Manufacturers Reference No. for Application .....

F.I.A. Recognition No. 1206

ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.I.

Federation Internationale de l'Automobile.

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

Manufacturer THE ROVER CO. LTD.,

Model ROVER '95' Year of Manufacture 1962

Serial No. of Chassis 76000001

Engine 76000001

Type of Coachwork Saloon.

Recognition is valid from 9/5/63 In category Touring.

Photograph to be affixed here ¾ view of car from front right.

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

Form: R.F.I.A.

General description of car:

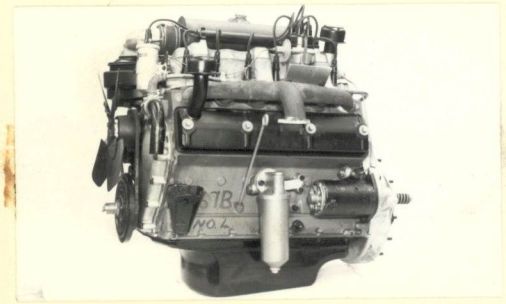
Specify here material/s of chassis/body construction

Photographs to be affixed below.

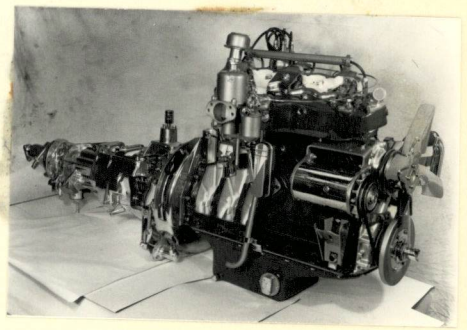
¾ *view of car from rear left.*

Interior view

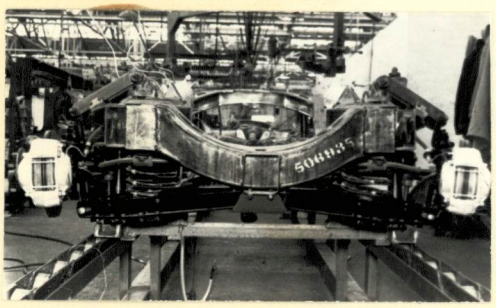
Engine unit with accessories from right.



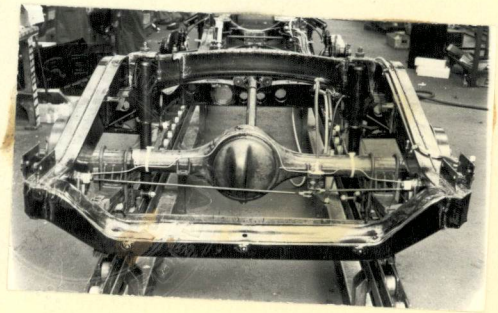
Engine unit with accessories from left.



Front axle complete (without wheels)



Rear axle complete (without wheels).



ENGINE

No. of cylinders 6 — in line yes; in V –; opposed –

Cycle Four Stroke — Firing order 153624

Capacity 2625 c.c. — Bore 77.8 m.m. — Stroke 92.075 m.m.

Maximum rebore 1 MM — Resultant capacity 3.02 c.c.

Material of cylinder block Cast Iron — Material of sleeves, if fitted –

Distance from crankshaft centre line to top face of block at centre line of cylinders 318281 m.m.

Material of cylinder head Aluminum — Volume of one combustion chamber 56.1 c.c.

Compression ratio 8.8 or 7.8 opt

Material of piston Aluminum alloy. — No. of piston rings 18

Distance from gudgeon pin centre line to highest point of piston crown – m.m.

Bearings:
- Crankshaft main bearings: Type Copper lead — Dia. 57.1 m.m.
- Connecting rod big end: Type Lead bronze. — Dia. 47.6 m.m.

Weights:
- Flywheel 12.1 kg.
- Crankshaft 24.3 kg.
- Connecting rod 0.935 kg.
- Piston with rings 0.44 kg.
- Gudgeon pin .0851 kg.

No. of valves per cylinder 2 — Method of valve operation Push rod.

No. of camshafts 1 — Location of camshafts Side

Type of camshaft drive Chain.

Diameter of valves:	Inlet	46.3 m.m.	Exhaust	32.8 m.m.
Diameter of port at valve seat:	Inlet	39.03 m.m.	Exhaust	29.06 m.m.
Tappet clearance for checking timing:	Inlet	.006" ~~m.m.~~	Exhaust	.010" ~~m.m.~~
Valves open:	Inlet	11° BTDC	Exhaust	46 BBDC
Valves close:	Inlet	47° ABDC	Exhaust	78 ATDC
Maximum valve lift:	Inlet	9.828 m.m.	Exhaust	9.828 m.m.

Degrees of crankshaft rotation from zero to—

Maximum lift:	Inlet	114	Exhaust	256
¾ Maximum lift:	Inlet	79	Exhaust	225

Valve springs:

	Inlet	*Exhaust*
Type	Coil	Coil
No. per valve	2	2

Carburettor: Type Horizontal (up or down draft, horizontal) — No. fitted 1

Make S.U. — Model HD6

Flange hole diameter 44.5 m.m. — Choke diameter 44.5 m.m.

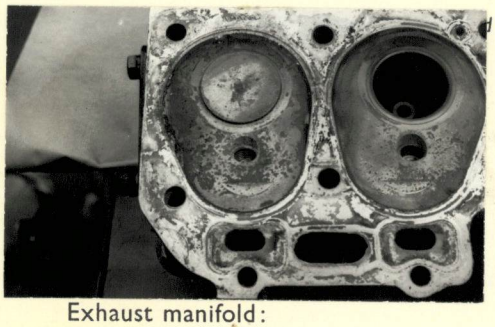
Main jet identification No. – Needle 55.

Air filter: Type Oil Bath. No. fitted 1

Inlet manifold:

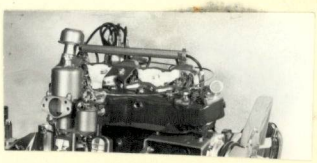
Diameter of flange hole at carburettor 44.5 m.m.

Diameter of flange hole at port - m.m.



d here.

Photograph of inlet manifold to be affixed here.



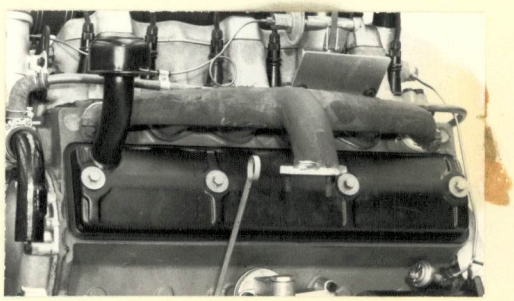
Exhaust manifold:

Diameter of flange hole at port 50.79 m.m.

Diameter of flange hole at connection to silencer inlet pipe 50.79 m.m.

Photograph of piston showing crown to be affixed here.

Photograph of exhaust manifold to be affixed here.



ENGINE ACCESSORIES

Make of fuel pump S.U No. fitted 2

Method of operation Electrical

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 HA 12

No. of ignition coils 1 Voltage 12

Make of dynamo Lucas Model C40

Voltage of dynamo 12 Maximum output 22 amps.

Make of starter motor Lucas Model

Battery: No. fitted 1 Voltage 12 Capacity 57 amp. hour

Oil Cooler (if fitted) type - Capacity - pints

Make ROVER Model 95. F.I.A. Recognition No.

Manufacturers Reference No. of Application P413

TRANSMISSION

Make of clutch Borg & Beck Type Dry Plate

Diameter of clutch plate 9" No. of plates 1

Method of operating clutch Mechanical

Make of gearbox Rover Type Syncromesh

No. of gearbox ratios 4

Method of operating gearshift Manual

Location of gearshift Central Floor

Is overdrive fitted? Opt. Extra

Method of controlling overdrive, if fitted Electrical

	GEARBOX RATIOS		ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1.	3.376	20x31/17	x37					
2.	2.043	20x31/22	x29					
3.	1.377	20x31/27	x24					
4.	1							
5.								

Type of final drive Crown Wheel

Type of differential Spiral Bevel

Final drive ratio 3.9 Alternatives 4.3

No. of teeth 10- 39 10 - 43

Overdrive ratio, if fitted .778

WHEELS

Type Pressed Steel Weight 9.82 kg.

Method of attachment 5 Stud & Nut

Rim diameter 380.238 m.m. Rim width 1270 m.m.

Tyre size: Front 640 x 15 Rear 640 x 15

BRAKES

Method of operation Hydraulic

Is servo assistance fitted? Yes

Type of servo, if fitted Girling Vacuum

No. of hydraulic master cylinders 1 Bore 25.4 m.m.

	Front	Rear
No. of wheel cylinders	N/A	One Per Wheel
Bore of wheel cylinders	N/A m.m.	19.050 m.m.
Inside diameter of brake drums	N/A m.m.	279.4 m.m.
No. of shoes per brake	N/A	2
Outside diameter of brake discs	274 m.m.	NA m.m.
No. of pads per brake	2	NA

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	15,3 m.m.	220 m.m.
	- m.m.	- m.m.
Width	60.33 m.m.	57 m.m.
Total area per brake	9225 m.m.²	25080 m.m.²

SUSPENSION

	Front	Rear
Type	Independant	Solid Axle
Type of spring	Coil	Semi Elliptic Leaf
Is stabiliser fitted?	Yes	No
Type of shock absorber	Hydraulic	Hydraulic
No. of shock absorbers	2	2

STEERING

Type of steering gear: Worm and Nut

Turning circle of car: 11.25 m., approx.

No. of turns of steering wheel from lock to lock: 4½

CAPACITIES AND DIMENSIONS

Fuel tank: 52 litres Sump: 6 litres

Radiator: 10 litres

Overall length of car: 453 cm. Overall width of car: 167 cm.

Overall height of car, unladen (with hood up, if appropriate): 162 cm.

Distance from floor to top of windscreen:

Highest point: 10.411 cm. Lowest point: 10.411 cm.

Width of windscreen:

Maximum width: 11.648 cm. Minimum width: 10.922 cm.

*Interior width of car: 13.72 cm.

No. of seats: 4/5

Track: Front: 133 cm. Rear: 131 cm.

Wheelbase: 282 cm. Ground clearance: 181 m.m.

*(To be measured at the immediate rear of the steering wheel, and the width quoted to be maintained in a vertical plane of not less than 25 cms.)

Overall weight with water, oil and spare wheel, but without fuel: 1437 kgs.

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.....

Optional equipment affecting preceeding information:—