FIA N° 3016

FISA - Transfert en Gr.B GB/66

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..1798....cm3..109.8...in3

Manufacturer MG CAR COMPANY LIMITED... Model....MGB.....

Serial No. of chassis..GHN3 or GHN3L Manufacturer BRITISH MOTOR CORPORATION...

engine....18 GB Manufacturer BRITISH MOTOR CORPORATION...

Recognition is valid from..1/4/1970 List...70/4.....

The manufacturing of the model described in this recognition form was started on ....14..10.....1964 and the minimum production of..500.....identical cars, in accordance with the specifications of this form was reached on...1..3.....1965

Photograph A, ¾ view of car from front

F.I.A. Stamp

R.A.C. Stamp

FEDERATION INTERNATIONALE DE L'AUTOMOBILE Secrétariat de la C.S.

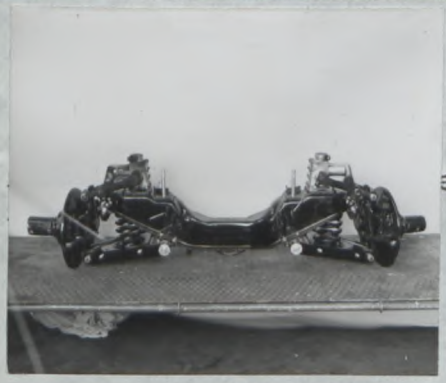
3016

Make MG Model MGB F.I.A. Rec.no. [redacted]

B

C

D



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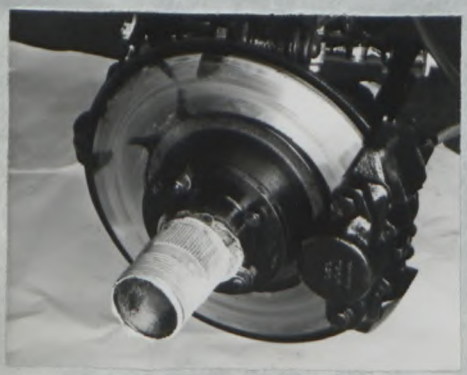

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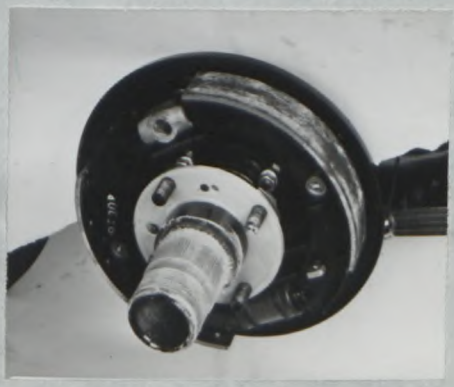

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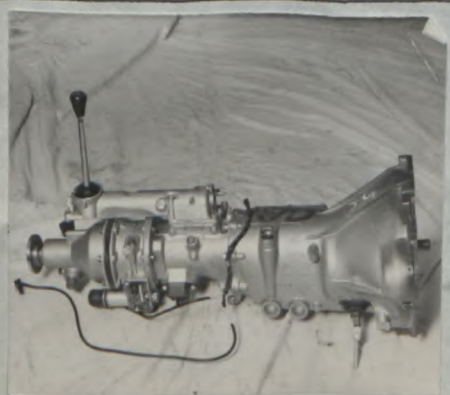

I

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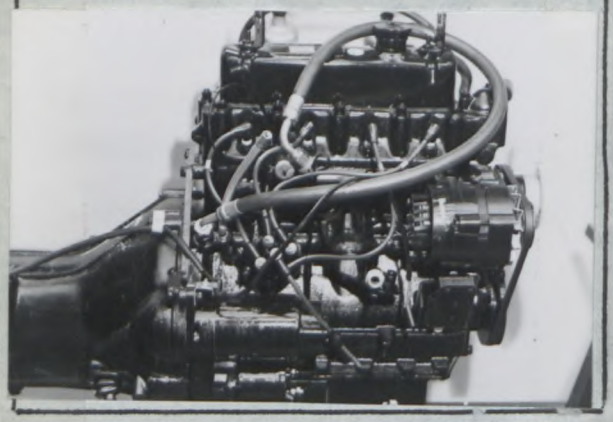

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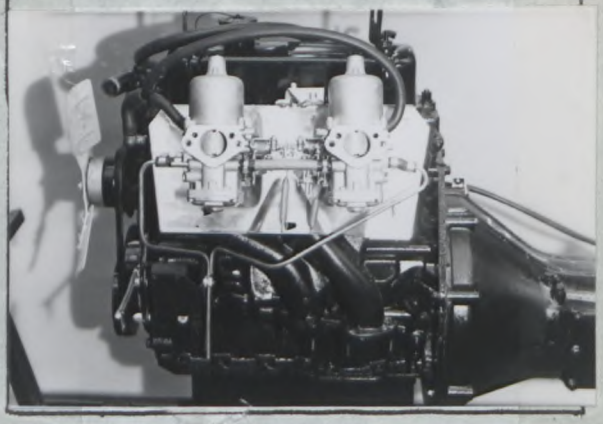

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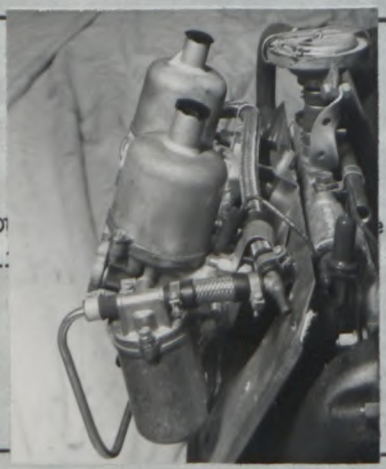

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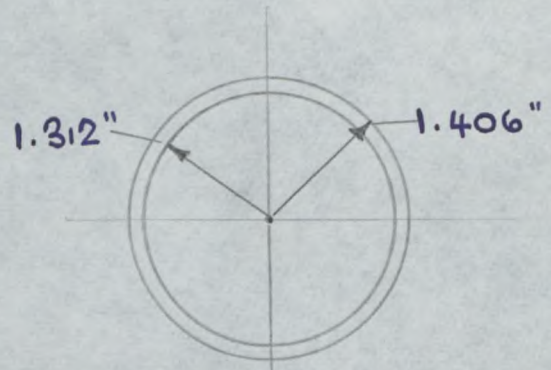
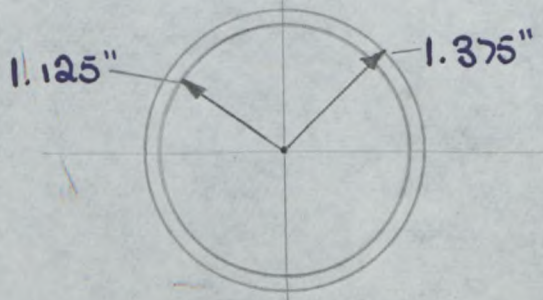
Q

Make MG Model MGB F.I.A. Rec.no. 3016

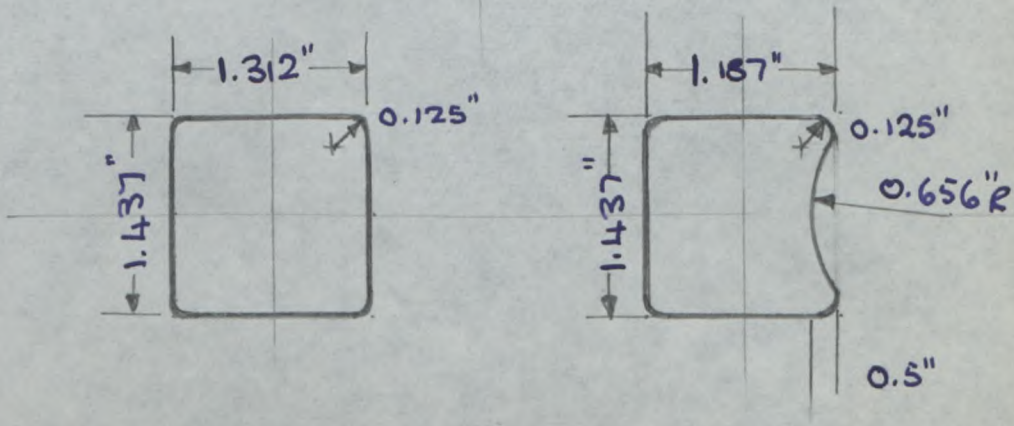
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



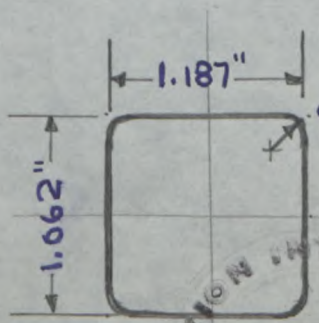
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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.



ALL DIMENSIONS
± 0.010"

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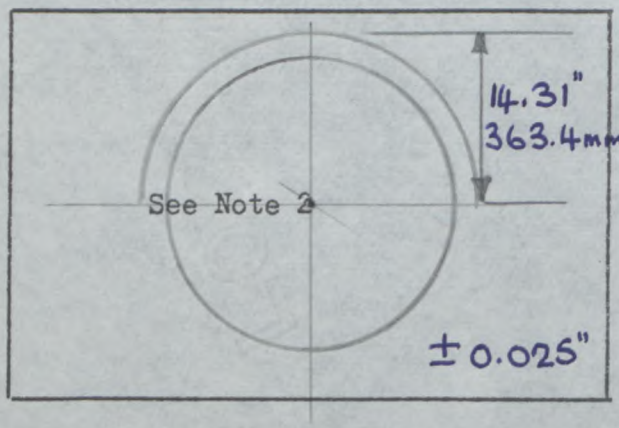
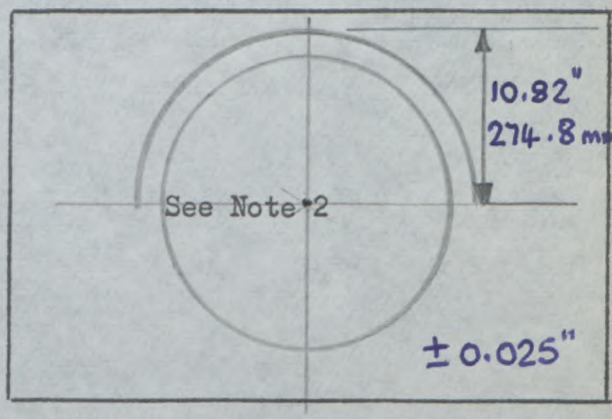
Make MG Model MGB F.I.A. Rec.no. 3016

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

CAPACITIES AND DIMENSIONS

1.	Wheelbase	2310.	mm.	91	inches
2.	Front track	3.	Rear track		
1245. mm.	Disc 49.0 inches		mm.	Disc 49.25	inches
1251.	Wire 49.25			Wire 49.25	





4.	Overall length of the car	382.0	cm.	153.19	inches
5.	Overall width of the car	152.3	cm.	59.94	inches
6.	Overall height of the car	125.4	cm.	49.375	inches

7. Capacity of fuel tank (reserve included)

54.48 ltrs. Gall.US 12 Gall.Imp.

8. Seating Capacity. 2

9. Weight. total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools:

908 kg. 2030 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 cm2	1 gallon Imp.	- 4.546 ltrs
1 cubic inch/pouce cube	- 16.387 cm3	1 gallon US	- 3.785 ltrs
1 pound/livre (lb)	- 453.593 gr.	1 hundred weight(cwt)	- 50.802 kg

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Make MG Model MGB F.I.A. Rec.no. 3016

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction : ~~separate~~ / unitary construction

21. Unitary construction, material(s) All steel

SEPARATE CONSTRUCTION - MATERIALS

22. Chassis

23. Coachwork

24. Number of doors 2

Material(s)

25. Bonnet Aluminium

26. Boot Lid Steel

27. Rear Window Vybak

28. Windscreen Laminated safety glass

29. Front door windows Safety glass

30. Rear door windows

31. Sliding system of door windows Vertical, full winding

32. Material(s) of rear-quarter light Vybak, in hood

ACCESSORIES AND UPHOLSTERY

38. Interior heating : yes - ~~no~~

39. Air conditioning : ~~yes~~ - no

40. Ventillation : yes - ~~no~~

41. Front seats, type of upholstery Leather covered

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

7.9 kg. 17.5 lbs. each

43. Rear seats, type of upholstery

44. Front bumper, material(s) Steel Weight 5.9 kg. 13.0 lbs.

45. Rear bumper, material(s) Steel Weight 5.0 kg. 11.0 lbs.

WHEELS

50. Type ~~Wire spoke or ventilated disc~~ Road wheel (Rostyle)-steel

51. Weight (per wheel, without tyre) Wire 7.15 Disc [redacted] 8,16 kg. Wire [redacted] 18 lbs.

52. Method of attachment 4 stud or centre lock cap Disc 16.0

53. Rim diameter 355.6 mm. 14.0 ins.

54. Rim width Disc 127 [redacted] mm. Disc 5[redacted] ins.

STEERING Wire 114.3 Wire 4.5

60. Type Rack and Pinion

61. Servo-assistance : ~~yes~~ - no

62. Number of turns of steering wheel from lock to lock 2.9

63. In case of servo-assistance.

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SUSPENSION

70. Front suspension (photograph D), type Independent
71. Type of spring Coil
72. Stabiliser (if fitted)
73. Number of shock absorbers 2 74. Type Hydraulic lever arm
78. Rear suspension (photograph E), type Semi elliptic springs
79. Type of spring Leaf
80. Stabiliser (if fitted)
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

		FRONT			REAR		
93. Number of cylinders per wheel		2			2		
94. Bore of wheel cylinder(s)	53.98	mm. 2.08	inches		20.36	mm. 0.8	inches
Drum Brakes							
95. Inside diameter		mm.	inches		254.0	mm. 10.0	inches
96. Length of brake linings		mm.	inches		240.7	mm. 9.48	inches
97. Width of brake linings		mm.	inches		43.0	mm. 1.72	inches
98. Number of shoes per brake		mm.	inches		2	~~mm.~~	~~inches~~
99. Total area per brake		mm2	sq.in.		21678	mm2 33.6	sq.in.
Disc Brakes							
100. Outside diameter	273.0	mm. 10.75	inches			mm.	inches
101 Thickness of disc	8.76	mm. 0.345	inches			mm.	inches
102 Length of brake linings	approx 79.0	mm. 3.1	inches			mm.	inches
103 Width of brake linings	approx 49.0	mm. 1.5	inches			mm.	inches
104 Number of pads per brake	2						
105 Total area per brake	6452	mm2 10.	sq.in.			mm2	sq.in.

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Make MG Model MGB F.I.A. Rec.no. 3015

ENGINE (photographs J and K)

130. Cycle 4 stroke 131. Number of cylinders 4

132. Cylinder Arrangement In line

133. Bore 80.26 mm. 3.16 in. 134. Stroke 88.9 mm. 3.5 in.

135. Capacity per cylinder 449.5 cm3 27.45 cu.in.

136. Total cylinder capacity 1798 cm3 109.8 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 [redacted] 9.0:1

143. Volume of one combustion chamber (total) [redacted] 56.1 cm [redacted] 3.42 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 42.01/42.11 mm. 1.65 in.

147. Crankshaft : ~~moulded~~ / Stamped 148. Type of crankshaft : integral/.Yes....

149. Number of crankshaft main bearings 5

150. Material of bearing cap Cast iron

151. System of lubrication : ~~dry-sump~~ / oil in sump

152. Capacity, lubricant 4.68 ltrs. 8.25 pts. Quarts U.S.

153. Oil cooler : yes / ~~no~~ 154. Method of engine cooling Pressurised radiator

155. Capacity of cooling system 5.4 ltrs. 9.5 pts. quarts U.S.

156. Cooling fan (if fitted) dia. 33.02 cm. 13.0 in.

157. Number of blades of cooling fan 3

Bearings

158. Crankshaft main, type Lead Indium Dia. 54.02 mm. 2.127 in.

159. Connecting rod, big end Lead Indium Dia. 47.66 mm. 1.876 in.

Weights

160. Flywheel (clean) 13.18 kg. 29 lbs.

161. Flywheel with clutch (all turning parts) 19.31 kg. 42.5 lbs.

162. Crankshaft 15.0 kg. 34.8 lbs. 163. Connecting rod 3.86 kg. 2.25 lbs.

164. Piston with rings and pin [redacted] 0.650 kg. 1.43 lbs.

242. Volume of one Combustion Chamber 38-39 c.c. 2,32 - 2,38 cu. in.

FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location Cylinder block

172. Type of camshaft drive Roller chain

173. Type of valve operation O.H.V. pushrod

INLET (see page 4)*

180. Material(s) of inlet manifold Aluminium Alloy

181. Diameter of valves 41.27-41,40 [redacted] mm. 1.625-1.630 [redacted] ins.

182. Max. valve lift 9.26 mm. 0.364 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) 1.39 mm. 0.055 ins.

187. Valves open at (with tolerance for tappet clearance indicated) 16° B.T.D.C.

188. Valves close at (with tolerance for tappet clearance indicated) 56° A.B.D.C.

189. Air filter, type Replaceable paper element

EXHAUST (see page 4)

195. Material(s) of exhaust manifold Cast iron

196. Diameter of valves 34.23 mm. 1.35 ins.

197. Max. valve lift 9.26 mm. 0.364 in. 198. Number of valve springs 2 per valve

199. Type of spring Coil 200. Number of valves per cylinder 1

201. Tappet clearance for checking timing (cold) 1.39 mm. 0.055 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 [redacted] SU/HIF 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 31.37 mm. 1.235 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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Make MG Model MGB F.I.A. Rec.no. 3016

ENGINE ACCESSORIES

230. Fuel pump : ~~mechanical and/or~~ electric.

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 alternator number fitted 1 237. Method of drive Wedge belt

238. Voltage of generator 12 volts. 239. Battery, number 2

240. Location Behind front seats

241. Voltage of battery 6 volts

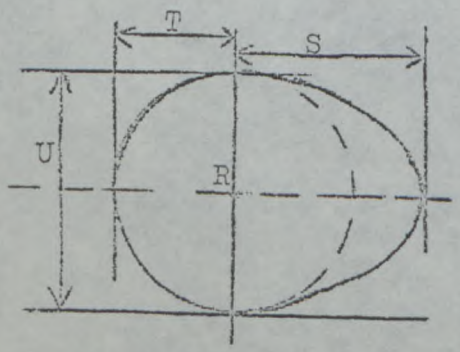
ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

250. Max. engine output 95 (type of horsepower: BHP) at 5.400 rpm

251. Max. rpm 6400 output at that figure

252. Max torque 110 lb. ft. at 3000 rpm

253. Max speed of the car approx 169km/hour approx 105.0 miles/hour



R = centre of camshaft.

Inlet cam

S = 20.95	mm.0.825	inches
T = 14.17	mm.0.558	inches
U = 28.24	mm.1.112	inches

Exhaust cam

S = 20.95	mm.0.825	inches
T = 14.17	mm.0.558	inches
U = 28.24	mm.1.112	inches

Make MG Model MGB F.I.A. Rec.no. 3016

DRIVE TRAIN

CLUTCH

260. Type of clutch Diaphragm 261. No of plates 1

262. Dia. of clutch plates 20.32 cm. 8.0 ins..

263. Dia. of linings, inside 14.6 cm. 5.75 ins.
outside 20.3 cm. 8.0 ins.

264. Method of operating clutch Hydraulic via slave cylinder

GEAR BOX (photograph H)

270. Manual type, make B.M.C.

271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 3

273. Location of gear-shift Central between seats

274. Automatic, make Borg Warner type

275. No. of forward ratios 3 276. Location of gear shift centre on g/box Tunnel

277.	Manual Ratio	Manual No.teeth	Automatic Ratio	Automatic No.teeth	Alternative manual / automatic Ratio	Alternative manual / automatic No.teeth	Ratio	No.teeth
1	3.33	$\frac{26}{18} \times \frac{30}{13}$	2.39		2.44	$\frac{25}{26} \times \frac{11}{28}$		
2	2.167	$\frac{26}{18} \times \frac{27}{18}$	1.45		1.618	$\frac{25}{26} \times \frac{19}{32}$		
3	1.382	$\frac{26}{18} \times \frac{22}{23}$	1.00		1.266	$\frac{25}{26} \times \frac{29}{22}$		
4	1.00				1.00			
5								
6								
re-verse	3.095	$\frac{26}{18} \times \frac{30}{14} \times \frac{13}{13}$	2.09		3.199			

C.S.I. CORRECTION

278. Overdrive, type Laycock - electrically operated

279. Forward gears on which overdrive can be selected 3rd, 4th

280. Overdrive ratio 0.802:1

FINAL DRIVE

290. Type of final drive Hypoid

291 Type of differential Bevel pinion

292. Type of limited slip differential (if fitted)

293. Final drive ratio 3.909:1 3.7:1

Number of teeth 11/43

4.55 9:41

C.S.I. CORRECTION

FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

FISA - Transfert en Gr.B

Make MG Model MGB F.I.A. Rec.No. 3016

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.....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 preceeding information. This to be stated together with reference number.

~~Hard top - Part Numbers: AHH.7458,3,4,5. AHH.7220~~

72 Anti-roll bar - Part Number: AHH.7329

~~293. Final drive ratio 4.55:1~~
~~No. of teeth 9/41.~~

Fuel tank (supplementary) capacity 10 gallons Imp./45.5 litres Part Number: AHH.7051

FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation N°
3016

Extension N°
07 / 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
Homologation valid as from - 1 DEC. 1984

en groupe
in group B

Constructeur
Manufacturer BL cars LTd

Modèle et type
Model and type MGB (1798)

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.

FEDERATION INTERNATIONALE F.I.S.A. DE L'AUTOMOBILE

FEDERATION INTERNATIONALE F.I.S.A. DE L'AUTOMOBILE