in other Mk2's | |

SECTION 2 - ENGINE

2.1 ENGINE

| | | | |
|---------------------------------|---|-----------------------|---------|
| Make: | Jaguar | | |
| Model: | Mark 1/150/140/Mk 7/ Mk7M | | |
| No. cylinders: | 6 | Configuration: | In line |
| Cylinder block material: | Cast iron | Two/Four | Four |
| Bore - Original: | 83mm | Stroke: | |
| | | Max. allowed: | N/A |
| Stroke - original: | 106mm | Max. allowed: | N/A |
| Capacity - original: | 3442cc | Max. allowed: | 4200cc |
| Cooling method: | Liquid | | |
| Identifying marks: | Cast figures on engine block | | |
| Comments: | The following blocks are all the same casting and have the same max displacement (block castings include 3.4L & 3.5L) | | |

2.2 CYLINDER HEAD

| | | | | | |
|--------------------------------|---|------------------|----------|-----------------|-------|
| Make: | Jaguar | | | | |
| No. of valves/cylinder: | 2 | Inlet: | 1 | Exhaust: | 1 |
| No. of ports total: | 12 | Inlet: | 6 | Exhaust: | 6 |
| No. of camshafts: | 2 | Location: | Overhead | Drive: | chain |
| Valve actuation: | Bucket | | | | |
| Spark plugs/cylinder: | 1 | | | | |
| Identifying marks: | | | | | |
| Comments: | Early 'B' type head only Straight port head not acceptable | | | | |

2.3 LUBRICATION

| | | | |
|-----------------------------|---------------|---------------------------|-----|
| Method: | Wet sump pump | Oil tank location: | N/A |
| Dry sump pump type: | N/A | Location: | |
| Oil cooler standard: | | Location: | |
| Comments: | | | |

2.4 IGNITION SYSTEM

| | |
|------------------|-------------|
| Type: | Distributor |
| Make: | Lucas |
| Comments: | Free |

2.5 FUEL SYSTEM

| | | | |
|-----------------------------|---------------|---------------|-----------|
| Carburettor Make: | Weber x3 | Model: | 45mm DCOE |
| Fuel injection Make: | Not available | Type: | |
| Supercharged: | Not available | Type | |
| Comments: | | | |

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Fuel cell in boot **Capacity:** 60L
Fuel pump type and location: Electronic, located in boot **Make:** Facet
Comments:

4.2 ELECTRICAL SYSTEM

Voltage: 12 volt **Generator/Alternator fitted:**
Battery Location: Rear passenger side floor
Comments:

4.3 BODYWORK

Type: Closed **Material:** Steel
No. of seats: 4 **No. doors:** 4
Comments:

4.4 DIMENSIONS

Track - Front: 1387mm **Rear:** 1237mm
Wheelbase: 2727mm **Overall length:** 4591mm
Dry weight: 1350kgs
Comments:

4.5 SAFETY EQUIPMENT : Refer applicable Group Regulations