

F.I.A. Recognition No. 569
Group 3



AD047/67

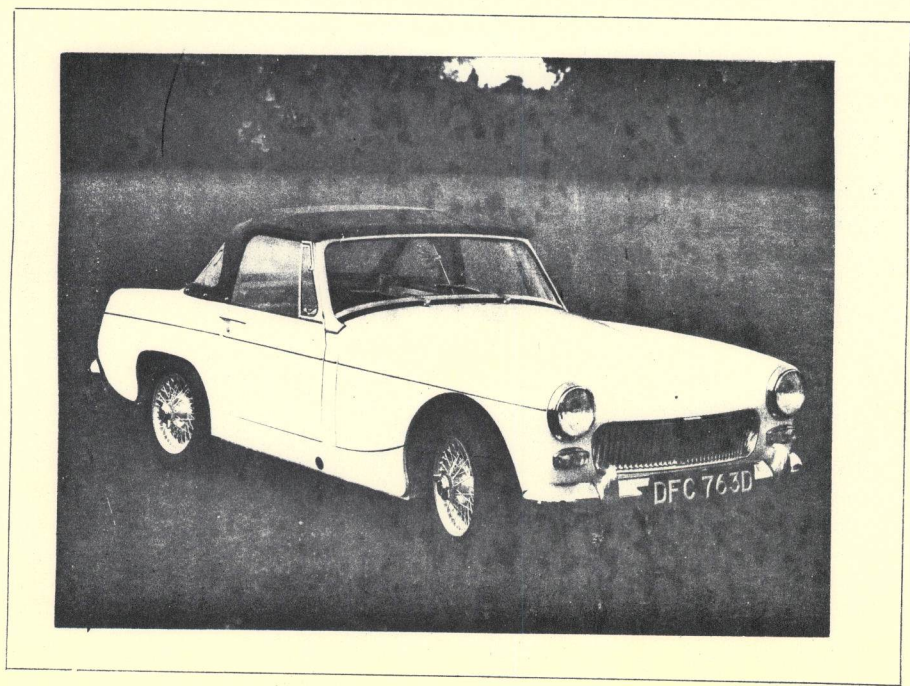
ROYAL AUTOMOBILE CLUB

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 MG CAR COMPANY LIMITED Cylinder-capacity 1275 cm.³ 77.9 in.³
Serial No. of chassis/body G-AN4 (L) Model MG Midget Mk III
Serial No. of engine 12 CC. Manufacturer British Motor Corporation
Recognition is valid from 1st July 1967 Manufacturer British Motor Corporation
List 16/4
The manufacturing of the model described in this recognition form started on 21st September 1966
and the minimum production of 500 identical cars, in accordance with the specifications of
this form was reached on 13th January 1967.

Photograph A, ¾ view of car from front



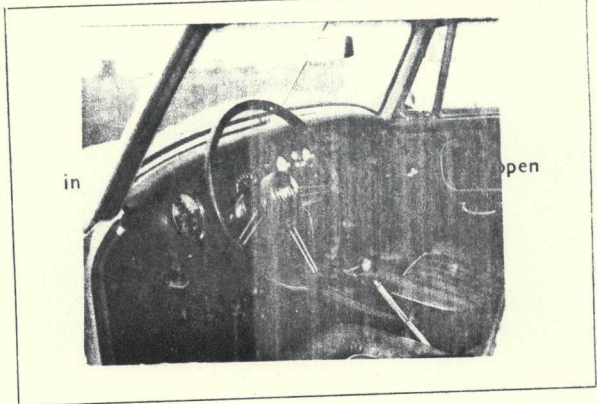
F.I.A. Stamp
Antoine
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

R.A.C. Stamp
ROYAL AUTOMOBILE CLUB

B



in



open

C

D

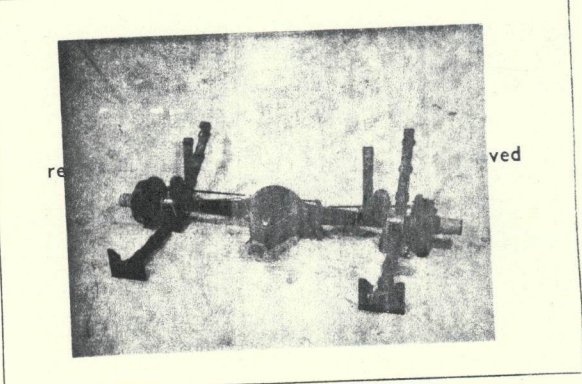
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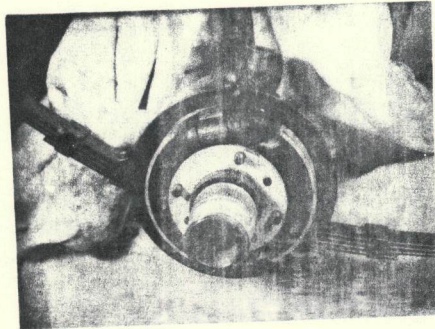
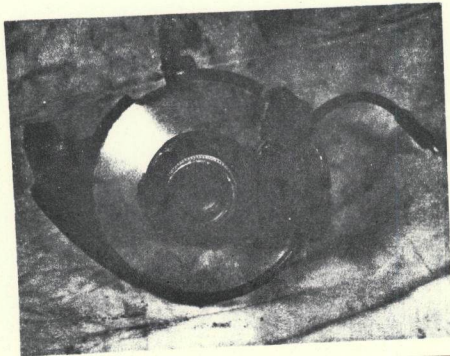
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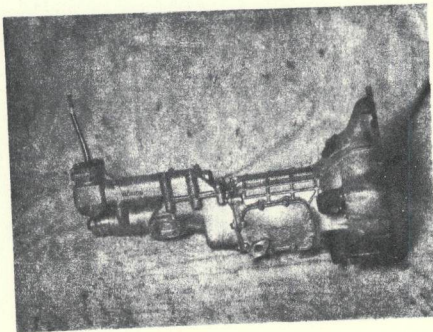
E

F



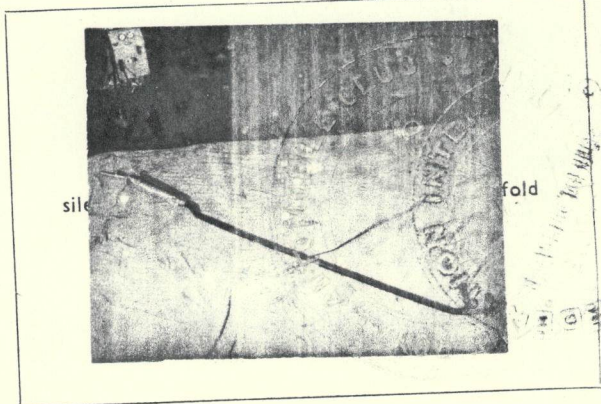
G

H



sile

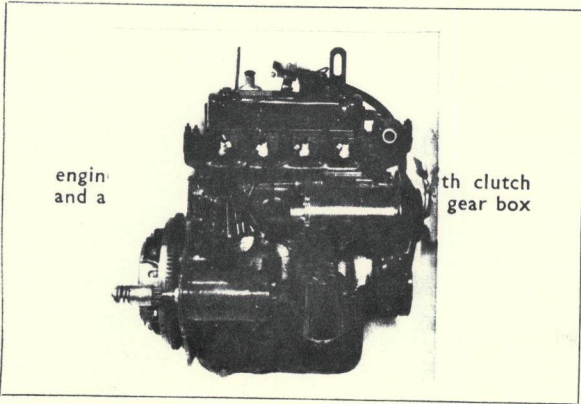
fold



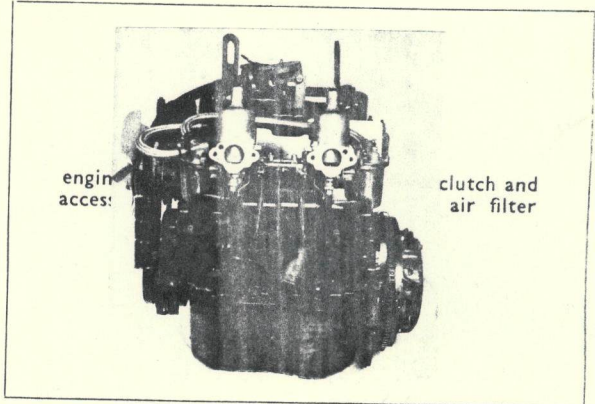
I

J

engin
and a



th clutch
gear box

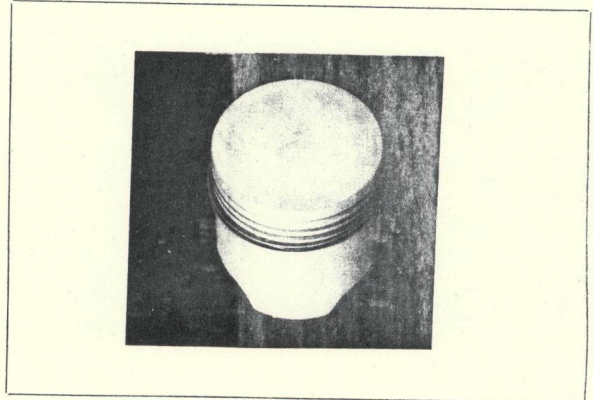
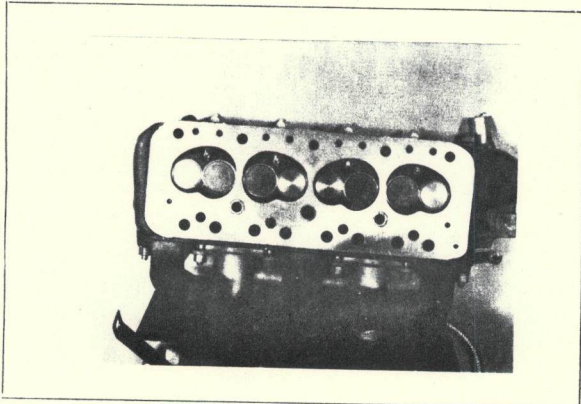


engin
access:

clutch and
air filter

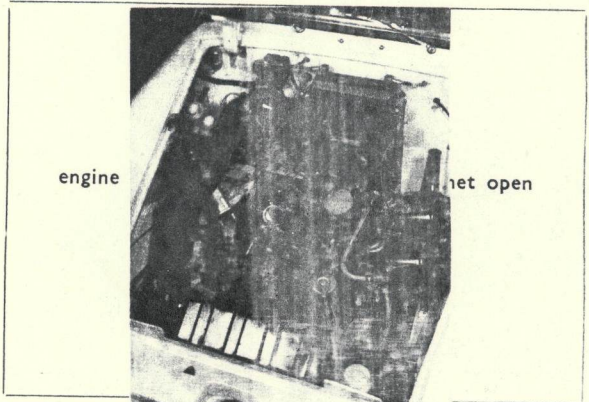
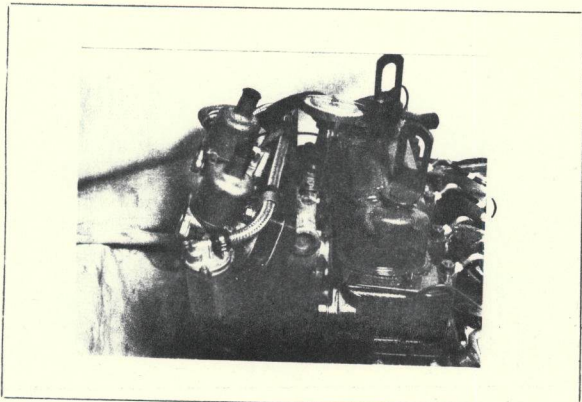
K

L



M

N

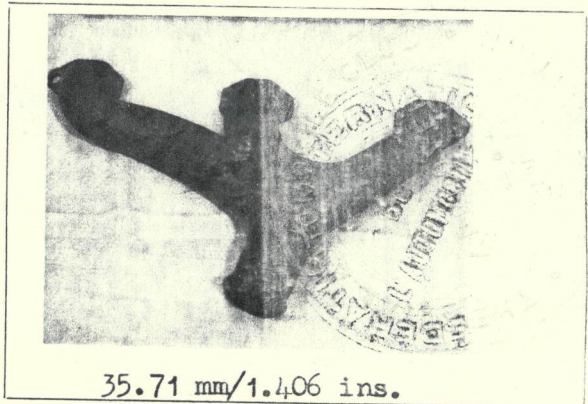
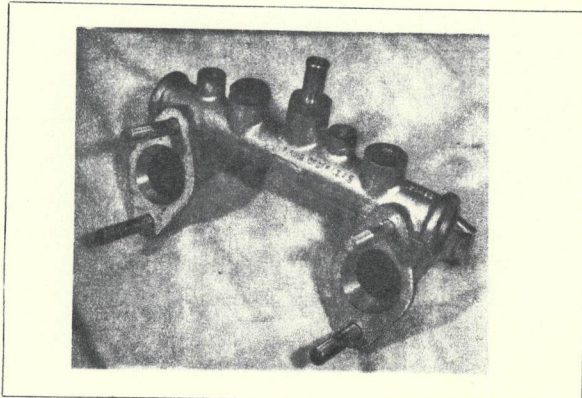


engine

net open

O

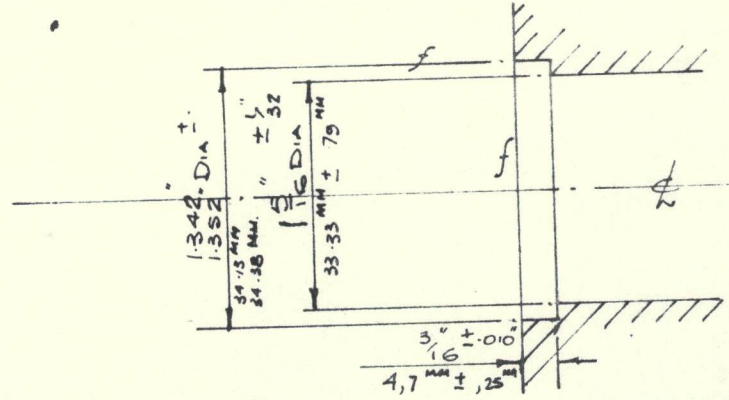
P



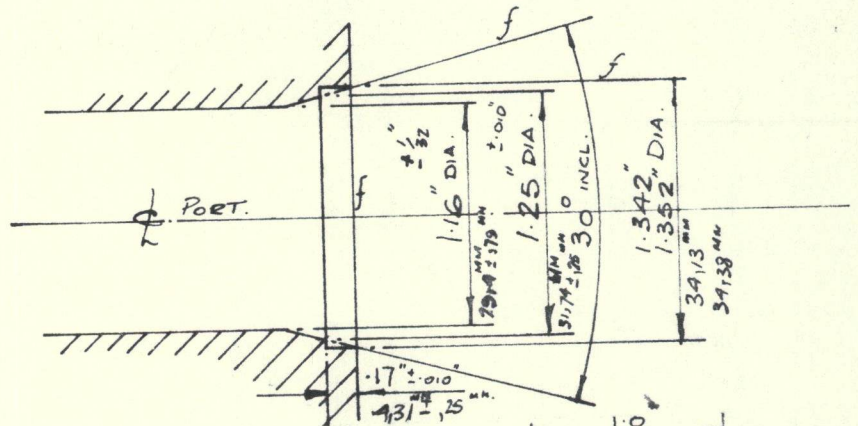
35.71 mm/1.406 ins.

Q

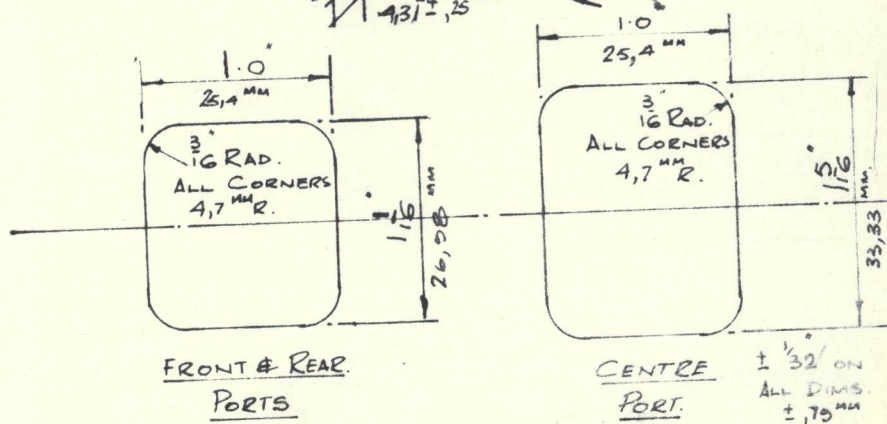
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



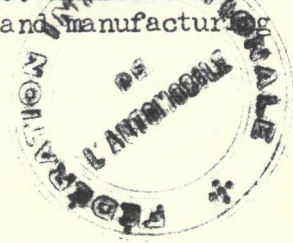
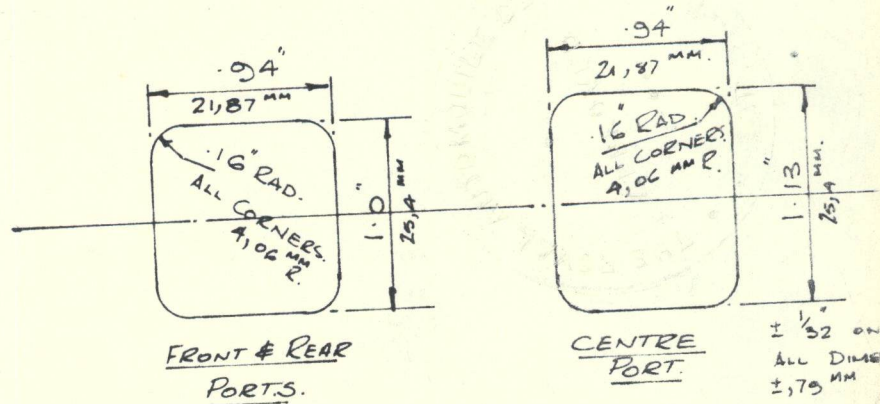
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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



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

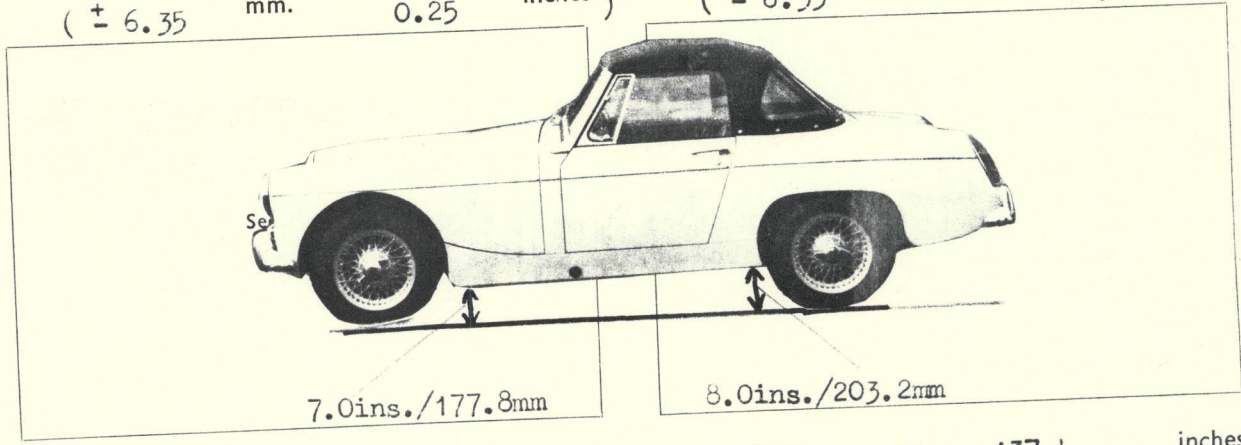


NOTE 1.

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

CAPACITIES AND DIMENSIONS

1. Wheelbase		2032.0	mm.	80.0	inches
2. Front track	Disc) 1175.9	46.3			
	Wire)				
	(± 6.35	mm.	0.25	inches)	
				(± 6.35	mm.
				0.25	inches)



4. Overall length of the car		348.9	cm.	137.4	inches
5. Overall width of the car	Disc	139.4	cm.	54.9	inches
6. Overall height of the car	Wire	143.5	cm.	56.5	inches
		123.2		48.5	
7. Capacity of fuel tank (reserve included)	27.24	ltrs.	7.2	gall. U.S.	6
					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 :	690.0	kg.	1521.0	lbs.	cwts.

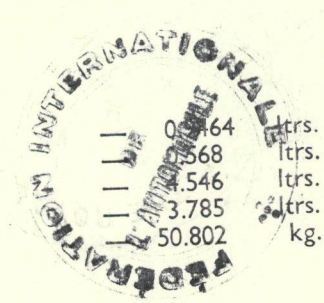
NOTE 2.

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
1 foot/pied	—	30.4794	cm.	1 pint (pt)
1 sq. inch/pouce carre	—	6.452	cm. ²	1 gallon Imp.
1 cubic inch/pouce cube	—	16.387	cm. ³	1 gallon US
1 pound/livre (lb)	—	453.593	gr.	1 hundred weight (cwt.)



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 **Steel**
- 23. Material(s) of coachwork **Steel**
- 24. Number of doors **2** Material(s) **Steel**
- 25. Material(s) of bonnet **Steel**
- 26. Material(s) of boot lid **Steel**
- 27. Material(s) of rear-window **Vybak**
- 28. Material(s) of windscreen **Laminated glass**
- 29. Material(s) of front-door windows **Safety glass**
- 30. Material(s) of rear-door windows **-**
- 31. Sliding system of door windows **Vertical winding**
- 32. Material(s) of rear-quarter light **-**

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-leather**
- 42. Weight of front seat(s), complete with supports and rails, out of the car :

7.91	kg.	17.4	lbs.
------	-----	------	------
- 43. Rear seats, type of seat and upholstery **-**
- 44. Front bumper, material(s) **Steel** Weight

5.56	kg.	12.25	lbs.
------	-----	-------	------
- 45. Rear bumper, material(s) **Steel** Weight

4.65	kg.	10.25	lbs.
------	-----	-------	------

WHEELS

- 50. Type **Disc or wire spoke**

Disc	5.21		12.125
------	------	--	--------
- 51. Weight (per wheel, without tyre)

Wire	5.51	kg.	11.5	lbs.
------	------	-----	------	------
- 52. Method of attachment **4 studs or centre lock cap**
- 53. Rim diameter **330.2** mm. **13.0** ins. 54. Rim width

88.9	mm.	3.5	ins.
------	-----	-----	------

STEERING

- 60. Type **Rack and pinion**
- 61. Servo-assistance : ~~yes~~ — no
- 62. Number of turns of steering wheel from lock to lock **2 1/4**
- 63. In case of servo-assistance **-**



SUSPENSION

- 70. Front suspension (photograph D), type **Independent**
- 71. Type of spring **Coil**
- 72. Stabiliser (if fitted) **No**
- 73. Number of shock absorbers **2**
- 74. Type **Hydraulic lever arm**
- 78. Rear suspension (photograph E), type **Semi - elliptic**
- 79. Type of spring **Leaf**
- 80. Stabiliser (if fitted) **No**
- 81. Number of shock absorbers **2**
- 82. Type **Hydraulic lever arm**

BRAKES (photographs F and G)

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

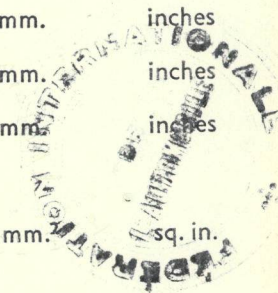
	2	FRONT	1 REAR
93. Number of cylinders per wheel			
94. Bore of wheel cylinder(s)	50.8	2.0 mm. inches	19.05 mm. 0.75 inches

Drum Brakes

95. Inside diameter		mm. inches	177.8 mm. 7.0 inches
96. Length of brake linings		mm. inches	169.6 mm. 6.68 inches
97. Width of brake linings		mm. inches	31.8 mm. 1.25 inches
98. Number of shoes per brake			2
99. Total area per brake		mm. ² sq. in.	mm. ² sq. in.

Disc Brakes

100. Outside diameter		mm. inches	mm. inches
101. Thickness of disc		mm. inches	mm. inches
102. Length of brake linings	approx	mm. inches	mm. inches
103. Width of brake linings	approx	mm. inches	mm. inches
104. Number of pads per brake			
105. Total area per brake		mm. ² sq. in.	mm. ² sq. in.



Make MG

Model Midget Mk III

F.I.A. Rec. No. 569

ENGINE (photographs J and K)

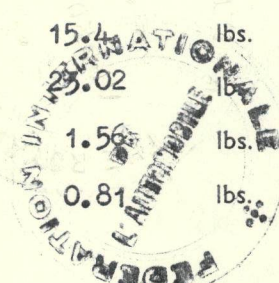
- | | | | |
|---|---|---|---|
| 130. Cycle | 4 stroke | 131. Number of cylinders | 4 |
| 132. Cylinder Arrangement | In line | | |
| 133. Bore | 70.63 mm. 2.78 in. | 134. Stroke | 81.33 mm. 3.20 in. |
| 135. Capacity per cylinder | | | 318.75 cm.³ 19.45 cu. in. |
| 136. Total cylinder capacity | | | 1275. cm.³ 77.9 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: moulded /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 | 3.98 ltrs. or 7.0 pts. or 4.69 ltrs. or 10.33 pts. | | quarts U.S. |
| 153. Oil cooler: yes /no | | 154. Method of engine cooling | Pressurised water radiator |
| 155. Capacity of cooling system | 5.68 ltrs. 10.0 pts. | | quarts U.S. |
| 156. Cooling fan (if fitted) dia. | | | 26.97 cm. 10.62 in. |
| 157. Number of blades of cooling fan | 6 | | |

Bearings

- | | | | |
|-----------------------------------|--------------------|------|-----------------------------|
| 158. Crankshaft main, type | Lead Indium | dia. | 50.84 m.m. 2.002 in. |
| 159. Connecting rod big end, type | Lead Indium | dia. | 44.52 m.m. 1.752 in. |

Weights

- | | | | |
|---|----------------------------|-----------------------------|----------------------------|
| 160. Flywheel (clean) | | 6.98 kg. 15.4 lbs. | |
| 161. Flywheel with clutch (all turning parts) | | 10.44 kg. 23.02 lbs. | |
| 162. Crankshaft | 10.1 kg. 22.25 lbs. | 163. Connecting rod | 0.71 kg. 1.56 lbs. |
| 164. Piston with rings and pin | | | 0.368 kg. 0.81 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 **Pushrods and rockers**

INLET (see page 4)*

180. Material(s) of inlet manifold **Aluminium alloy**
 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 per valve**
 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) **5° B.T.D.C.**
 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 per valve**
 199. Type of spring **Coil** 200. Number of valves per cylinder
 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.**

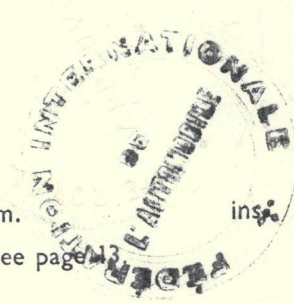
CARBURETION (photograph N)

210. Number of carburettors fitted **2** 211. Type **Semi-down draught**
 212. Make **S.U.** 213. Model **H.S.2**
 214. Number of mixture passages per carburettor **1**
 215. Flange hole diameter of exit port(s) of carburettor **31.75 mm. 1.25 ins.**
 216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU)
23.01 mm. 0.906 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

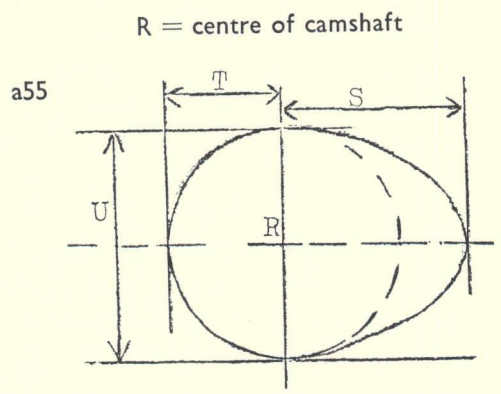


ENGINE ACCESSORIES

- 230. Fuel pump : ~~mechanical and/or~~ electrical
- 231. No. fitted **1**
- 232. Type of ignition system **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 fitted **1**
- 237. Method of drive **Wedge belt**
- 238. Voltage of generator **12** volts
- 239. Battery, number **1**
- 240. Location **Rear of engine compartment**
- 241. Voltage of battery **12** volts

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

- 250. Max. engine output **65** (type of horsepower: **B.H.P.**) at **6000** r.p.m.
- 251. Max. r.p.m. **6500** output at that figure **62.9 BHP**
- 252. Max. torque **72 lbs/ft** at **3000** r.p.m.
- 253. Max. speed of the car **150.4** km./hour **94.0** miles/hour **approx**

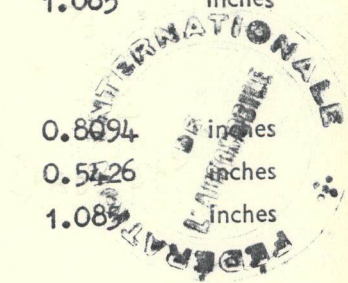


Inlet cam

S =	20.56	mm.	0.8094	inches
T =	13.81	mm.	0.5426	inches
U =	27.56	mm.	1.085	inches

Exhaust cam

S =	20.56	mm.	0.8094	inches
T =	13.81	mm.	0.5426	inches
U =	27.56	mm.	1.085	inches



DRIVE TRAIN

CLUTCH

260. Type of clutch Diaphragm spring 261. No. of plates 1
262. Dia. of clutch plates 16.51 cm. 6.5 ins.
263. Dia. of linings, inside 11.43 cm. 4.5 ins.
- outside 16.51 cm. 6.5 ins.
264. Method of operating clutch Hydraulic slave cylinder

GEAR BOX (photograph H)

270. Manual type, make B.M.C. Method of operation Manual remote control
271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 2nd. 3rd. 4th.
273. Location of gear-shift Central between front seats
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	3.200	$\frac{26}{20} \times \frac{32}{13}$			2.57	$\frac{23}{22} \times \frac{32}{13}$		
2	1.916	$\frac{26}{20} \times \frac{28}{19}$			1.72	$\frac{23}{22} \times \frac{28}{17}$		
3	1.357	$\frac{26}{20} \times \frac{24}{23}$			1.25	$\frac{23}{22} \times \frac{24}{20}$		
4	1.000				1.000			
5								
6								
reverse	4.120	$\frac{26}{20} \times \frac{18}{13} \times \frac{32}{14}$			2.57	$\frac{23}{22} \times \frac{18}{13} \times \frac{32}{18}$		

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 Bevel
292. Type of limited slip differential (if fitted)
293. Final drive ratio 4.22:1 Number of teeth 9/38



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 <u>7/6 1/7</u> 19 <u>67</u> rec. no.....	List.....	on.....	19.....	rec. no.....	List.....
on.....	19.....	rec. no.....	List.....	on.....	19.....
on.....	19.....	rec. no.....	List.....	on.....	19.....
on.....	19.....	rec. no.....	List.....	on.....	19.....
on.....	19.....	rec. no.....	List.....	on.....	19.....

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

- 7. Supplementary fuel tank - 6 gallons/27.3 litres C-AHA.7565
- 51. Weight - 16.0 lbs./7.27 kgs.
- 54. Wire spoke wheel - C-AHA.7573. Rim width - 127.0 mm/5.0 inches
- 292. BMC Limited Slip Differential C-BTA.696
- 293. Final drive ratio - 4.55:1, 4.875:1, 3.9:1, 3.727:1
 No. of teeth - 9/41, 8/39, 10/39, 11/41
- 152. Photograph of sump.

