

Manufacturers Reference No. for Application

JAG/4



F.I.A. Recognition No. 1012

ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.1.

Federation Internationale de l'Automobile.

*Form of Recognition in accordance with
Appendix J to the
International Sporting Code.*

Manufacturer Jaguar Cars Limited.

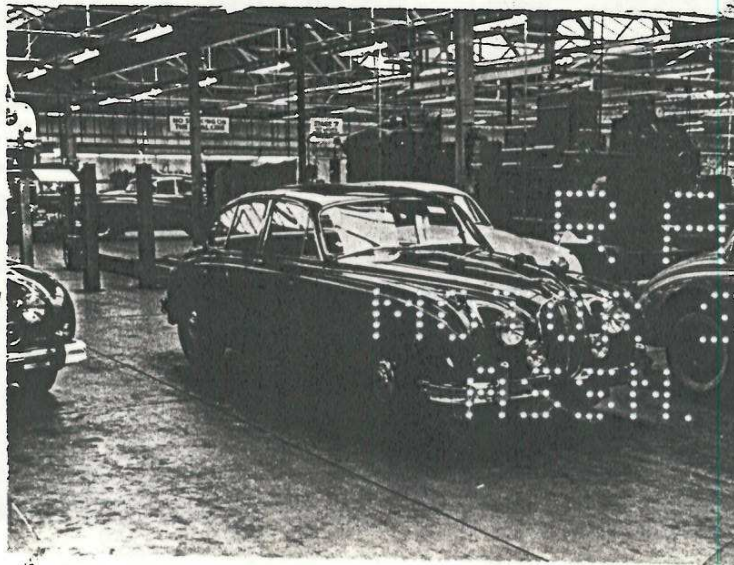
Model 3.8 litre Mark 2 Year of Manufacture 1959 - 60

Serial No. of Chassis 200001 R.H. Drive 210001 L:H. Drive

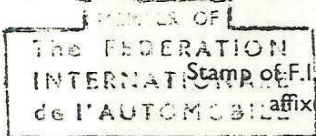
Engine L.A. 1001

Type of Coachwork Saloon

Recognition is valid from In category Group 1, Touring



Photograph to be affixed



Stamp of F.I.A./R.A.C. to be affixed here.

Form: R.F.I.A.

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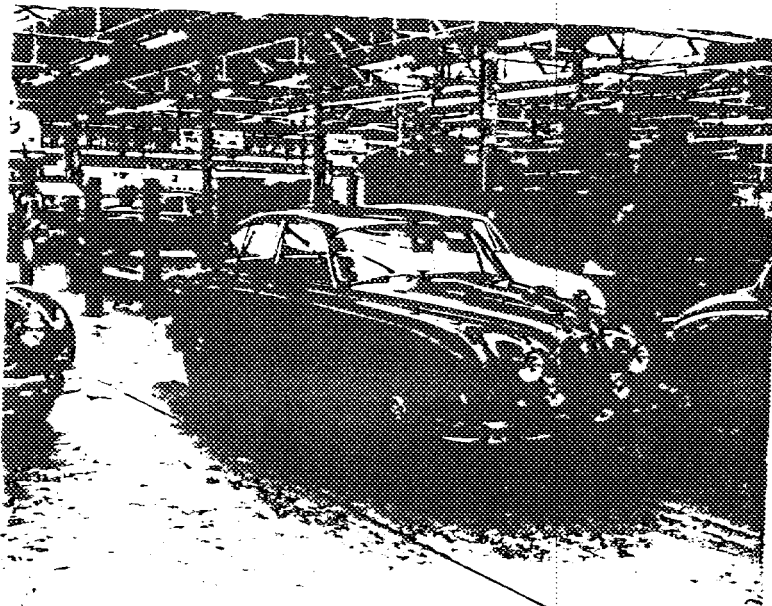
Model 3.0 Litre Mark 2 Year of Manufacture 1959 - 60

Serial No. of Chassis 200001 R.H. Drive 210001 L.H. Drive

Engine L.L. 1.101

Type of Coachwork Saloon

Recognition is valid from _____ In category Group 1, Touring



Photograph to be affixed

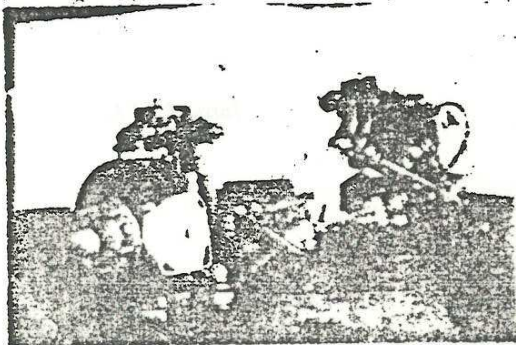
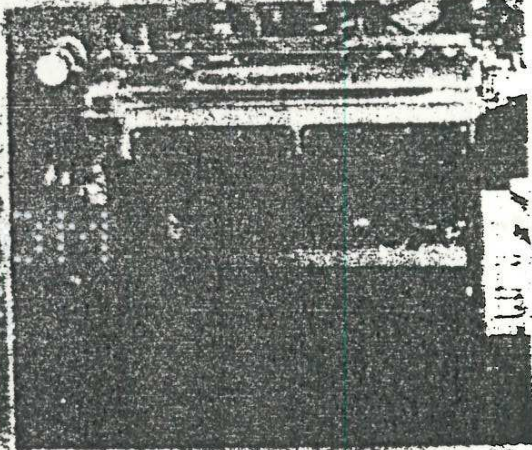
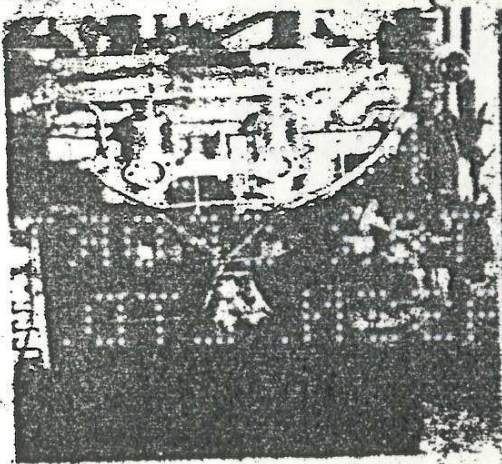
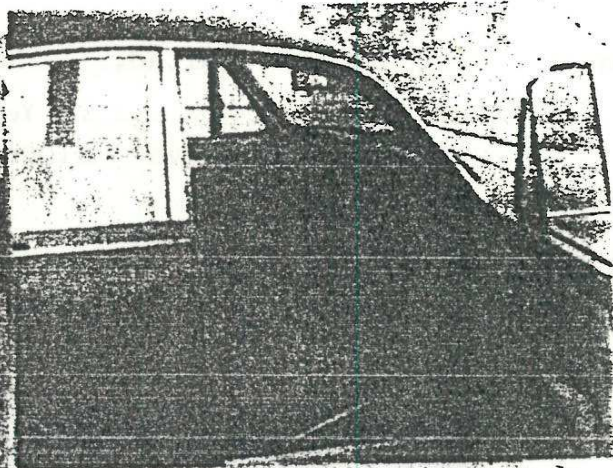
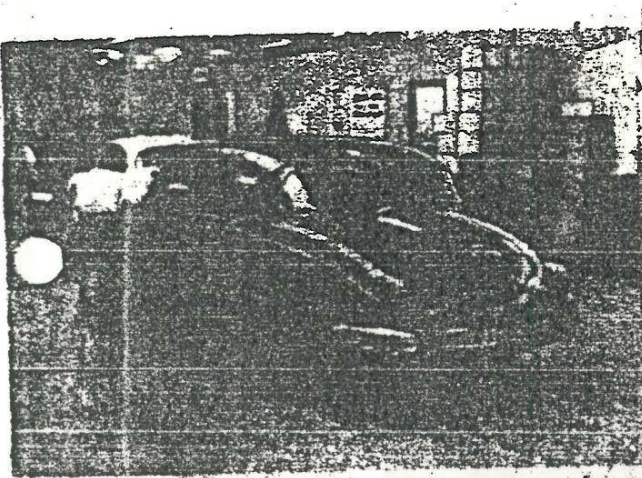
Stamp of F.I.A. R.A.C. to be
affixed here.

Form: R.F.I.A.

General description of car:

Specify here material/s of chassis/body construction

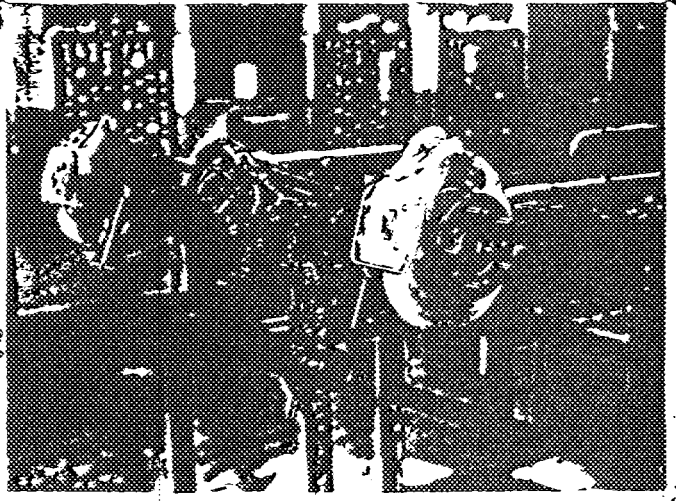
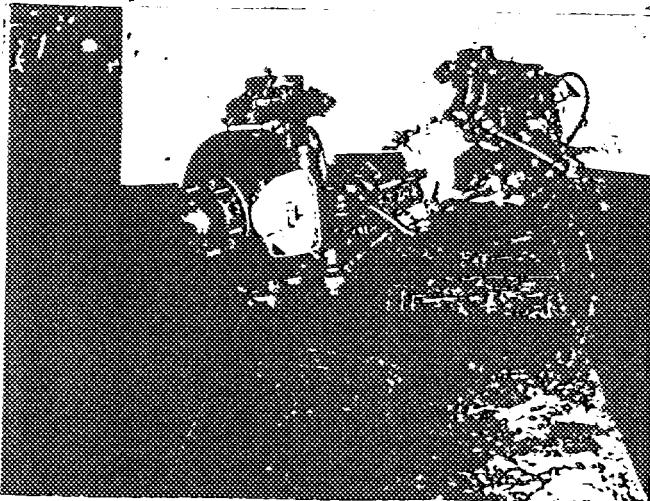
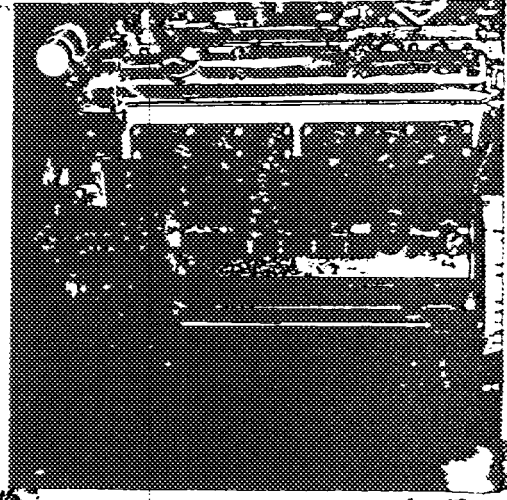
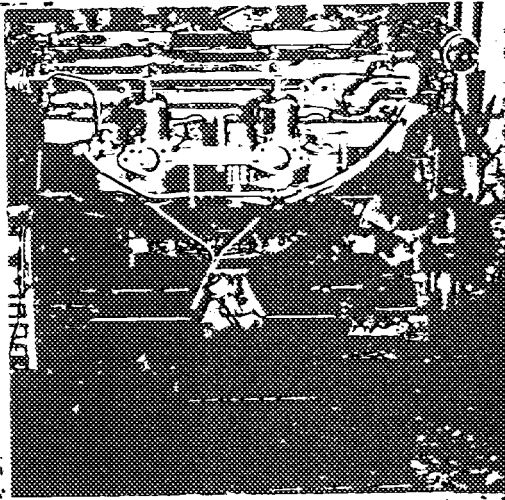
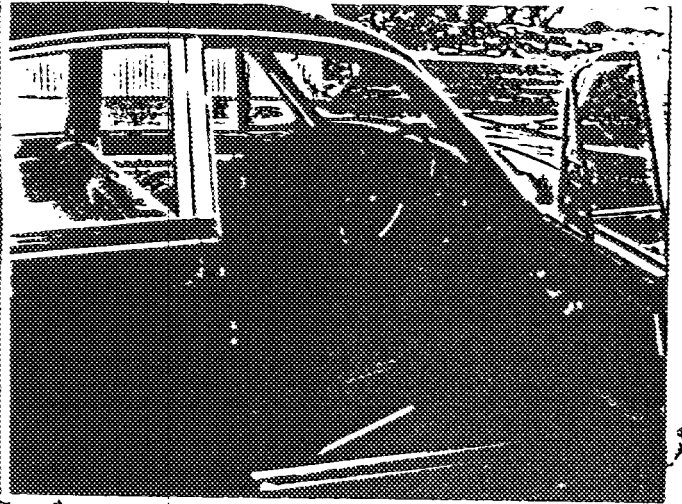
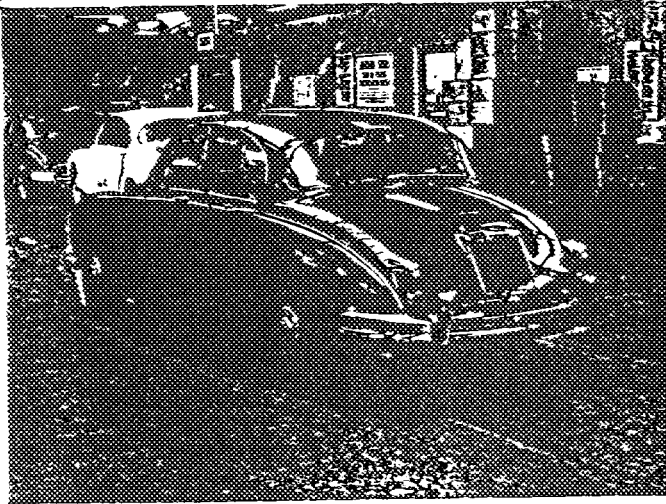
3.8 litre saloon. Standard transmission, Overdrive or Automatic transmission. Disc or Wire wheels



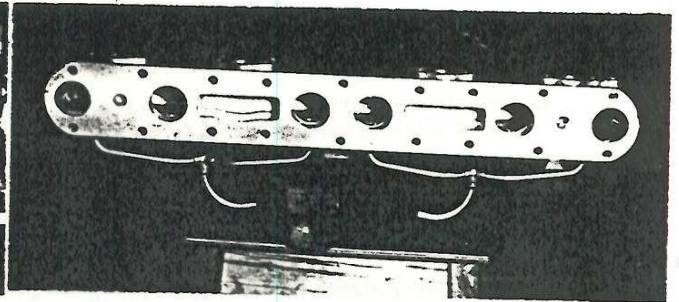
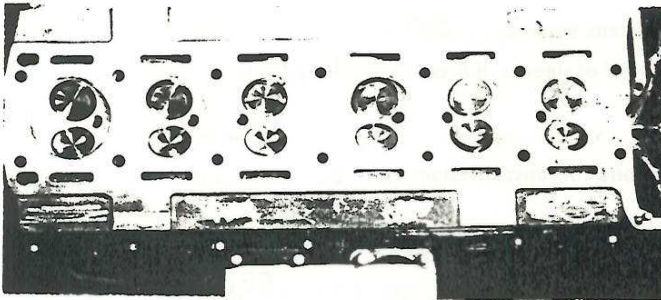
General description of car

*Specify here material/s of
chassis/body construction*

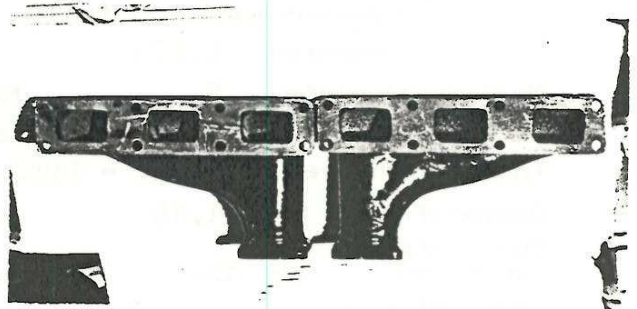
3.8 litre saloon, Standard transmission, Overdrive or
Automatic transmission. Disc or Wire wheels



Air filter: Type Oil bath or paper No. fitted 1
 Inlet manifold:
 Diameter of flange hole at carburettor 44.4 m.m.
 Diameter of flange hole at port 38.0 m.m.



Exhaust manifold:
 Diameter of flange hole at port 34.92 x 53.97 m.m.
 Diameter of flange hole at connection to silencer inlet pipe 47.62 m.m.



ENGINE ACCESSORIES

Make of fuel pump S.U. No. fitted 1
 Method of operation Electric
 Type of ignition system coil coil or magneto
 Make of ignition Lucas Model _____
 Method of advance and retard Centrifugal and Vacuum
 Make of ignition coil Lucas Model H.A.12
 No. of ignition coils 1 Voltage 12
 Make of dynamo Lucas Model C45 PVS/6
 Voltage of dynamo 12 Maximum output 35 amps.
 Make of starter motor Lucas Model M.45G
 Battery: No. fitted 1 Voltage 12 Capacity 72 amp. hour
 Oil Cooler (if fitted) type _____ Capacity _____ pints

Make Jaguar Model 3.8 Mk II F.I.A. Recognition No. 1019

Manufacturers Reference No. of Application _____

TRANSMISSION

Make of clutch Borg and Beck Type Single dry plate
 Diameter of clutch plate 254 m.m. (10") No. of plates 1
 Method of operating clutch Hydraulic
 Make of gearbox Jaguar Type 4 speed synchromesh
 No. of gearbox ratios 4 and reverse
 Method of operating gearshift Manually
 Location of gearshift Top of gearbox (body floor)
 Is overdrive fitted? Yes, optional
 Method of controlling overdrive, if fitted Solenoid, electric switch

	GEARBOX RATIOS		ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1.	3.378:1	$\frac{38}{27} \times \frac{36}{15}$	2.98:1	$\frac{37}{28} \times \frac{36}{16}$				
2.	1.86:1	$\frac{38}{27} \times \frac{37}{28}$		$\frac{37}{28} \times \frac{37}{28}$				
3.	1.286:1	$\frac{38}{27} \times \frac{31}{34}$		$\frac{37}{28} \times \frac{31}{34}$				
4.	1.0:1	-	1.0:1	-				
5.								

Type of final drive Hypoid gears, semi-floating
 Type of differential Thornton 'Powr-Lok' differential
 Final drive ratio 3.54:1 Alternatives 3.77:1
 No. of teeth 13 x 46 13 x 49
 Overdrive ratio, if fitted 0.778:1

WHEELS

Type Disc or Wire spoke Weight Disc 8.12, Wire 9.16 kg.
 Method of attachment Disc - 5 nuts, Wire - Centre lock hub cap
 Rim diameter 581 m.m. Rim width Disc 114, Wire 127 m.m.
 Tyre size: Front 6.00/6.40 x 15 Rear 6.00/6.40 x 15

BRAKES

Method of operation Hydraulic
 Is servo assistance fitted? Yes
 Type of servo, if fitted Lockheed 6 $\frac{7}{8}$ "
 No. of hydraulic master cylinders 1 Bore 22 m.m.

	Front		Rear
No. of wheel cylinders	4		4
Bore of wheel cylinders	54	m.m.	38
Inside diameter of brake drums	--	m.m.	--
No. of shoes per brake	--		--
Outside diameter of brake discs	280	m.m.	289
No. of pads per brake	2		2
Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)			

	Front		Rear
Length	54	m.m.	54
			m.m.
Width	47.5	m.m.	47.5
			m.m.
Total area per brake	5120	m.m. ²	5120
			m.m. ²

SUSPENSION

	Front		Rear
Type	Independent		Cantilever
Type of spring	Coil		Semi-elliptic leaf
Is stabiliser fitted?	Yes		Yes
Type of shock absorber	Telescopic		Telescopic
No. of shock absorbers	2		2

STEERING

Type of steering gear Burman re-circulating ball

Turning circle of car 10.21 m., approx.

No. of turns of steering wheel from lock to lock 4 1/2 or 3 1/2 or 4 1/2 with power steering

CAPACITIES AND DIMENSIONS

Fuel tank 54 1/2 litres Sump 6 1/2 litres

Radiator 3.84 litres

Overall length of car 459.1 cm. Overall width of car 169.5 cm.

Overall height of car, unladen (with hood up, if appropriate) 146.0 cm.

Distance from floor to top of windscreen:

Highest point 107 cm. Lowest point 102 cm.

Width of windscreen:

Maximum width 151 cm. Minimum width 114

*Interior width of car 130 cm.

No. of seats 3 (5 seater)

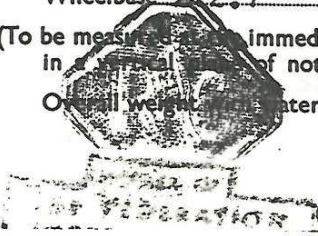
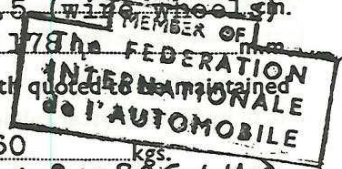
Track: Front 139.7 (disc wheels) Rear 135.6 (disc wheels)

Wheelbase 272.7 cm. Ground clearance 137.5 (wire wheels)

*(To be measured at the immediate rear of the steering wheel, and the width quoted is of not less than 25 cms.)

Overall weight, water, oil and spare wheel, but without fuel 1460 kgs.

FROM 200256 R.H.D. and 210895 L.H.D. 30.4.62



Additional information for cars fitted with two-cycle engines

System of cylinder scavenging.....

Type of lubrication.....

Size of inlet port:

Length measured around cylinder wall.....m.m.

Height.....m.m. Area.....m.m.²

Size of exhaust port:

Length measured around cylinder wall.....m.m.

Height.....m.m. Area.....m.m.²

Size of transfer port:

Length measured around cylinder wall.....m.m.

Height.....m.m. Area.....m.m.²

Size of piston port:

Length measured around piston.....m.m.

Height.....m.m. Area.....m.m.²

Method of pre-compression.....

Bore and stroke of pre-compression cylinder, if fitted.....m.m.

Distance from top of cylinder block to lowest point of inlet port.....m.m.

Distance from top of cylinder block to highest point of exhaust port.....m.m.

Distance from top of cylinder block to highest point of transfer port.....m.m.

Drawing of cylinder ports.

Supercharger, if fitted

Make.....

Model or Type No.....

Type of drive.....

Ratio of drive.....

Fuel injection, if fitted

Make of pump.....

Model or Type No.....

Make of injectors.....

Model or Type No.....

Location of injectors.....

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Optional equipment affecting preceding information:—

Additional fuel tank, capacity 50 litres, making a total of 54.5 plus 50 = 104.5 litres.

From 23rd August, 1962

Further auxiliary fuel tank, capacity 50 litres, making total capacity available as 54.5 (standard) plus 50 (see 1. above) plus 50 = 154.5 litres.

3. Dual fuel pumps.
4. 152.4 m.m. rim width wire wheels, making the track 145.1 c.m. (front) and 141.6 c.m. (rear)—weight 13.18 Kg.
5. Further alternative final drive ratio:— 4.00 : 1 (11 x 45)

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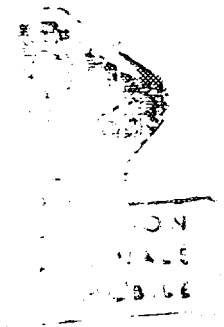
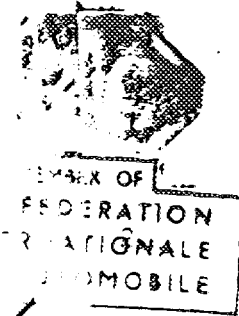
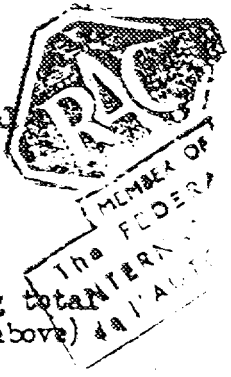
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From 23rd August, 1962

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2. Dual fuel pumps.
3. 152.4 c.m. rim width wire wheels, making the track 145.1 c.m. (front) and 141.5 c.m. (rear)—weight 13.12 kg.
5. Further alternative final drive ratio :- 4.09 : 1 (11 x 45)



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Amendment to Form of Recognition

Manufacturer JAGUAR CARS LTD

Model 3.8 litre Mk 2

Add to optional equipment:

TRANSMISSION

Additional final drive ratios

4.27:1 Pt No. 6309 4.55:1 Pt No. 6310 4.78:1 Pt No. 10452
47/11 50/11 43/9

WHEELS

139.7mm rim width wire wheels. Part No. C 18922

Track 143.8 cm (front) and 140.3 cm (rear). Weight 11.14 kg.

BRAKES

35mm bore rear wheel cylinders. Part No. VBO 5526

FUEL CAPACITY

Auxiliary fuel tank, capacity 35.5 litres. Part No. C 17883/35



Date amendment is valid from

11 July 1964
Form: R.F.I.B.