



F.I.A. Recognition No. **5405**
Group **1**

FISA - Transfert en Gr.

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

		Cylinder-capacity	1275	cm. ³	77.8	in. ³
Manufacturer	British Leyland Motor Corp.	Model	Mini 1275 GT			
Serial No. of chassis/body	XAD2	Manufacturer	British Leyland			
Serial No. of engine	12H	Manufacturer	British Leyland			
Recognition is valid from	1/4/71	List	71/4			
The manufacturing of the model described in this recognition form started on.....19.....						
and the minimum production of.....5000.....identical cars, in accordance with the specifications of						
this form was reached on.....October.....19 70						

Photograph A, ¼ view of car from front



F.I.A. Stamp

R.A.C. Stamp



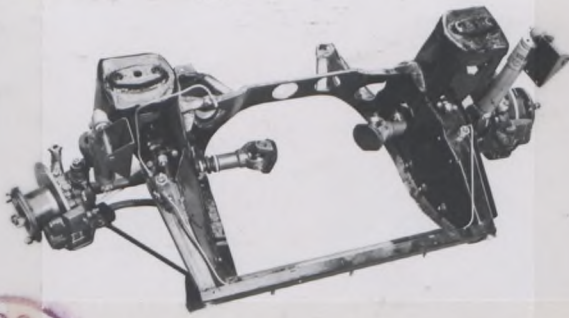
B



C



D



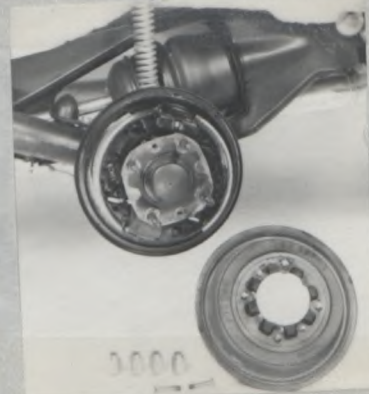
E



F



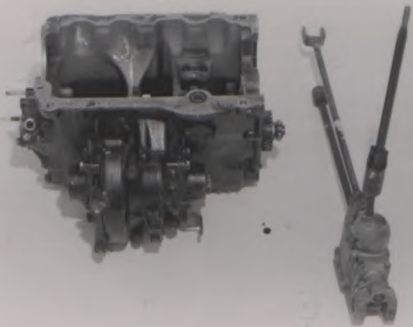
G



3000



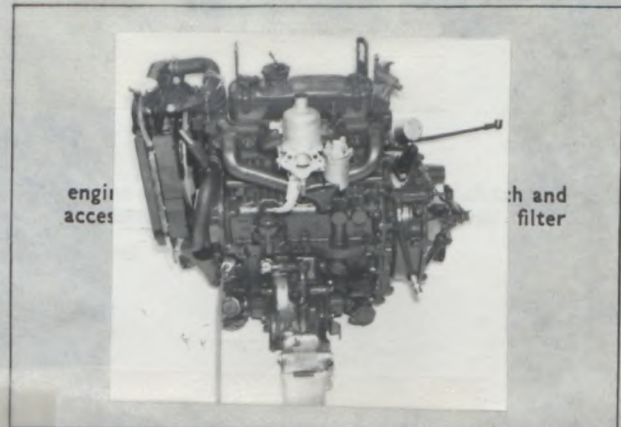
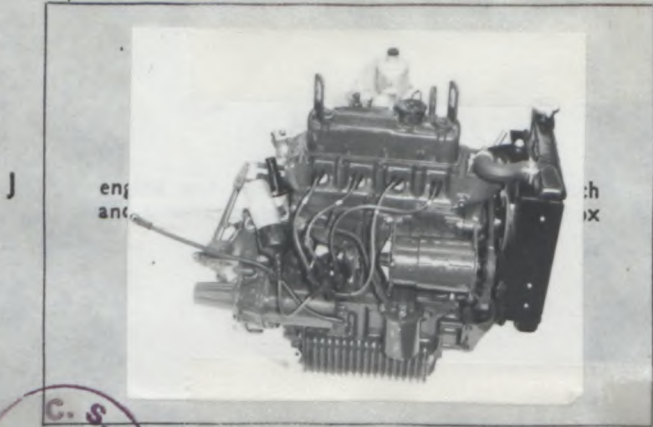
H



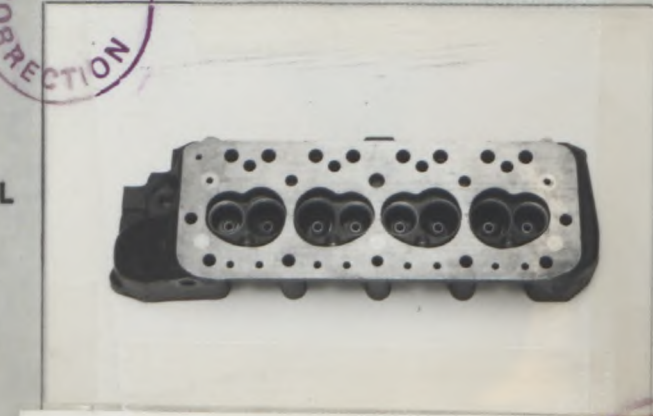
siler

I

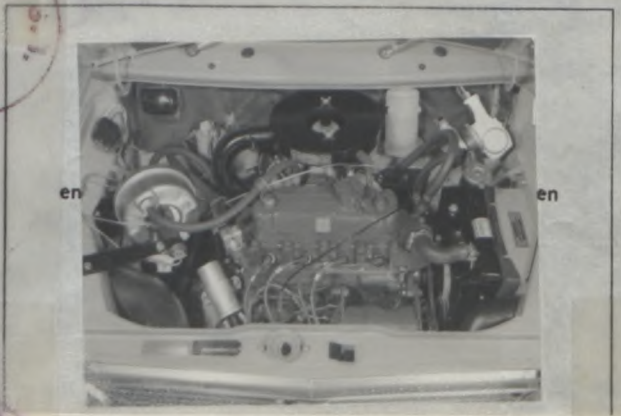
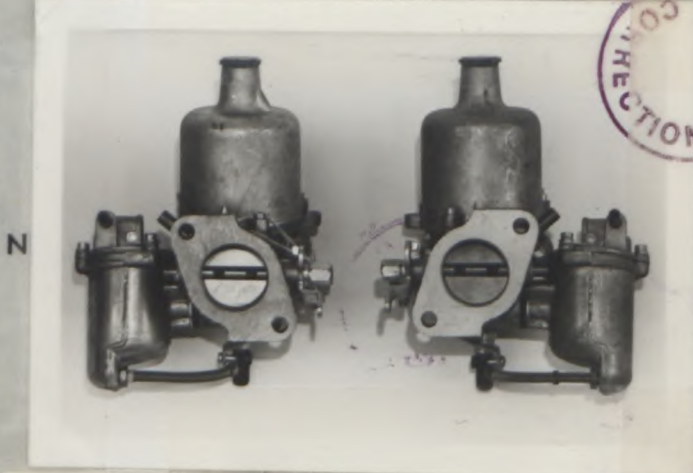




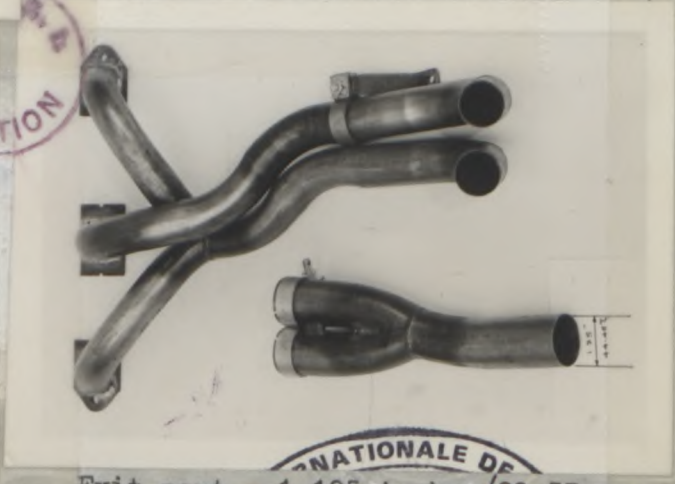
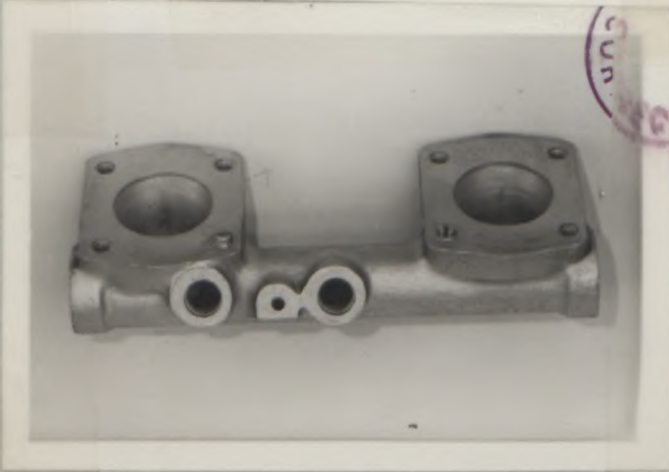
G.S.I.
CORRECTION



CORRECTION
G.S.I.



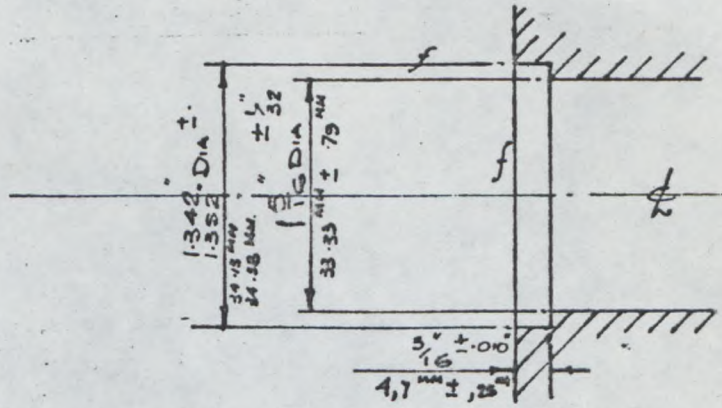
CORRECTION
G.S.I.



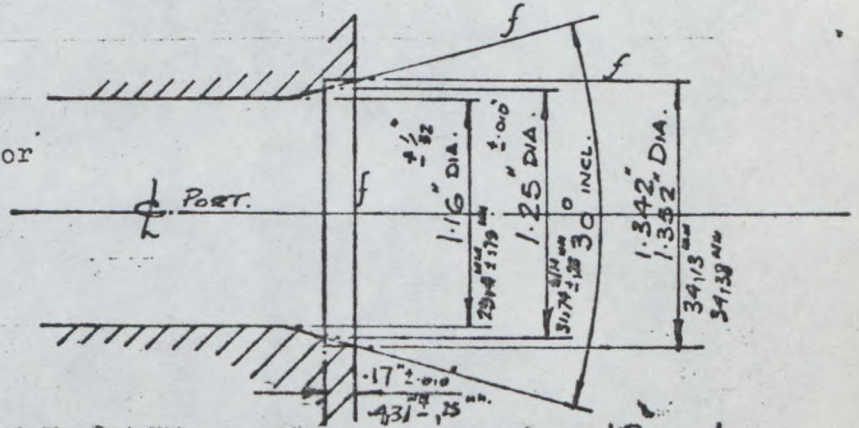
Exit port - 1.125 inches / 28.57 mm

FISA - Transfert en Gr.A

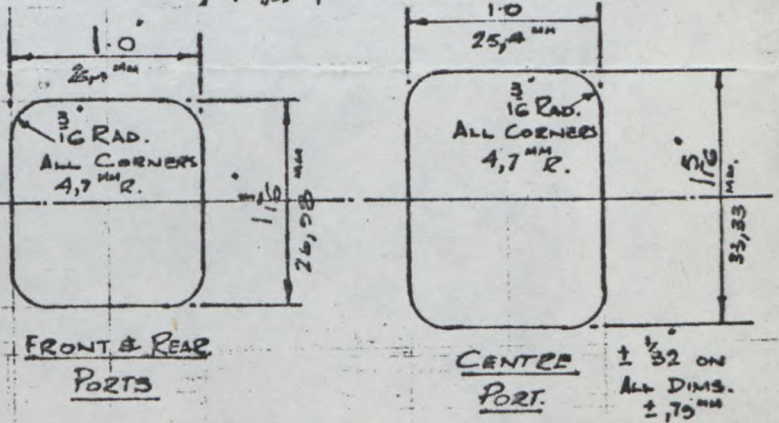
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



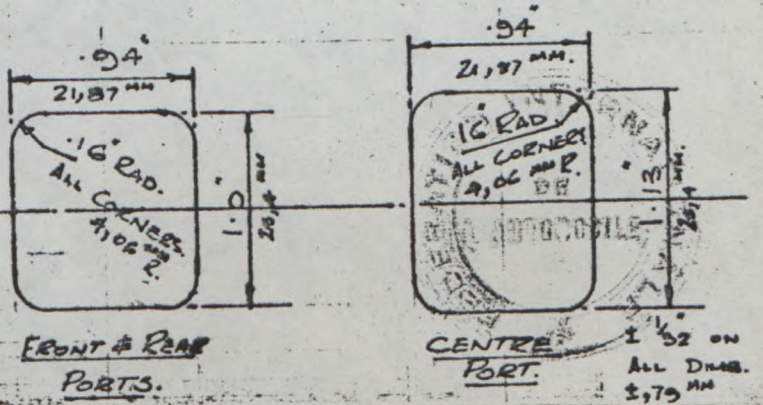
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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.



Make: Mini Model: 1275 GT F.I.A. Rec. No. 5405

FISA - Transfert en Gr.A

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 ($\pm 0.25''/6.35$ mm) | 1241 | mm. | | inches |
| 3. Rear track ($\pm 0.25''/6.35$ mm) | 1203 | mm. | | inches |



- | | | | | |
|---|-------|-------|--------|------------|
| 4. Overall length of the car | 316.6 | cm. | 124.6 | inches |
| 5. Overall width of the car | 141.0 | cm. | 55.5 | inches |
| 6. Overall height of the car | 134.6 | cm. | 53.0 | inches |
| 7. Capacity of fuel tank (reserve included) | 34.1 | ltrs. | | gall. U.S. |
| 8. Seating Capacity. | 4 | | | |
| 9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools: | 630.0 | kg. | 1386.0 | 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.

Make: Mini

Model: 1275 GT

F.I.A. Rec. No. MSR 5405

FISA - Transfert en Gr.A

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 — xxx | 39. Air conditioning : yes — no | | | | | |
| 40. Ventilation : yes — xxx | 41. Front seats, type of seat and upholstery | Bucket, P.V.C. | | | | |
| 42. Weight of front seat(s), complete with supports and rails, out of the car : | | | | | | |
| | 7.26 | kg. | 16.0 | lbs. | | |
| 43. Rear seats, type of seat and upholstery | Bench, P.V.C. | | | | | |
| 44. Front bumper, material(s) | Steel | Weight | 2.45 | kg. | 5.4 | lbs. |
| 45. Rear bumper, material(s) | Steel | Weight | 1.99 | kg. | 4.4 | lbs. |

WHEELS

- | | | | | | |
|--------------------------------------|--|------|-----|------|------|
| 50. Type | Pressed steel disc | | | | |
| 51. Weight (per wheel, without tyre) | | 4.09 | kg. | 9.0 | lbs. |
| 52. Method of attachment | 4 studs and nuts | | | | |
| 53. Rim diameter | 240 mm. 100 ins. | | | | |
| | 304.8 | 120 | | | |
| 54. Rim width | 114.3 | mm. | 4.5 | ins. | |

STEERING

- | | | | |
|---|---------------------|--|--|
| 60. Type | Rack and pinion | | |
| 61. Servo-assistance : | yes — no | | |
| 62. Number of turns of steering wheel from lock to lock | 2.72 | | |
| 63. In case of servo-assistance | - | | |

Make Mini

Model 1275 GT

F.I.A. Rec. No. 5405

FISA - Transfert en Gr.A

SUSPENSION

- 70. Front suspension (photograph D), type Independent
- 71. Type of spring [redacted] Rubber cone
- 72. Stabiliser (if fitted) -
- 73. Number of shock absorbers 2 74. Type [redacted] Hydraulic Telescopic
- 78. Rear suspension (photograph E), type [redacted] Independent trailing arm
- 79. Type of spring [redacted] Rubber cone
- 80. Stabiliser (if fitted) -
- 81. Number of shock absorbers 2 82. Type [redacted] Hydraulic Telescopic

BRAKES (photographs F and G)

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

93. Number of cylinders per wheel	<u>2</u>	FRONT		<u>1</u>	REAR	
		<u>12,7</u>				
94. Bore of wheel cylinder(s)	<u>50,8</u>	<u>[redacted]</u> mm.	<u>[redacted]</u> inches	<u>[redacted]</u> mm.	<u>[redacted]</u> inches	

Drum Brakes

95. Inside diameter		mm.	inches	<u>177.8</u>	mm.	<u>7.0</u>	inches
96. Length of brake linings		mm.	inches	<u>171.5</u>	mm.	<u>6.75</u>	inches
97. Width of brake linings		mm.	inches	<u>31.75</u>	mm.	<u>1.25</u>	inches
98. Number of shoes per brake							
99. Total area per brake		mm. ²	sq. in.	<u>10840.</u>	mm. ²	<u>16.8</u>	sq. in.

Disc Brakes

100. Outside diameter	<u>213,4</u>	<u>[redacted]</u> mm.	<u>[redacted]</u> inches		mm.		inches
101. Thickness of disc	<u>9,39 - 9,65</u>	<u>[redacted]</u> mm.	<u>[redacted]</u> inches		mm.		inches
102. Length of brake linings	approx. <u>69.8</u>	mm.	<u>2.75</u> inches		mm.		inches
103. Width of brake linings	approx. <u>47,5</u>	<u>[redacted]</u> mm.	<u>[redacted]</u> inches		mm.		inches
104. Number of pads per brake			<u>2</u>				
105. Total area per brake	<u>6631</u>	<u>[redacted]</u> mm. ²	<u>[redacted]</u> sq. in.		mm. ²		sq. in.

Make Mini Model 1275 GT F.I.A. Rec. No. 1275 5405

FISA - Transfert en Gr.A

ENGINE (photographs J and K)

130. Cycle 4 stroke
131. Number of cylinders 4
132. Cylinder Arrangement In line
133. Bore 70.62 mm. 2.78 in. 134. Stroke 81.33 mm. 3.20 in.
135. Capacity per cylinder 318.7 cm.³ 19.4 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 36.4 cm.³ cu. in.
144. Piston, material Aluminium (Ref. FJJ 3377) 145. Number of rings 3
146. Distance from gudgeon pin centre line to highest point of piston crown 37.91/38.03 mm. 1.492/1.497 in.
147. Crankshaft: ~~m681868~~/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 5.11 ltrs. 9.0 pts. quarts U.S.
153. Oil cooler: yes/no 154. Method of engine cooling Pressurised water
155. Capacity of cooling system 2.98 ltrs. 5.25 pts. quarts U.S.
156. Cooling fan (if fitted) dia. 26.51 cm. 10.44 in.
157. Number of blades of cooling fan Plastic - 11 blade

Bearings

158. Crankshaft main, type Leadindium dia. 50.82 m.m. 2.00 in.
159. Connecting rod big end, type Leadindium dia. 44.52 m.m. 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.

Make Mini

Model 1275 GT

F.I.A. Rec. No. 1500 5405

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

FISA - Transfert en Gr.A

INLET (see page 4)*

ALUMINIUM ALLOY

180. Material(s) of inlet manifold [REDACTED]
181. Diameter of valves 35,71 [REDACTED] mm. [REDACTED] ins.
182. Max. valve lift 10.00 mm. [REDACTED] 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/warm) 0,406 [REDACTED] mm. [REDACTED] ins.
187. Valves open at (with tolerance for tappet clearance indicated) ~~BTDC~~ BTDC 50°
188. Valves close at (with tolerance for tappet clearance indicated) ~~ABDC~~ ABDC 70°
189. Air filter, type

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold Cast iron integral with inlet manifold
196. Diameter of valves 29.26/29.38 mm. 1.151/1.156 ins.
197. Max. valve lift 10.00 mm. [REDACTED] 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/warm) 0,406 [REDACTED] mm. [REDACTED] ins.
202. Valves open at (with tolerance for tappet clearance indicated) ~~BBDC~~ BBDC 75°
203. Valves close at (with tolerance for tappet clearance indicated) ~~ATDC~~ ATDC 45°
204. Diameter outlet orifice exhaust manifold 44,45 [REDACTED] mm. [REDACTED] ins.

CARBURETION (photograph N)

210. Number of carburettors fitted ~~1~~ 2 211. Type Semi-down draught
212. Make S.U. 213. Model HS4 - AUD 703
214. Number of mixture passages per carburettor
215. Flange hole diameter of exit port(s) of carburettor 38.10 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) Not 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.

Make Mini

Model 1275 GT

F.I.A. Rec. No. MSR 5405

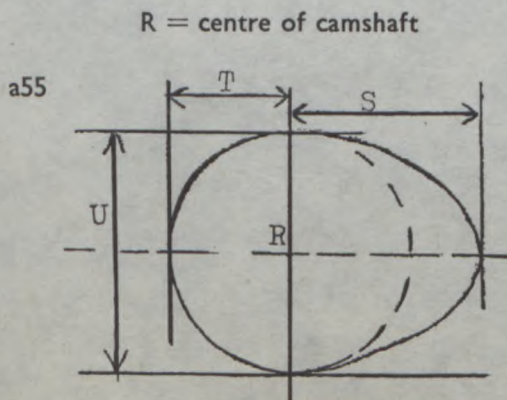
FISA - Transfert en Gr.A

ENGINE ACCESSORIES

230. Fuel pump : mechanical ~~and/or electrical~~ S.U.
231. No. fitted 1
232. Type of ignition system HT 233. No. of distributors 1
234. No. of ignition coils 1 235. No. of spark plugs per cylinder 1
236. Generator, type : ~~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 volts

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

250. Max. engine output 60 (type of horsepower: bhp) at 5250 r.p.m.
251. Max. r.p.m. 5750 output at that figure 59.5 bhp
252. Max. torque 69.0 lb. ft at 2500 r.p.m.
253. Max. speed of the car Not quoted km./hour miles/hour



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

Make Mini Model 1275 GT F.I.A. Rec. No. 1887 5405

DRIVE TRAIN

FISA - Transfert en Gr.A

CLUTCH

260. Type of clutch Diaphragm spring 261. No. of plates 1
262. Dia. of clutch plates 18.10 cm. 7.125 ins.
263. Dia. of linings, inside 13.34 cm. 5.25 ins.
- outside 18.10 cm. 7.125 ins.
264. Method of operating clutch Hydraulic - via foot pedal

GEAR BOX (photograph H)

270. Manual type, make BLMC Method of operation Manual gearchange
271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 4
273. Location of gear-shift Rod remote control
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	3.30:1	$\frac{18}{29} \times \frac{31}{15}$			2.54:1	$\frac{19}{25} \times \frac{29}{15}$		
2	2.07:1	$\frac{18}{29} \times \frac{26}{20}$			1.73:1	$\frac{19}{25} \times \frac{25}{19}$		
3	1.35:1	$\frac{18}{29} \times \frac{21}{29}$			1.257:1	$\frac{19}{25} \times \frac{22}{23}$		
4	1.00:1	-			1.00:1	-		
5								
6								
reverse	3.35:1	$\frac{18}{29} \times \frac{17}{15} \times \frac{33}{18}$			2.69:1	$\frac{19}{25} \times \frac{17}{15} \times \frac{33}{18}$		

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

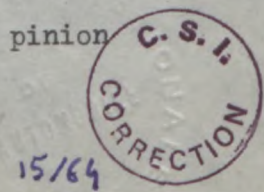
FINAL DRIVE

290. Type of final drive Helical spur 291. Type of differential Bevel pinion
292. Type of limited slip differential (if fitted in series-production) _____
293. Final drive ratio 4.1:1 Number of teeth 15/62



3.44 4.26:1 11

18/62



Make Mini Model 1275 GT F.I.A. Rec. No. 5405

FISA - Transfert en Gr.A

IMPORTANT :

During the scrutineering of cars entered in group 5 (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 :

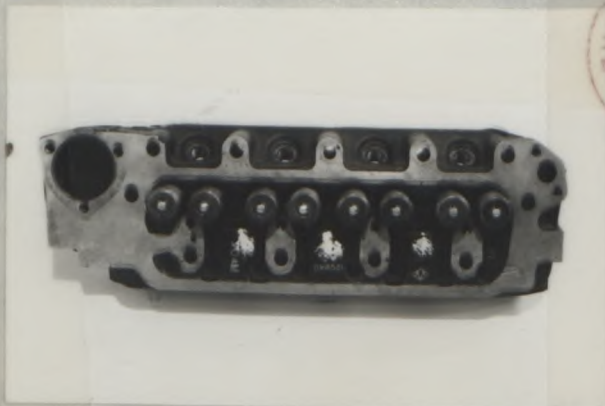
on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....
on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....
on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....
on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....
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 - Group 1
- 293. Final drive ratio - 4.1:1
- Number of teeth - 15/62

Manufacturing Tolerances (unless otherwise stated on the Form)

- General machining: ± 0.010 inches/0.254 mm
- Castings and steel stampings: ± 0.031 inches/0.787 mm
- Pressings: ± 0.010 inches/0.254 mm
- Soft alloy die castings: ± 0.005 inches/0.127mm





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

Manufacturer British Leyland
Model Mini 1275 GT
F.I.A. Recognition No. 1587
Amendment No. 5405

GR II 1/W

FISA - Transfert en Gr. A

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Variant Group 2

3.

Crankshaft Part No. AEG 479



~~147. Crankshaft/stamped~~

~~148. Type of Crankshaft : Integral - yes~~

~~149. Number of crankshaft main bearings - 3~~

Bearings

~~158. Crankshaft main type. Thinwall Dia. 50.82 % 2.00"~~

~~159. Connecting rods, big end Thinwall Dia. 41.29 % 1.625 "~~

~~Material AS20V - Weight = 1 lbs 80oz 4 dms.~~

4.

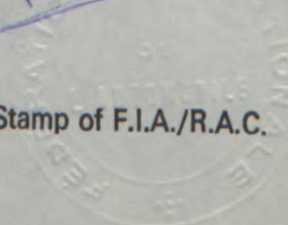
Connecting Rod Part No. AEG 176

5.

Suspension arms - Lower Wishbone Set Part No. C-AJJ 3364

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 SW1X 8QH

Manufacturer B.L. CARS LTD
 Model 1275 GT
 F.I.A. Recognition No. 5405
 Amendment No. _____

26 / 15 V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP ONE

FISA - Transfert en Gr.A

No.	Reference No.
1.	ROLL OVER BAR - DRAWING NUMBER 2
	MAIN TUBE DIA 38mm 1.5ins
	THICKNESS 2.6mm 0.108ins
	BRACE TUBE DIA 38mm 1.5ins
	THICKNESS 2.6mm 0.108ins
	MATERIAL SPECIFICATION BS980CDS2
	WEIGHT REAR SECTION 9.07kg 20lbs
	FRONT SECTION 13.6kg 30lbs



ALTERNATIVE ROLL OVER BAR

MAIN TUBE DIA	38mm	1.5ins
THICKNESS	2.7mm	0.109ins
BRACE TUBE DIA	38mm	1.5ins
THICKNESS	2.7mm	0.109ins
MATERIAL SPECIFICATION	ALUMINIUM HE 30TF	
EN 30 da N		
TENSILE STRENGTH	31 da N	
WEIGHT OF TOTAL ASSEMBLY	9.3kg	20.5lbs

The manufacturer certifies that the car's structure, including the roll-bar, complies with the standards required by the FIA for open cars



-1.OCT.1978

Date amendment is valid from.....

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



BRITISH MOTOR SPORTS COUNCIL
31 Belgrave Square, London SW1X 8QH

Manufacturer B.L. CARS

Model 1275 G.T.

F.I.A. Recognition No. 5405

Amendment No. 28/12E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

FISA - Transfert en Gr.A

Valid in Group 1

No. Reference No.

EVOLUTION



IDLER SPUR GEAR RATIO 1.044:1.

(no of teeth: 23x31x24)

290 SPUR/HELICAL.

STEM DIAMETER INCREASED TO ACCOMMODATE UPDATED IDLER GEAR BEARINGS.



-1.FEV.1980

Date amendment is valid from.....

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



5405 Transfer

base

12 paper

1/1V

1

13/8V

1

26/15V

1

28/12E

1

29/01ER

1



FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation N°

5405

Extension N°

29 / 01 ER

FICHE D'EXTENSION A L'HOMOLOGATION OFFICIELLE FISA
FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION

ET Evolution normale du type: dès le numéro de châssis
Normal evolution of the type: as from chassis number _____

VF Variante de fourniture / Supply variant

VO Variante option / Option variant

ER Errata / Erratum

Homologation valable dès le _____ **- 1 DEC. 1984** _____ en groupe **A**
Homologation valid as from _____ in group _____

Constructeur **BL cars Ltd** _____ Modèle et type **Mini 1275 GT** _____
Manufacturer _____ Model and type _____

Page ou ext. Page or ext.	Art. Art.	Description Description
------------------------------	--------------	----------------------------

La signature et le cachet représentés ci-dessous annulent
et remplacent les signatures et cachets précédents.

The signature and stamp shown below cancel and replace
the previous signatures and stamps.

