

F.I.A. Recognition No. **3010**  
Group **3**



# 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 2498.0 cm.<sup>3</sup> ..... 152.0 in.<sup>3</sup>  
Manufacturer British Leyland Motor Corporation Model Triumph TR6  
Serial No. of chassis/body CP & CC25001 Manufacturer Standard Triumph Motor Co. Ltd.  
Serial No. of engine CP & CC25001 Manufacturer Standard Triumph Motor Co. Ltd.  
Recognition is valid from 1/1/70 List 70/1  
The manufacturing of the model described in this recognition form started on 10th December 19 68  
and the minimum production of 500 identical cars, in accordance with the specifications of  
this form was reached on 2nd April 19 69

Photograph A, 3/4 view of car from front



F.I.A. Stamp

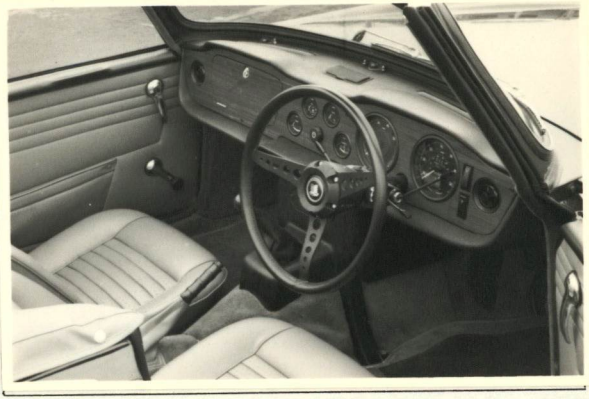
R.A.C. Stamp



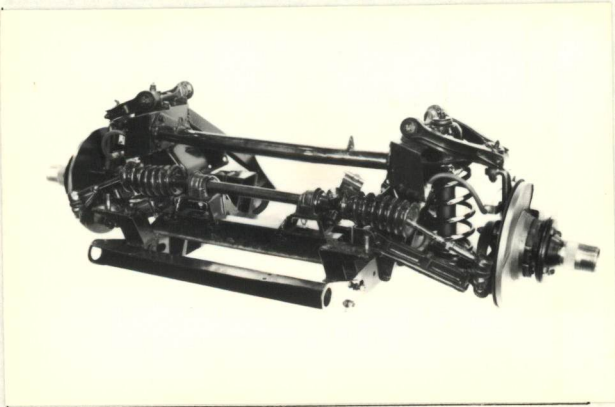
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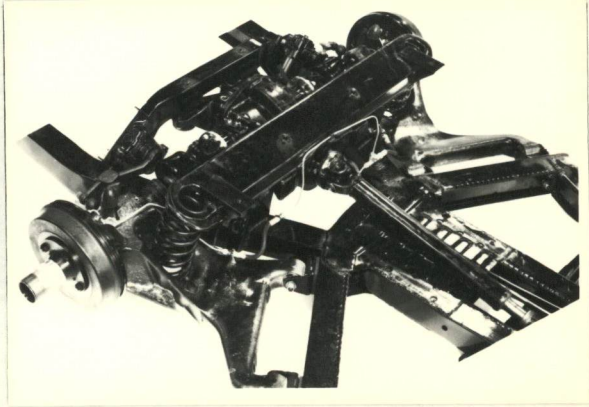
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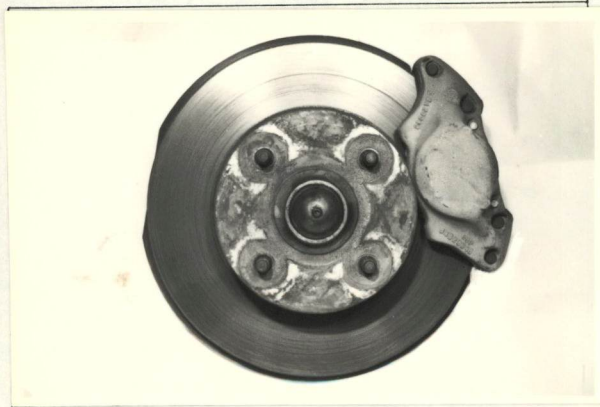
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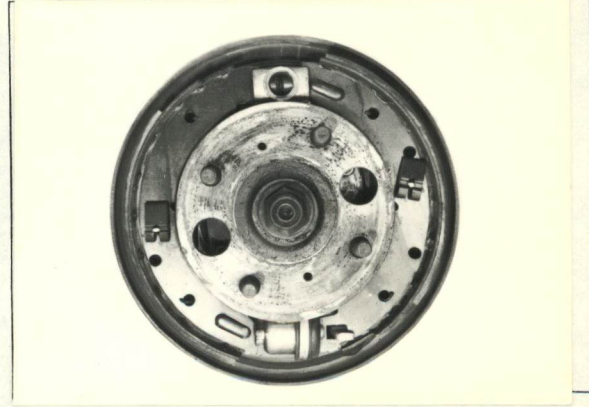
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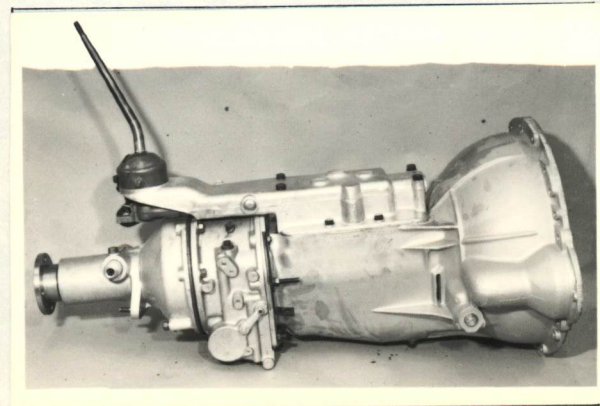
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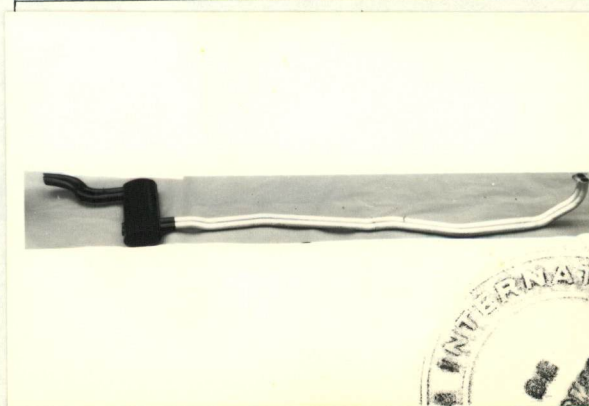
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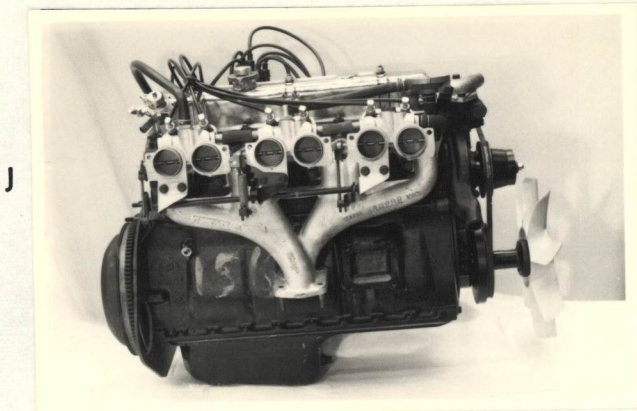


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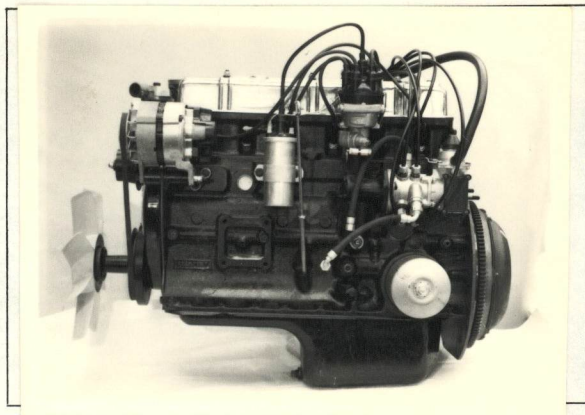


I

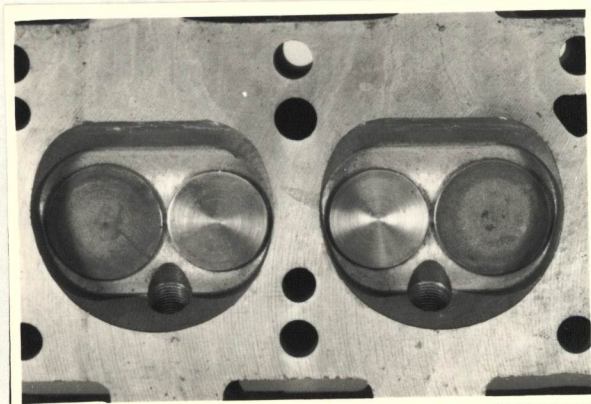




J



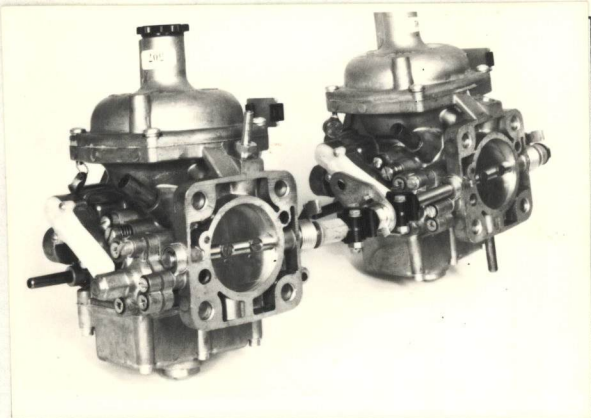
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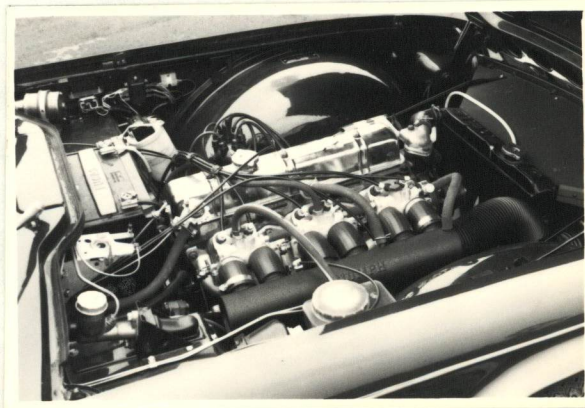
L



M

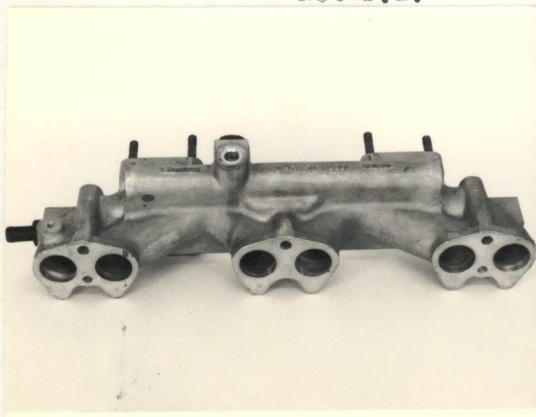


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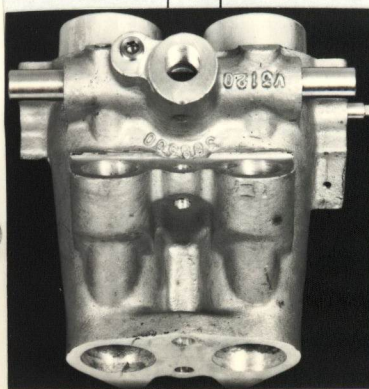


O

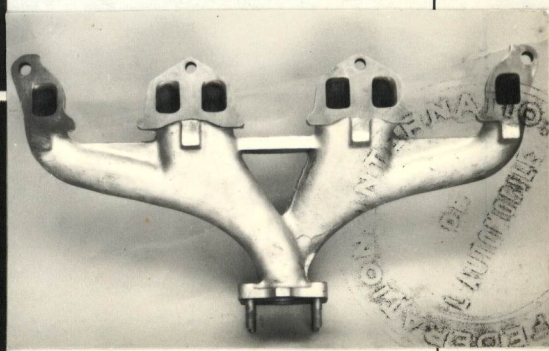
Not P.I.



Carbs



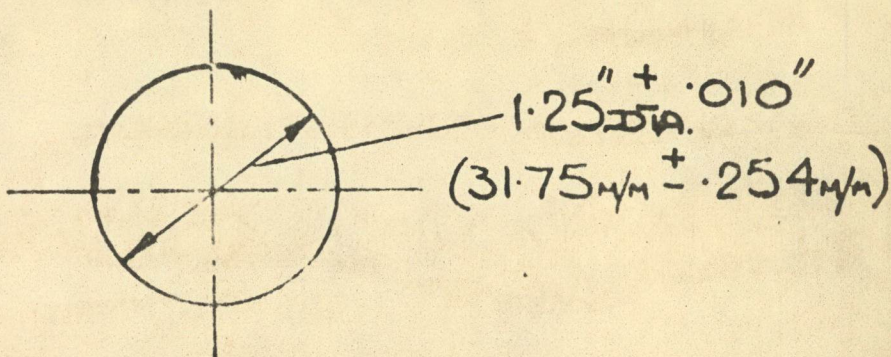
P.I.



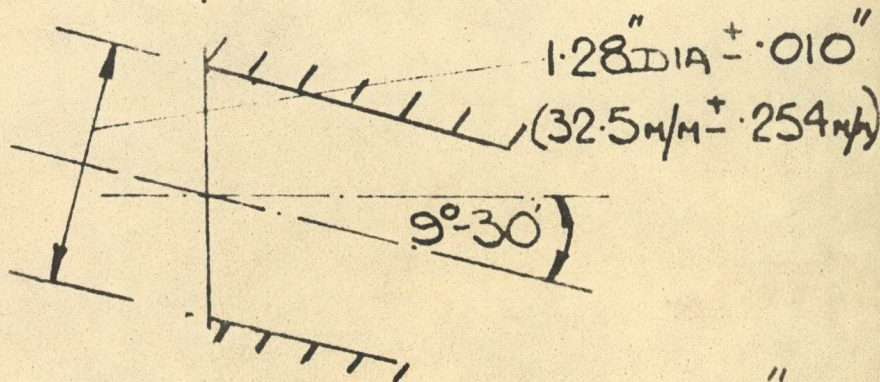
3

P.I. - 1.5 inches/38.1 mm  
Carbs - 2.03 inches/51.5 mm

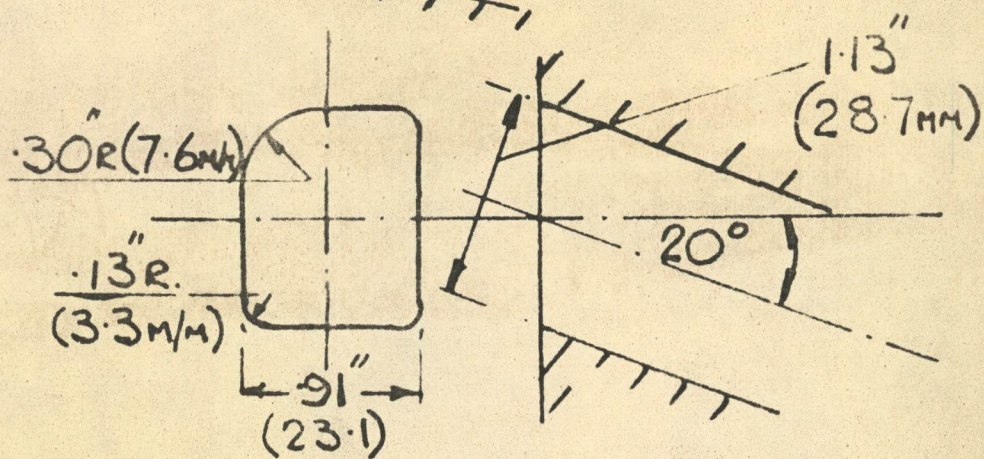
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



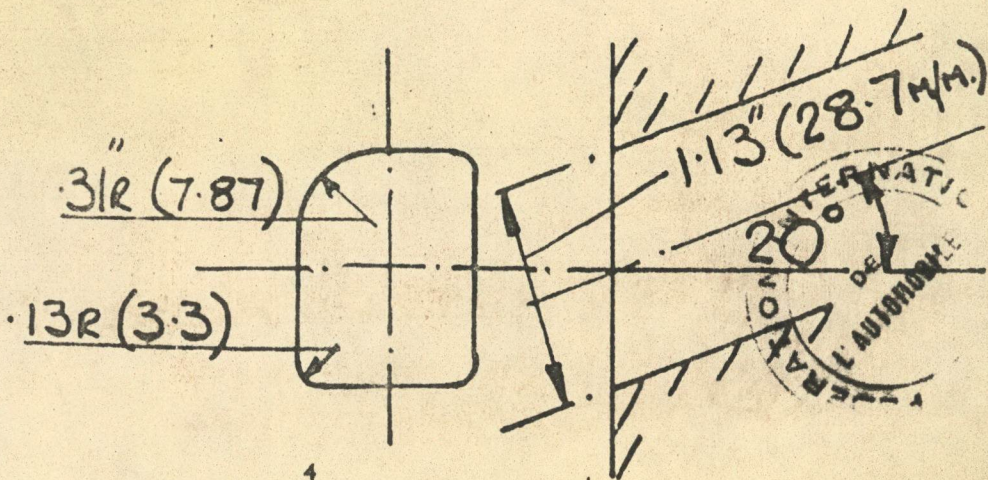
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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.

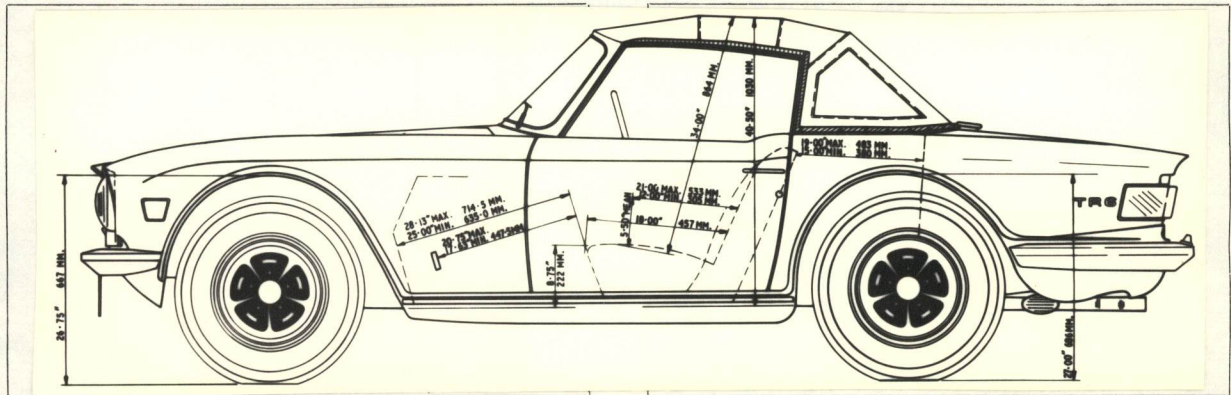


**NOTE 1.**

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

**CAPACITIES AND DIMENSIONS**

1. Wheelbase	2240.0	mm.	88.0	inches
2. Front track ( $\pm 6.35$ mm/0.25 inches)			3. Rear track ( $\pm 6.35$ mm/0.25 inches)	
	1276.0	mm.	50.25	inches
			1264.0	mm.
			49.75	inches



4. Overall length of the car	393.7	cm.	155.0	inches
5. Overall width of the car	147.0	cm.	58.0	inches
6. Overall height of the car	127.0	cm.	50.0	inches
7. Capacity of fuel tank (reserve included)				
	51.0	ltrs.	13.25	gall. U.S.
				11.25
8. Seating Capacity.				
9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools:				
	1053.0	kg.	2320.0	lbs.
				20.75
				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	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 **Pressed steel**
- 23. Material(s) of coachwork **Pressed 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 -
- 28. Material(s) of windscreen **Laminated or zone toughened glass**
- 29. Material(s) of front-door windows **Safety glass**
- 30. Material(s) of rear-door windows -
- 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 **Bucket P.V.C.**
- 42. Weight of front seat(s), complete with supports and rails, out of the car :
 

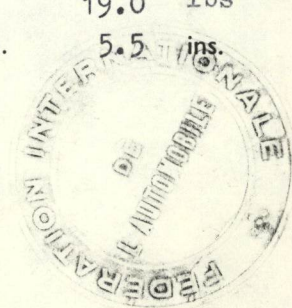
11.8	kg.	26.0	lbs.
------	-----	------	------
- 43. Rear seats, type of seat and upholstery
- 44. Front bumper, material(s) **steel** Weight **6.7** kg. **14.75** lbs.
- 45. Rear bumper, material(s) **steel** Weight **7.5** kg. **16.5** lbs.

**WHEELS**

- 50. Type **Disc or wire spoke**
- 51. Weight (per wheel, without tyre) **Disc 9.1** kg. **20.0** lbs.
- 52. Method of attachment **Nuts or centre lock. Wire 8.6** kg. **19.0** lbs
- 53. Rim diameter **381.0 mm. 15.0 ins.**
- 54. Rim width **139.7** mm. **5.5** ins.

**STEERING**

- 60. Type **Rack & pinion**
- 61. Servo-assistance : ~~yes~~ — no
- 62. Number of turns of steering wheel from lock to lock **3.25**
- 63. In case of servo-assistance -





Make Triumph Model TR6 F.I.A. Rec. No. ....

**ENGINE** (photographs J and K)

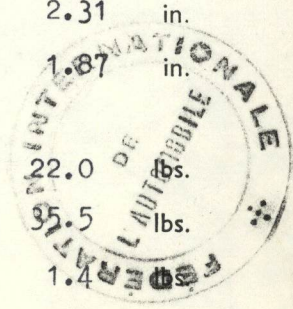
- |   |  |   |   |
|---|--|---|---|
| 130. Cycle  | 4 stroke                               | 131. Number of cylinders                | 6   |
| 132. Cylinder Arrangement   | In line                                |   |   |
| 133. Bore   | 74.7 mm. 2.94 in.                      | 134. Stroke                             | 95.0 mm. 3.74 in.                                       |
| 135. Capacity per cylinder  |  |   | 417.0 cm. <sup>3</sup> 25.4 cu. in.                     |
| 136. Total cylinder capacity  |  |   | 2498.0 cm. <sup>3</sup> 152.0 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  | 6                                      | 141. Number of exhaust ports            | 6   |
| 142. Compression ratio  | 8.5:1 (9.5 on Petrol Injection engine) |   |   |
| 143. Volume of one combustion chamber                                       |  |   | 48.89 or cm. <sup>3</sup> 2.98 or cu. in.<br>43.32 2.64 |
| 144. Piston, material   | Aluminium alloy                        | 145. Number of rings                    | 3   |
| 146. Distance from gudgeon pin centre line to highest point of piston crown |  |   | 29.0 mm. 1.14 in.                                       |
| 147. Crankshaft: <del>rounded</del> /stamped                                |  | 148. Type of crankshaft: integral/      | Yes   |
| 149. Number of crankshaft main bearings                                     | 4                                      |   |   |
| 150. Material of bearing cap  | Cast iron                              |   |   |
| 151. System of lubrication: <del>dry sump</del> /oil in sump                |  |   |   |
| 152. Capacity, lubricant  | 5.1 ltrs. 9.0 pts.                     | 5.4 quarts U.S.                         |   |
| 153. Oil cooler: <del>yes</del> /no   |  | 154. Method of engine cooling           | Water - thermostatically controlled                     |
| 155. Capacity of cooling system   | 6.2 ltrs. 11.0 pts.                    | 6.6 quarts U.S.                         |   |
| 156. Cooling fan (if fitted) dia.   |  | 31.8 cm.                                | 12.5 in.  |
| 157. Number of blades of cooling fan  | 8                                      |   |   |

**Bearings**

- |                                   |           |      |           |          |
|-----------------------------------|-----------|------|-----------|----------|
| 158. Crankshaft main, type        | thin wall | dia. | 58.6 m.m. | 2.31 in. |
| 159. Connecting rod big end, type | thin wall | dia. | 47.6 m.m. | 1.87 in. |

**Weights**

- |   |                    |                     |                   |
|---|--------------------|---------------------|-------------------|
| 160. Flywheel (clean) with starter ring       |                    | 10.0 kg.            | 22.0 lbs.         |
| 161. Flywheel with clutch (all turning parts) |                    | 16.2 kg.            | 35.5 lbs.         |
| 162. Crankshaft                               | 28.2 kg. 62.0 lbs. | 163. Connecting rod | 0.64 kg. 1.4 lbs. |
| 164. Piston with rings and pin                |                    | 5.4 kg.             | 1.2 lbs.          |







Make Triumph

Model TR6

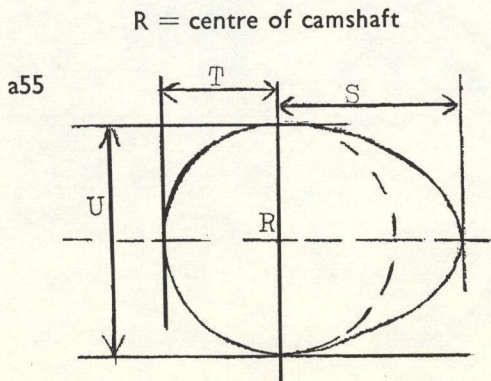
F.I.A. Rec. No. ....

**ENGINE ACCESSORIES**

- 230. Fuel pump : mechanical ~~and/or electrical~~ (electrical - P.I.)
- 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 Under bonnet
- 241. Voltage of battery 12 volts

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

- 250. Max. engine output (type of horsepower: 150 bhp ) at 5500 r.p.m.
- 251. Max. r.p.m. 6000 output at that figure Not quoted
- 252. Max. torque 158 lbs. ft. at 3,000 r.p.m.
- 253. Max. speed of the car 184-200 km./hour 115-125 miles/hour



**Inlet cam**

- S = 20.02
- T = 13.7
- U = 27.2

**Exhaust cam**

- S = 20.02
- T = 13.7
- U = 27.2

mm.	0.79	inches
mm.	0.54	inches
mm.	1.08	inches
mm.	0.79	inches
mm.	0.54	inches
mm.	1.08	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 :

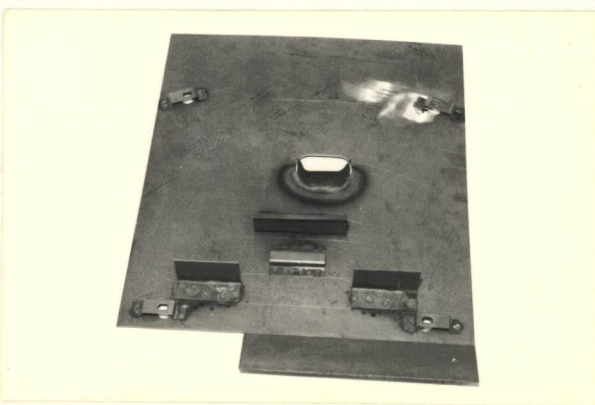
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on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....
on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....

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

Sump shield Part No. 308208

Weight - 9.07 kgs/20.0 lbs.

22.0 inches/558.8 mm



28 inches/711.0 mm





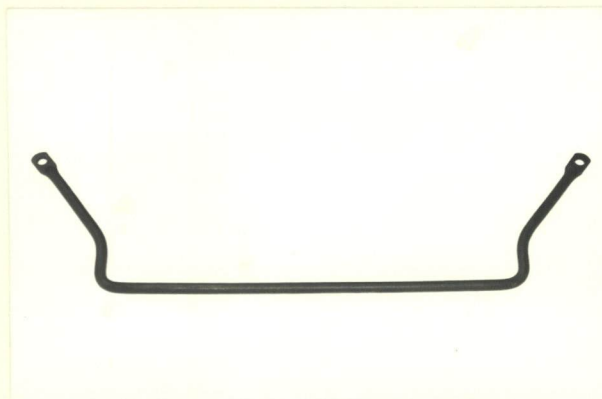
MOTOR SPORT DIVISION  
 The Royal Automobile Club,  
 31 Belgrave Square, London, S.W.1

Manufacturer TRIUMPH  
 Model TR6  
 F.I.A. Recognition No. 3010  
 Amendment No. 1/IE

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
	EVOLUTION
	TRIUMPH TR6
	Chassis No. CP and CC 25001 onwards.
	SUSPENSION
72	Stabiliser (if fitted) - Anti-roll-bar.



Date amendment is valid from 14.73

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



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

Manufacturer TRIUMPH  
Model TR6  
F.I.A. Recognition No. 3010  
Amendment No. 2/2E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

Reference No.

EVOLUTION  
TRIUMPG TR6  
Commission No. CC AND CP. 50001 onwards  
photograph A page 1  
B page 2  
C page 2

Date amendment is valid from 1.4.73

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



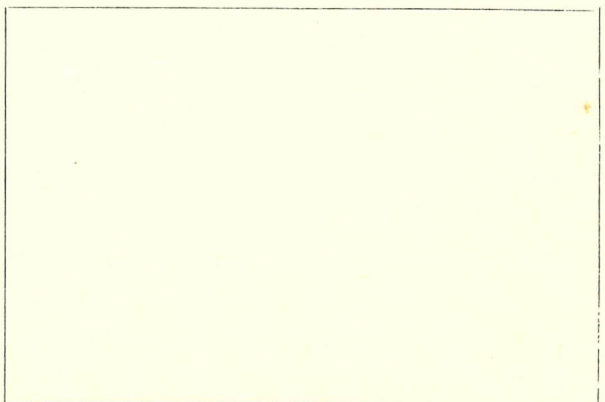
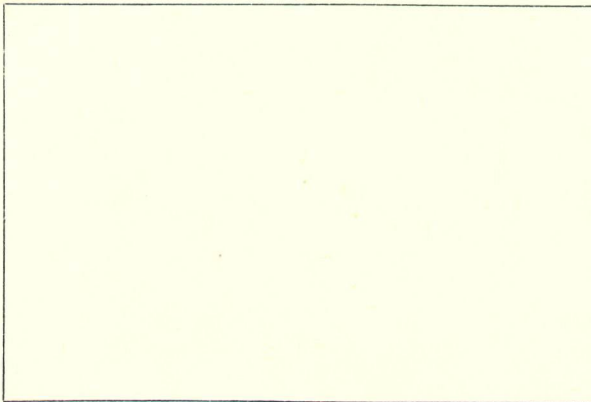
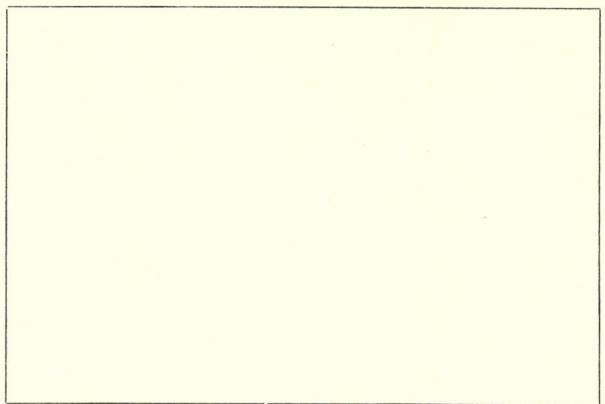
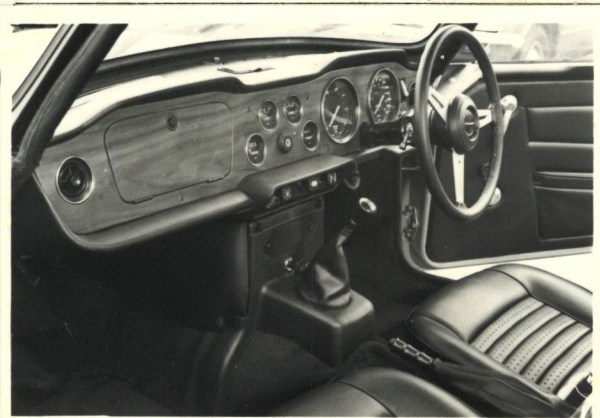
MOTOR SPORT DIVISION  
The Royal Automobile Club,  
31 Belgrave Square, London, S.W.1

Manufacturer TRIUMPH  
Model TR6  
F.I.A. Recognition No. 3010  
Amendment No. 2/2E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

Photographs must be 3"×2" and a matt finish



Date amendment is valid from.....

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



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

Manufacturer ..... TRIUMPH .....  
 Model ..... TR6 .....  
 F.I.A. Recognition No. 3010 .....  
 Amendment No. 3/3E .....

*Amendment to Form of Recognition*


**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
	EVOLUTION
	TRIUMPH TR6
	Commission No. CP 52421 onwards (PI)
	" " CC 57468 " (CARB.)

ENGINE

156	Cooling fan (dia.) 31.8 cm 12.5 in
157	Number of blades of cooling fan 7

Date amendment is valid from 1473

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





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

Manufacturer ..... TRIUMPH .....  
Model ..... TR6 .....  
F.I.A. Recognition No. .... 3010 .....  
Amendment No. .... 4/4E .....

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
	EVOLUTION TRIUMPH TR6 P.I.  Commission Number CP. 75001 onwards
183	INLET Number of valve springs - 1 (one)
198	EXHAUST Number of valve springs - 1 (one)

Date amendment is valid from ..... 14 73 .....

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



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

Manufacturer..... TRIUMPH  
Model..... TR6  
F.I.A. Recognition No. .... 3010  
Amendment No. .... 5/5E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
	EVOLUTION
	TRIUMPH TR6
	From Commission No. CFI and CRI onwards.
	PHOTOGRAPHS
	A page 1
	B page 2
	INLET
183	Number of valve springs    2 (PI)
187	Valves open at 18° BTDC
188	Valves close at 58° ABDC
	EXHAUST
198	Number of valves springs per cylinder  2
202	Valves open at 58° BBDC
203	Valves close at 18° ATDC
	ENGINE AND CAR PERFORMANCES
250	Max. engine output    125 bhp nett at 5000 rpm
251	Max rpm 6000
252	Max torque  146 lbs ft  at 3500 rpm
253	Max speed of car 187 kph  116 mph

Date amendment is valid from.....1473

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



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

Manufacturer TRIUMPH  
Model TR6  
F.I.A. Recognition No. 3010  
Amendment No. 5/SE

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
a55	Inlet Cam
	S = mm 1.376 ins
	T = mm 0.56 ins
	U = mm 1.12 ins
	Exhaust Cam
	S = mm 1.363 ins
	T = mm 0.56 ins
	U = mm 1.12 ins
	Gearbox
278	Overdrive Laycock J type
279	Forward gears on which overdrive can be selected, 3 and 4
280	Overdrive ratio 0.797:1



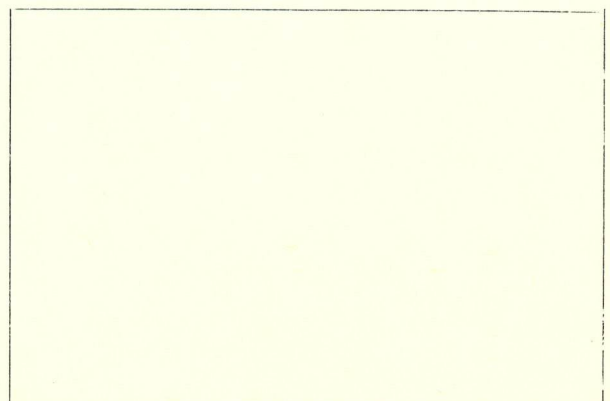
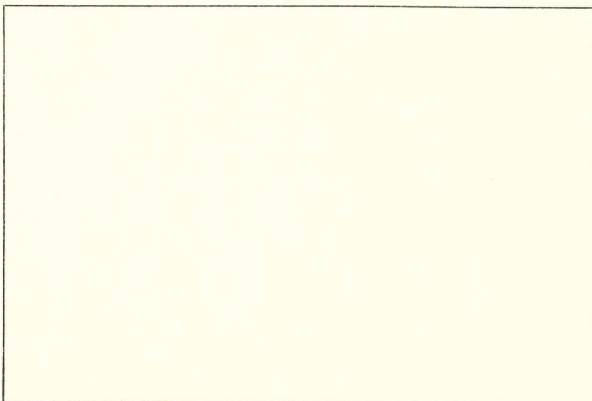
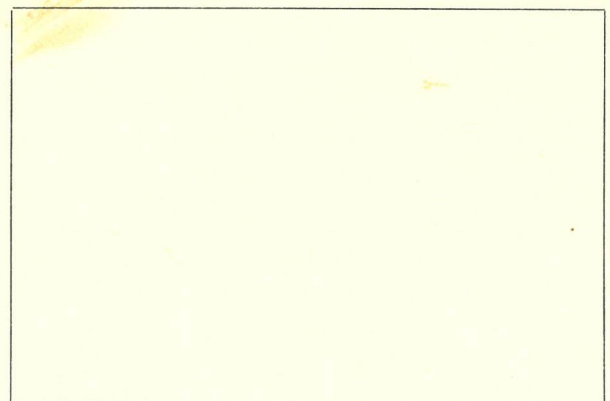
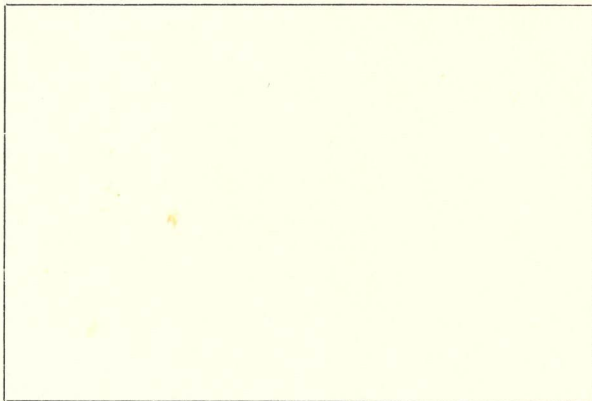
MOTOR SPORT DIVISION  
The Royal Automobile Club,  
31 Belgrave Square, London, S.W.1

Manufacturer TRIUMPH  
Model TR6  
F.I.A. Recognition No. 3010  
Amendment No. 5/5E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

Photographs must be 3"×2" and a matt finish



Date amendment is valid from.....

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



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

Manufacturer..... TRIUMPH  
 Model..... TR6  
 F.I.A. Recognition No. .... 3080  
 Amendment No. .... G/6E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

Reference No.

EVOLUTION

TRIUMPH TR6 PI

Commission No. CR172 onwards

ENGINE

156

Cooling Fan (dia.) 36.8 cm 14.5 ins

157

Number of blades of cooling fan 13

Date amendment is valid from..... 1. 6. 73

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



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

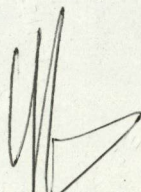
Manufacturer British Leyland  
 Model Triumph TR6  
 F.I.A. Recognition No. 3010  
 Amendment No. 7/7E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
	EVOLUTION - TRIUMPH TR6
	ERRATUM TO AMENDMENT 5/5E
192	Max valve lift 8.97 mm .353 ins
197	Max valve lift 8.86 mm .349 ins
a55	Inlet cam: S = 20.45 mm 0.805 inches
	Exhaust cam: S = 20.37 mm 0.802 inches

Date amendment is valid from 1773

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



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Manufacturer British Leyland

Model TR6

F.I.A. Recognition No. 3010

Amendment No. 8/8E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

Reference No.

Evolution.

Triumph TR6 (PI and Carburettor)

277

Gearbox Ratios.

From gearbox no CC89817 - Carburettor  
no CD51163 - PI

<u>Gear No.</u>	<u>Ratio</u>	<u>No. Teeth</u>
1	2.99	35/22 x 32/17
2	2.10	35/22 x 33/25
3	1.39	35/22 x 27/31
4	1.00	
Rev.	3.37	35/22 x 36/17

Date amendment is valid from 1.10.73

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

