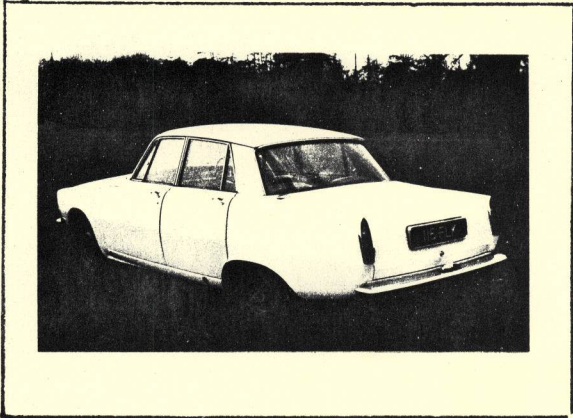
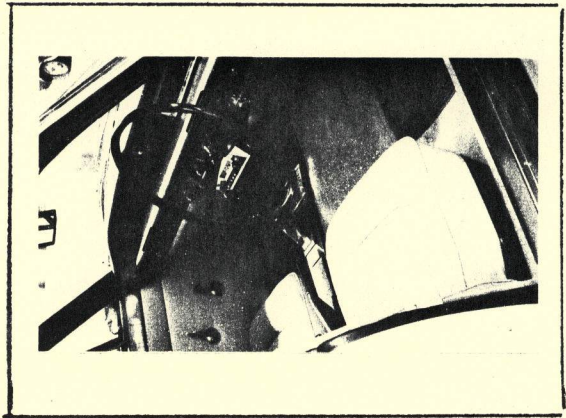


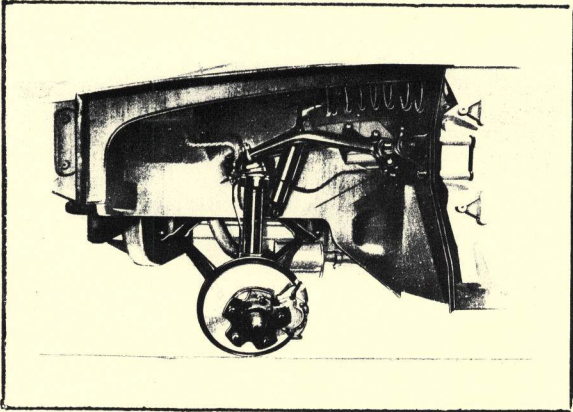
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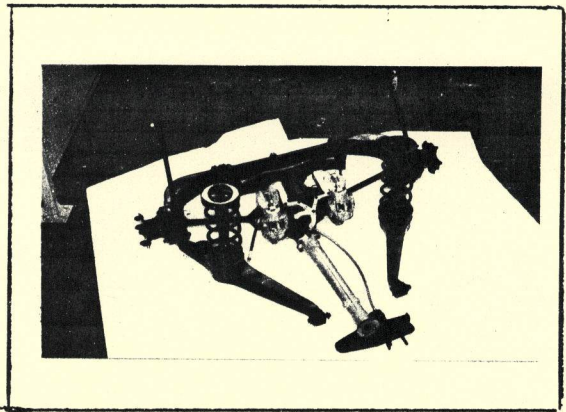
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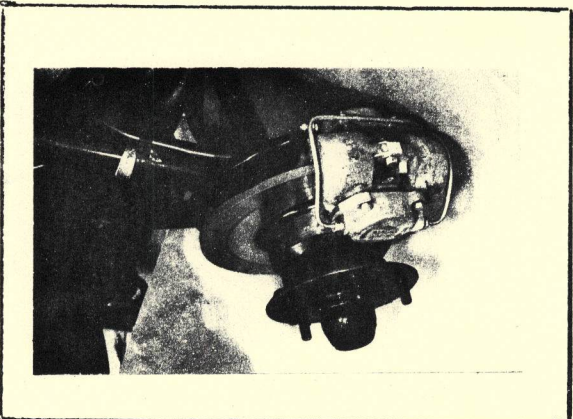
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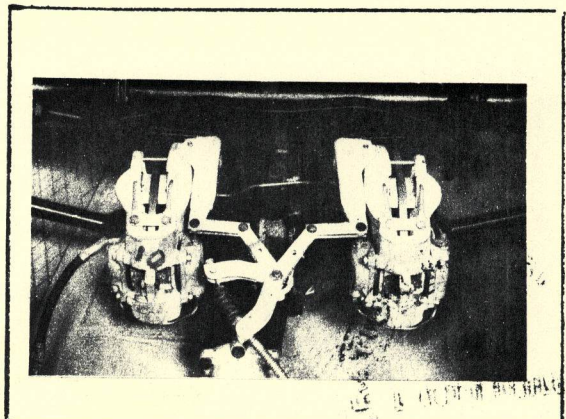
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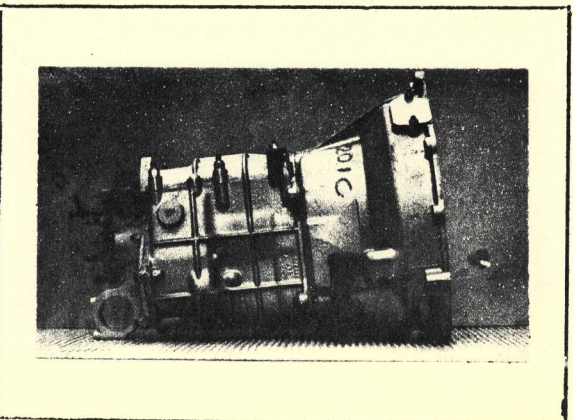
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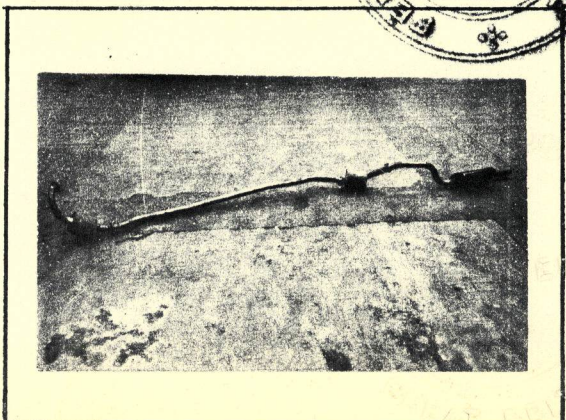
G



H

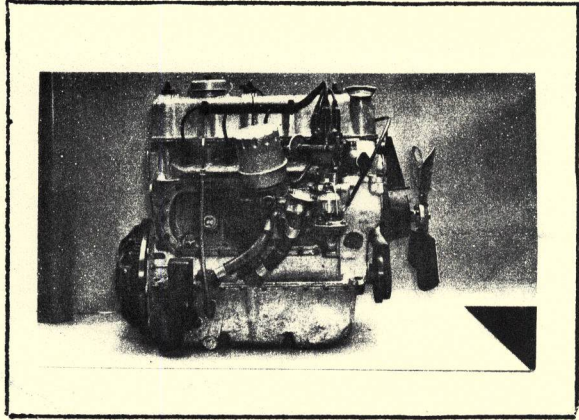


I

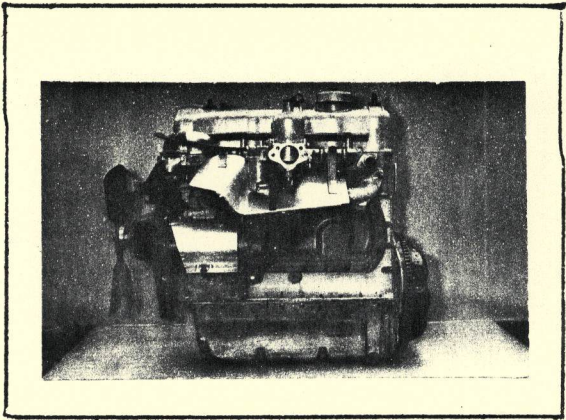


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U.S. DEPARTMENT OF JUSTICE

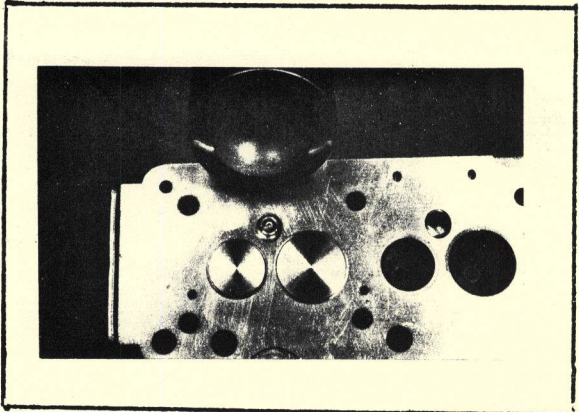
J



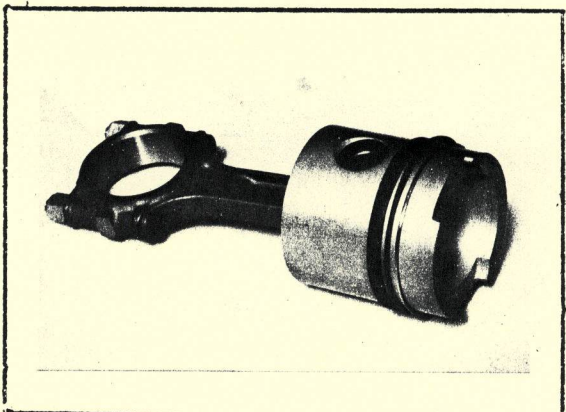
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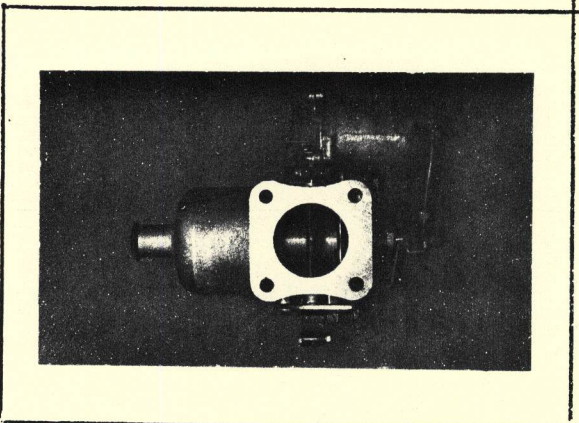
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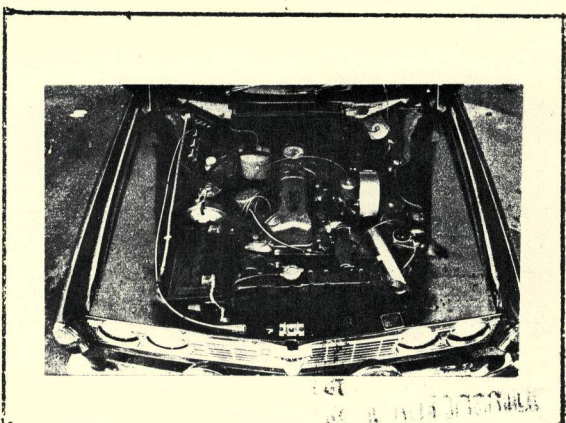
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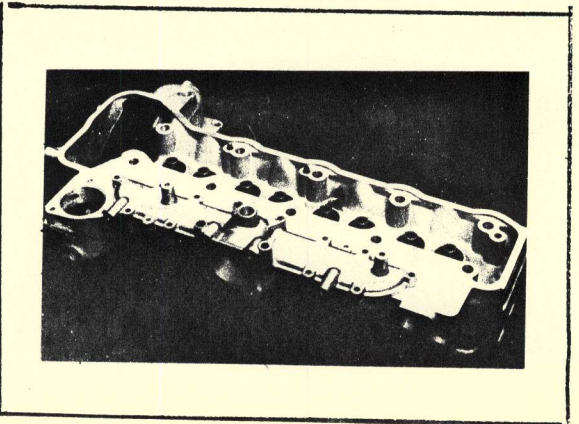
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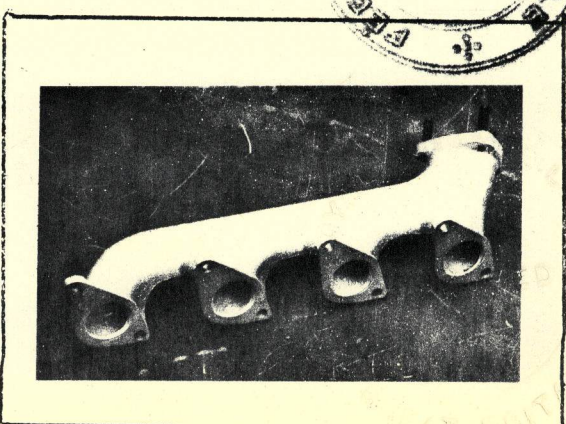
O



P

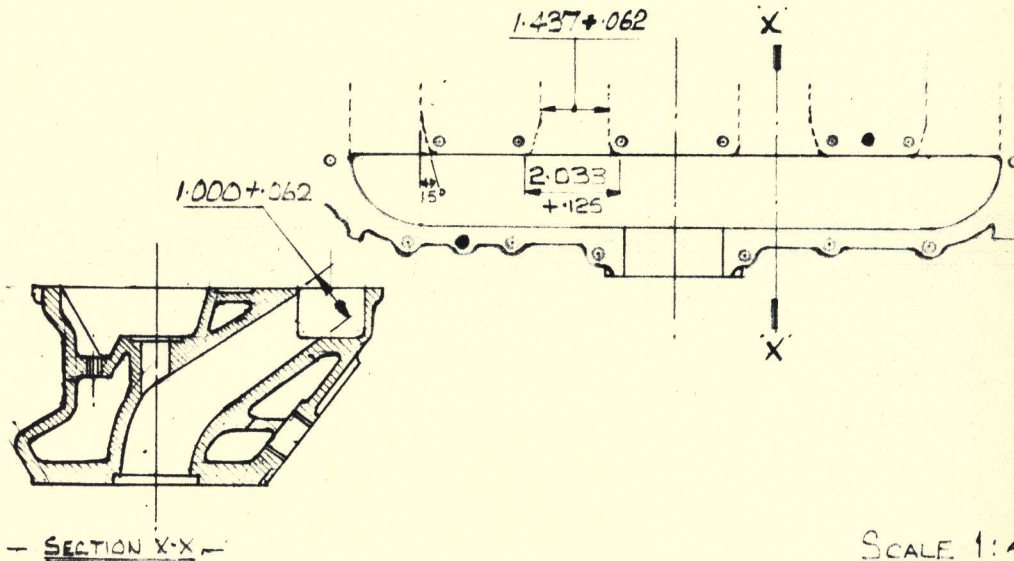


Q



Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.

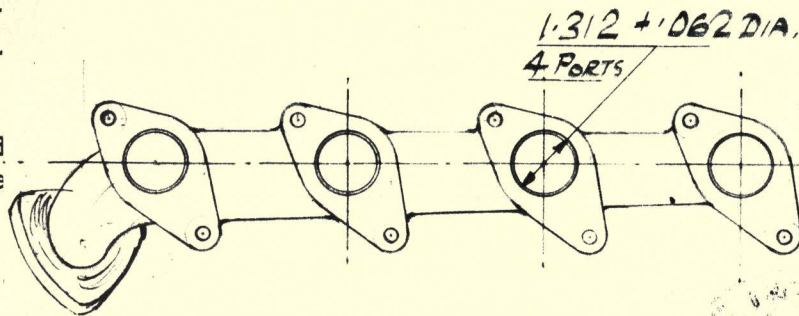
Manifold integral with cylinder head.



SCALE 1:4

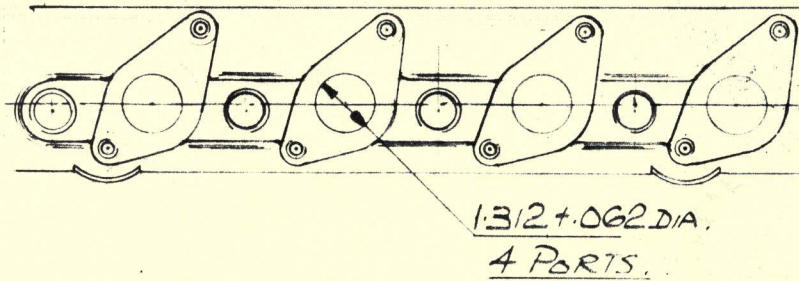
Drawing of entrance to inlet port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.

Drawing of exhaust manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance



SCALE 1:4

Drawing of exit to exhaust port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

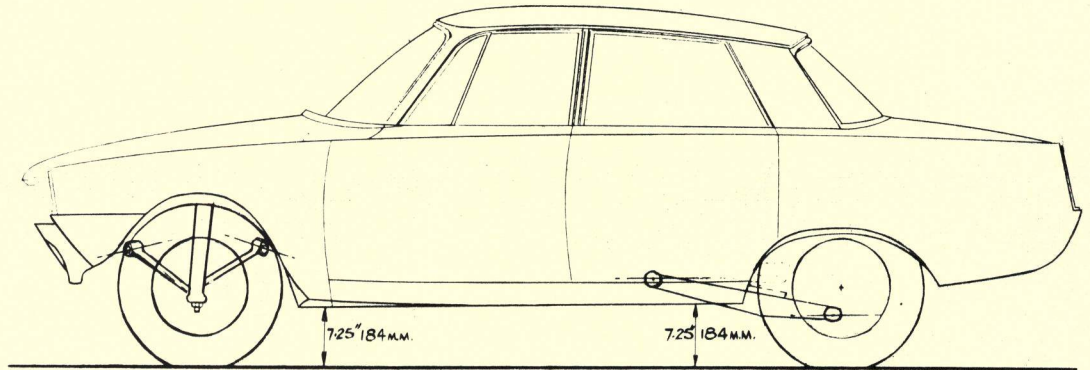


SCALE 1:4

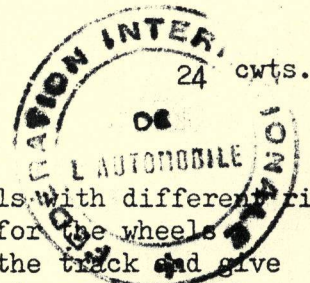
NOTE 1 All dimensions must be given in two measuring systems, see Note 3.

CAPACITIES AND DIMENSIONS

1.	Wheelbase	2630	mm.	103.375	inches
2.	Front track	3.	Rear track		
	1350	mm.	53.375	inches	
			1330	mm.	52.500
					inches



4.	Overall length of the car	453	cm.	178.500	inches
5.	Overall width of the car	168	cm.	66.00	inches
6.	Overall height of the car	139	cm.	54.750	inches
7.	Capacity of fuel tank (reserve included)				
		57	ltrs.	15.2	Gall.US
				12.5	Gall.Imp.
8.	Seating Capacity. Four				
9.	Weight. total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools:				
		1219	kg.	2688	lbs.
				24	cwts.



NOTE 2

Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concerned. Specify ground clearance in relation to the track and give drawing of two easily recognisable points at front and rear at which measurements are taken. These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.

NOTE 3. CONVERSION TABLE

1 inch/pouce	-	2.54	cm	1 quart US	-	0.9464	ltrs
1 foot/pied	-	30.4794	cm	1 pint (pt)	-	0.568	ltrs
1 sq.inch/pouce carre	-	6.452	cm ²	1 gallon Imp.	-	4.546	ltrs
1 cubin inch/pouce cube	-	16.387	cm ³	1 gallon US	-	3.785	ltrs
1 pound/livre (lb)	-	453.593	gr.	1 hundred weight(cwt)	-	50.802	kg

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction : ~~separate / unitary construction~~ **Steel base unit with bolt-on skin panels.**
 21. **Base unit** ~~Unitary~~ construction, material(s) **Welded steel of 20 s.w.g. and 18 s.w.g.**

SEPARATE CONSTRUCTION - MATERIALS

- | | |
|---|--|
| 22. Chassis Not applicable | 23. Coachwork Steel and aluminium alloy |
| 24. Number of doors Four | Material(s) Welded steel |
| 25. Bonnet Aluminium alloy | 26. Boot Lid Aluminium alloy |
| 27. Rear Window Glass | 28. Windscreen Laminated or toughened glass |
| 29. Front door windows Glass | 30. Rear door windows Glass |
| 31. Sliding system of door windows Mechanical wind | |
| 32. Material(s) of rear-quarter light Glass | |

ACCESSORIES AND UPHOLSTERY

38. Interior heating : yes - ~~no~~ 39. Air conditioning : ~~yes~~ - no
 40. Ventillation : yes - ~~no~~
 41. Front seats, type of upholstery **Leather**
 42. Weight of front seat(s), complete with supports and rails, out of the car:

16.8 kg. 37 lbs.

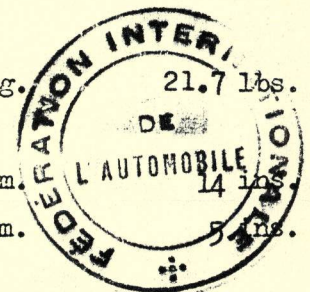
43. Rear seats, type of upholstery **Leather**
 44. Front bumper, material(s) **Steel** Weight 4.1 kg. 9 lbs.
 45. Rear bumper, material(s) **Steel** Weight 3.6 kg. 8 lbs.

WHEELS

- | | |
|--|-------------------|
| 50. Type Ventilated disc | |
| 51. Weight (per wheel, without tyre) | 9.9 kg. 21.7 lbs. |
| 52. Method of attachment Five double-ended nuts | |
| 53. Rim diameter | 355.6 mm. 14 ins. |
| 54. Rim width | 127 mm. 5 ins. |

STEERING

60. Type **Adamant Marles hour glass worm and roller follower type**
 61. Servo-assistance : ~~yes~~ - no
 62. Number of turns of steering wheel from lock to lock **3 $\frac{3}{4}$**
 63. In case of servo-assistance.



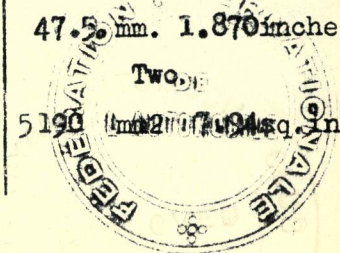
SUSPENSION

- 70. Front suspension (photograph D), type **Independent. Transverse bottom links and leading top links acting on horizontal spring**
- 71. Type of spring **Helical coil**
- 72. Stabiliser (if fitted) **Clamped to top links--direct action**
- 73. Number of shock absorbers **Two**
- 74. Type **Hydraulic, double-acting telescopic**
- 78. Rear suspension (photograph E), type **De Dion type incorporating a sliding joint, Watts linkage and stabilising rod**
- 79. Type of spring **Helical coil**
- 80. Stabiliser (if fitted) **Fitted between final drive and base unit**
- 81. Number of shock absorbers **Two**
- 82. Type **Hydraulic, double-acting telescopic**

BRAKES (photographs F and G)

- 90. Method of operation **Hydraulic**
- 91. Servo-assistance (if fitted), type **Lockheed type 7 unit (7" dia. vacuum piston)**
- 92. Number of hydraulic master cylinders **One**

	FRONT		REAR	
93. Number of cylinders per wheel	Two		Two	
94. Bore of wheel cylinder(s)	54	mm. 2.1 inches	39.5	mm. 1.6 inches
Drum Brakes				
95. Inside diameter		mm. inches		mm. inches
96. Length of brake linings		mm. inches		mm. inches
97. Width of brake linings		mm. inches		mm. inches
98. Number of shoes per brake		mm. inches		mm. inches
99. Total area per brake		mm ² sq.in.		mm ² sq.in.
Disc Brakes				
100. Outside diameter	274	mm. 10.78 inches	261	mm. 10.26 inches
101 Thickness of disc	9.525	mm. 0.375 inches	9.65	mm. 0.380 inches
102 Length of brake linings	54	mm. 2.126 inches	54	mm. 2.126 inches
103 Width of brake linings	47.5	mm. 1.870 inches	47.5	mm. 1.870 inches
104 Number of pads per brake	Two		Two	
105 Total area per brake	5190	mm ² 7.94 sq.in.	5190	mm ² 7.94 sq.in.



ENGINE (photographs J and K)

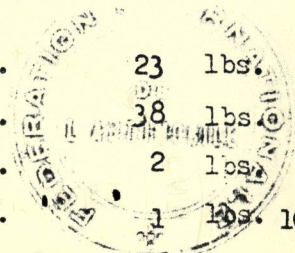
- 130. Cycle **4 stroke**
- 131. Number of cylinders **Four**
- 132. Cylinder Arrangement **Vertical in line**
- 133. Bore **85.725 mm. 3.375 in.**
- 134. Stroke **85.725 mm. 3.375 in.**
- 135. Capacity per cylinder **495 cm³ 30.194 cu.in.**
- 136. Total cylinder capacity **1980 cm³ 120.774 cu.in.**
- 137. Material(s) of cylinder block **Cast iron**
- 138. Material(s) of sleeves (if fitted) **None**
- 139. Cylinder head, material(s) **Aluminium** Number fitted **One**
- 140. Number of inlet ports **Four**
- 141. Number of exhaust ports **Four**
- 142. Compression ratio **9:1**
- 143. Volume of one combustion chamber **61.888 cm³ 15.096 cu.in.**
- 144. Piston, material **Rover ANS12**
- 145. Number of rings **Three**
- 146. Distance from gudgeon pin centre line to highest point of piston crown **56.517 mm. 2.225 in.**
- 147. Crankshaft : ~~moulded~~ / **Stamped**
- 148. Type of crankshaft : **integral/..Yes...**
- 149. Number of crankshaft main bearings **Five**
- 150. Material of bearing cap **Cast iron**
- 151. System of lubrication : ~~dry sump~~ / **oil in sump**
- 152. Capacity, lubricant **5.114 ltrs. 9 pts. 5.4 Quarts U.S.**
- 153. Oil cooler : ~~yes~~ / **no**
- 154. Method of engine cooling **Liquid coolant**
- 155. Capacity of cooling system **9.66 ltrs. 17 pts. 9 quarts U.S.**
- 156. Cooling fan (if fitted) dia. **39.21 cm. 15.437 in.**
- 157. Number of blades of cooling fan **Four**

Bearings

- 158. Crankshaft main, type **Vandervell lead indium** Dia. **63.5001mm. 2.500 in.**
- 159. Connecting rod, big end **Glacier reticular alum tin** Dia. **50.8001mm. 2.000 in.**

Weights

- 160. Flywheel (clean) **10.4 kg. 23 lbs.**
- 161. Flywheel with clutch (all turning parts). **17.25 kg. 38 lbs.**
- 162. Crankshaft **19.8 kg. 43³/₄ lbs.**
- 163. Connecting rod **0.9 kg. 2 lbs.**
- 164. Piston with rings and pin **0.745 kg. 1¹⁰/₁₆ lbs.**

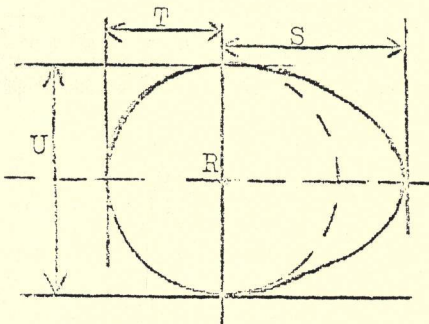


ENGINE ACCESSORIES

- 230. Fuel pump : mechanical ~~and/or electric.~~
- 231. No. fitted **One**
- 232. Type of ignition system **Coil**
- 233. No. of distributors **One**
- 234. No. of ignition coils **One**
- 235. No. of spark plugs per cylinder **One**
- 236. Generator, number fitted **One**
- 237. Method of drive **Belt**
- 238. Voltage of generator **12 volts.**
- 239. Battery, number **One**
- 240. Location **Under bonnet**
- 241. Voltage of battery **12volts**

ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- 250. Max. engine output **90 b.h.p.** (type of horsepower **installed b.h.p.**) at **5000 rpm**
- 251. Max. rpm **6000** output at that figure **83 b.h.p.**
- 252. Max torque **113 lb. ft. (installed)** at **2750 rpm**
- 253. Max speed of the car **167.4 km/hour** **104 miles/hour**



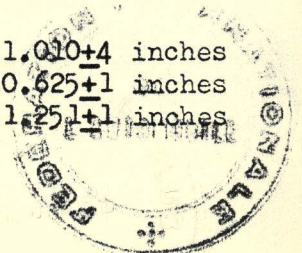
R = centre of camshaft.

Inlet cam

- S = 25.654+0.102 mm. 1.010+4 inches
- T = 15.875+0.025 mm. 0.625+1 inches
- U = 31.765+0.025 mm. 1.251+1 inches

Exhaust cam

- S = 25.654+0.102 mm. 1.010+4 inches
- T = 15.875+0.025 mm. 0.625+1 inches
- U = 31.765+0.025 mm. 1.251+1 inches



DRIVE TRAIN

CLUTCH

- 260. Type of clutch Diaphragm spring
- 261. No of plates One
- 262. Dia. of clutch plates 21.6 cm. 8.5 ins..
- 263. Dia. of linings, inside 15.8 cm. 6.25 ins.
- outside 21.6 cm. 8.5 ins.
- 264. Method of operating clutch Hydraulic

GEAR BOX (photograph H)

- 270. Manual type, make 4 speed synchromesh, Rover
- 271. No. of gear-box ratios forward 4
- 272. Synchronized forward ratios 4
- 273. Location of gear-shift Floor mounted
- 274. Automatic, make --- type---
- 275. No. of forward ratios ---
- 276. Location of gear shift ---

277.	Manual		Automatic		Alternative manual / automatic			
	Ratio	No.teeth	Ratio	No.teeth	Ratio	No.teeth	Ratio	No.teeth
1	3.625	$\frac{29}{20} \times \frac{30}{12}$						
2	2.133	$\frac{29}{20} \times \frac{25}{17}$						
3	1.391	$\frac{29}{20} \times \frac{24}{25}$			1.51	$\frac{29}{20} \times \frac{25}{24}$		
4	1.000	-						
5								
6								
re-verse	3.43	$\frac{29}{20} \times \frac{26}{11}$						

- 278. Overdrive, type ---
- 279. Forward gears on which overdrive can be selected---
- 280. Overdrive ratio ---

FINAL DRIVE

- 290. Type of final drive Hypoid
- 291. Type of differential Four bevel
- 292. Type of limited slip differential (if fitted) ---
- 293. Final drive ratio 3.54 or 4.1
- Number of teeth 11/39 or 10/41



IMPORTANT - The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars): 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 184, 186, 187, 188, 189, 199, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253, and photographs I, M and N.

During the scrutineering of cars entered in group 4 (sportscars) only the following items of the present recognition form are to be taken into consideration: 1,2,3,9,20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B, D, E, F, G, H, J, K and O.

The vehicle described in this form has been subject to the following amendments:

on <i>15 May</i> 1966	rec.no. <i>5014PV</i>	List <i>14/4</i>	on.....19..	rec.no.....	List.....
on.....19..	rec.no.....	List.....	on.....19..	rec.no.....	List.....
on.....19..	rec.no.....	List.....	on.....19..	rec.no.....	List.....
on.....19..	rec.no.....	List.....	on.....19..	rec.no.....	List.....
on.....19..	rec.no.....	List.....	on.....19..	rec.no.....	List.....

Optional equipment affecting preceding information. This to be stated together with reference number.

Sump guard, part number 560147

Lucas spot and fog lamps, part numbers SIR 700 and SFT 576 respectively.

Ammeter, part number 500907

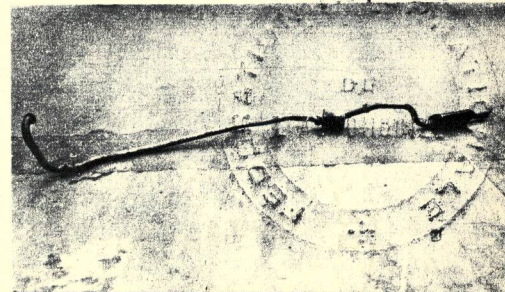
Temperature gauge, part number 531610

Oil pressure gauge, part number 537150

Heated rear screen (para. 27), part number 376102

Heated windscreen (para. 28), part number 367204-W

Overseas front exhaust downpipe, part number 538795-C. Photograph below:



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 mm.

Height mm. Area mm²

Size of exhaust port:

Length measured around cylinder wall mm.

Height mm. Area mm²

Size of transfer port:

Length measured around cylinder wall mm.

Height mm. Area mm².

Size of piston port:

Length measured around piston mm.

Height mm. Area mm²

Method of pre-compression

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

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

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

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

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

Manufacturers Reference No. for Application

F.I.A. Recognition No. 5014 *A/V*

RN/P6/2



ROYAL AUTOMOBILE CLUB

31, Belgrave Square, London, S.W.1

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition

Manufacturer Rover Company Limited

Model 2000

Additional optional equipment:

Item no. 91: Lockheed 5 $\frac{1}{2}$ in. brake servo unit, part number 535732.→

Item no. 236: Alternator, part number 559123.

Item no. 50: Alternative wheels, type: pressed steel 5 $\frac{1}{2}$ JK

weight: 8.8 kg. 19.4 lbs.

rim width: 139.7 mms. 5.5 ins.

front track: 1363 mms. 53.875 ins.

rear track: 1343 mms. 53.0 ins.

part number: 562041

Passenger seat headrest, part number 367910.

Corrections to original Form of Recognition:

Item no. 51, weight of wheel, should read: 7.3 kgs. 16 lbs.

Item no. 143, volume of one combustion chamber, should read: 61.9 cc. 3.78 cu.in.

Item no. 215, diameter of exit port of carburettor, should read: 44.5mm. 1.75in.

Normal manufacturer's tolerances for this model:

All machined surfaces: ± 0.75%

All non-machined surfaces: ± 2.0%

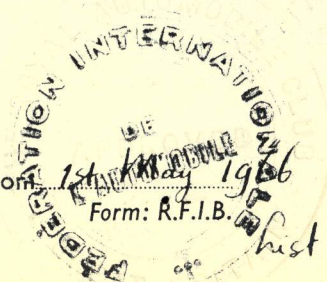
Weights of part-machined components: ± 2.5%

Weights of totally machined components ± 1.25%

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

Date amendment is valid from

1st January 1966
Form: R.F.I.B.



hist 14/4

[Handwritten signature]