

F.I.A. Recognition No. ~~1515~~ 1515

Group 2 - Touring

ADO50/9/64



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

The British Motor Corporation in assoc. with the Cooper Car Co. Ltd.
Cylinder-capacity 970 cm.³ 59.19 in.³
Manufacturer with the Cooper Car Co. Ltd. Model Morris/Austin Mini Cooper S 1000
No. of chassis/body C-A2S7 & K-A2S4 Manufacturer British Motor Corporation
Serial No. of engine 9F-SA-X Manufacturer British Motor Corporation
Recognition is valid from 11th April 1964 List
The manufacturing of the model described in this recognition form started on 10th January 1964
and the minimum production of 1000 identical cars, in accordance with the specifications of
this form was reached on 20th March 1964.

Photograph A. 1/4 view of car from front



F.I.A. Stamp

Hubert / chavez

R.A.C. Stamp



Make Morris/Austin Model Mini Cooper S 1000 F.I.A. Rec. No. 1295

B



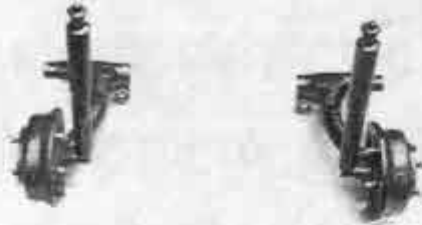
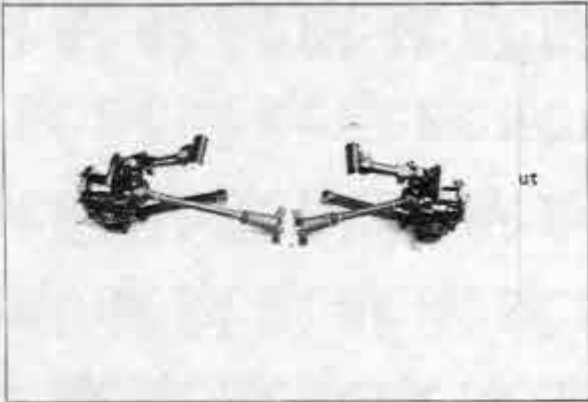
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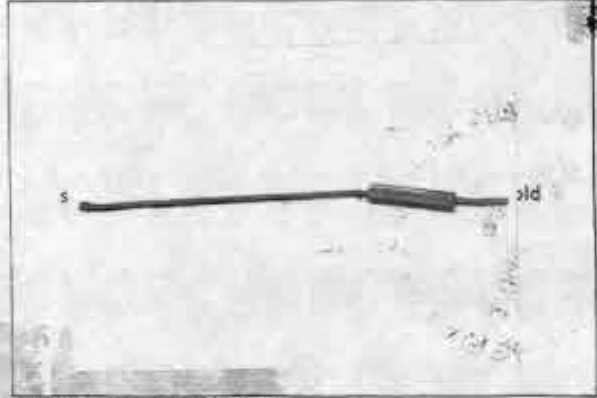


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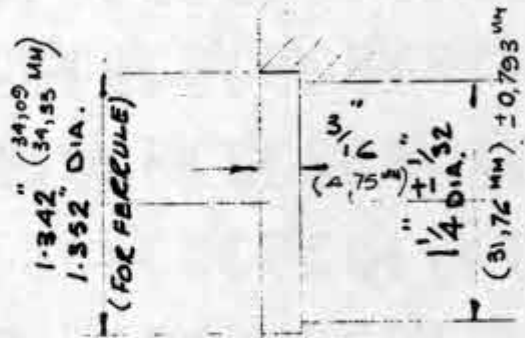


Make..... Morris /Austin

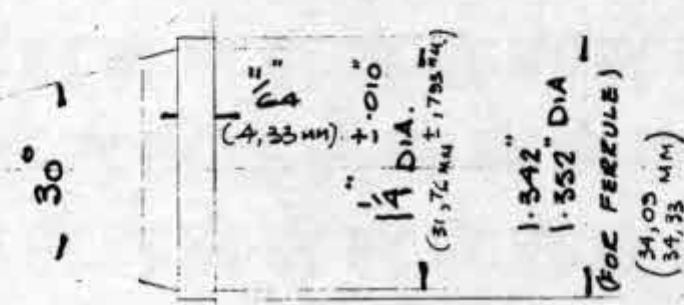
Model..... Mini Cooper S 1000

F.I.A. Rec. No..... 1299

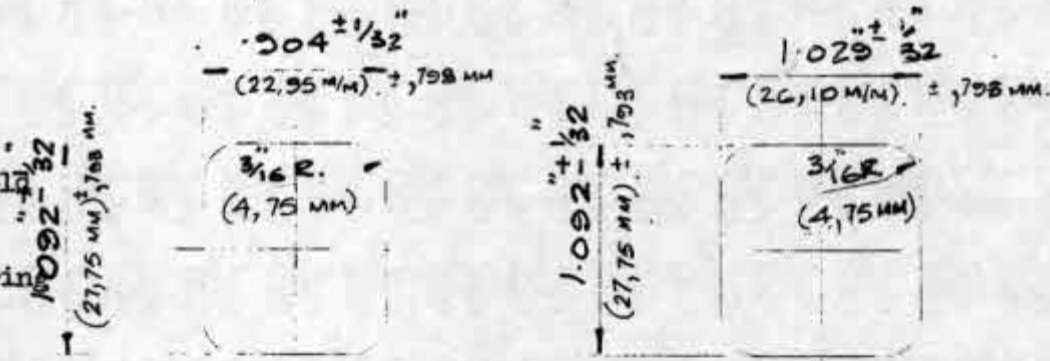
Drawing inlet manifold ports side of cylinderhead. Indicate scale of dimensions and manufacturing tolerance.



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



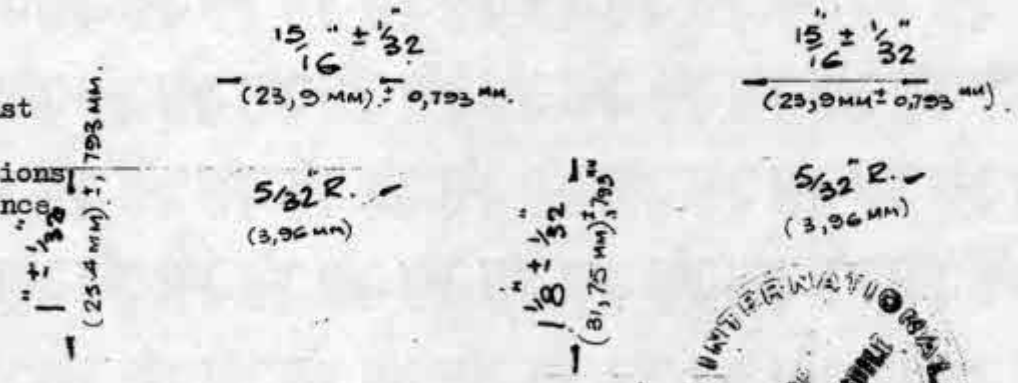
Drawing of exhaust manifold ports, side of cylinderhead. Indicate scale of dimensions and manufacturing tolerance.



FRONT & REAR

CENTRE

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



FRONT & REAR

CENTRE



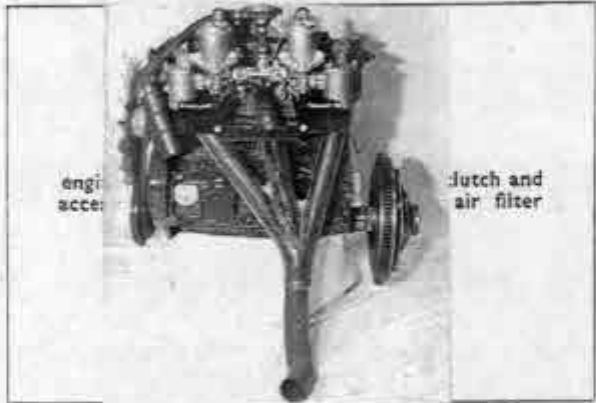
Make Morris/Austin Model Mini Cooper S 1000 F.I.A. Rec. No. 1299



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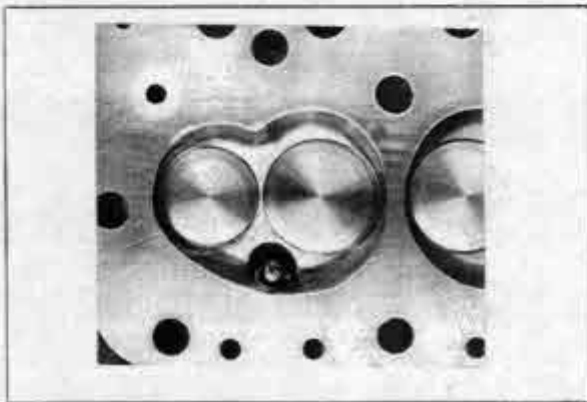
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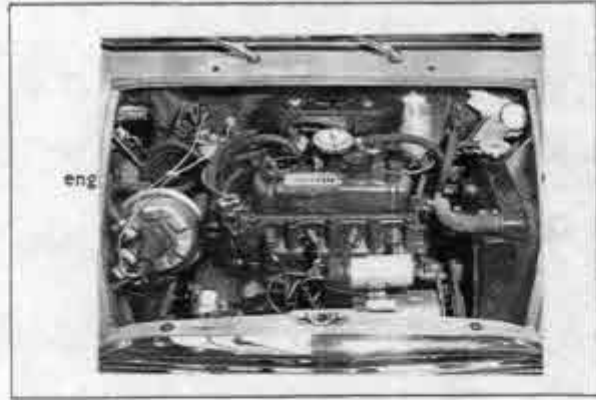
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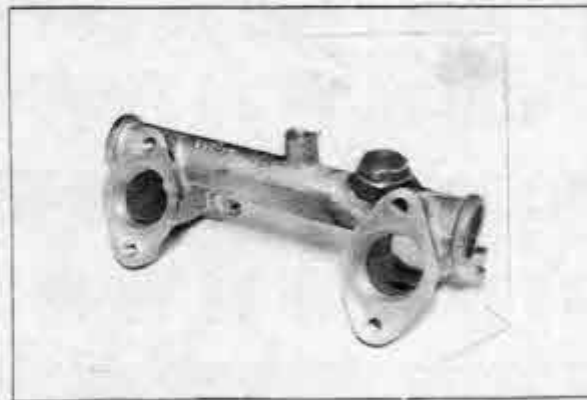
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P



Exit Port - 1.625" / 4.127 cm.

1000
 MINI COOPER S
 1299

NOTE 1.

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

CAPACITIES AND DIMENSIONS

- | | | | | |
|----------------|-----------|--------|--------|--------|
| 1. Wheelbase | 2035.0 | mm. | 80.15 | inches |
| 2. Front track | 1207.0 | mm | 48.125 | inches |
| | or 1242.0 | mm or | 49.125 | inches |
| 3. Rear track | 1176.0 | mm. | 46.31 | inches |
| | or 1203.0 | mm. or | 47.31 | 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 | 134.6 | cm. | 53.0 | inches |
| 7. Capacity of fuel tank (reserve included) | 25 or 50 | ltrs. | gall. U.S. 5.5 or 11.0 | gall. Imp. |
| 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 : | 615.0 | kg. | 1355.0 | 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
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.)



Make Morris/Austin

Model Mini Cooper S 1000

F.I.A. Rec. No. 4299

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 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 Horizontal channels
- 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 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) Weight 2.15 kg. 4.75 lbs.
- 45. Rear bumper, material(s) Weight 2.15 kg. 4.75 lbs.

WHEELS

- 50. Type Pressed steel
- 51. Weight (per wheel, without tyre) 3.52 kg. 7.75 lbs.
- 52. Method of attachment 4 studs and nuts
- 53. Rim diameter 254.0 mm. 10.0 ins. 54. Rim width 88.9 mm. 3.5 ins.
or 114.3 or 4.5

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



Make Morris/Austin

Model Mini Cooper S 1000 F.I.A. Rec. No. 1299

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 61.91 mm. 2.43 in.
135. Capacity per cylinder 242.5 cm.³ 14.79 cu. in.
136. Total cylinder capacity 970.0 cm.³ 59.19 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 11.0 or 10.0:1
143. Volume of one combustion chamber 19.4 cm.³ 1.18 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 38.04 mm. 1.497 in.
147. Crankshaft: ~~mounted~~/stamped 148. Type of crankshaft: integral/.....Yes
149. Number of crankshaft main bearings 3
150. Material of bearing cap SG Iron
151. System of lubrication: ~~dry sump~~/oil in sump
152. Capacity, lubricant 4.5 ltrs. 8.0 pts. quarts U.S.
153. Oil cooler: ~~yes~~/no 154. Method of engine cooling Pressurised water
155. Capacity of cooling system 3.5 ltrs. 6.16 pts. quarts U.S.
156. Cooling fan (if fitted) dia. 26.51 cm. 10.44 in.
157. Number of blades of cooling fan 16

Bearings

158. Crankshaft main, type Thinwall dia. 50.82 m.m. 2.00 in.
159. Connecting rod big end, type Thinwall dia. 41.30 m.m. 1.625 in.

Weights

160. Flywheel (clean) 6.8 kg. 14.99 lbs.
161. Flywheel with clutch (all turning parts) 4.53 kg. 9.98 lbs.
162. Crankshaft 10.8 kg. 23.81 lbs. 163. Connecting rod 0.68 kg. 1.50 lbs.
164. Piston with rings and pin 0.38 kg. 0.84 lbs.

Make Morris/Austin Model Mini Cooper S 1000 F.I.A. Rec. No. 1299

FOUR STROKE ENGINES

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

INLET (see page 4)*

180. Material(s) of inlet manifold Aluminium alloy
181. Diameter of valves 35.58 mm. 1.401 ins.
182. Max. valve lift 10.01 mm. 0.394 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) 0.41 mm. 0.015 ins.
187. Valves open at (with tolerance for tappet clearance indicated) 50° BTDC
188. Valves close at (with tolerance for tappet clearance indicated) 70° ABDC
189. Air filter, type Dry replaceable element

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold Steel pressing
196. Diameter of valves 30.84 mm. 1.214 ins.
197. Max. valve lift 10.01 mm. 0.394 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) 0.41 mm. 0.015 ins.
202. Valves open at (with tolerance for tappet clearance indicated) 75° BBDC
203. Valves close at (with tolerance for tappet clearance indicated) 45° ATDC

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

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

Make Morris/Austin

Model Mini Cooper S 1000

F.I.A. Rec. No. 1295

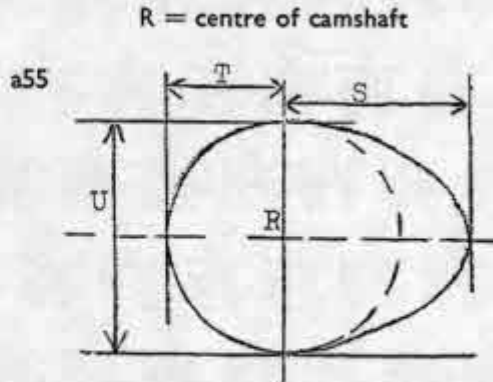


ENGINE ACCESSORIES

- 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 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 68 (type of horsepower: BHP) at 6500 r.p.m.
- 251. Max. r.p.m. output at that figure
- 252. Max. torque 57 lbsft at 5000 r.p.m.
- 253. Max. speed of the car 148.0 km./hour 92.0 miles/hour



<u>Inlet cam</u>			
S = 20.37	mm.	0.802	inches
T = 13.97	mm.	0.550	inches
U = 28.17	mm.	1.109	inches
<u>Exhaust cam</u>			
S = 20.55	mm.	0.809	inches
T = 13.79	mm.	0.543	inches
U = 27.69	mm.	1.09	inches

Make Morris/Austin

Model Mini Cooper S 1000

F.I.A. Rec. No. 1299

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 :

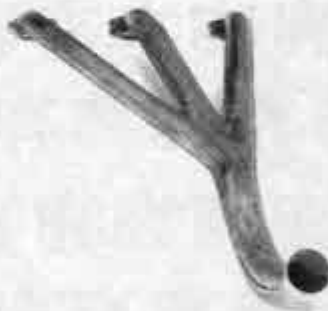
3.	on	16.11	19	64	rec. no.	1299	List	1/EJ	on	19	rec. no.		List
1	on	1.4.	19	65	rec. no.	1299	List	2/EJ	on	19	rec. no.		List
1	on	1.6	19	65	rec. no.	1299	List	B/V	on	19	rec. no.		List
1	on	1.5	19	66	rec. no.	1299	List	-	on	19	rec. no.		List
2	on	1.3	19	68	rec. no.	1299	List		on	19	rec. no.		List

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

- 153. Oil cooler - ARA 167
- 7. Fuel tank - 21A1468 - 45 litres/10 gallons
- Sump guard - 21A1340
- 38. Fresh Air Heater
- Export Radiator

Touring Equipment

- Camshaft - Part No. AEG 148
- 195. Exhaust Manifold - 12A271



Exit port 1.625"/4.127cm.





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

British Motor
Manufacturer Corporation

Model M/A Mini Cooper S 1000

F.I.A. Recognition No. ~~1575~~ / 1/1E

Amendment No. 1

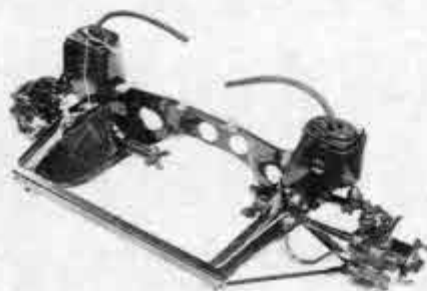
Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Introduction of Hydrolastic Suspension



- 71. Hydrolastic displacer
- 74. Incorporated in displacer
- 79. Hydrolastic displacer
- 82. Incorporated in displacer

Date amendment is valid from 16th Nov. 1964





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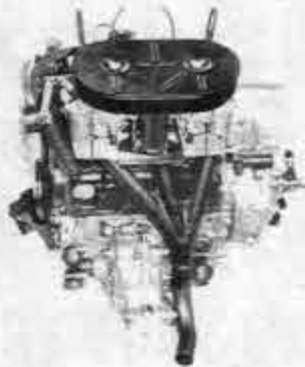
Corporation.
 Manufacturer British Motor
 Model M/A Mini Cooper S 1000
 F.I.A. Recognition No. ~~1234~~
 Amendment No. 2

1515/2/2E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
	153. Oil cooler - ARO 9809 Capacity- 0.53 pts. / 0.28 litres. <u>Closed Circuit Breathing System</u> Introduced intermittently to suit North American market requirements.



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

Date amendment is valid from 16th. Nov. 1964.



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

British Motor
 Corporation
 Manufacturer
 Model M/A Mini Cooper S 1000
 F.I.A. Recognition No. ~~1515~~
 Amendment No. 3

1515/3/3E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
	<u>Carburettor</u> - details omitted from original Form of Recognition
212.	S.U.
213.	HS2 or H4
215.	31.75mm or 38.15mm (1.25 inches or 1.50 inches)
	<u>Capacities and dimensions</u> - explanation
7.	25 or 50 litres with supplementary 25 litre tank fitted.

Hubert Schmitt
 F.I.A. / R.A.C. STAMP

Date amendment is valid from 16th Nov. 1964

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



MOTOR SPORT DIVISION
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British Motor Corporation
Manufacturer
Model M/A Mini Cooper S 1000
F.I.A. Recognition No. ~~1295~~
Amendment No. 4

1515/4/1V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

Add to optional equipment : Group 2

292. High Traction Differential - Part No. C/ AJJ 3303.

160. Steel flywheel - Part No. AEG 421 - 5.03 Kgs.

Date amendment is valid from 1st April 1965

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



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Corporation.
Manufacturer British Motor
Model Mini Cooper S 1000
F.I.A. Recognition No. ~~1515/5/2V~~
Amendment No. 5

1515/5/2V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Optional Extra - Group 2

156. Fan - Part No. 2A998 Diameter - 10.5 inches / 26.67 cm.

157. No. of blades - 6

Date amendment is valid from 1st. June 1965.

FEDERATION INTERNATIONALE DE L'AUTOMOBILE
Stamp of F.I.A./R.A.C.
Richard Johnson



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

Manufacturer E.M.C.
Model Mini Cooper 'S' 1000
F.I.A. Recognition No. ~~1515/6/3~~
Amendment No. 1515/6/3 V

1515/6/3 V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

OPTIONAL EQUIPMENT

Sump guard C-AJJ.3320
21A.1675
22A.437

Date amendment is valid from 1st May, 1966

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



MOTOR SPORT DIVISION
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Manufacturer BMC
 Model Mini Cooper S 1000
 F.I.A. Recognition No. ~~1515~~
 Amendment No. 7

1515/7/4V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Variant - Group 2

Wing Extension Kit - C-AJJ3316

1.



Rear

Front

Wing Extension Kit - C-AJJ3353



Rear

Front

Date amendment is valid from

1st March 1968
List 1968/4

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

Hubert/Chant



MOTOR SPORT DIVISION
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Manufacturer BMC
Model Mini Cooper S 1000
F.I.A. Recognition No. ~~1289~~
Amendment No. 8

1575/8/5V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

Variant - Group 2

- 50. Wheel - Magnesium Alloy
Part No. 21A1968
- 51. 2.31 kg/5.094 lbs
- 52. 4 studs and nuts
- 53. 254.0 mm/10.0 inches
- 54. 114.3 mm/4.5 inches
- 2. 49.25 inches/1247.8 mm
- 3. 47.31 inches/1201.4 mm
- 50. Wheel Magnesium Alloy
Part No. 21A2132
- 51. 2.84 kg/6.25 lbs
- 52. 4 studs and nuts
- 53. 254.0 mm/10.0 inches
- 54. 139.7 mm/5.5 inches
- 2. 49.625 inches/1259.4 mm
- 3. 49.125 inches/1247.8 mm



Date amendment is valid from

1st March 1968
list 1968/4





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

British Motor
Manufacturer Corporation
Model Mini Cooper S 1000
F.I.A. Recognition No. 1515
Amendment No. g/6V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Variant -Group 2

1. Supplementary front shockabsorber kit - Part No. C-AJJ3362



2. Front suspension - adjustable tie-rod - Part No. 21A1092



Date amendment is valid from

1st May 1968
List 1968/6



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

Hubert / ch...





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British Motor
Manufacturer Corporation
Model Mini Cooper S 1000
F.I.A. Recognition No. 1515
Amendment No. 10/7V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
	<u>Variant - Group 2</u>
3.	Rear suspension - heavy duty bump rubber kit - Part No. C-AJJ3313
	
4.	Crankshaft locking plate - Part No. C-AHT146
5.	<p><u>Reference Amendment No. 8 - 1st March 1968</u></p> <p>Track dimensions with Magnesium alloy wheel Part No. 21A2132 should be:-</p> <p style="margin-left: 40px;">2. Front - 1285.24mm / 50.62 inches.</p> <p style="margin-left: 40px;">3. Rear - 1240.30mm / 48.85 inches.</p>
6.	Steering column rake adjusting bracket - Part No. AHT 164
7.	Heavy duty gearbox mounting kit - Part No. C-AJJ3366
	

Date amendment is valid from 1st May 1968
List 1968/6

Stamp of F.I.A./R.A.C.
Hubert [Signature]



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

Manufacturer BMC
 Model Mini Cooper S 1000
 F.I.A. Recognition No. 1515 | 11 | 8V
 Amendment No. _____

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Variant - Group 2

- | | |
|----|---|
| 1. | 50. Road wheel - steel |
| | 51. 4.77 kg/10.5 lbs. |
| | 52. 4 studs and nuts |
| | 53. 304.8 mm/12.0 inches |
| | 54. 114.4 mm/4.5 inches |
| | 2. Front track - 1268.5 mm/49.94 inches |
| | 3. Rear track - 1225.0 mm/48.19 inches |



Date amendment is valid from 1/4/1969

Liste 69/2

