

F.I.A. Recognition No. 530  
Group 3 - Grand Touring



## 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 1147 cm.<sup>3</sup> ..... 70 in.<sup>3</sup>

Manufacturer STANDARD-TRIUMPH MOTOR CO., LTD Model Spitfire Mk.II  
Serial No. of chassis/body FC50001 onwards Manufacturer Standard-Triumph Motor Co., Ltd.  
Serial No. of engine FC50001 HE onwards Manufacturer Standard-Triumph Motor Co., Ltd.  
Recognition is valid from 1st February 1966 List 14/2  
The manufacturing of the model described in this recognition form started on January 1965  
and the minimum production of 500 identical cars, in accordance with the specifications of  
this form was reached on March 1965.

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



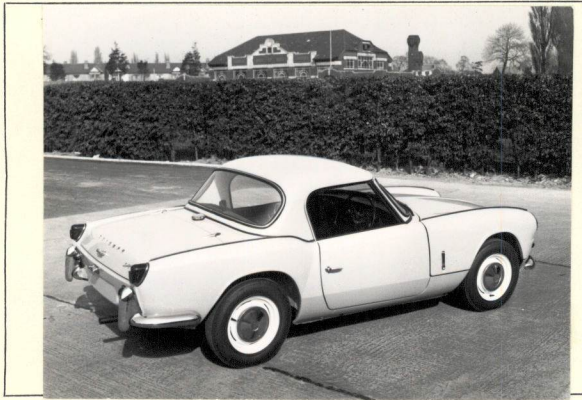
F.I.A. Stamp

*Hubert Schmitt*

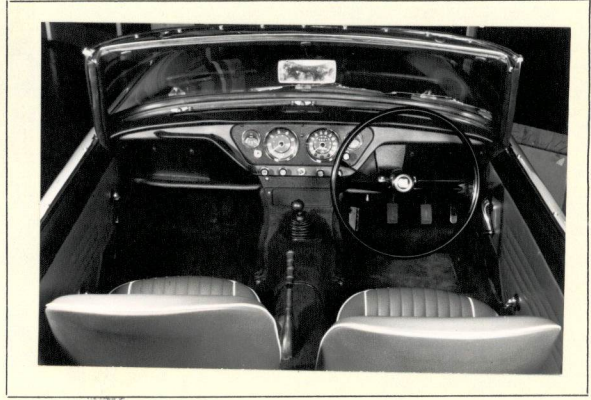
R.A.C. Stamp



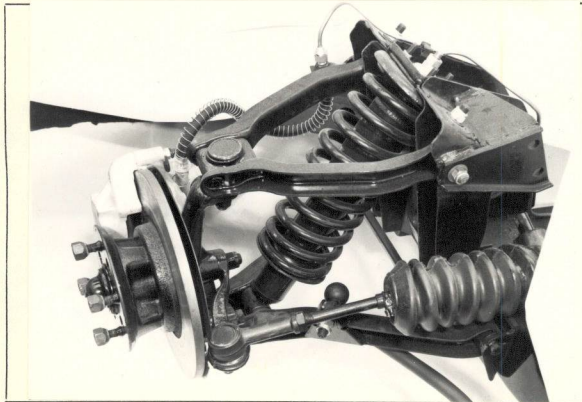
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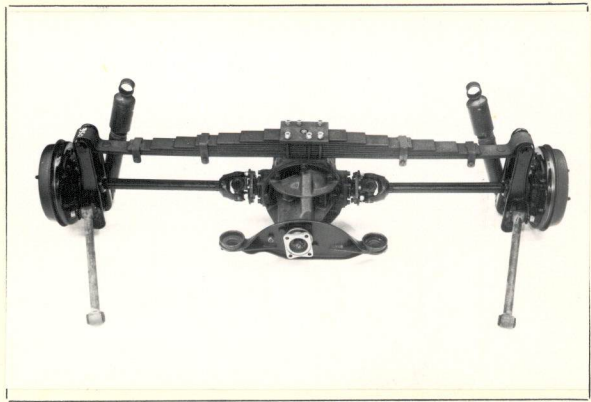
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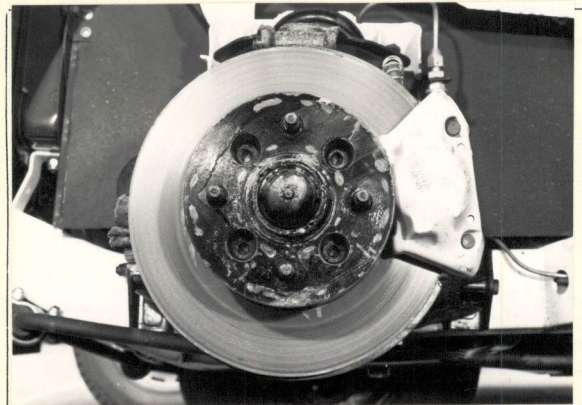
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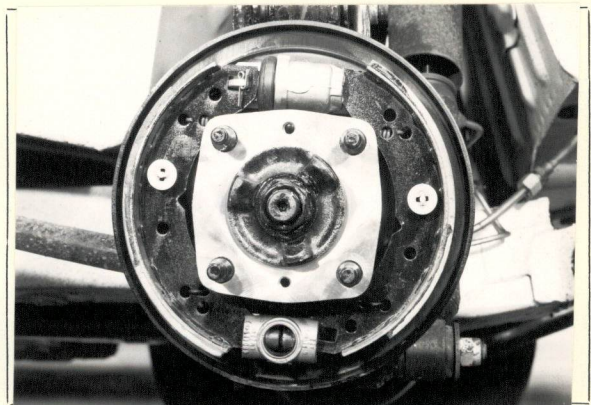
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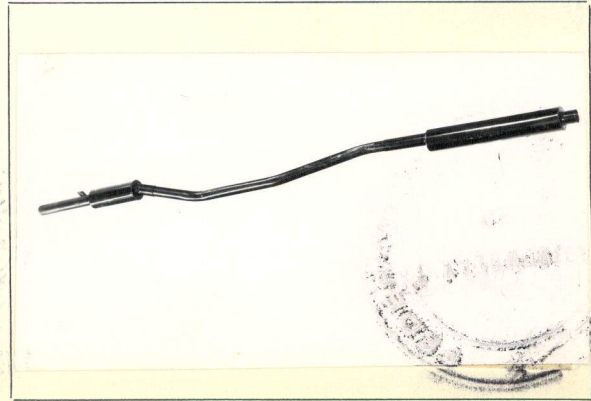
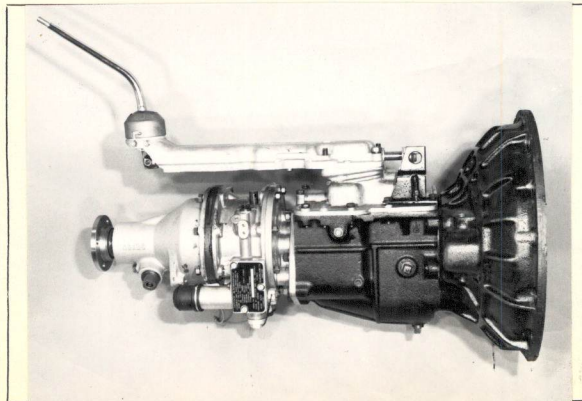
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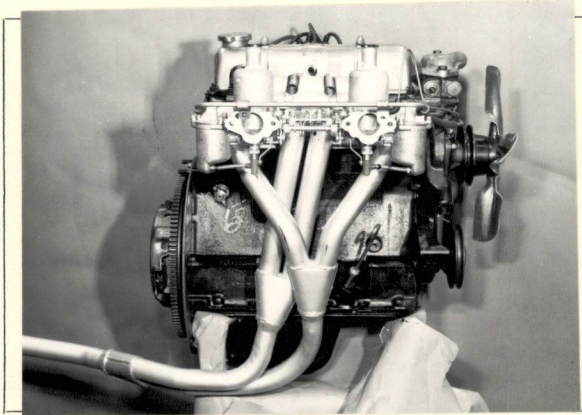
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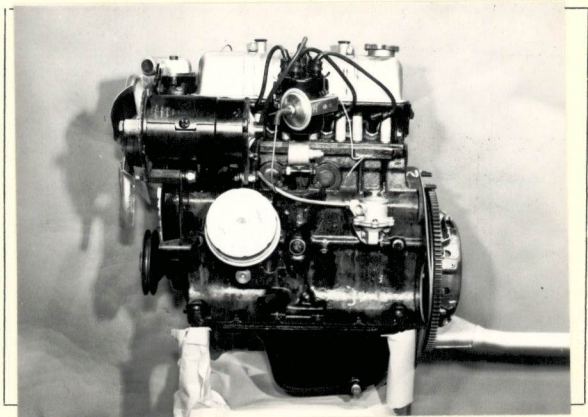
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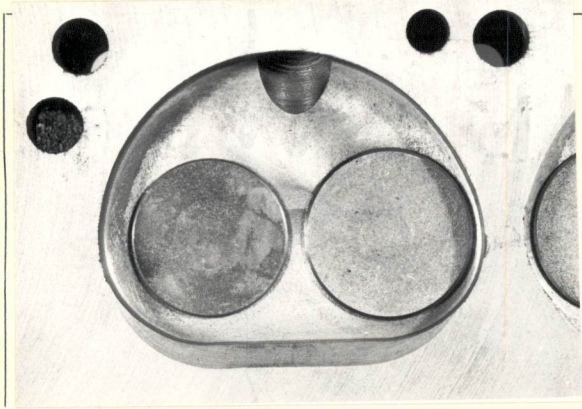
J



K



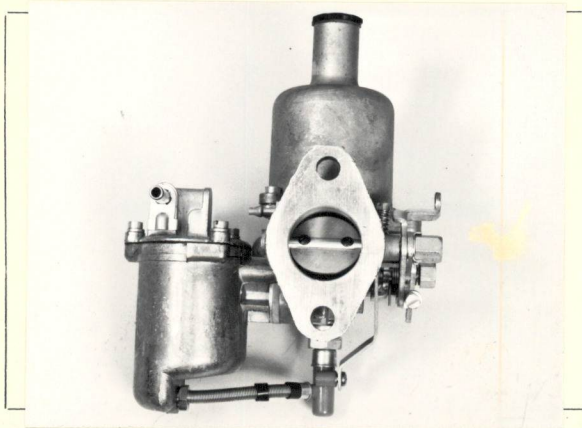
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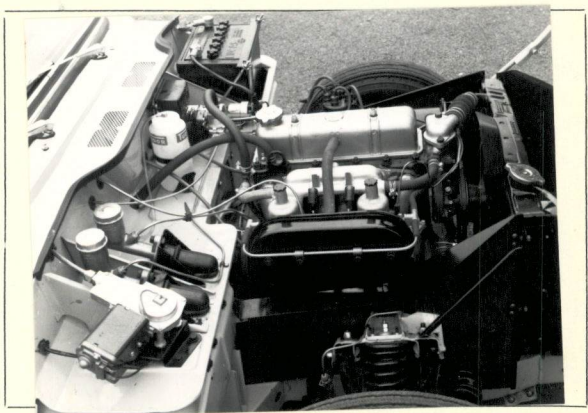
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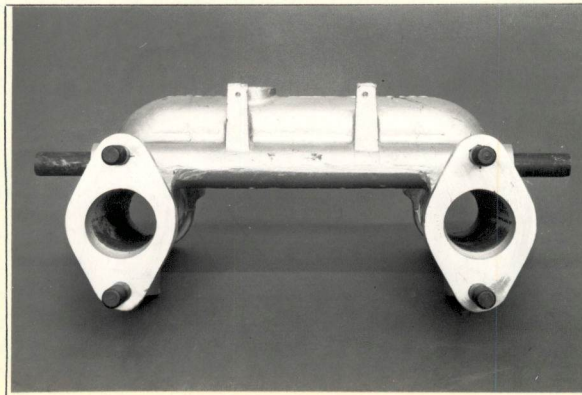
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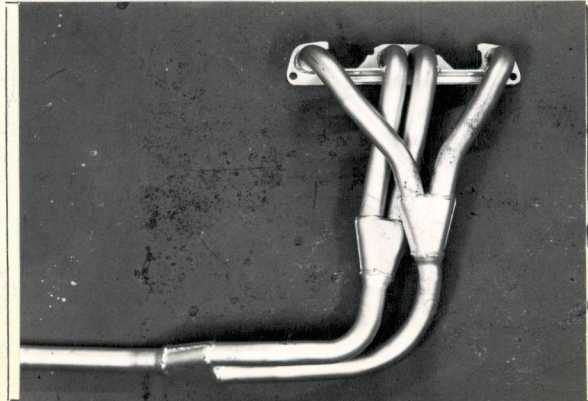
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P

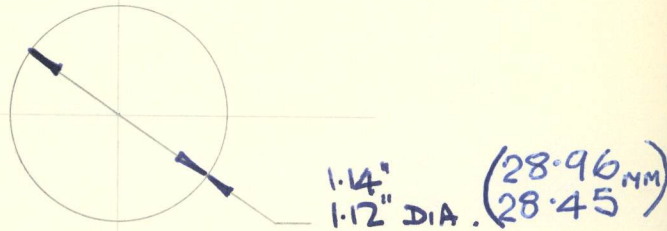


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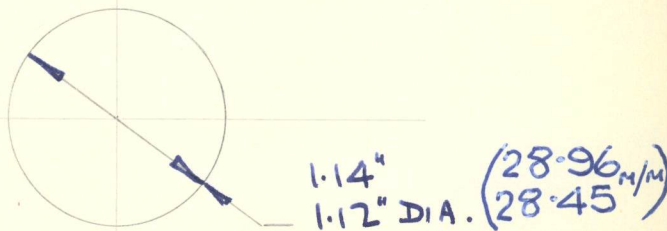
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

**LOCATING SLEEVE DIMENSIONS**

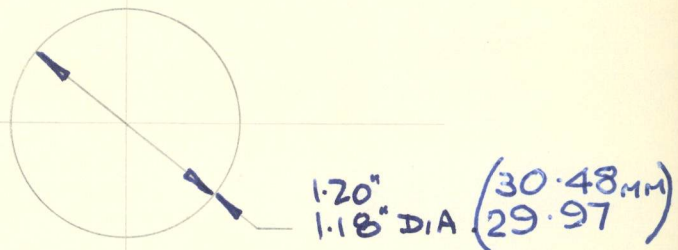


Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

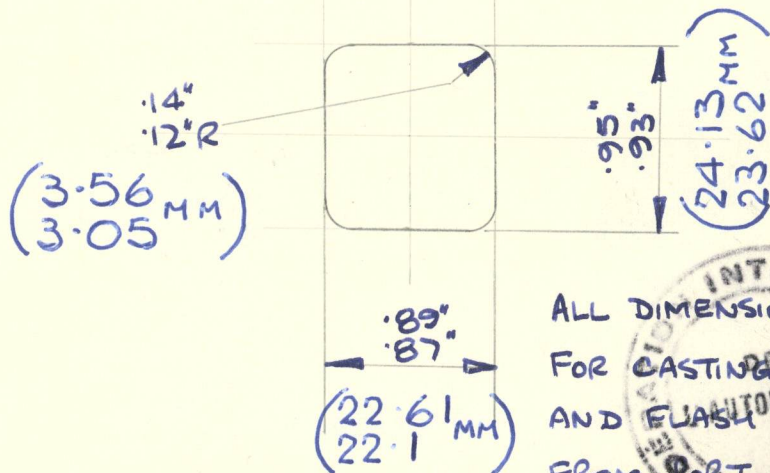
**LOCATING SLEEVE DIMENSIONS**



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 ARE FOR CASTING. BURRS AND FLASH REMOVED FROM PORT.

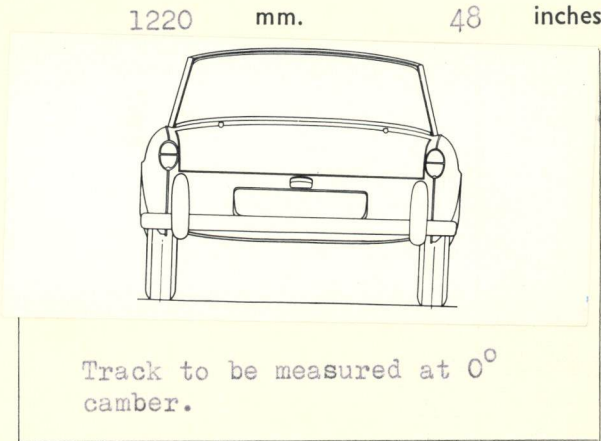
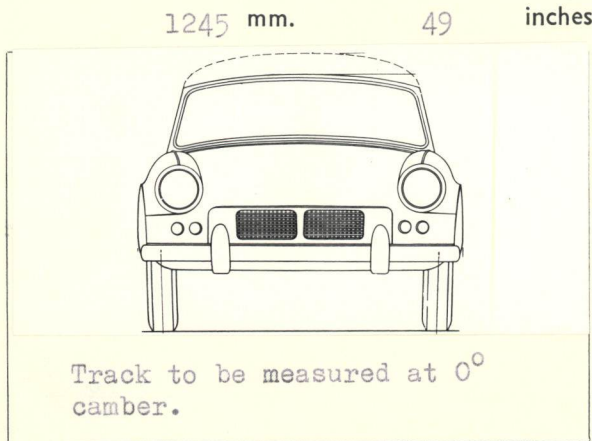


**NOTE 1.**

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

**CAPACITIES AND DIMENSIONS**

- |                |          |           |
|----------------|----------|-----------|
| 1. Wheelbase   | 2110 mm. | 83 inches |
| 2. Front track |          |           |
|                | 1245 mm. | 49 inches |
| 3. Rear track  | 1220 mm. | 48 inches |



- |   |            |                              |
|---|------------|------------------------------|
| 4. Overall length of the car                | 368.5 cm.  | 145 inches                   |
| 5. Overall width of the car                 | 145 cm.    | 57 inches                    |
| 6. Overall height of the car (hood up)      | 1205 cm.   | 47½ inches                   |
| 7. Capacity of fuel tank (reserve included) |            |                              |
|   | 37.6 ltrs. | 9.9 gall. U.S. 8¼ gall. Imp. |

8. Seating Capacity. Two

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

Hard top	746.2 kg.	1645 lbs.	cwts.
Soft top	701.7	1547	

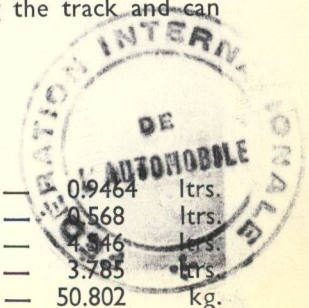
**NOTE 2.**

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. <sup>2</sup>	1 gallon Imp.	— 4.546	ltrs.
1 cubic inch/pouce cube	— 16.387	cm. <sup>3</sup>	1 gallon US	— 3.785	ltrs.
1 pound/livre (lb)	— 453.593	gr.	1 hundred weight (cwt.)	— 50.802	kg.



**CHASSIS AND COACHWORK (Photographs A, B and C)**

- 20. Chassis/body construction: separate/~~unitary construction~~
- 21. Unitary construction, material(s)
- 22. Separate construction, Material(s) of chassis Steel (centre backbone)
- 23. Material(s) of coachwork Steel (pressed)
- 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 Glass
- 28. Material(s) of windscreen Laminated or zoned glass
- 29. Material(s) of front-door windows Glass
- 30. Material(s) of rear-door windows
- 31. Sliding system of door windows Remote winders
- 32. Material(s) of rear-quarter light 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 PVC...Leather cloth
- 42. Weight of front seat(s), complete with supports and rails, out of the car :
 

Each seat	8.15	kg.	18	lbs.
-----------	------	-----	----	------
- 43. Rear seats, type of seat and upholstery
- 44. Front bumper, material(s) Steel Weight 3.7 kg. 8 lbs.
- 45. Rear bumper, material(s) Steel Weight 3.4 kg. 7.5 lbs.

**WHEELS**

- 50. Type Disc
- 51. Weight (per wheel, without tyre) 5.2 kg. 11.5 lbs.
- 52. Method of attachment Four stud
- 53. Rim diameter 330.2 mm. 13 ins.
- 54. Rim width 88.9 mm.

**STEERING**

- 60. Type Rack and pinion
- 61. Servo-assistance : ~~yes~~ — ~~no~~ NO
- 62. Number of turns of steering wheel from lock to lock 3 $\frac{3}{4}$
- 63. In case of servo-assistance



**SUSPENSION**

- 70. Front suspension (photograph D), type Double wishbone
- 71. Type of spring Coil
- 72. Stabiliser (if fitted) Anti-roll bar
- 73. Number of shock absorbers Two      74. Type Hydraulic telescopic
- 78. Rear suspension (photograph E), type Swing axle
- 79. Type of spring Single Transverse multi leaf
- 80. Stabiliser (if fitted) None
- 81. Number of shock absorbers Two      82. Type Hydraulic telescopic

**BRAKES** (photographs F and G)

- 90. Method of operation Hydraulic
- 91. Servo-assistance (if fitted), type None
- 92. Number of hydraulic master cylinders One

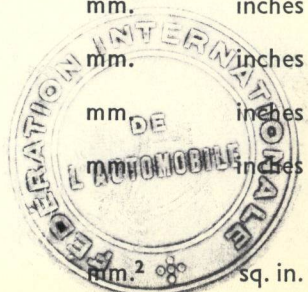
	<b>FRONT</b>		<b>REAR</b>	
93. Number of cylinders per wheel	<u>Two</u>		<u>One</u>	
94. Bore of wheel cylinder(s)	mm.	inches	19.05 mm.	$\frac{3}{4}$ inches
95. Inside diameter	mm.	inches	177.8 mm.	7 inches
96. Length of brake linings	mm.	inches	154.94 mm.	6.1 inches
97. Width of brake linings	mm.	inches	31.75 mm.	$1\frac{1}{4}$ inches
98. Number of shoes per brake	<u>2</u>			
99. Total area per brake	mm. <sup>2</sup>	sq. in.	21936.8 mm. <sup>2</sup>	34 sq. in.

**Drum Brakes**

- 95. Inside diameter
- 96. Length of brake linings
- 97. Width of brake linings
- 98. Number of shoes per brake
- 99. Total area per brake

**Disc Brakes**

100. Outside diameter	228.6	mm.	9	inches	mm.	inches
101. Thickness of disc	9.525	mm.	$\frac{3}{8}$	inches	mm.	inches
102. Length of brake linings	58.7	mm.	2 $\frac{5}{16}$	inches	mm.	inches
103. Width of brake linings	38.1	mm.	$1\frac{1}{2}$	inches	mm.	inches
104. Number of pads per brake	<u>2</u>					
105. Total area per brake	7742.4	mm. <sup>2</sup>	12	sq. in.	mm. <sup>2</sup>	sq. in.



**ENGINE** (photographs J and K)

- |   |                    |  |                                      |
|---|--------------------|--|--------------------------------------|
| 130. Cycle  | Four stroke        | 131. Number of cylinders                             | Four                                 |
| 132. Cylinder Arrangement   | In line            |  |                                      |
| 133. Bore   | 69.3 mm. 2.728 in. | 134. Stroke  | 76 mm. 2.992 in.                     |
| 135. Capacity per cylinder  |                    |  | 286.75 cm. <sup>3</sup> 17.5 cu. in. |
| 136. Total cylinder capacity  |                    |  | 1147 cm. <sup>3</sup> 70 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  | One                                  |
| 140. Number of inlet ports  | Two                | 141. Number of exhaust ports                         | Four                                 |
| 142. Compression ratio  | 9 : 1              |  |                                      |
| 143. Volume of one combustion chamber                                       |                    |  | 30.7 cm. <sup>3</sup> 1.875 cu. in.  |
| 144. Piston, material   | Aluminium alloy    | 145. Number of rings                                 | Three                                |
| 146. Distance from gudgeon pin centre line to highest point of piston crown |                    |  | 38.392 mm. 1.5115 in.                |
| 147. Crankshaft: <del>moulded</del> /stamped                                |                    | 148. Type of crankshaft: integral/ <del>XXXXXX</del> |                                      |
| 149. Number of crankshaft main bearings                                     | Three              |  |                                      |
| 150. Material of bearing cap  | Lead indium        |  |                                      |
| 151. System of lubrication: <del>dry sump</del> /oil in sump                |                    |  |                                      |
| 152. Capacity, lubricant  | 4.3 ltrs. 7½ pts.  |  | 4½ quarts U.S.                       |
| 153. Oil cooler: <del>yes</del> /no   |                    | 154. Method of engine cooling                        | Water (no loss system)               |
| 155. Capacity of cooling system   | 5.4 ltrs. 9½ pts.  |  | 5.7 quarts U.S.                      |
| 156. Cooling fan (if fitted) dia.   |                    |  | 31.75 cm. 12½ in.                    |
| 157. Number of blades of cooling fan  | Two                |  |                                      |

**Bearings**

- |                                   |       |      |        |      |   |     |
|-----------------------------------|-------|------|--------|------|---|-----|
| 158. Crankshaft main, type        | Shell | dia. | 50.8   | m.m. | 2 | in. |
| 159. Connecting rod big end, type | Shell | dia. | 41.275 | m.m. |   | in. |

**Weights**

- |   |          |    |      |                           |         |  |
|---|----------|----|------|---------------------------|---------|--|
| 160. Flywheel (clean)                         |          |    | 6.8  | kg.                       |         |  |
| 161. Flywheel with clutch (all turning parts) |          |    | 9.5  | kg.                       |         |  |
| 162. Crankshaft                               | 10.8 kg. | 24 | lbs. | 163. Connecting rod & cap | 0.5 kg. |  |
| 164. Piston with rings and pin                |          |    | 0.3  | kg.                       |         |  |











**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 6<sup>th</sup> July 1966 rec. no. 530 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.

Road wheel	Detail No. 307405	Steel Disc 13" x 4½" (338.2mm x 114.3 mm). Weight 12 lbs. (5.5 kgms) No track change.
Road wheel	Detail No. 212344	60 Spoke Wire 13" x 4½" (338.2mm x 114.3mm). Weight 14 lbs. (6.4 kgms) No track change.
Gearbox	Detail No. 511457	Non-overdrive.
Undershield Kit.	Detail No. 306142	
Soft top Hood	Detail No. 807124	





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

Manufacturer Standard Triumph Mtr. Comp

Model Spitfire Mark II

Amendment No. 1

F.I.A. Recognition No. 530

Amendment to Form of Recognition

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.                      Reference No.

OPTIONAL EQUIPMENT

- |    |      |                    |                   |                              |
|----|------|--------------------|-------------------|------------------------------|
| 1. | 236. | Alternator         | Detail No. 211962 | 45am. Replacing dynamo unit. |
| 2. | 292. | Limited slip diff. | Detail No. 212541 |                              |



Stamp of F.I.A./R.A.C. to be affixed here

Date amendment is valid from 18 July 66