



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:	3.4 (Mk 1)
Period of Original Manufacture:	1955 – 59		
CAMS Historic Group:	Na		
Date of issue of this document:	Nov 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: Uni - body
Period of Manufacture: 1955 – 59
Manufacturer: Jaguar
Chassis no. from: 900001-916250 = RHD, 940001 – 943742 = LHD
Chassis no. location: Front radiator support panel, body number on rear floor under seat.
Material: Steel

1.2 FRONT SUSPENSION

Description: Independent with upper & lower wishbones
Spring Medium: Coil
Damper Type: Telescopic **Adjustable:** Yes
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: No

1.3 REAR SUSPENSION

Description: Live rear axle with trailing arms & Panhard rod
Spring medium: Quarter elliptical
Damper type: Telescopic **Adjustable:** No
Anti-sway bar: No
Suspension adjustable: No

1.4 STEERING

Type: Worm & ball **Make:** Burman

1.5 BRAKES

	Front	Rear
Type:	Disc	Disc
Dimensions:	280 x 9.75 mm	287 x 9.5 mm
Material:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Three	Two
Actuation:	Hydraulic	Hydraulic
Caliper Make:	Dunlop	Dunlop
Caliper Type:	Fixed	Fixed
Caliper Material:	Cast iron	Cast iron
Master cylinder make:	Girling	Type: Single
Adjustable bias:	No	
Servo Fitted:	Yes	

SECTION 2 - ENGINE

2.1 ENGINE

Make:	Jaguar	Configuration:	Inline
Model:	3.4	Two/Four Stroke:	Four
No. cylinders:	Six	Max. allowed:	84.5 mm
Cylinder block material:	Cast iron	Max. allowed:	106.0 mm
Bore - Original:	83.0 mm	Max. allowed:	3567 cc
Stroke - original:	106.0 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:	Cain
No. of camshafts:	Two				
Valve actuation:	Buckets				
Spark plugs/cylinder:	One				
Identifying marks:	N/A				
Comments:	Early 'B' type head only. Straight port head not acceptable.				

2.3 LUBRICATION

Method:	Wet sump
Oil cooler standard:	No

2.4 IGNITION SYSTEM

Type:	Points & coil
Make:	Lucas

2.5 FUEL SYSTEM

Carburettor Make:	SU	Model:	HD6
Carburettor number:	Two	Size:	44.45 mm

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Borg & Beck
Type: Diaphragm
Diameter: 250 mm
Actuation: Hydraulic
No. of Plates: One

3.2 TRANSMISSION

Type: Synchro – mesh
Make: Jaguar
No. forward speeds: Four with overdrive
Gearbox location: Behind engine
Gear change type and location: Centre floor
Case material: Cast iron
Identifying marks: N/A

3.3 FINAL DRIVE

Make: Jaguar
Model: 4HA
Type: Live axle
Wheel drive method: Rear
Ratios: Variable
Differential type: Open / Free
Comments: Differential type is cast onto differential case.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: One
Description: Tubular steel open tailshaft

3.5 WHEELS & TYRES

Wheel type - Original:	Wire	Material - Original:	Steel spoke
Allowed:	Period cast	Allowed:	Alloy
Fixture method:	Studs	No. studs:	Five
Wheel dia. & rim width:	FRONT		REAR
Original:	15 x 5 inch		15 x 5 inch
Allowed:	15 x 5 inch		15 x 5 inch
Tyres original:	N/A		N/A
Tyres allowed:	65% minimum aspect ratio, refer approved tyre list.		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:	Boot floor	Capacity:	60 litre
Fuel pump type and location:	Electronic / in boot	Make:	Various

4.2 ELECTRICAL SYSTEM

Voltage:	12	Generator or Alternator:	
Battery Location:	Engine bay		

4.3 BODYWORK

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

4.4 DIMENSIONS

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

4.5 SAFETY EQUIPMENT

Refer applicable Group Regulations