

F.I.A. Recognition No. 5094

Group 1



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 1596 cm.³ 97.39 in.³

Manufacturer Standard Triumph Mtr. Co. Ltd., Model Vitesse 1600

Serial No. of chassis/body HB 15001 DL onwards Manufacturer Standard-Triumph Mtr. Co. Ltd.

Serial No. of engine HB 15001 HE onwards Manufacturer Standard-Triumph Mtr. Co. Ltd.

Recognition is valid from List

The manufacturing of the model described in this recognition form started on July 1965

and the minimum production of 5000 identical cars, in accordance with the specifications of
this form was reached on September, 30th 19 65

Photograph A, 3/4 view of car from front



F.I.A. Stamp

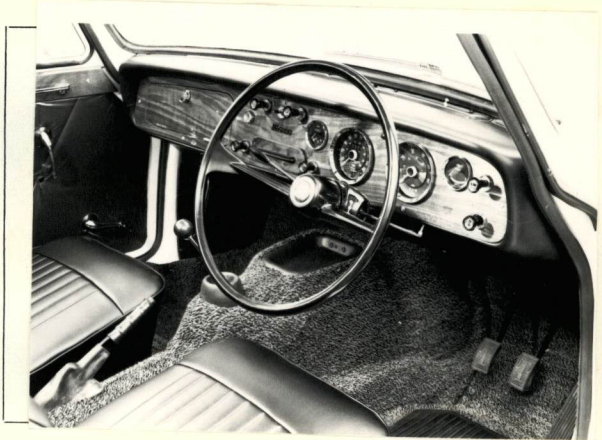


R.A.C. Stamp

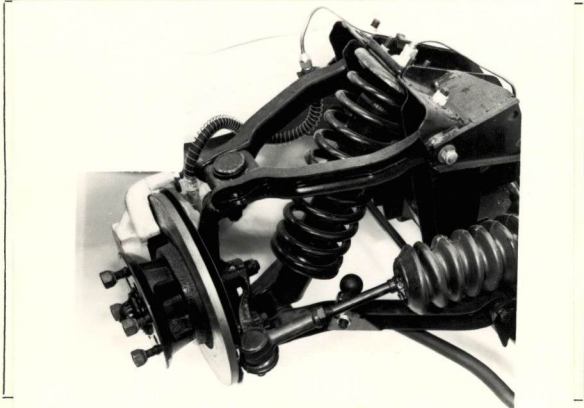
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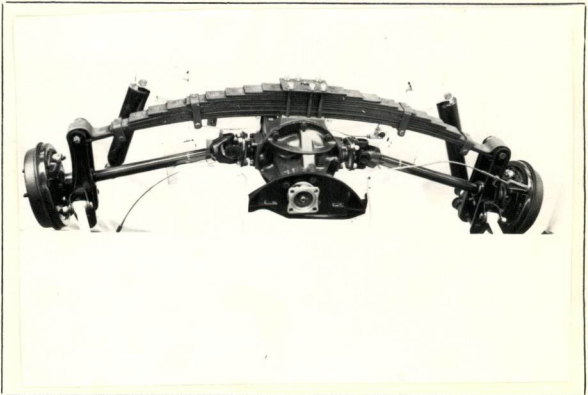
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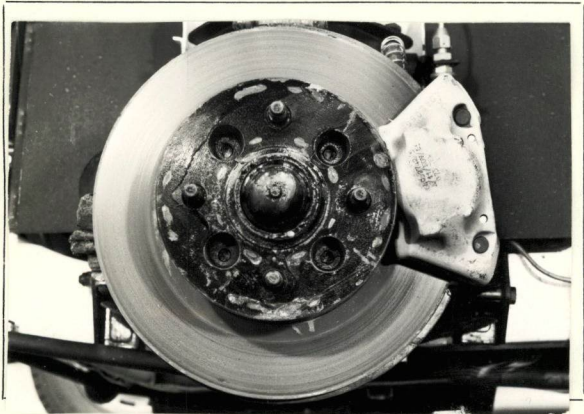
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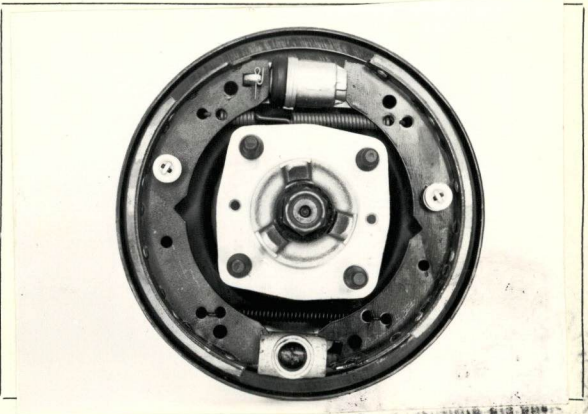
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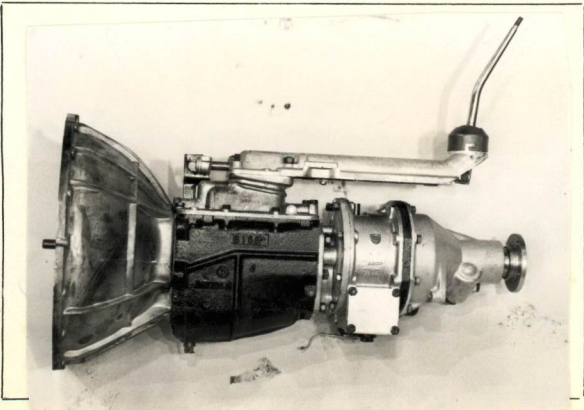
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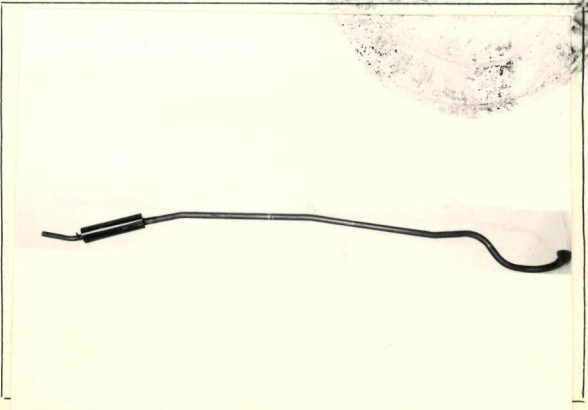
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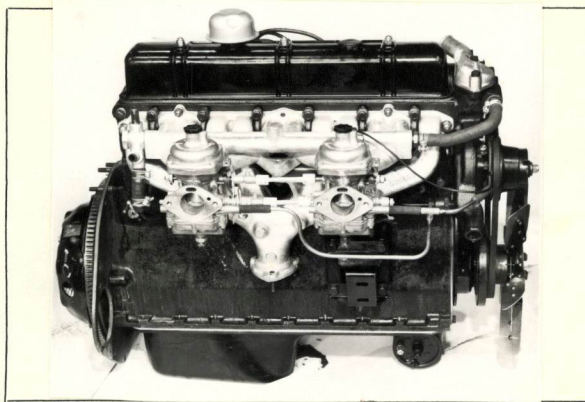
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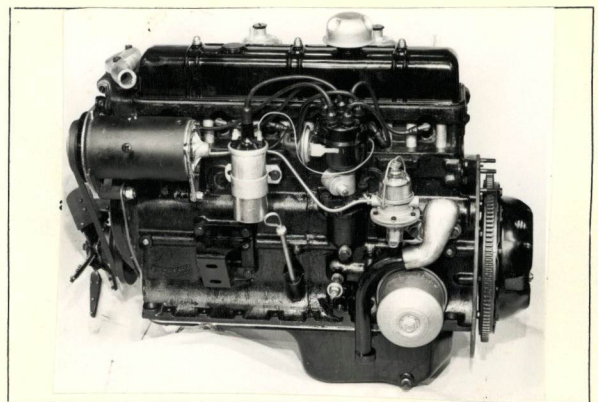
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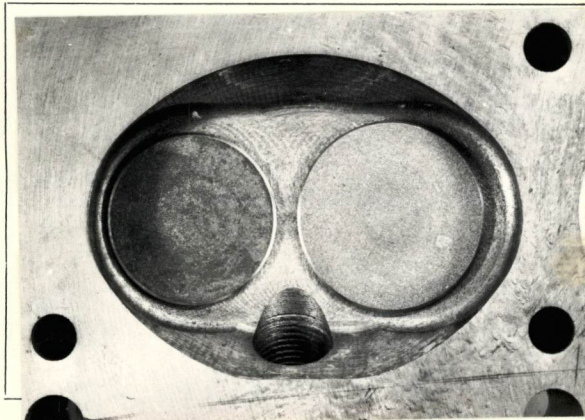
J



K



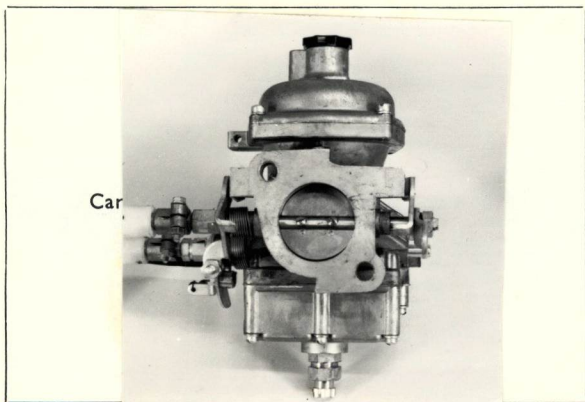
L



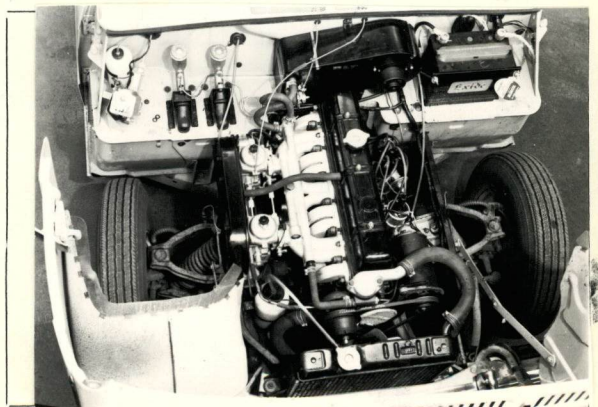
M



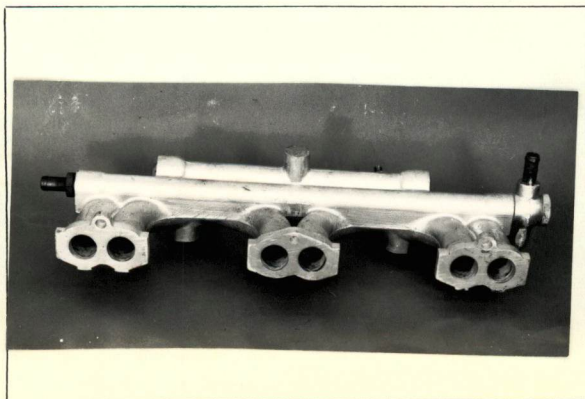
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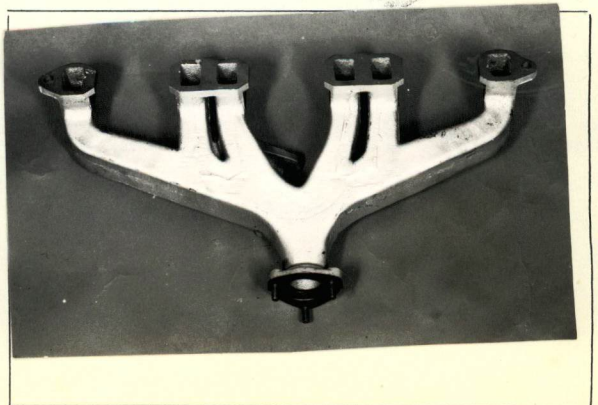
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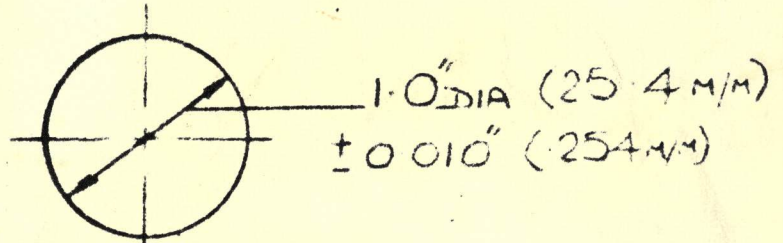
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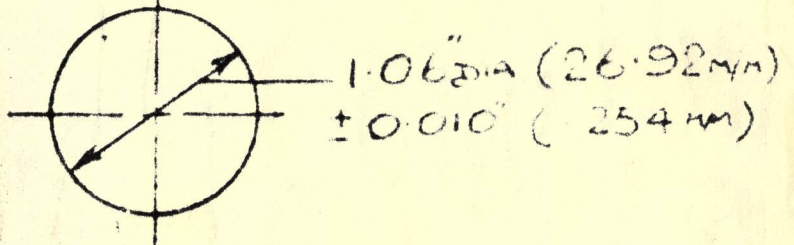
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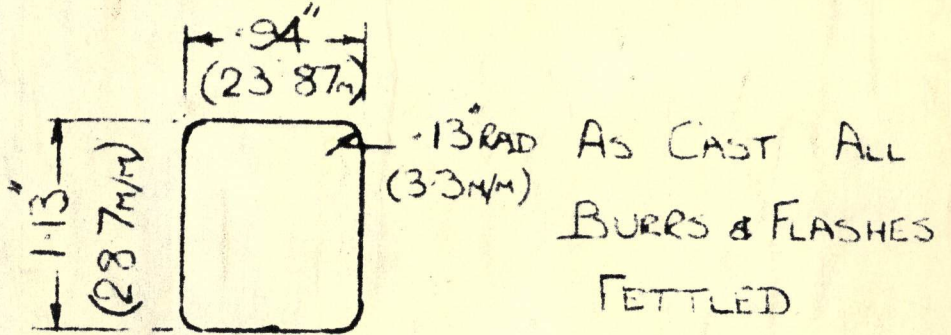
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



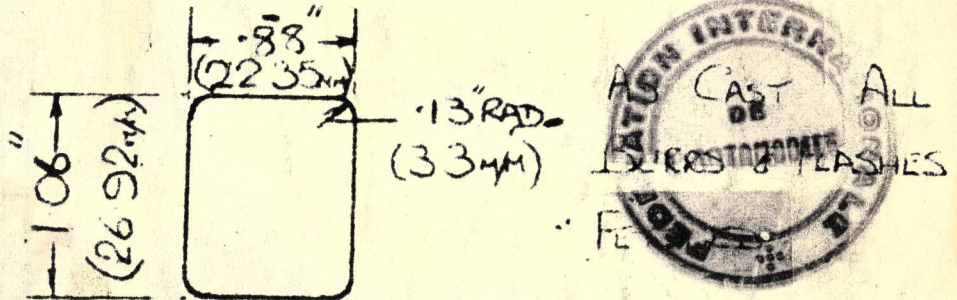
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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.



NOTE 1.

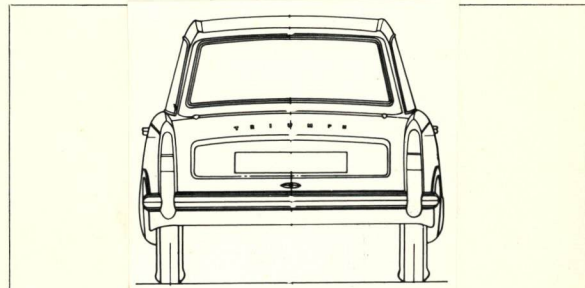
All dimensions must be given in two measuring systems, see Note 3.

CAPACITIES AND DIMENSIONS

- | | | | | |
|----------------|------|-----|------|--------|
| 1. Wheelbase | 2325 | mm. | 91.5 | inches |
| 2. Front track | 1245 | mm. | 49 | inches |
| 3. Rear track | 1220 | mm. | 48 | inches |



Track to be checked with wheels at 0° camber.

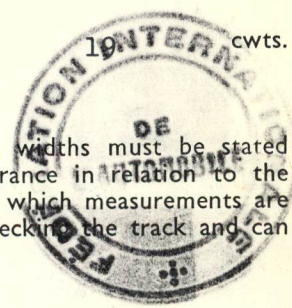


Track to be checked with wheels at 0° camber.

- | | | | | | | |
|--|-------|-------|------|------------|------|------------|
| 4. Overall length of the car | 388.5 | cm. | 153 | inches | | |
| 5. Overall width of the car | 152.5 | cm. | 60 | inches | | |
| 6. Overall height of the car | 133.5 | cm. | 52.5 | inches | | |
| 7. Capacity of fuel tank (reserve included) | 40 | ltrs. | 10.5 | gall. U.S. | 8.75 | 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 : | 965.2 | kg. | 2128 | lbs. | | |

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.

CHASSIS AND COACHWORK (Photographs A, B and C)

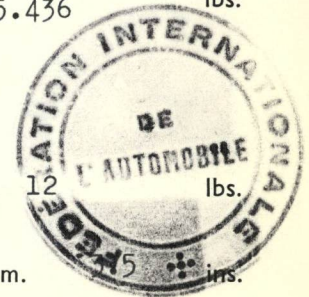
- 20. Chassis/body construction: separate/~~unitary construction~~
- 21. Unitary construction, material(s)
- 22. Separate construction, Material(s) of chassis Steel
- 23. Material(s) of coachwork Steel
- 24. Number of doors 2 Material(s) Steel
- 25. Material(s) of bonnet Steel
- 26. Material(s) of boot lid Steel
- 27. Material(s) of rear-window Glass
- 28. Material(s) of windscreen Laminated glass
- 29. Material(s) of front-door windows Glass
- 30. Material(s) of rear-door windows Glass
- 31. Sliding system of door windows Remote winder
- 32. Material(s) of rear-quarter light

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 Separate/Ambla
- 42. Weight of front seat(s), complete with supports and rails, out of the car :
 (2 off) 20.412 kg. 45 lbs.
- 43. Rear seats, type of seat and upholstery Bench/Ambla
- 44. Front bumper, material(s) Weight 1.825 kg. 4.186 lbs.
- 45. Rear bumper, material(s) Weight 2.468 kg. 5.436 lbs.
 (with overrides)

WHEELS

- 50. Type Steel disc
- 51. Weight (per wheel, without tyre) 5.443 kg. 12 lbs.
- 52. Method of attachment Four stud
- 53. Rim diameter 330 mm. 13 ins.
- 54. Rim width 88.9 mm.



STEERING

- 60. Type Rack and pinion
- 61. Servo-assistance : ~~yes~~ — no
- 62. Number of turns of steering wheel from lock to lock 4.375
- 63. In case of servo-assistance

SUSPENSION

- 70. Front suspension (photograph D), type Independent doublewishbone
- 71. Type of spring Coil
- 72. Stabiliser (if fitted) Anti-roll bar
- 73. Number of shock absorbers Two 74. Type Telescopic
- 78. Rear suspension (photograph E), type Swing axle
- 79. Type of spring Transverse leaf
- 80. Stabiliser (if fitted)
- 81. Number of shock absorbers 2 82. Type Telescopic

BRAKES (photographs F and G)

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

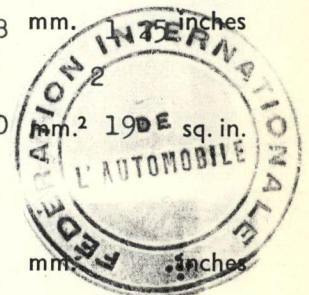
	2 FRONT	1 REAR
93. Number of cylinders per wheel	2	1
94. Bore of wheel cylinder(s)	42.8 mm 1.685 inches	17.8 mm .70 inches

Drum Brakes

95. Inside diameter	mm. inches	203 mm. 8 inches
96. Length of brake linings	mm. inches	194 mm. 7.65 inches
97. Width of brake linings	mm. inches	31.8 mm. 1.25 inches
98. Number of shoes per brake		2
99. Total area per brake	mm. ² sq. in.	12250 mm. ² 1900 sq. in.

Disc Brakes

100. Outside diameter	228.9 mm. 9 inches	mm. inches
101. Thickness of disc	9.53 mm. .375 inches	mm. inches
102. Length of brake linings	53.9 mm 2.125 inches	mm. inches
103. Width of brake linings	38.1 mm. 1.50 inches	mm. inches
104. Number of pads per brake	2	
105. Total area per brake	4300 mm. ² 6.7 sq. in.	mm. ² sq. in.



ENGINE (photographs J and K)

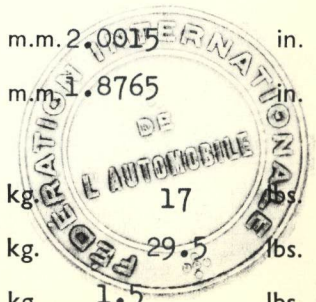
- | | | | |
|---|---------------------|---|-------------------------------------|
| 130. Cycle | Four stroke | 131. Number of cylinders | Six |
| 132. Cylinder Arrangement | Six in line | | |
| 133. Bore | 66.75 mm. 2.628 in. | 134. Stroke | 76 mm. 2.992 in. |
| 135. Capacity per cylinder | | | 266 cm. ³ 16.23 cu. in. |
| 136. Total cylinder capacity | | | 1596 cm. ³ 97.39 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 | Six | 141. Number of exhaust ports | Six |
| 142. Compression ratio | 8.75 : 1 | | |
| 143. Volume of one combustion chamber | | | 29.67 cm. ³ 1.81 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 | | | 37.8206 mm. 1.489 in. |
| 147. Crankshaft : moulded /stamped | | 148. Type of crankshaft: integral/ xxxxxxx | |
| 149. Number of crankshaft main bearings | Four | | |
| 150. Material of bearing cap | Cast iron | | |
| 151. System of lubrication : dry sump /oil in sump | | | |
| 152. Capacity, lubricant | 4.5 ltrs. 8 pts. | | 4.8 quarts U.S. |
| 153. Oil cooler : yes /no | | 154. Method of engine cooling | Water |
| 155. Capacity of cooling system | 4.5 ltrs. 8 pts. | | 4.8 quarts U.S. |
| 156. Cooling fan (if fitted) dia. | | | 31.8 cm. 12.5 in. |
| 157. Number of blades of cooling fan | Six | | |

Bearings

- | | | | | |
|-----------------------------------|-------------|--------------|-------------|-----|
| 158. Crankshaft main, type | Lead indium | dia. 50.8381 | m.m. 2.0015 | in. |
| 159. Connecting rod big end, type | Lead indium | dia. 47.6631 | m.m. 1.8765 | in. |

Weights

- | | | | | | |
|---|----------------------|---------------------|-------|-------|----------|
| 160. Flywheel (clean) | | 7.711 | kg. | 17 | lbs. |
| 161. Flywheel with clutch (all turning parts) | | 13.381 | kg. | 29.5 | lbs. |
| 162. Crankshaft | 20.669 kg. 45.5 lbs. | 163. Connecting rod | 0.681 | kg. | 1.5 lbs. |
| 164. Piston with rings and pin | | 0.363 | kg. | 0.798 | lbs. |

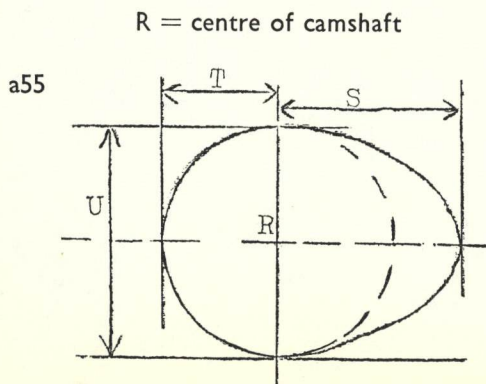


ENGINE ACCESSORIES

- 230. Fuel pump : mechanical ~~and/or electrical~~
- 231. No. fitted One
- 232. Type of ignition system Coil
- 233. No. of distributors One
- 234. No. of ignition coils One
- 235. No. of spark plugs per cylinder One
- 236. Generator, type : dynamo/~~alternator~~—number fitted One
- 237. Method of drive Vee belt
- 238. Voltage of generator 12 nom. volts
- 239. Battery, number One
- 240. Location Under bonnet
- 241. Voltage of battery 12 volts

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

- 250. Max. engine output 70 (type of horsepower: B.H.P. NETT) at 5000 r.p.m.
- 251. Max. r.p.m. 6000 intermediate output at that figure not quoted since not sustained
- 252. Max. torque 1110 lb. ins. at 2800 r.p.m.
- 253. Max. speed of the car 142/145 km./hour 88/90 miles/hour



Inlet cam

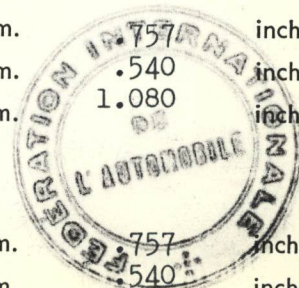
S = 19.23
 T = 13.72
 U = 27.43

mm. 19.23 inches
 mm. 13.72 inches
 mm. 27.43 inches

Exhaust cam

S = 19.23
 T = 13.72
 U = 27.43

mm. 19.23 inches
 mm. 13.72 inches
 mm. 27.43 inches



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 19.66 rec. no. 5094 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.

OPTIONAL EQUIPMENT

Group 1

Gearbox - detail no. 306474 Non-overdrive condition. Ratios as previously specified.

Group 2

Solex carbs. - Engine nos. HBl HE to HB 15000 carried Solex carburetors and headers tanks to radiator.

Road wheels - detail no. 307405 Steel disc 13" dia. x 4 1/2" (338.2mm x 114.3 mm) Weight 12 lbs (5.45 kg.) No track change.

Sump skid shield kit - detail no. 306133





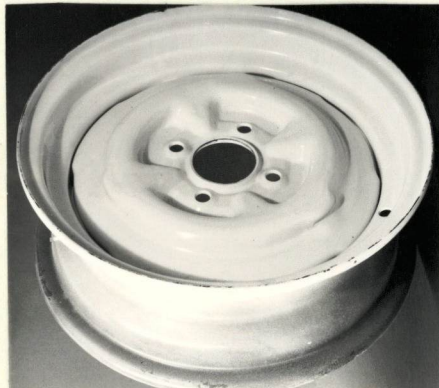
MOTOR SPORT DIVISION
The Royal Automobile Club,
31 Belgrave Square, London, S.W.1

Manufacturer: Standard Triumph
Model: Vitesse 1600
F.I.A. Recognition No. 5094
Amendment No. 1

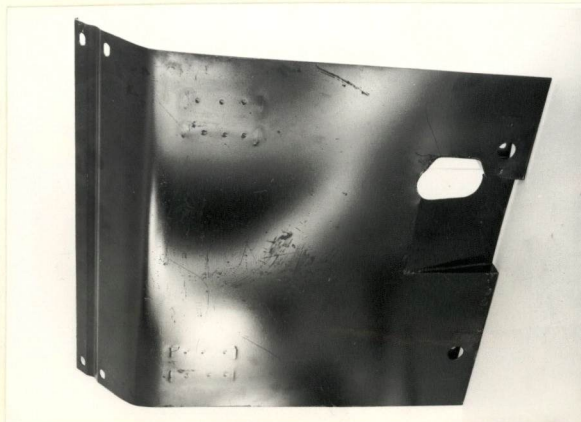
Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	
		<u>OPTIONAL EQUIPMENT</u>
	<u>GROUP 1</u>	
1.	<u>GROUP 2</u>	Gearbox - detail no. 306474 Non overdrive condition. Ratios as previously specified.
2.		Solex carbs. Engine nos. HB 1 HE to HB 15000 HE carried Solex Carburettors and header tanks to radiator.
3.		Road wheels - detail no. 307405 Steel disc 13" ia. x 4½" (338.2mm x 114.3mm) Weight 12 lbs. (5.5kg) Nontrack change.



4. Sump skid shield kit - detail no. 306133



Date amendment is valid from.....

15 July

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