

F.I.A. Recognition No. 5284
Group A (Tourisme Série)

FISA - Transfert en Gr.A



ROYAL AUTOMOBILE CLUB

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

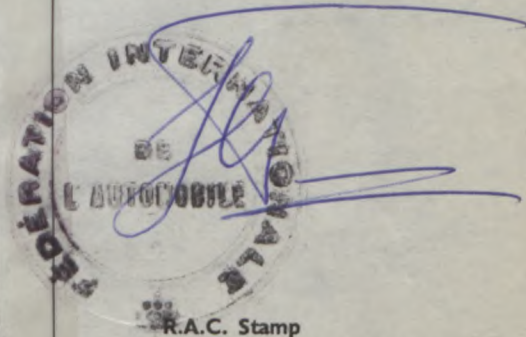
Form of recognition in accordance with appendix J to the International Sporting Code of the
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Manufacturer British Leyland Motor Corporation Model Morris/Austin Mini 1000 Cylinder-capacity 998.0 cm.³ 60.96 in.³
Serial No. of chassis/body AA2SBS or MA2S6S Manufacturer British Motor Corporation
Serial No. of engine 99H Manufacturer British Motor Corporation
Recognition is valid from 1/4/69 List 69/2
The manufacturing of the model described in this recognition form started on 9th September 1967
and the minimum production of 5000 identical cars, in accordance with the specifications of
this form was reached on 1st December 1967

Photograph A, $\frac{3}{4}$ view of car from front



F.I.A. Stamp



Make Morris/Austin

Model Mini 1000

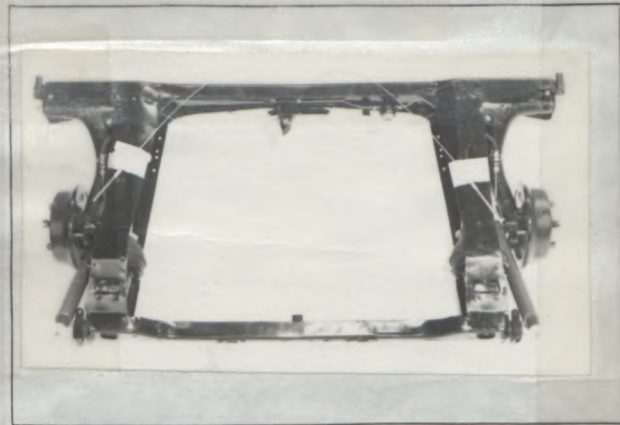
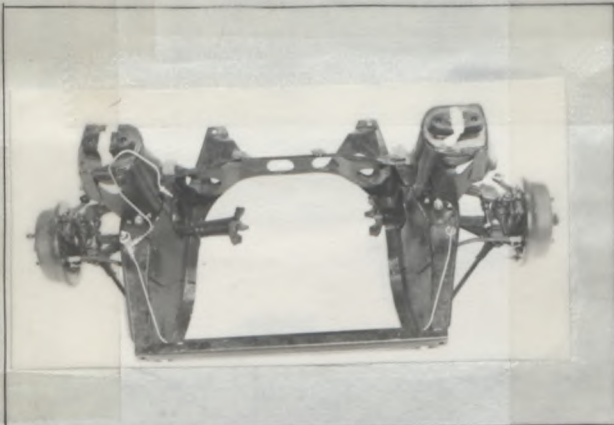
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B



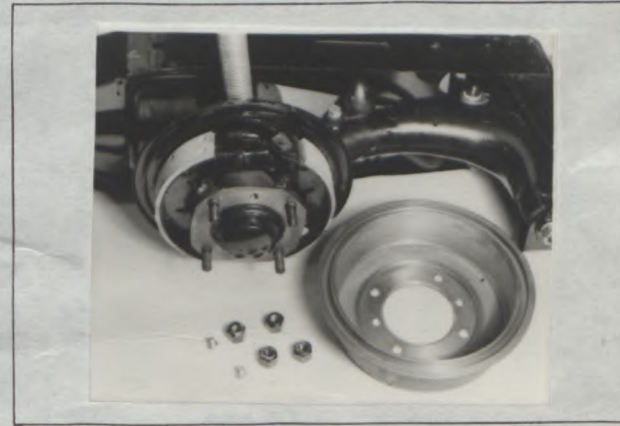
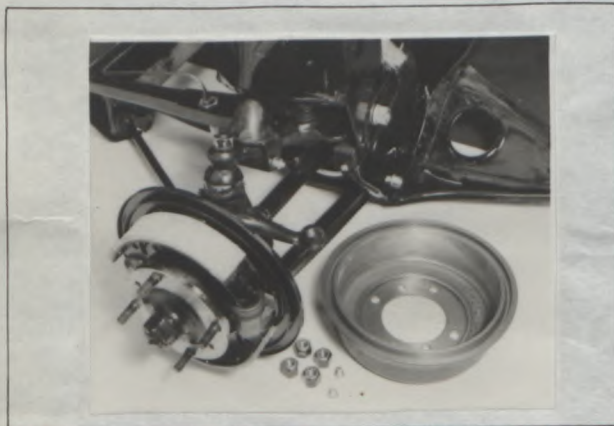
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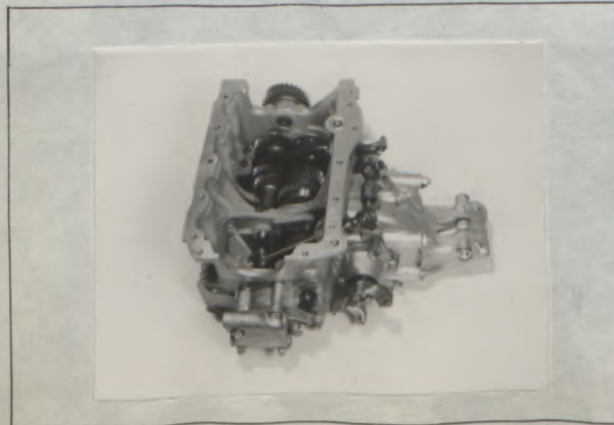
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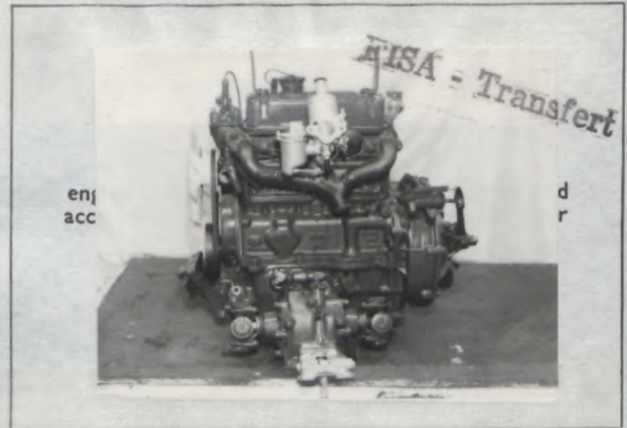
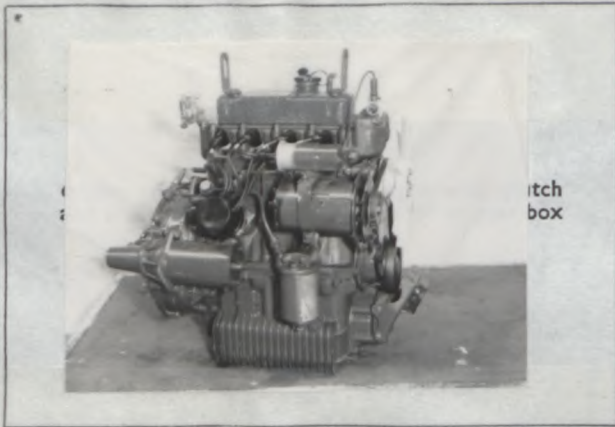


I

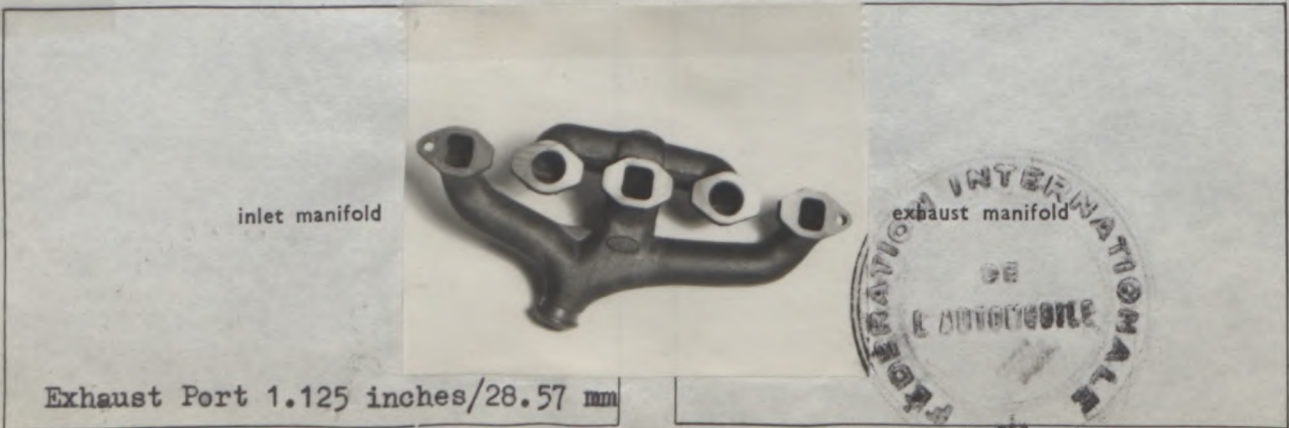
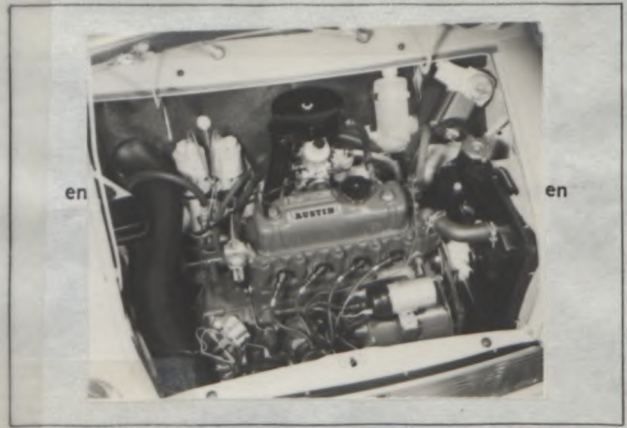
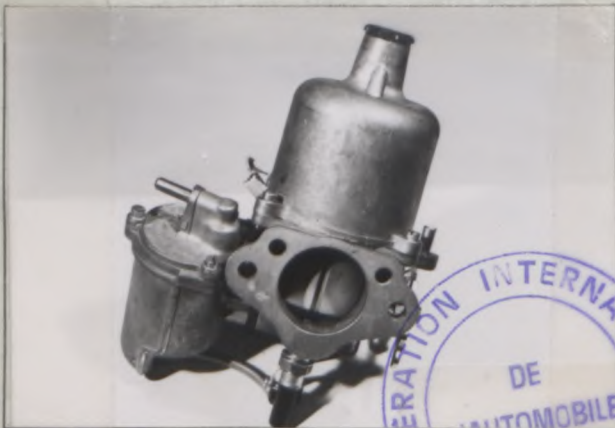
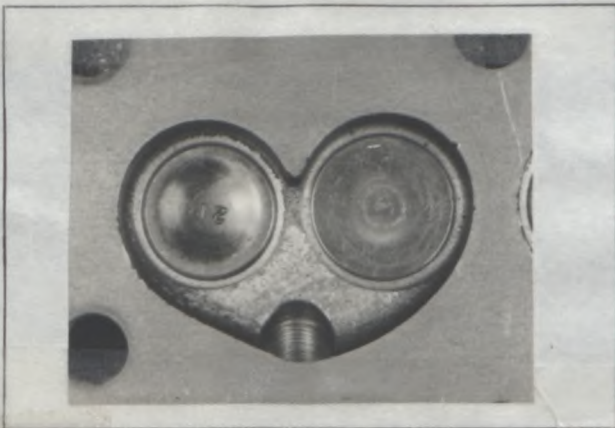
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Model Mini 1000

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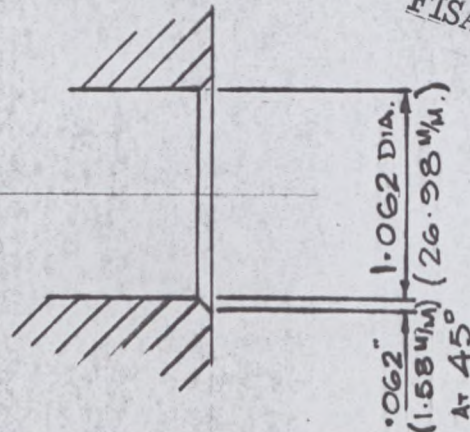
Make Morris/Austin

Model Mini 1000

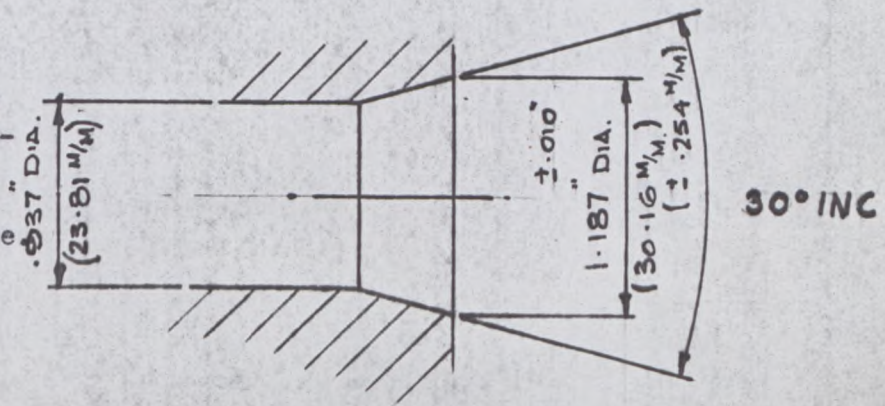
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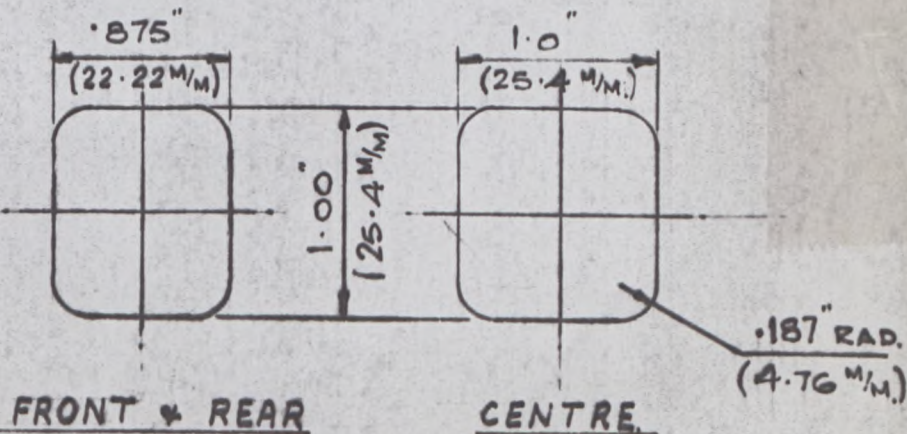
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



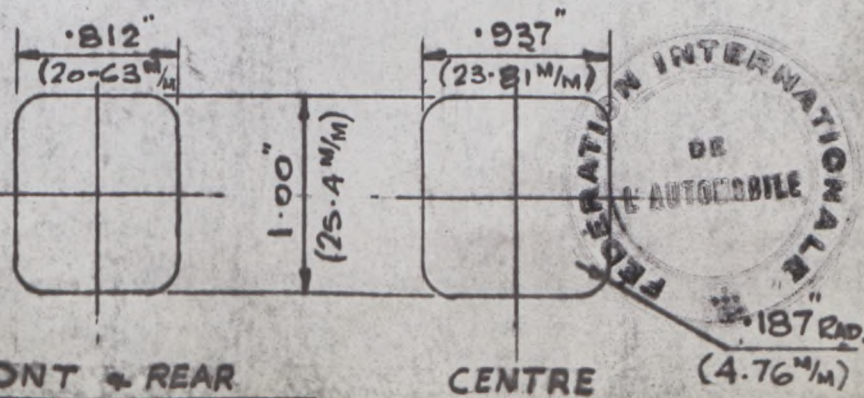
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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



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



GEN. TOL. ± .010 (± .254 mm)

FRONT & REAR

CENTRE



Make Morris/Austin Model Mini 1000 F.I.A. Rec. No. 5284

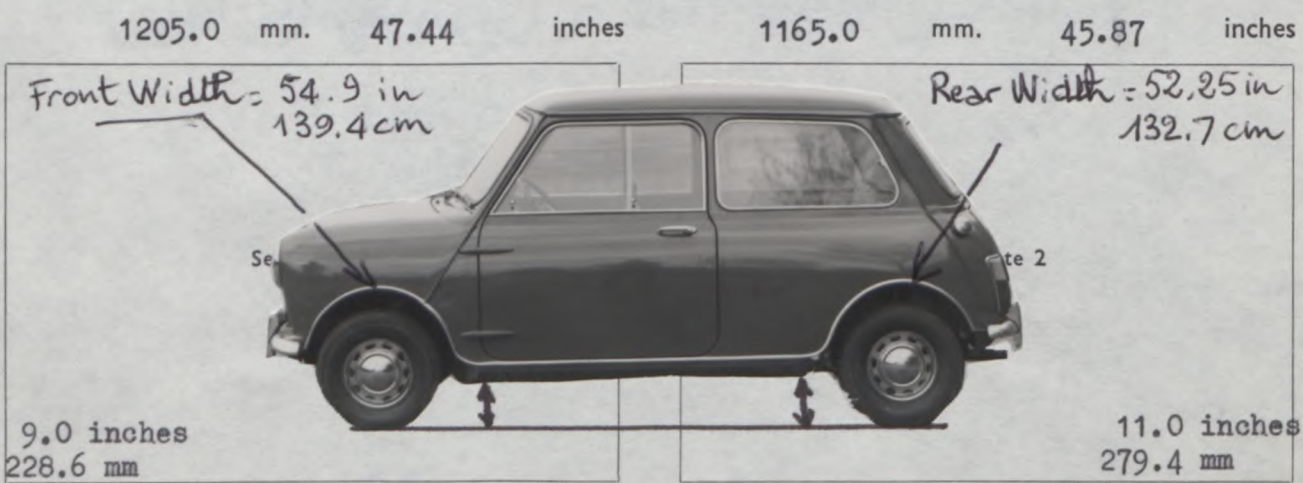
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NOTE 1.

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

CAPACITIES AND DIMENSIONS

- 1. Wheelbase 2036.0 mm. 80.15 inches
- 2. Front track (± 6.35 mm/0.25 inches) 3. Rear track (± 6.35 mm/0.25 inches)



- 4. Overall length of the car 305.5 cm. 120.25 inches
- 5. Overall width of the car 141.0 cm. 55.5 inches
- 6. Overall height of the car 135.0 cm. 53.0 inches
- 7. Capacity of fuel tank (reserve included) 25.0 ltrs. 5.5 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: 630.0 kg. 1388.0 lbs. cwt.

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	— 0.946	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.



Make Morris/Austin

Model Mini 1000

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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 **2** 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 **-**
- 31. Sliding system of door windows **vertical winding**
- 32. Material(s) of rear-quarter light **Safety Glass**

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes ~~yes~~
- 39. Air conditioning : ~~yes~~ — no
- 40. Ventilation : yes ~~yes~~
- 41. Front seats, type of seat and upholstery **Bucket Leathercloth**
- 42. Weight of front seat(s), complete with supports and rails, out of the car :
7.27 kg. 16.0 lbs.
- 43. Rear seats, type of seat and upholstery **Bench - Leathercloth**
- 44. Front bumper, material(s) **Steel** Weight 2.15 kg. 4.75 lbs.
- 45. Rear bumper, material(s) **Steel** Weight 2.15 kg. 4.75 lbs.

WHEELS

- 50. Type **Pressed steel**
- 51. Weight (per wheel, without tyre) 3.175 kg. 6.98 lbs.
- 52. Method of attachment **4 studs and nuts**
- 53. Rim diameter **254.0 mm. 10.0 ins.**
- 54. Rim width **88.8 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 **2.33**
- 63. In case of servo-assistance **-**



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SUSPENSION

- 70. Front suspension (photograph D), type **Independent**
- 71. Type of spring ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ **Rubber cone**
- 72. Stabiliser (if fitted) -
- 73. Number of shock absorbers **2**
- 74. Type **Hydraulic Telescopie**
~~Incompressible liquid~~
- 78. Rear suspension (photograph E), type **Independent**
- 79. Type of spring ~~Hydroelastic displacement~~ **Rubber cone**
- 80. Stabiliser (if fitted)-
- 81. Number of shock absorbers **2**
- 82. Type **Hydraulic Telescopie**
~~Incompressible liquid~~

BRAKES (photographs F and G)

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

		FRONT	1 REAR
93. Number of cylinders per wheel	2		
94. Bore of wheel cylinder(s)	23.8	mm. 0.94 inches	19.05 mm. 0.75 inches

Drum Brakes

95. Inside diameter	177.8	mm. 7.0 inches	177.8 mm. 7.0 inches
96. Length of brake linings	171.5	mm. 6.75 inches	171.5 mm. 6.75 inches
97. Width of brake linings	38.1	mm. 1.5 inches	31.75 mm. 1.25 inches
98. Number of shoes per brake	2		2
99. Total area per brake	13070.0	mm. ² 20.25 sq. in.	10840. mm. ² 16.8 sq. in.

Disc Brakes

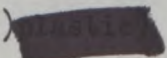
100. Outside diameter		mm. inches	mm. inches
101. Thickness of disc		mm. inches	mm. inches
102. Length of brake linings		mm. inches	mm. inches
103. Width of brake linings		mm. inches	mm. inches
104. Number of pads per brake			
105. Total area per brake		mm. ² sq. in.	mm. ² sq. in.



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ENGINE (photographs J and K)

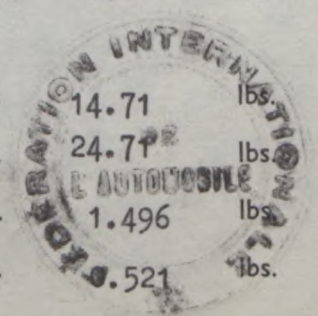
- 130. Cycle **4 stroke**
- 131. Number of cylinders **4**
- 132. Cylinder Arrangement **In line**
- 133. Bore **64.58** mm. **2.54** in.
- 134. Stroke **76.2** mm. **3.00** in.
- 135. Capacity per cylinder **249.5** cm.³ **15.24** cu. in.
- 136. Total cylinder capacity **998** cm.³ **60.96** cu. in.
- 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 **8.3:1**
- 143. Volume of one combustion chamber **24.5** cm.³ **1.49** 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 **33.96/34.09** mm. **1.337/1.342** in.
- 147. Crankshaft: ~~stamped~~/stamped
- 148. Type of crankshaft: integral/**Yes**
- 149. Number of crankshaft main bearings **3**
- 150. Material of bearing cap **Die-cast BS 1452-14**
- 151. System of lubrication: ~~dry sump~~/oil in sump
- 152. Capacity, lubricant **5.06** ltrs. **9.0** pts. **quarts U.S.**
- 153. Oil cooler: ~~yes~~/no
- 154. Method of engine cooling **Pressurised water**
- 155. Capacity of cooling system **3.57** ltrs. **6.25** pts. **quarts U.S.**
- 156. Cooling fan (if fitted) dia. **26.51** cm. **10.44** in.
- 157. Number of blades of cooling fan **11**) 

Bearings

- 158. Crankshaft main, type **Thin wall** dia. **44.46** m.m. **1.75** in.
- 159. Connecting rod big end, type **Thin wall** dia. **41.28** m.m. **1.62** in.

Weights

- 160. Flywheel (clean) **6.69** kg. **14.71** lbs.
- 161. Flywheel with clutch (all turning parts) **11.23** kg. **24.71** lbs.
- 162. Crankshaft **9.5** kg. **19.8** lbs.
- 163. Connecting rod **0.68** kg. **1.496** lbs.
- 164. Piston with rings and pin **0.237** kg. **0.521** lbs.



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FOUR STROKE ENGINES

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

INLET (see page 4)*

180. Material(s) of inlet manifold **Cast iron**
181. Diameter of valves **27.8 mm. 1.09 ins.**
182. Max. valve lift **7.14 mm. 0.28 in.** 183. Number of valve springs **1**
184. Type of spring **Coil** 185. Number of valves per cylinder **1**
186. Tappet clearance for checking timing (cold) **0.3 mm. 0.012 ins.**
187. Valves open at (with tolerance for tappet clearance indicated) **5° BTDC**
188. Valves close at (with tolerance for tappet clearance indicated) **45° ABDC**
189. Air filter, type **Combined air cleaner/silencer**

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold **Cast iron**
196. Diameter of valves **25.4 mm. 1.00 ins.**
197. Max. valve lift **7.14 mm. 0.28 in.** 198. Number of valve springs **1**
199. Type of spring **Coil** 200. Number of valves per cylinder **1**
201. Tappet clearance for checking timing (cold) **0.3 mm. 0.012 ins.**
202. Valves open at (with tolerance for tappet clearance indicated) **40° BBDC**
203. Valves close at (with tolerance for tappet clearance indicated) **10° ATDC**

CARBURETION (photograph N)

210. Number of carburetors fitted **1** 211. Type **Swing Needle**
212. Make **S.U.** 213. Model **HS 4**
214. Number of mixture passages per carburettor **1**
215. Flange hole diameter of exit port(s) of carburettor **38.1 mm. 1.5 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.

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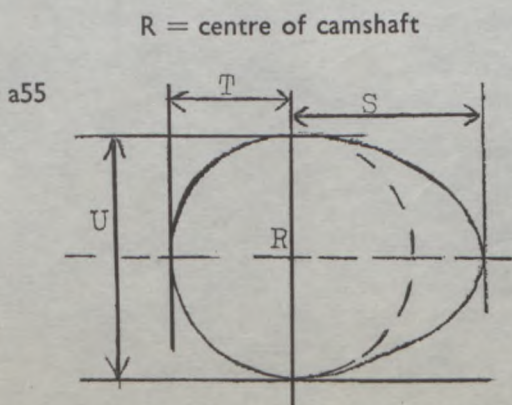
FISA = Transfert en Gr.A

ENGINE ACCESSORIES

- 230. Fuel pump : ~~mechanical and~~ Mechanice S.V.
- 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~~ AlTernator—number fitted 1
- 237. Method of drive Wedge belt
- 238. Voltage of generator 12 volts
- 239. Battery, number 1
- 240. Location Luggage compartment
- 241. Voltage of battery 12.0 volts

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

- 250. Max. engine output 50.0 (type of horsepower: B.H.P.) at 5250 r.p.m.
- 251. Max. r.p.m. 5250 output at that figure
- 252. Max. torque 22.100 at 700 r.p.m.
- 253. Max. speed of the car 100 km./hour 62 miles/hour

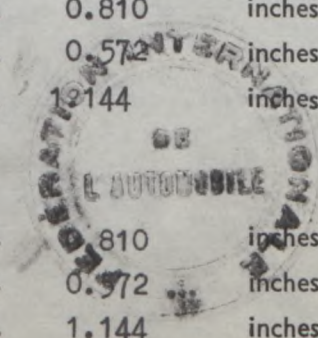


Inlet cam

S =	20.57	mm.	0.810	inches
T =	14.53	mm.	0.572	inches
U =	29.06	mm.	1.144	inches

Exhaust cam

S =	20.57	mm.	0.810	inches
T =	14.53	mm.	0.572	inches
U =	29.06	mm.	1.144	inches



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DRIVE TRAIN

CLUTCH

260. Type of clutch Diaphragm spring 261. No. of plates 1
262. Dia. of clutch plates 18.1 cm. 7.125 ins.
263. Dia. of linings, inside 13.34 cm. 5.25 ins.
- outside 18.1 cm. 7.125 ins.
264. Method of operating clutch Hydraulic

GEAR BOX (photograph H)

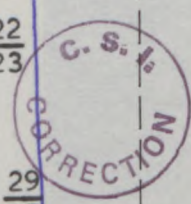
270. Manual type, make BMC Method of operation Central gearchange lever
271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 3 (4 later models)
273. Location of gear-shift Between front seats
274. Automatic, make BMC/Automotive Products type Torque converter
275. No. of forward ratios 4 276. Location of gear shift Between front seats

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth
1.	3.52	$\frac{29}{17} \times \frac{31}{15}$	2.69:1		2.543	$\frac{25}{19} \times \frac{29}{15}$		
2.	2.21	$\frac{29}{17} \times \frac{26}{20}$	1.845:1		1.73	$\frac{25}{19} \times \frac{25}{19}$		
3.	1.43	$\frac{29}{17} \times \frac{21}{25}$	1.46:1		1.257	$\frac{25}{19} \times \frac{22}{23}$		
4.	1.0:1		1.0:1		1.0:1			
Reverse	3.54	$\frac{29}{17} \times \frac{17}{15} \times \frac{33}{18}$	2.69:1		2.69	$\frac{25}{19} \times \frac{18}{15} \times \frac{29}{17}$		

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

FINAL DRIVE

290. Type of final drive Helical spur gear 291. Type of differential Bevel
292. Type of limited slip differential (if fitted) -
293. Final drive ratio 3.44:1 Number of teeth 18/62
- 3.27:1 (automatic) 22/72
- 4.35:1 15/65



Make Morris/Austin

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F.I.A. Rec. No. 5284

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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 :

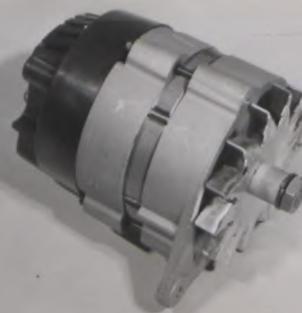
on <u>1/4</u>	19 <u>69</u>	rec. no. <u>1/1V</u>	List <u>69/2</u>	on	19.....	rec. no.....	List.....
on <u>1/1</u>	19 <u>70</u>	rec. no. <u>2/2V</u>	List <u>"</u>	on	19.....	rec. no.....	List.....
on <u>1/1</u>	19 <u>70</u>	rec. no. <u>3/3V</u>	List <u>70/1</u>	on	19.....	rec. no.....	List.....
on	19.....	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.

Manufacturing tolerances

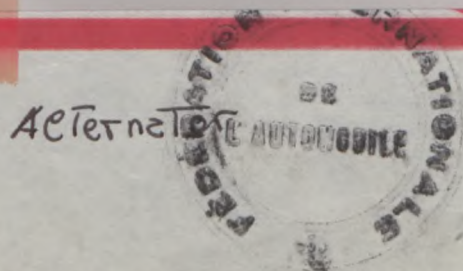


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54 mm
.031
" / .



number of teeth :- 62/15

 Fuel Pump





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

Manufacturer..... British Leyland

Model..... Mini 1000

5284

F.I.A. Recognition No.

Amendment No. **6/5V-G-2**

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Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. 1. Reference No. Brakes



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

	FRONT		REAR	
93. No. of cylinders per wheel	2		1	
94. Bore of wheel cylinder(s)	44.45 %	1.75"	15.875 %	0.625"
<u>Drum Brakes</u>				
95. Inside diameter			177.8 %	7.0"
96. Length of brake linings			171.5 %	6.75 "
97. Width of brake linings			31.75 %	1.25"
98. No. of shoes per brake			2	
99. Total area per brake			10887.0%	16.8sq.in

Disc Brakes

100. Outside diameter	190.5%	7.5"
101. Thickness of disc	9.52%	0.375"
102. Length of brake linings approx.	69.85%	2.75"
103. Width of brake linings approx.	42.85%	1.68"
104. No. of pads per brake	2	
105. Total area per brake	5575.0 %	8.64sq.in

Date amendment is valid from **1/4/71**

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



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

Manufacturer..... BRITISH LEYLAND
Model..... MINI 1000
F.I.A. Recognition No. 5284
Amendment No. ~~210507~~

716V

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Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
1.	[REDACTED]

2. Suspension Arms - Lower Wishbone Set
Part Number C-AJJ 3364



Date amendment is valid from.....

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



MOTOR SPORT DIVISION
The Royal Automobile Club
31 Belgrave Square, London SW1X 8QH

Manufacturer British Leyland
Model Mini 1000
F.I.A. Recognition No. 5284
Amendment No. 5287 - Gr II

Amendment to Form of Recognition

12 / 7 V

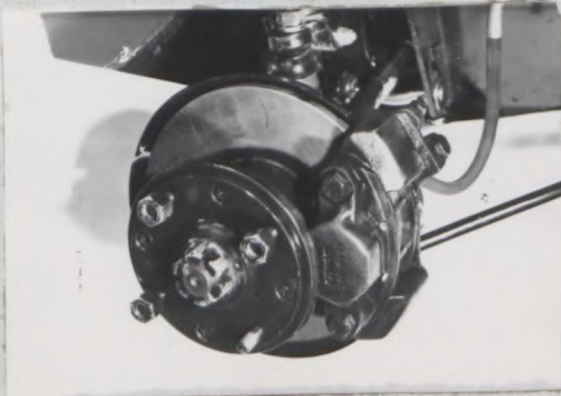
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Valid in Group Group 2

FISA - Transfert en Gr.A

OPTIONAL EQUIPMENT

No. 1. Reference No. Brakes



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

	FRONT		REAR	
93. No. of cylinders per wheel	2		1	
94. Bore of wheel cylinder(s)	44.45 %	1.75"	15.875%	0.625"
<u>Drum Brakes</u>				
95. Inside diameter			177.8 %	7.0"
96. Length of brake linings			171.5%	6.75"
97. Width of brake linings			31.75%	1.25"
98. No. of shoes per brake			2	
99. Total area per brake			10887.0%	16.8 sq.in
<u>Disc Brakes</u>				
100. Outside diameter	190.5 %	7.5"		
101. Thickness of disc	9.52%	0.375"		
102. Length of brake linings approx.	69.85%	2.75 "		
103. Width of brake linings approx.	42.85%	1.68 "		
104. No. of pads per brake	2			
105. Total area per brake	5575.0 %	8.64 sq.in		

Front track (+ 6.35 % / 0.25") 49.125" - 1247.8% with 4.5" rim

Rear track (+ 6.35 % / 0.25") 47.31" - 1201 % with 4.5" rim



-1.AVR.1978

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



BL. MORRIS/AUSTIN - MINI 1000

MARQUE ET MODELE

1/82

VALIDITE HOMOLOGATION

5284 TR

FICHE NR.

A / 1000

GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES
6/5V	1/82	FREIN	
7/6V	1/82	SUSPENSION	
12/7V	1/82	FREIN	

Autres homologations du modèle 5284 groupe 1

Vérifiée le 25/10/95 par [Signature] visée ce jour le _____ par _____