

C A M S

5TH CATEGORY - HISTORIC RACING

GROUP Na

APPROVED VEHICLE SPECIFICATION

This form details the approved specification of individual vehicle models in the Na production saloon 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.

Make of car: JAGUAR

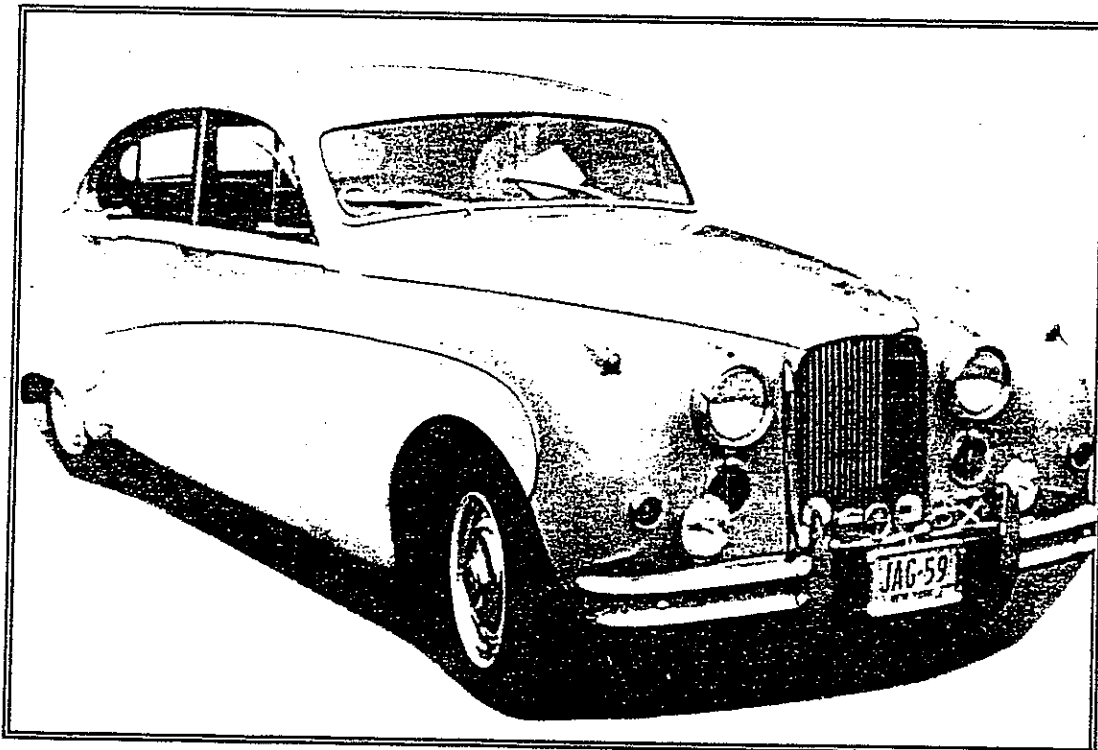
Model: MK VII, VIIM, MK VIII

Period of original manufacture: MKVII 1951-57, MK VIII 1956-59

CAMS Historic group: Na

Date of issue of this Document:

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SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description : LADDER FRAME, CROSS BRACED
Manufacturer : JAGUAR Period of manufacture: 1951-59
Chassis nos. from : 710001 to: 769999
Chassis no. location : FIREWALL
Material : MILD STEEL
COMMENTS : NIL

1.2 FRONT SUSPENSION

Description : IFS TWIN WISHBONES
Spring medium : TORSION BAR
Damper type : TUBULAR Adjustable : N/A
Anti-sway bar : YES Adjustable : N/A
Suspension adjustable NO Method : N/A
COMMENTS : RIDE HEIGHT AND SPRING RATE FREE

1.3 REAR SUSPENSION

Description : LIVE AXLE
Spring medium : SEMI ELLIPTIC LEAF
Damper type : GIRLING LEVER PV7 Adjustable : NO
Anti-sway bar : NO Adjustable : NO
Suspension adjustable NO Method : N/A
COMMENTS : RIDE HEIGHT AND SPRING RATE FREE

1.4 STEERING

Type : RECIRCULATING BALL Make : BURMAN
COMMENTS : NIL

1.5 BRAKES

	<u>Front</u>	<u>Rear</u>
Type :	DRUM	DRUM
Dimensions :	12"	12"
Material of drum :	CAST IRON	CAST IRON
No. cyls per wheel :	2 (2LS)	1 (SINGLE LS)
Actuation :	HYDRAULIC	HYDRAULIC
Caliper; Make, Material, Type :	N/A	N/A
Master cyl make ;	GIRLING	Type : SINGLE
Adjustable bias :	NO	
Servo fitted :	YES	
COMMENTS :	TANDEM M/CYL ALLOWED	

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank location : REAR WINGS (2) Capacity, litres : 68
Fuel pump; type : ELECTRIC Make : 2 x SU, TYPE LCS
COMMENTS : NIL

4.2 ELECTRICAL SYSTEM

Voltage : 12
Battery; location : ENGINE BAY
COMMENTS : NIL

4.3 BODYWORK

Type : SALOON Material : STEEL
No. of seats : 5 No. doors : 4
COMMENTS : NIL

4.4 DIMENSIONS

Track; front ; 1448 mm Track, rear : 1473 mm
Wheelbase; 3048 mm Overall length : 4991 mm
Dry weight : 1728 kg
COMMENTS : NIL

4.5 SAFETY EQUIPMENT

Fire Extinguisher : REQUIRED
Seat belt : REQUIRED
Roll bar : REQUIRED
Electrical cut off switch : RECOMMENDED
Safety fuel tank : RECOMMENDED
COMMENTS : NIL

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make : BORG AND BECK Type : A6-G Dia. : 9.875"
No. of plates : 1
Actuation : HYDRAULIC
COMMENTS : NIL

3.2 TRANSMISSION

Make : JAGUAR Model : SH,JH,SL,JL SERIES
Case material : C.IRON
No. forward speeds : 4 Gearchange Type : FLOOR CHANGE
Gearbox location : BEHIND ENGINE
Identifying marks :
COMMENTS : RATIOS FREE

3.3 FINAL DRIVE

Make : SALISBURY Model : 2HA
Wheel drive method : REAR
Ratio : 4.27:1
Differential : FREE Model :
COMMENTS : RATIOS FREE

3.4 TRANSMISSION SHAFTS (EXPOSED)

No. 1 Location : TAILSHAFT
Description : TUBULAR
COMMENTS : NIL

3.5 WHEELS AND TYRES

Wheel , type : DISC Material : STEEL
Fixture method : BOLT ON No. studs : 5

	Front	Rear
Wheel dia. & rim width ; original :	16 x 5.5"	16 x 5.5"
Allowed :	16 x 5.5"	16 x 5.5"
Tyre section ; original :	600 x 16	600 x 16
Allowed :	205 x 16	205 x 16
	205 x 15	205 x 15

Aspect ratio, minimum : 65%
COMMENTS : NIL

SECTION 2 - ENGINE

2.1 ENGINE

Make : JAGUAR
Model : XK
No. cylinders : 6 Configuration : IN LINE FOUR stroke.
Cylinder block , material : CAST IRON
Bore ; original : 83 mm Max. allowed : 84.5 mm
Stroke ; original : 106 mm Max allowed : 106 mm
Capacity ; original ; 3442 CC Max. allowed : 3568 CC
Cooling method : WATER
Identifying marks :
COMMENTS : NIL

2.2 CYLINDER HEAD

Make : JAGUAR
No. valves per cyl : 2 Inlet : 1 Exhaust 1
No of ports, total : 12 Inlet : 6 Exhaust 6
No camshafts : 2 Location : HEAD Drive : CHAIN
Valve actuation : OHC
Spark plugs per cyl. : 1
Identifying marks :
COMMENTS : NIL

2.3 LUBRICATION

Method : WET SUMP
Oil cooler standard : NO Location : N/A
COMMENTS : OIL COOLER ALLOWED

2.4 IGNITION SYSTEM

Type : DISTRIBUTER AND COIL Make : LUCAS
COMMENTS : NIL

2.5 FUEL SYSTEM

Carburettor ; Make : SU Model : H6 No. : 2
Size : 1.75" & 2"
Fuel injection ; Make : NO Type : N/A
Supercharged : NO Type : N/A
Make : N/A Drive : N/A
COMMENTS : 3 X SU CARBURETTORS ALLOWED
THROAT SIZE UNRESTRICTED