F.I.A. Recognition	No. 5162
Group 1	



18M/67

ROYAL AUTOMOBILE CLUB

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

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

	Cylinder-capacity 1790 cm.3 109.0 in.3
Manufacturer MORRIS MOTORS LIMITED	Model MORRIS 1800
Serial No. of chassis/body MHS7	Manufacturer BRITISH MOTOR CORPORATION
Serial No. of engine 18 AMW Recognition is valid from 15t July 1967	Manufacturer BRITISH MOTOR CORPORATION
Recognition is valid from 1st July 1967	List 16/4
The manufacturing of the model described in this recog	nition form started on 20th November 1965
and the minimum production of 5000 i	dentical cars, in accordance with the specifications of
this form was reached on 23rd April 19 66	

Photograph A, 3 view of car from front



F.I.A. Stamp

Autua Johnson

R.A.C. Stamp



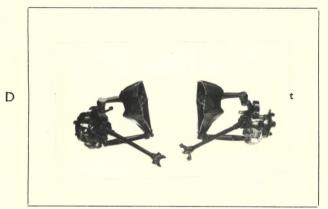


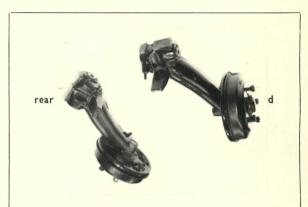


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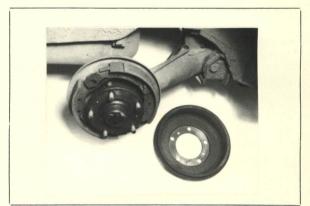
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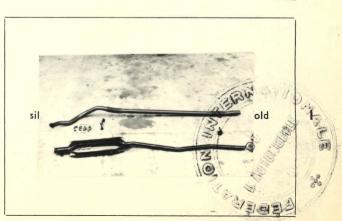


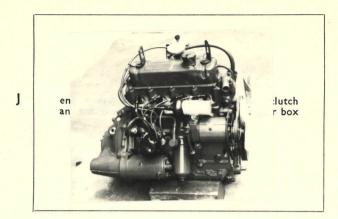


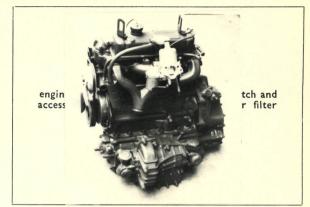






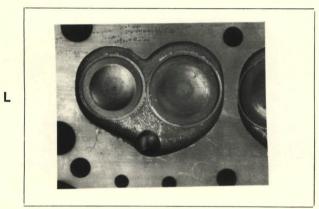




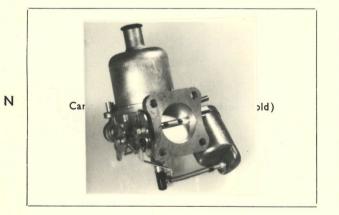


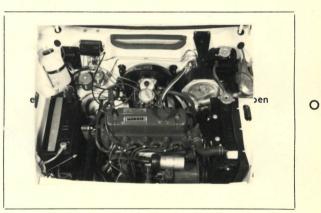
K

M















Model 1800

F.I.A. Rec. No. 5/62

NOTE 1.

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

CAPACITIES AND DIMENSIONS

1. Wheelbase

2695.6 mm.

106.12 inches

2. Front track (+ 6.35mm/0.25")

3. Rear track (* 6.35mm/0.25")

1438.0

mm.

56.6

inches

1425.0

mm. 56.1

inches



4. Overall length of the car

417.0 cm.

164.18 inches

5. Overall width of the car

169.8 cm.

cm.

66.87 inches

6. Overall height of the car

142.2

56.0

inches

7. Capacity of fuel tank (reserve included)

47.5

Itrs.

gall. U.S.

10.5

gall. Imp.

8. Seating Capacity. 4/5

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

1140.0 kg.

2507.0

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
	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
- 23. Material(s) of coachwork Steel
- 24. Number of doors 4 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 Safety glass
- 31. Sliding system of door windows Vertical winding
- 32. Material(s) of rear-quarter light Safety glass

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes—no 39. Air conditioning : yes—no Bucket/
- 40. Ventilation : yes -no 41. Front seats, type of seat and upholstery Leathercloth
- 42. Weight of front seat(s), complete with supports and rails, out of the car:
- 12.2 kg. 26.875 lbs.
- 43. Rear seats, type of seat and upholstery Bench Leathercloth
- 44. Front bumper, material(s) Steel Weight 7.27 kg. 16.0 lbs.
- 45. Rear bumper, material(s) Steel Weight 8.18 kg. 18.0 lbs.

WHEELS

- 50. Type Disc
- 51. Weight (per wheel, without tyre) 6.8 kg. 15.0 lbs.
- 52. Method of attachment 5 studs & nuts
- 53. Rim diameter 330.0 mm. 13.0 ins. 54. Rim width 114.3 mm. 4.5 ins.

STEERING

- 60. Type Rack & pinion
- 61. Servo-assistance : yes no
- 62. Number of turns of steering wheel from lock to lock 4.4 or 3.8 (later model
- 63. In case of servo-assistance

inches

inches

mm Rivalinches

mm.

mm.

70. Front suspension (photograph D), type Independent

71. Type of spring Hydrolastic displacer unit

72. Stabiliser (if fitted) -

73. Number of shock absorbers 2 74. Type Incorporated in displacer unit

78. Rear suspension (photograph E), type Independent

79. Type of spring. Hydrolastic displacer unit

80. Stabiliser (if fitted) No

81. Number of shock absorbers 2 82. Type Incorporated in displacer unit

BRAKES (photographs F and G)

90. Method of operation Hydraulic

91. Servo-assistance (if fitted), type Vacuum

92. Number of hydraulic master cylinders 1

93. Number of cylinders per wheel 2 FRONT 1 REAR

94. Bore of wheel cylinder(s) 53.97 mm. 2.125 inches 17.8 mm. 0.7 inche

Drum Brakes

95. Inside diameter mm. inches 228.6 mm. 9.0 inches

96. Length of brake linings mm. inches 220.6 mm. 8.68 inches

97. Width of brake linings mm. inches 44.4 mm. 1.75 inches

98. Number of shoes per brake

99. Total area per brake mm.² sq. in. 19550, mm.² 30, 3 sq. in.

Disc Brakes

100. Outside diameter 235.7 mm. 9.28 inches

101. Thickness of disc 12.7 mm. 0.5 inches

102. Length of brake linings 64.7 mm. 2.54 inches

103. Width of brake linings 52.38 mm. 2.06 inches

104. Number of pads per brake 2

105. Total area per brake 6774.6 mm.2 10.5 sq. in.

7

	ENGINE	(photographs	J and	K)
130.	Cycle	4 stroke		
132	Cylinder	Arrangement	Tı	n 1

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 cm.3 27.45 cu. in.

136. Total cylinder capacity 1798. cm.³ 109.8 cu. in.

137. Material(s) of cylinder block Cast iron 138. Material(s) of sleeves (if fitted) Cast iron

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 8.2:1

143. Volume of one combustion chamber 42.5 cm.3 2.59 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 42.11 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 7.25 Itrs. 12.75 pts. quarts U.S.

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 6

Bearings

158. Crankshaft main, type Copper lead dia. 54.06 m.m. 2.127 in.

159. Connecting rod big end, type Copper lead dia. 47.66 m.m. 1.876 in.

8

Weights 160. Flywheel (clean)

160. Flywheel (clean)
9.78 kg
161. Flywheel with clutch (all turning parts)
14.94 kg

162. Crankshaft 14.97 kg. 32.93 lbs. 163. Connecting rod 0.96 kg.

164. Piston with rings and pin 0.56 kg.

212. Make S.U. 213. Model HS6

214. Number of mixture passages per carburettor 1

215. Flange hole diameter of exit port(s) of carburettor 44.5 mm. 1.75 ins.

216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU)

34.11 mm. 1.343

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.

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

Make MORRIS

Model 1800

F.I.A. Rec. No. 5/62

ENGINE ACCESSORIES

- 230. Fuel pump: mechanical and/or electrical
- 231. No. fitted 1
- 232. Type of ignition system HT coil
- 233. No. of distributors 1

234. No. of ignition coils 1

- 235. No. of spark plugs per cylinder
- 1

- 236. Generator, type: dynamo/elternator—number fitted 4
- 237. Method of drive Wedge belt
- 238. Voltage of generator 12

volts

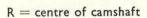
- 239. Battery, number 1
- 240. Location Engine compartment
- 241. Voltage of battery 12 volts

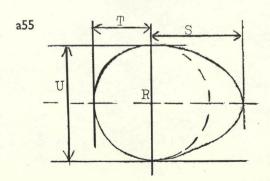
ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- 250. Max. engine output 84 (type of horsepower: BHP) at 5300 r.p.m.

 251. Max. r.p.m. output at that figure

 252. Max. torque 99 lb. ft 2100 r.p.m.
- 253. Max. speed of the car 147.0 km./hour 92.0 miles/hour





Inlet cam

_				
S =	20.57	mm.	0.810	inches
T =	14.58	mm.	0.574	inches
U =	29 16	mm.	1.148	inches

Exhaust cam

			11.50	A CONTRACTOR
S =	20.57	mm.	0.80	inches
T =	14.58	mm.	0.5%	Inches
U =	29.16	mm.	1.148	inches
10				BUDS

DRIVE TRAIN

CLUTCH

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

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

263. Dia. of linings, inside 14.62 cm. 5.75 ins.

outside 20.32 cm. 8.00 ins.

264. Method of operating clutch Hydraulic

GEAR BOX (photograph H)

270. Manual type, make BMC Method of operation Manual

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

273. Location of gear-shift Central on floor

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			
2//.	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth
1	3.292	39 x 33			3.292	39 x 33 17 x 23 33 33		
2	2.217	22 × 23			2.05	23 × 23		
4	1.384	$\frac{27}{28} \times \frac{33}{23}$			1.384	$\frac{27}{28} \times \frac{33}{23}$	į	
5	1.00				1.00			
6		30 13 38			7.075	30 13 38		
reverse	3.075	13 14 23			3.075	15 14 25		

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

292. Type of limited slip differential (if fitted)

293. Final drive ratio 3.88:1 Number of teeth 66/17

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 1/7/6 1967 rec.	no. 5/62 List	on	19 rec. no	List
on19 rec.				
on19rec.	noList	on	19rec. no	List
on19rec.	noList	on	19rec. no	List
on19rec.	noList	on	19rec. no	List

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

7. Fuel tank - 16 gallons/72.6 litres Part No. ARB 104

WHEELS

1.

2.

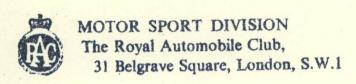
- 50. Steel Part No.C-11H1865
- 51. 13.941bs/6.33 kgs
- Five studs 52.
- Rim diameter 330.2mm/13.0 inches 53.
- Rim width 139.7 mm/5.5 inches 54.
- Magnesium Electron "C" Part No. C-11H1866 50.
- 51. 9.75 lbs/4.43 kgs
- 52 Five studs
- 53. Rim diameter 330.2mm/13.0 inches
- Rim width 139.7mm/5.5 inches

NOTE: TRACK INCREASE OF 0.625"/15.8mm

WITH ABOVE WHEELS FITTED







Manufacturer MORRIS MOTORS LTD.

Model 1800

F.I.A. Recognition No. 5/62

Amendment No. 1

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

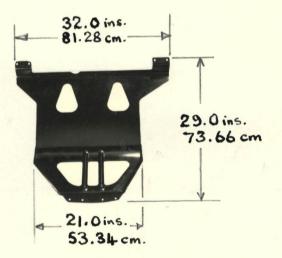
No.

4.

Reference No.

OPTIONAL EQUIPMENT - Groupe 2

Sump guard - Part No. AYH0230

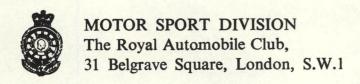


5. Final drive ratio - 4.188:1
No. of teeth - 67/16



Date amendment is valid from

///6/.



Manufacturer

Morris 1800

F.I.A. Recognition No. 5162/1/1 V

Amendment No. 2

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Variant - Group 2

1. Tie-rod - Front suspension Part No. C-11H1897



2. Bump rubber kit - Heavy duty - Front Part No. C-AJJ3354



3. Bump rubber kit - Supplementary - Rear Part No. C-AJJ3355

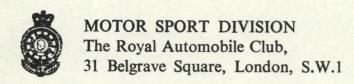


Stamp of F.I.A./R.A.C.

Date amendment is valid from 181 March 1968.

hist 1968/4

Subat Chrond



BMC Manufacturer Morris 1800 Model 5162 F.I.A. Recognition No. 3/1E Amendment No.

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No.

Evolution - Group 1

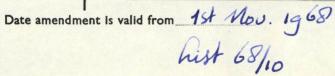
18H

Morris 1800 Mk 2

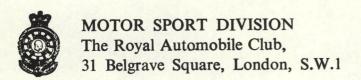
Chassis Serial No: MHS8 Engine Serial No:











Manufacturer BMC

Model Morris 1800

F.I.A. Recognition No. 5162/2/2/

Amendment No. 3.

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

4.

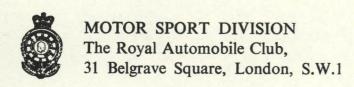
Reference No.

Variant - Group 2

Engine Tie-rod - Upper Part No. 11H1430



Date amendment is valid from 1st March 1968 hist 1968/4



Manufacturer

Model Morris 1800

F.I.A. Recognition No. 5162

Amendment No. 4/2 E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

Evolution - Group 1

Morris 1800 Mk. 2

- 9. Weight: 1160 kgs./2557.0 lbs.
- 50. Wheel ventilated disc
- 51. Weight: 7.73 kgs./17.18 lbs.
- 52. Method of attachment 5 studs and nuts
- 53. Rim diameter: 355.6 mm/14.0 inches
- 54. Rim width: 114.3 mm/4.5 inches
- 60. Steering type rack and pinion
- 61. Servo assistance Optional
- 62. No. turns lock to lock 3.8.
- 63. In case of servo-assistance 3.5.

Engine



M.

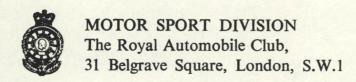


P/Q



Date amendment is valid from 1st Nov. 1968

hist 1968/10



BMC Manufacturer Morris 1800 Model F.I.A. Recognition No. Amendment No.

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Evolution - Group 1

Morris 1800 Mk 2

142. Compression ratio - 9.0:1

143. Volume of one combustion chamber - 2.32/2.38 cub. inches-38.0/39.0 cc

181. Diameter of Inlet valve - 1.63 inches/41.40 mm.
182. Max. valve lift - 0.360 inches/9.14 mm.
187. Inlet valve opens - 5° B.T.D.C.

188. Inlet valve closes - 45° A.B.D.C.

197. Max. valve lift - 0.360 inches/9.14 mm

202. Exhaust valve opens - 40° B.B.D.C.

203. Exhaust valve closes - 10° A.T.D.C.

230. Fuel pump - S.U. mechanical

231. No. fitted - 1

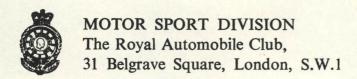
250. Max engine output - 86.5 BHP @ 5400 RPM

252. Max. engine torque - 101 lbs/ft. @ 3000 RPM

253. Max. speed - 155 km/hour - 96.0 MPH

277. Second gear - Ratio 2.059 No. of teeth: 33 x 33 23

1st Nov. 1968 hist 1968/10 Date amendment is valid from



Manufacturer

Model Morris 1800

F.I.A. Recognition No. 5162

Amendment No. 6/3 U

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

Variant - Group 2

Drive shaft assembly - Part No. BTB 953 Inner shaft assembly - Part No. 22H 1221



Date amendment is valid from...

1st Nov. 1968 hist 1968/10 Jes ____