

F.I.A. Recognition No. 1573

Group II

ph



ROYAL AUTOMOBILE CLUB

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

Form of recognition in accordance with appendix J to the International Sporting Code of the
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Manufacturer	<u>British Motor Corporation Ltd</u>	Cylinder-capacity	<u>1275</u>	cm. ³	<u>77.8</u>	in. ³
Serial No. of chassis/body	<u>G/AS4</u>	Model	<u>MG 1300</u>			
Serial No. of engine	<u>12H</u>	Manufacturer	<u>British Motor Corporation</u>			
Recognition is valid from	<u>May 1, 1968</u>	Manufacturer	<u>British Motor Corporation</u>			
The manufacturing of the model described in this recognition form started on	<u>23rd September 1967</u>	List	<u>1968/6</u>			
and the minimum production of	<u>1000</u>	identical cars, in accordance with the specifications of this form was reached on	<u>20th January 1968</u>			

Photograph A. ¾ view of car from front



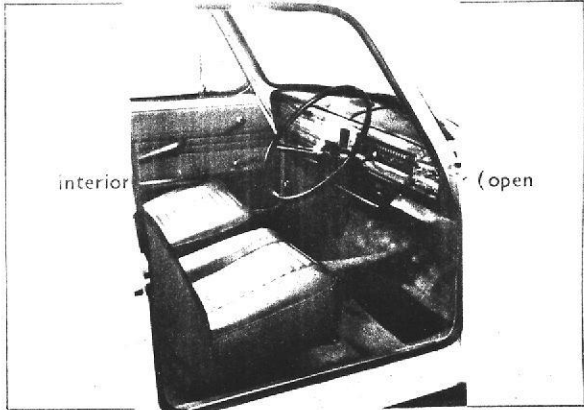
F.I.A. Stamp

R.A.C. Stamp

B



interior

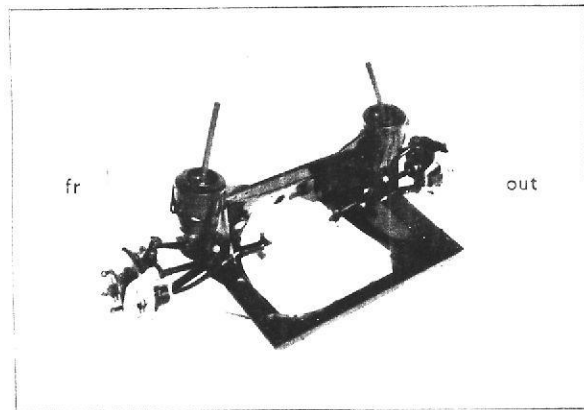


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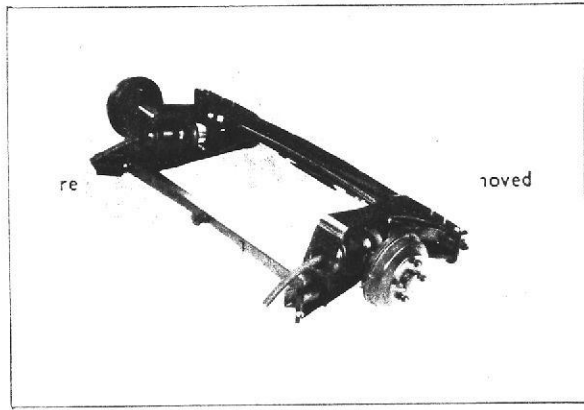
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out



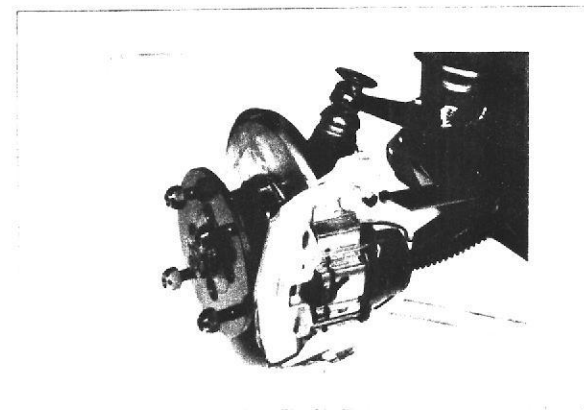
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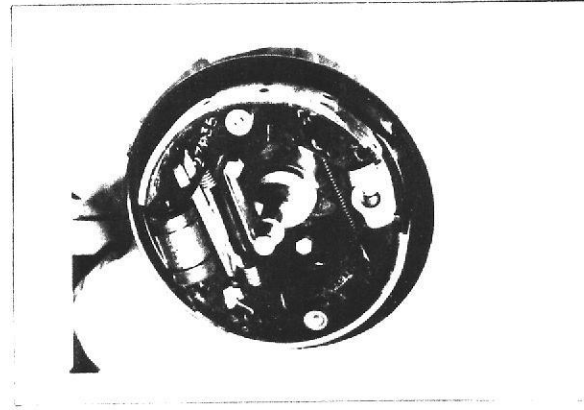


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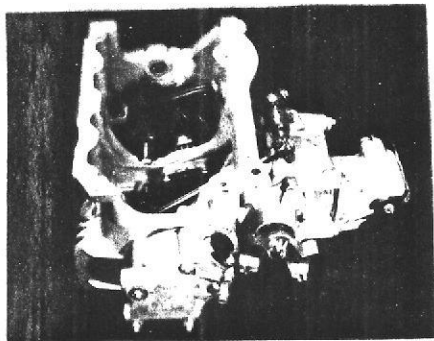
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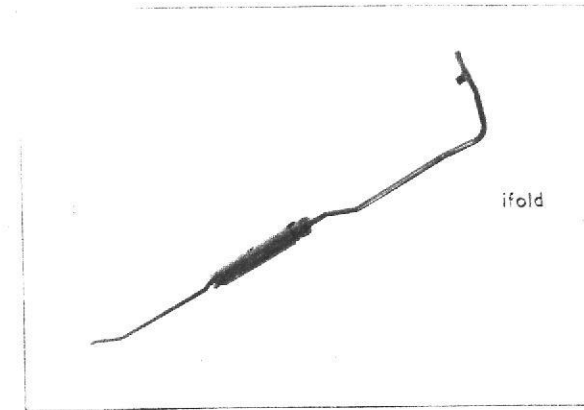
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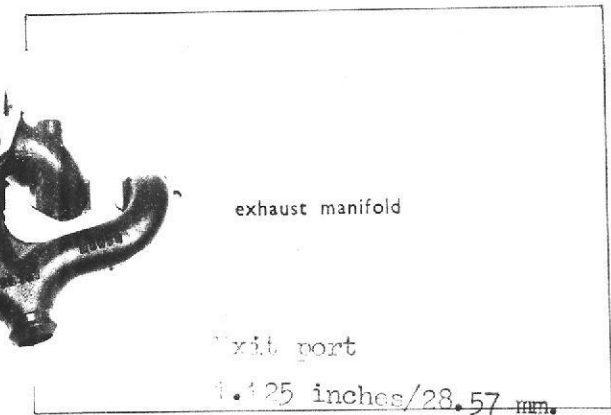
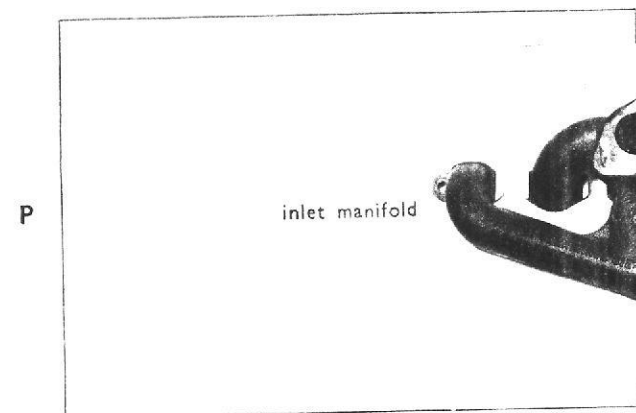
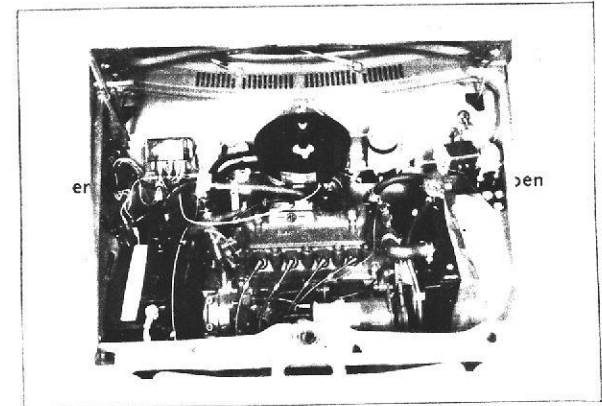
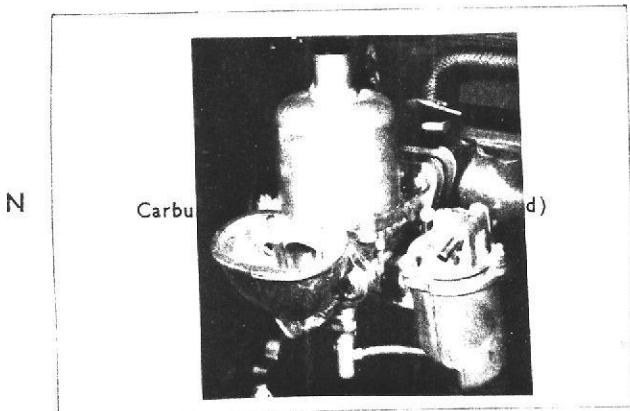
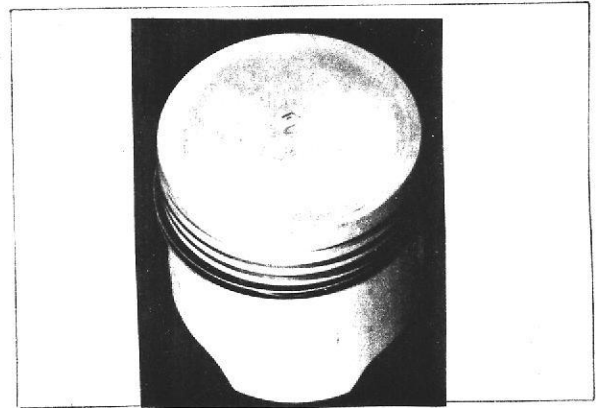
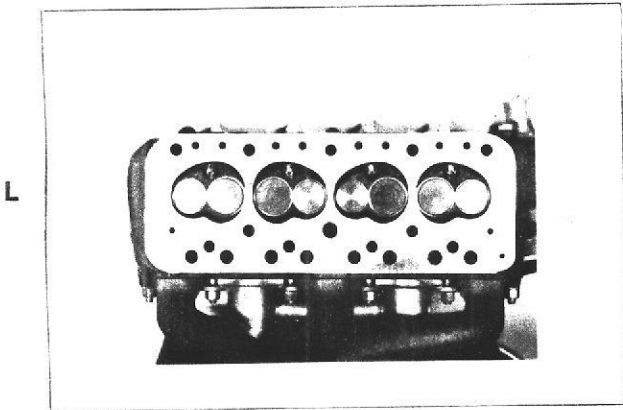
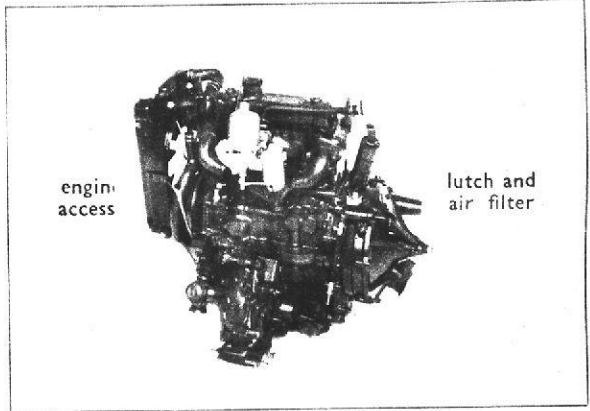
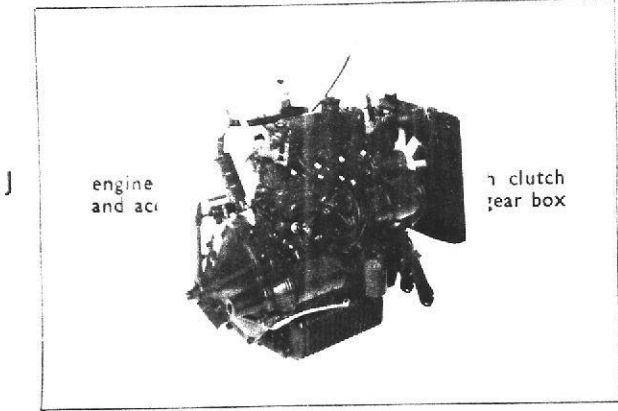
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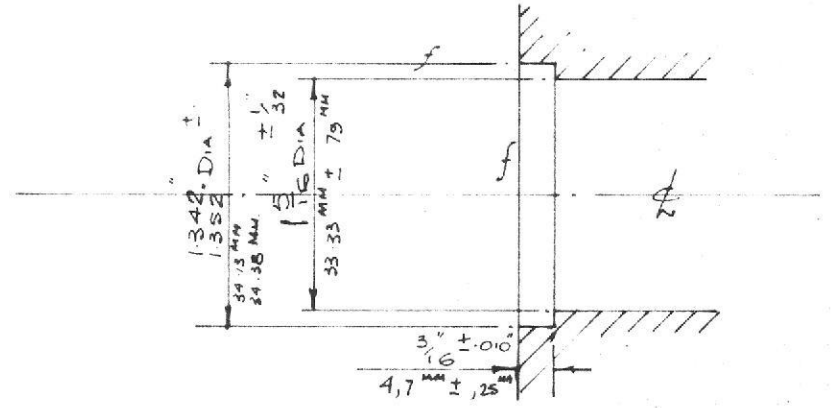
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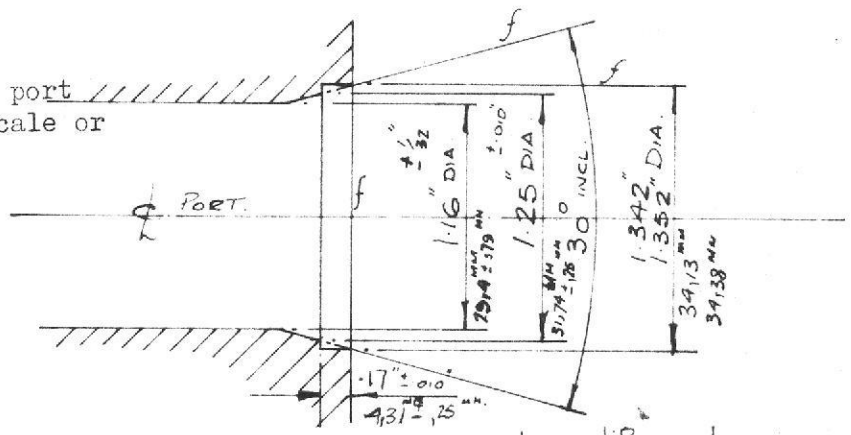
I



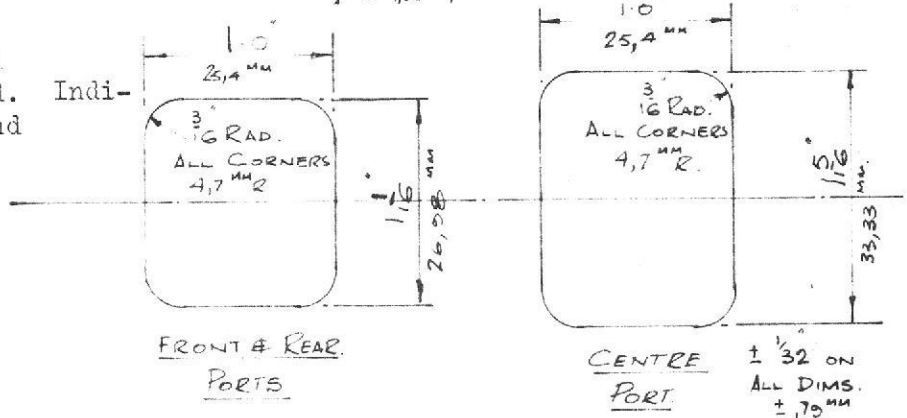
Drawing inlet manifold ports, side of cylinderhead. Indicate scale of dimensions and manufacturing tolerance.



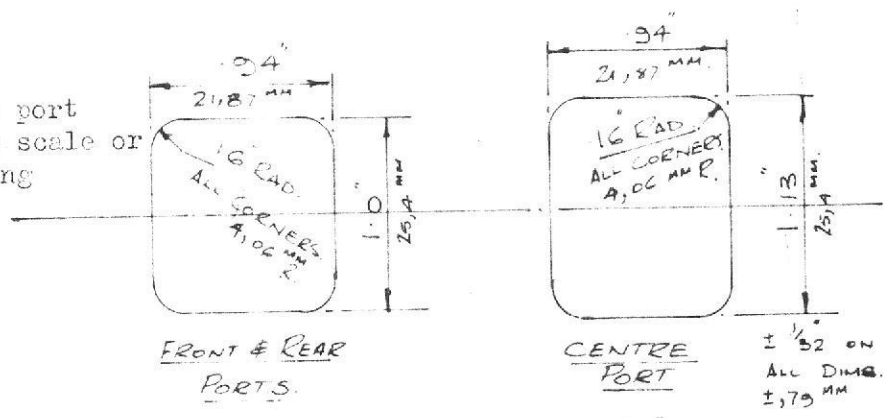
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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



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

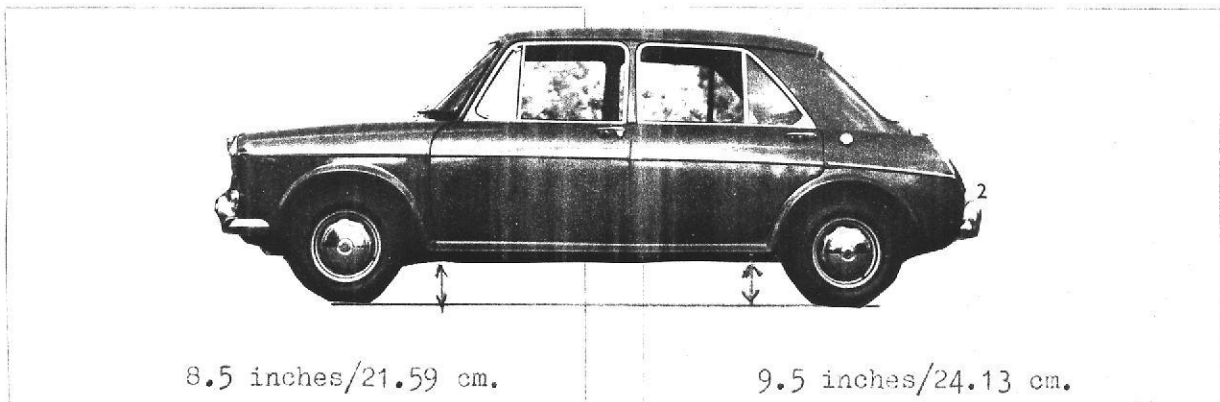


NOTE 1.

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

CAPACITIES AND DIMENSIONS

- | | | | | |
|----------------|------------------------|------------|------|--------|
| 1. Wheelbase | | 2375.0 mm. | 93.5 | inches |
| 2. Front track | (+6.35mm/0.25 inches) | | | |
| | mm. | inches | mm. | inches |
| 3. Rear track | (± 6.35mm/0.25 inches) | | | |



- | | | | | | | |
|--|--|-------|-------|------------|--------|------------|
| 4. Overall length of the car | | 372.7 | cm. | 146.75 | inches | |
| 5. Overall width of the car | | 153.4 | cm. | 60.375 | inches | |
| 6. Overall height of the car | | 134.6 | cm. | 53.0 | inches | |
| 7. Capacity of fuel tank (reserve included) | | 36.4 | ltrs. | gall. U.S. | 8.0 | gall. Imp. |
| 8. Seating Capacity. | | | | | | |
| 9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools : | | 840.0 | kg. | 1852.0 | lbs. | 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 cubic 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
- 21. Unitary construction, material(s) Steel
- 22. Separate construction, Material(s) of chassis -
- 23. Material(s) of coachwork Steel
- 24. Number of doors Material(s) Steel
- 25. Material(s) of bonnet Steel
- 26. Material(s) of boot lid Steel
- 27. Material(s) of rear-window Safety glass
- 28. Material(s) of windscreen Safety glass
- 29. Material(s) of front-door windows Safety glass
- 30. Material(s) of rear-door windows Safety glass
- 31. Sliding system of door windows Safety glass
- 32. Material(s) of rear-quarter light Safety glass

ACCESSORIES AND UPHOLSTERY

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

8.85	kg.	19.5	lbs.
------	-----	------	------
- 43. Rear seats, type of seat and upholstery
- 44. Front bumper, material(s) Steel Weight 3.68 kg. 8.25 lbs.
- 45. Rear bumper, material(s) Steel Weight 3.29 kg. 7.25 lbs.

WHEELS

- 50. Type Ventilated disc
- 51. Weight (per wheel, without tyre) 6.01 kg. 13.25 lbs.
- 52. Method of attachment
- 53. Rim diameter 304.7 mm. 12.0 ins.
- 54. Rim width 101.6 mm. 4.0 ins.

STEERING

- 60. Type Rack & Pinion
- 61. Servo-assistance : ~~yes~~ — no
- 62. Number of turns of steering wheel from lock to lock 3.125
- 63. In case of servo-assistance -

Make MG

Model 1300

F.I.A. Rec. No. 1573

SUSPENSION

- 70. Front suspension (photograph D), type Independent
- 71. Type of spring Hydrolastic displacer
- 72. Stabiliser (if fitted) -
- 73. Number of shock absorbers 2 74. Type Incorporated in displacer
- 78. Rear suspension (photograph E), type Independent
- 79. Type of spring Hydrolastic displacer
- 80. Stabiliser (if fitted) Anti-roll bar
- 81. Number of shock absorbers 2 82. Type Incorporated in displacer

BRAKES (photographs F and G)

- 90. Method of operation Hydraulic
- 91. Servo-assistance (if fitted), type -
- 92. Number of hydraulic master cylinders 1

93. Number of cylinders per wheel	1	FRONT		1	REAR			
94. Bore of wheel cylinder(s)	50.8	mm.	2.0	inches	20.32	mm.	0.8	inches
95. Inside diameter		mm.		inches	203.2	mm.	8.0	inches
96. Length of brake linings		mm.		inches	195.0	mm.	7.68	inches
97. Width of brake linings		mm.		inches	31.75	mm.	1.25	inches
98. Number of shoes per brake					2			
99. Total area per brake		mm. ²		sq. in.	12387	mm. ²	19.2	sq. in.

Disc Brakes

100. Outside diameter	213.4	mm.	8.4	inches		mm.		inches
101. Thickness of disc	11.17	mm.	0.440	inches		mm.		inches
102. Length of brake linings	max. 88.9	mm.	3.5	inches		mm.		inches
103. Width of brake linings	max. 43.2	mm.	1.75	inches		mm.		inches
104. Number of pads per brake	2							
105. Total area per brake	6000.0	mm. ²	9.3	sq. in.		mm. ²		sq. in.

ENGINE (photographs J and K)

- | | | | |
|---|----------------------|---|---------------------------------------|
| 130. Cycle | 4 stroke | 131. Number of cylinders | 4 |
| 132. Cylinder Arrangement | In line | | |
| 133. Bore | 70.61 mm. 2.78 in. | 134. Stroke | 81.33 mm. 3.2 in. |
| 135. Capacity per cylinder | | | 318.75 cm. ³ 19.45 cu. in. |
| 136. Total cylinder capacity | | | 1275 cm. ³ 77.8 cu. in. |
| 137. Material(s) of cylinder block | Cast iron | 138. Material(s) of sleeves (if fitted) | - |
| 139. Cylinder head, material(s) | Cast iron | Number fitted | 1 |
| 140. Number of inlet ports | 2 | 141. Number of exhaust ports | 3 |
| 142. Compression ratio | 8.8:1 | | |
| 143. Volume of one combustion chamber | | | 21.4 cm. ³ 1.29 cu. in. |
| 144. Piston, material | Aluminium alloy | 145. Number of rings | 4 |
| 146. Distance from gudgeon pin centre line to highest point of piston crown | | | 37.97 mm. 1.495 in. |
| 147. Crankshaft: round /stamped | | 148. Type of crankshaft: integral/ | Yes |
| 149. Number of crankshaft main bearings | 3 | | |
| 150. Material of bearing cap | Cast iron | | |
| 151. System of lubrication: dry sump /oil in sump | | | |
| 152. Capacity, lubricant | 4.83 ltrs. 8.5 pts. | | quarts U.S. |
| Automatic - | 7.38 ltrs. 13.0 pts. | | |
| 153. Oil cooler: yes/no | | 154. Method of engine cooling | Watercooled sealed system |
| 155. Capacity of cooling system | 3.8 ltrs. 6.75 pts. | | quarts U.S. |
| 156. Cooling fan (if fitted) dia. | | | 26.35 cm. 10.375 in. |
| 157. Number of blades of cooling fan | 11 | | |

Bearings

- | | | | | |
|-----------------------------------|-----------|------|-----------|----------|
| 158. Crankshaft main, type | Thin wall | dia. | 50.82 mm. | 2.00 in. |
| 159. Connecting rod big end, type | Thin wall | dia. | 44.52 mm. | 1.75 in. |

Weights

- | | | | |
|---|----------------------|---------------------|--------------------|
| 160. Flywheel (clean) | | 7.36 kg. | 16.25 lbs. |
| 161. Flywheel with clutch (all turning parts) | | 11.89 kg. | 26.25 lbs. |
| 162. Crankshaft | 11.43 kg. 25.25 lbs. | 163. Connecting rod | 0.68 kg. 1.50 lbs. |
| 164. Piston with rings and pin | | 0.354 kg. | 0.78 lbs. |

FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location Cylinder block
 172. Type of camshaft drive Roller chain
 173. Type of valve operation Overhead valve-pushrod

INLET (see page 4)*

180. Material(s) of inlet manifold Cast iron
 181. Diameter of valves 33.26 mm. 1.309 ins.
 182. Max. valve lift 8.1 mm. 0.318 in. 183. Number of valve springs 2
 184. Type of spring Coil 185. Number of valves per cylinder 1
 186. Tappet clearance for checking timing (cold) 0.533 mm. 0.021 ins.
 187. Valves open at (with tolerance for tappet clearance indicated) 50° BTDC
 188. Valves close at (with tolerance for tappet clearance indicated) 45° A.B.D.C.
 189. Air filter, type Renewable element

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold Cast iron
 196. Diameter of valves 29.32 mm. 1.154 ins.
 197. Max. valve lift 8.1 mm. 0.318 in. 198. Number of valve springs 2
 199. Type of spring Coil 200. Number of valves per cylinder 1
 201. Tappet clearance for checking timing (cold) 0.533 mm. 0.021 ins.
 202. Valves open at (with tolerance for tappet clearance indicated) 51° B.B.D.C.
 203. Valves close at (with tolerance for tappet clearance indicated) 21° A.T.D.C.

CARBURETION (photograph N)

210. Number of carburetors fitted 1 211. Type Semi-down draught
 212. Make S.U. 213. Model H.S.4.
 214. Number of mixture passages per carburettor 1
 215. Flange hole diameter of exit port(s) of carburettor 38.1 mm. 1.50 ins.
 216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU) 30.94 mm. 1.218 ins.

INJECTION (if fitted)

220. Make of pump 221. Number of plungers
 222. Model or type of pump 223. Total number of injectors
 224. Location of injectors
 225. Minimum diameter of inlet pipe mm. ins.

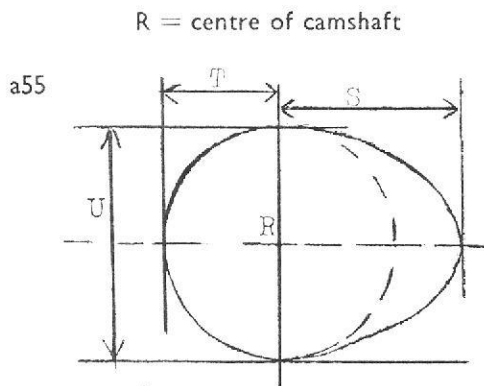
* For additional information concerning two-stroke engines and super-charged engines, see page 13.

ENGINE ACCESSORIES

230. Fuel pump : ~~mechanical and/or~~ electrical
231. No. fitted 1
232. Type of ignition system H.T. Coil 233. No. of distributors 1
234. No. of ignition coils 1 235. No. of spark plugs per cylinder 1
236. Generator, type : dynamo/~~alternator~~—number 1
fitted
237. Method of drive Wedge belt
238. Voltage of generator 12 volts
239. Battery, number 1
240. Location Engine compartment
241. Voltage of battery 12 volts

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

250. Max. engine output 58 (type of horsepower: BHP) at 5250 r.p.m.
251. Max. r.p.m. - output at that figure -
252. Max. torque 69 lb. ft. at 3500 r.p.m.
253. Max. speed of the car km./hour miles/hour not quoted



Inlet cam

S =	20.56	mm.	0.809	inches
T =	13.81	mm.	0.543	inches
U =	27.56	mm.	1.085	inches

Exhaust cam

S =	20.56	mm.	0.809	inches
T =	13.81	mm.	0.543	inches
U =	27.56	mm.	1.085	inches

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, 186, 187, 188, 189, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253, 255 photographs I, M and N and page 4.

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.....	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.....	on.....	19.....	rec. no.....	List.....

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

Alternative final drive ratios:-

293.	Ratio	:	3.44	3.765	3.938	4.133	4.26	4.35
	No. of							
	teeth.		18/62	17/64	16/63	15/62	15/64	15/65



MOTOR SPORT DIVISION
The Royal Automobile Club,
31 Belgrave Square, London, S.W.1

Manufacturer British Leyland
Model MG 1300
F.I.A. Recognition No. 1523
Amendment No. 3/E

Amendment to Form of Recognition

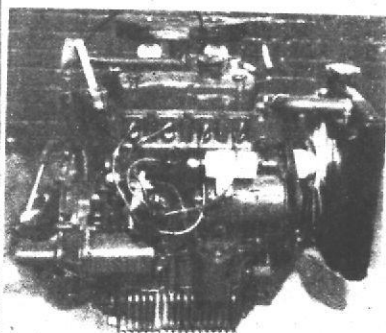
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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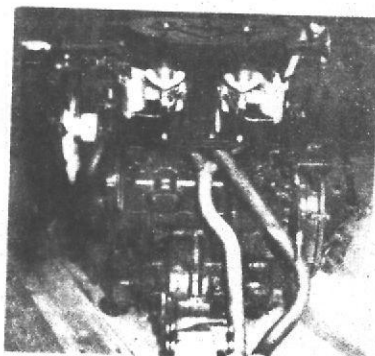
Reference No.

Evolution - Group 2

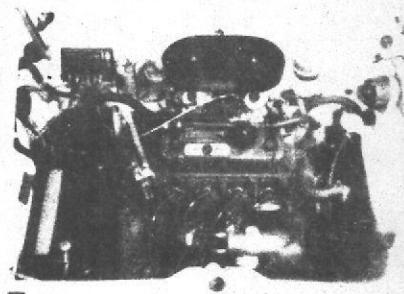
MG 1300 Mk. 2 - Chassis No. G/A2S5



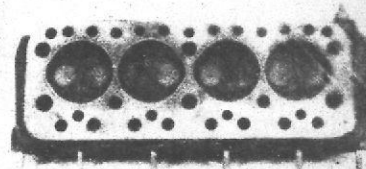
J



K



- 9. Weight - 1765 lbs./799.5 kgs.
- 181. 35.71 mm/1.406 inches
- 210. 2
- 213. HS2
- 215. 31.75 mm/1.25 inches
- 216. 23.01 mm/0.906 inches
- 250. 70 bhp @ 6000 rpm.
- 252. 74 lb. ft. @ 3250 rpm.



Date amendment is valid from APR 1 1970

1970/4

Stamp of F.I.A./R.A.C.