



5TH CATEGORY - HISTORIC RACING

GROUP Na

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:** Mk V11, V11M & Mk VIII
Period of Original Manufacture: Mk VII 1951 – 57, Mk VIII 1956 – 59
CAMS Historic Group: Na
Date of issue of this document: May 2014



Refer to CAMS Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars,
General Requirements & Na Regulations for permitted modifications

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Ladder with cross bracing
Period of Manufacture: 1951 to 1959
Manufacturer: Jaguar
Chassis no. from: 710001 to 769999
Chassis no. location: Firewall
Material: Mild steel

1.2 FRONT SUSPENSION

Description: Independent with twin wishbones
Spring Medium: Torsion Bar
Damper Type: Telescopic **Adjustable:** N/A
Anti-sway bar: Fitted **Adjustable:** N/A
Suspension adjustable: No

1.3 REAR SUSPENSION

Description: Live axle
Spring medium: Semi elliptical leaf
Damper type: Girling lever PV7 **Adjustable:** N/A
Anti-sway bar: None
Suspension adjustable: No

1.4 STEERING

Type: Recirculation ball **Make:** Burman

1.5 BRAKES

	Front	Rear
Type:	Drum, twin leading shoe	Drum, single leading shoe
Dimensions:	12 inch	12 inch
Material:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	One
Actuation:	Hydraulic	Hydraulic
Master cylinder make:	Girling	Type: Single
Adjustable bias:	No	
Servo Fitted:	Fitted	

SECTION 2 - ENGINE

2.1 ENGINE

Make:	Jaguar	Configuration:	In line
Model:	XK	Two/Four Stroke:	Four
No. cylinders:	Six	Max. allowed:	84.5 mm
Cylinder block material:	Cast iron	Max. allowed:	106 mm
Bore - Original:	83 mm	Max. allowed:	3567 cc
Stroke - original:	106 mm		
Capacity - original:	3441 cc		
Cooling method:	Liquid		
Identifying marks:	N/A		

2.2 CYLINDER HEAD

Make:	Jaguar	Inlet:	One	Exhaust:	One
No. of valves/cylinder:	Two	Inlet:	Six	Exhaust:	Six
No. of ports total:	Twelve	Location:	Head	Drive:	Chain
No. of camshafts:	Two				
Valve actuation:	Buckets				
Spark plugs/cylinder:	One				
Identifying marks:	N/A				

2.3 LUBRICATION

Method:	Wet sump	Oil tank location:	Sump
Oil cooler standard:	No	Location:	N/A

2.4 IGNITION SYSTEM

Type:	Distributor & coil
Make:	Lucas

2.5 FUEL SYSTEM

Carburettor Make:	SU	Model:	H6
Carburettor number:	Two	Size:	1.75 inch

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Borg & Beck
Type: A6 - G
Diameter: 9.875 inch
Actuation: Hydraulic
No. of Plates: One

3.2 TRANSMISSION

Type: Synchro – Mesh
Make: Jaguar
No. forward speeds: Four
Gear change type and location: Floor shift
Case material: Cast iron
Gearbox location: Behind engine
Identifying marks: N/A

3.3 FINAL DRIVE

Make: Jaguar
Type: Live axle
Wheel drive method: Rear
Ratios: 4.27:1
Differential: Free / open
Model: 2HA

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: One
Description: Tubular open tail shaft

3.5 WHEELS & TYRES

Wheel type - Original:	Disc	Material - Original:	Steel
Allowed:	Period cast	Allowed:	Alloy
Fixture method:	Studs	No. of:	Five
Wheel dia. & rim width:	FRONT		REAR
Original:	16 x 5.5"		16 x 5.5"
Allowed:	16 x 5.5"		16 x 5.5"
Tyres original:	600 x 16		600 x 16
Tyres allowed:	65% minimum aspect ratio, refer approved tyre list.		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:	RH & LH Rear fender	Capacity:	68 litres
Fuel pump type and location:	Electric X 2	Make:	SU - LCS

4.2 ELECTRICAL SYSTEM

Voltage:	12	Generator or Alternator:	N/A
Battery Location:	Engine bay		

4.3 BODYWORK

Type:	Closed touring	Material:	Steel
No. of seats:	Five	No. doors:	Four

4.4 DIMENSIONS

Track - Front:	1448 mm	Rear:	1473 mm
Wheelbase:	3048 mm	Overall length:	4991 mm
Dry weight:	1728 kg		

4.5 SAFETY EQUIPMENT

Refer applicable Group Regulations