



F.I.A. Recognition No. 5333
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

Manufacturer Standard Triumph Motor Co. Cylinder-capacity 2498 cm.³ 152 in.³
 Serial No. of chassis/body MD1 onwards Model Triumph 2.5 P.I.
 Serial No. of engine CR1 HE or LE onwards Manufacturer Standard Triumph Motor Co.
 Recognition is valid from Manufacturer Standard Triumph Motor Co.
 The manufacturing of the model described in this recognition form started on 1st May, 1968.
 and the minimum production of 5000 identical cars, in accordance with the specifications of
 this form was reached on 30th April, 1969. List

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



F.I.A. Stamp

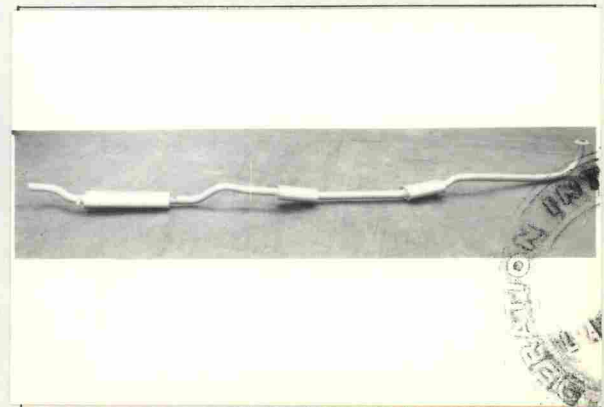
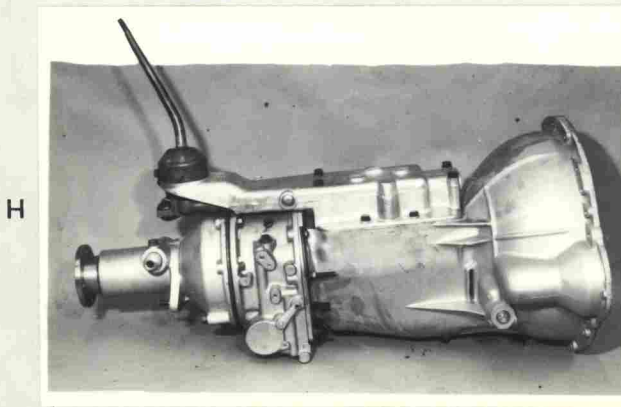
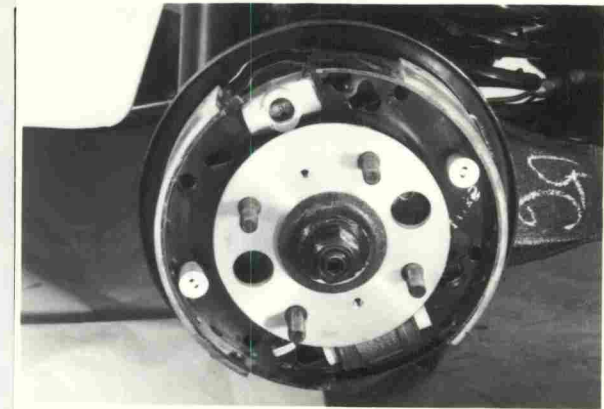
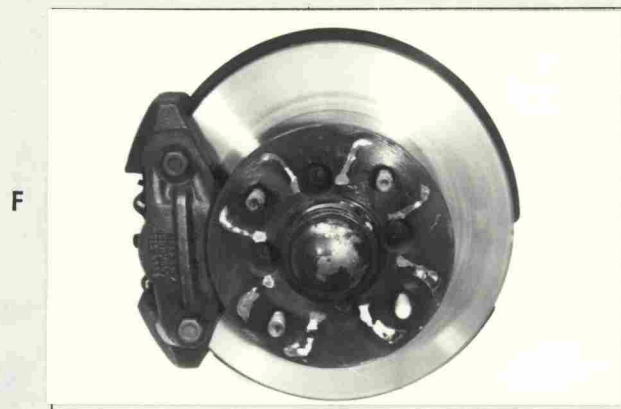
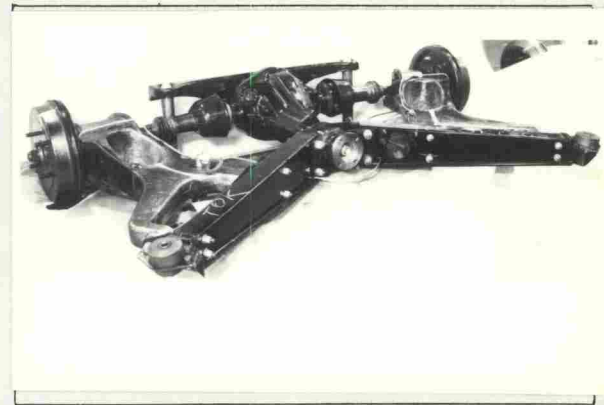
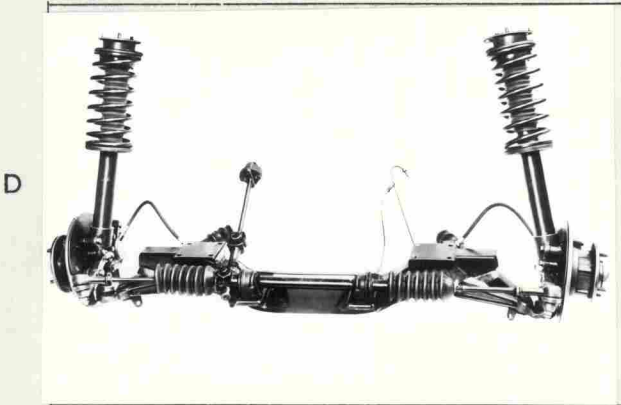


R.A.C. Stamp

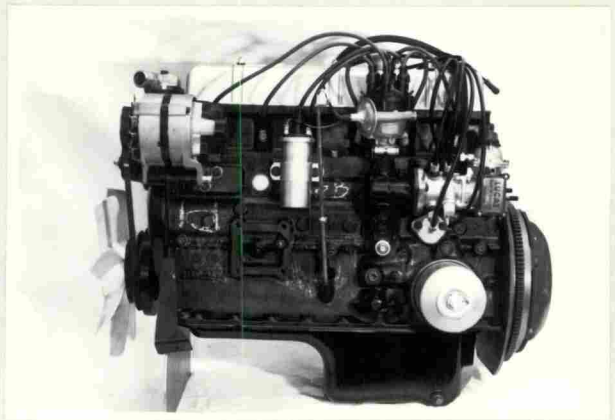
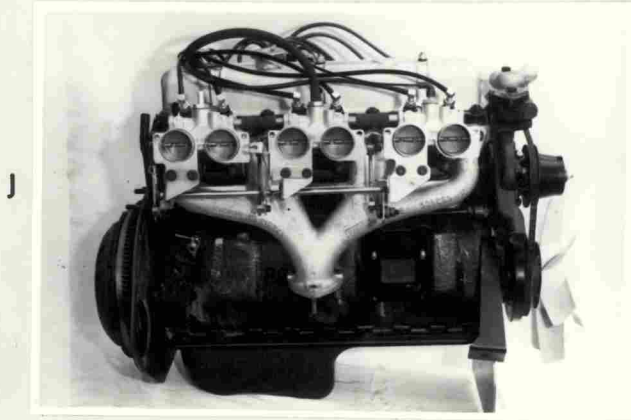
Make: Triumph

Model: 2.5 P.I.

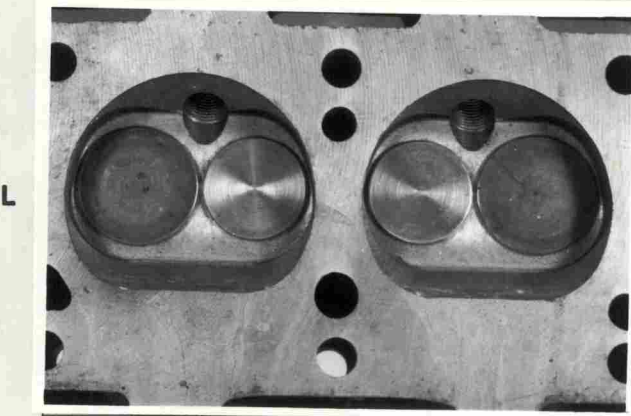
F.I.A. rec. no.



2 1 Pipe
2" O/Dia x .064" wall
(50.8 m/m x 1.63 mm)



K



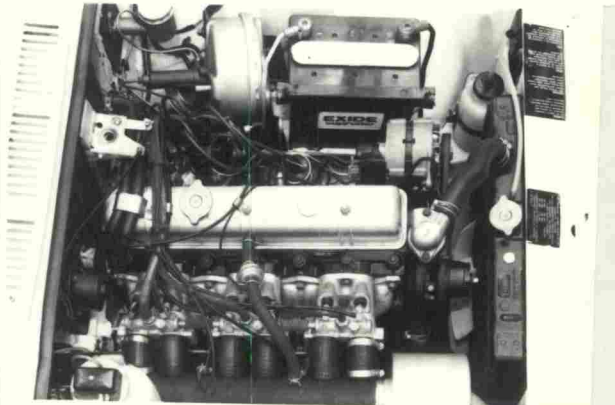
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N

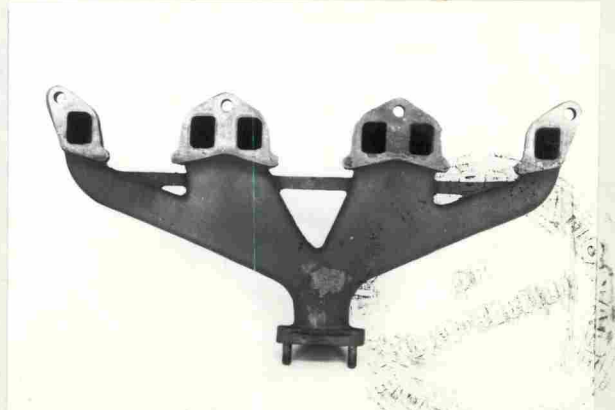
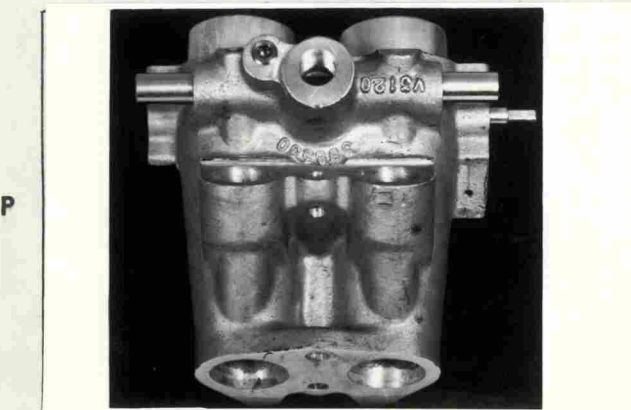
NOT

Carburettor (view from side of manifold)

FITTED



O



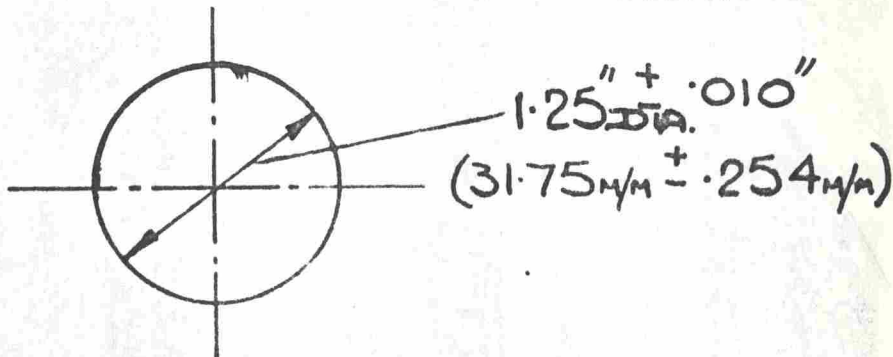
Q

Make TRIUMPH

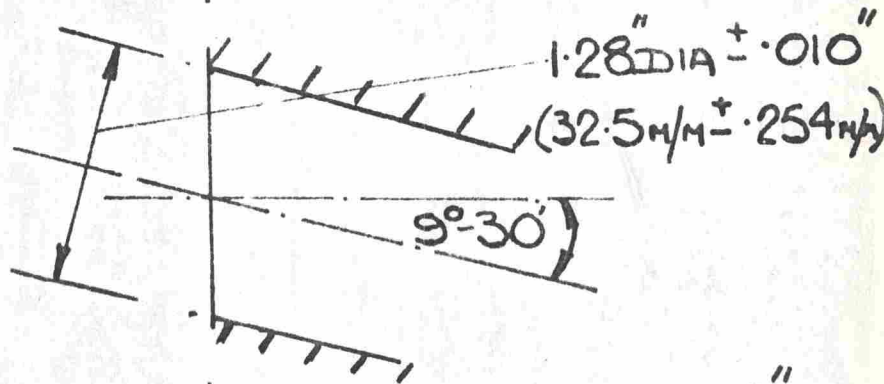
Model 2.5 PI.

F.I.A. Rec. No.

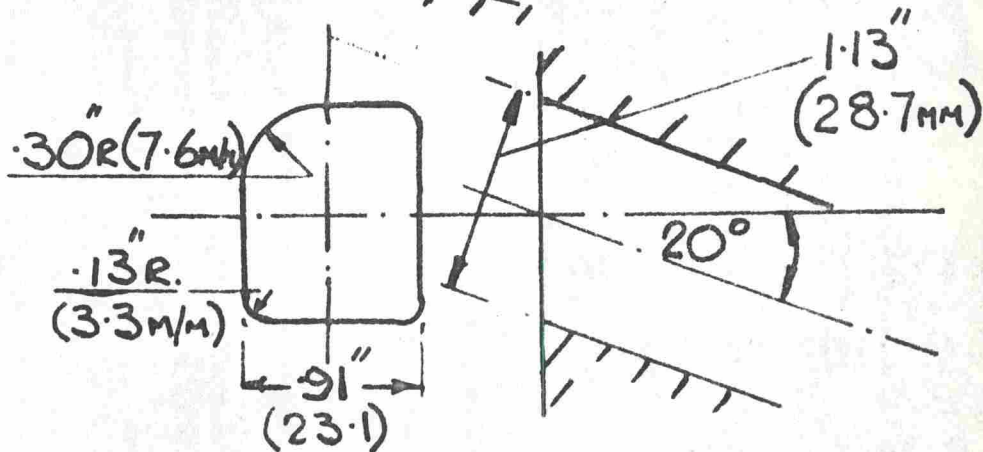
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



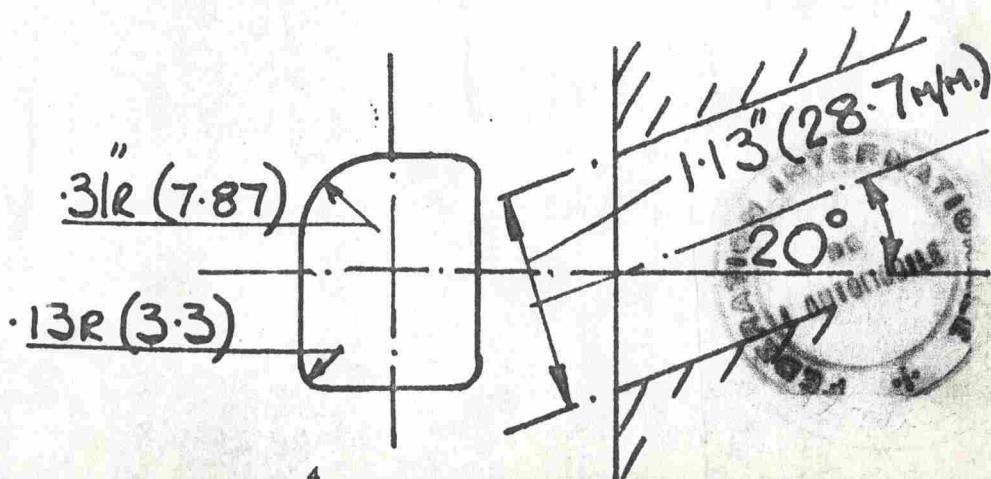
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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.



Make Triumph

Model 2.5 P.I.

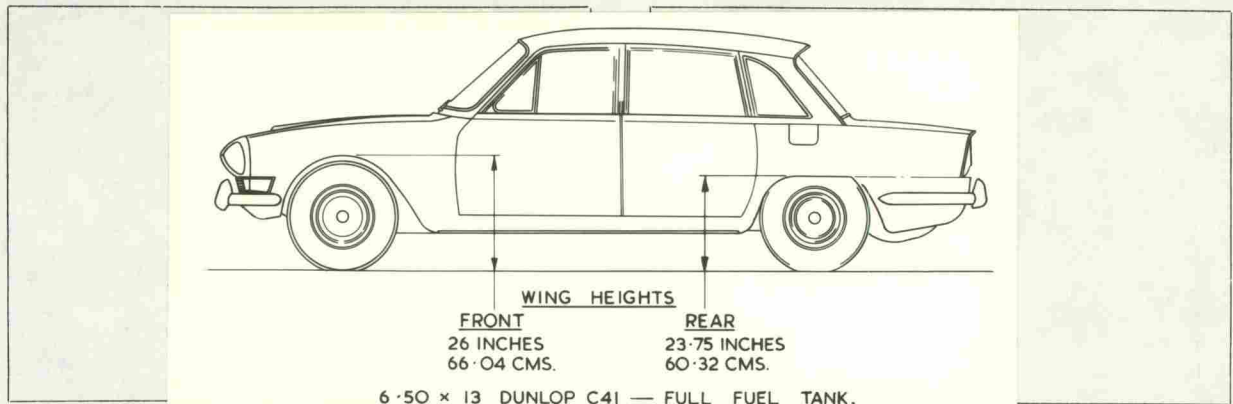
F.I.A. Rec. No. _____

NOTE 1.

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

CAPACITIES AND DIMENSIONS

1. Wheelbase	2690	mm.	106	inches
2. Front track	1320	mm.	52	inches
3. Rear track	1280	mm.	50 ³ / ₈	inches



4. Overall length of the car	441.5	cm.	173.75	inches
5. Overall width of the car	165.0	cm.	65	inches
6. Overall height of the car	142.0	cm.	56	inches
7. Capacity of fuel tank (reserve included)	63.6	ltrs.	16.8	gall. U.S.
			14	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 :	1143	kg.	2520	lbs.
			22 ¹ / ₂	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	— 0.946	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.



Make Triumph

Model 2.5 P.I.

F.I.A. Rec. No.

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 N.A.
- 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 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 Glass

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes — ~~no~~
- 39. Air conditioning : ~~yes~~ — no Separate
- 40. Ventilation : yes — ~~no~~
- 41. Front seats, type of seat and upholstery Leather
- 42. Weight of front seat(s), complete with supports and rails, out of the car :

	13.1 kg.	29	lbs.
--	----------	----	------
- 43. Rear seats, type of seat and upholstery Bench. Leather
- 44. Front bumper, material(s) Steel Weight 4.76 kg. 10½ lbs.
- 45. Rear bumper, material(s) Steel Weight 5.2 kg. 11½ lbs.

WHEELS

- 50. Type Steel disc
- 51. Weight (per wheel, without tyre) 6.12 kg. 13½ lbs.
- 52. Method of attachment 4 stud & nut
- 53. Rim diameter 330 mm. 13 ins. 54. Rim width 114 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
- 63. In case of servo-assistance N.A.



Make Triumph

Model 2.5 P.I.

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SUSPENSION

- 70. Front suspension (photograph D), type **Independent. Telescopic strut.**
- 71. Type of spring **Coil**
- 72. Stabiliser (if fitted) **-**
- 73. Number of shock absorbers **1 per side** 74. Type **Telescopic**
- 78. Rear suspension (photograph E), type **Independent. Semi-trailing arms**
- 79. Type of spring **Coil**
- 80. Stabiliser (if fitted) **-**
- 81. Number of shock absorbers **1 per side** 82. Type **Telescopic**

BRAKES (photographs F and G)

- 90. Method of operation **Pedal operated hydraulic**
- 91. Servo-assistance (if fitted), type **Lockheed type 8. Remote**
- 92. Number of hydraulic master cylinders **1**

		FRONT	1	REAR
93. Number of cylinders per wheel	2			
94. Bore of wheel cylinder(s)	54	mm. $2\frac{1}{8}$ inches	27	mm. $11/16$ inches

Drum Brakes

95. Inside diameter		mm. inches	228	mm. 9 inches
96. Length of brake linings		mm. inches	445	mm. 17.5 inches
97. Width of brake linings		mm. inches	44.5	mm. 1.75 inches
98. Number of shoes per brake				2
99. Total area per brake		mm. ² sq. in.	19500	mm. ² 3025 sq. in.

Disc Brakes

100. Outside diameter	249	mm. 9.75 inches		mm. inches
101. Thickness of disc	12.7	mm. .5 inches		mm. inches
102. Length of brake linings	79.5	mm. 3.125 inches		mm. inches
103. Width of brake linings	47.6	mm. 1.875 inches		mm. inches
104. Number of pads per brake		2		
105. Total area per brake	6450	mm. ² 10 sq. in.		mm. ² sq. in.



Make Triumph Model 2.5 P.I. 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 mm. 3.74 in. |
| 135. Capacity per cylinder | | 416.3 cm. ³ | 25.3 cu. in. |
| 136. Total cylinder capacity | | 2498 cm. ³ | 152 cu. in. |
| 137. Material(s) of cylinder block | Chrome iron | 138. Material(s) of sleeves (if fitted) | - |
| 139. Cylinder head, material(s) | Chrome Iron | Number fitted | 1 |
| 140. Number of inlet ports | 6 | 141. Number of exhaust ports | 6 |
| 142. Compression ratio | 9.5:1 | | |
| 143. Volume of one combustion chamber | | 43.32 cm. ³ | 2.64 cu. in. |
| 144. Piston, material | Aluminium alloy | 145. Number of rings | 3 |
| 146. Distance from gudgeon pin centre line to highest point of piston crown | | 29 mm. | 1.141 in. |
| 147. Crankshaft: molded /stamped | | 148. Type of crankshaft: integral/ | XXX |
| 149. Number of crankshaft main bearings | 4 | | |
| 150. Material of bearing cap | Chrome iron | | |
| 151. System of lubrication: dry sump /oil in sump | | | |
| 152. Capacity, lubricant | 4.52 ltrs. 8 pts. | 4.8 | quarts U.S. |
| 153. Oil cooler: yes /no | | 154. Method of engine cooling | Water |
| 155. Capacity of cooling system | 7.66 ltrs. 13 $\frac{1}{2}$ pts. | 8.1 | 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 | Shell | dia. | 58.8 m.m. | 2.313 in. |
| 159. Connecting rod big end, type | Shell | dia. | 47.8 m.m. | 1.877 in. |

Weights

- | | | | |
|---|--------------------------------|---------------------|-----------------------|
| 160. Flywheel (clean) | | 9.18 kg. | 20 $\frac{1}{4}$ lbs. |
| 161. Flywheel with clutch (all turning parts) | | 14.6 kg. | 32 $\frac{1}{4}$ lbs. |
| 162. Crankshaft | 27.4 kg. 60 $\frac{1}{2}$ lbs. | 163. Connecting rod | .65 kg. 1 lb. 7 oz. |
| 164. Piston with rings and pin | | .376 kg. | 13 $\frac{1}{4}$ oz. |



FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location Side of cyl. block
 172. Type of camshaft drive Duplex chain
 173. Type of valve operation Push rod operated O.H.V.

INLET (see page 4)*

180. Material(s) of inlet manifold Aluminium alloy
 181. Diameter of valves 36.8 mm. 1.443 ins.
 182. Max. valve lift 8.5 mm. .336 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/warm) .382 mm. .015 ins.
 187. Valves open at (with tolerance for tappet clearance indicated) 25° B.T.D.C.
 188. Valves close at (with tolerance for tappet clearance indicated) 65° A.B.D.C.
 189. Air filter, type Paper element

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold Cast iron
 196. Diameter of valves 32 mm. 1.258" ins.
 197. Max. valve lift 8.5 mm. .336 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/warm) .382 mm. .015 ins.
 202. Valves open at (with tolerance for tappet clearance indicated) 65° BBDC
 203. Valves close at (with tolerance for tappet clearance indicated) 25° ATDC
 204. Diameter outlet orifice exhaust manifold mm. ins.

CARBURETION (photograph N)

210. Number of carburettors fitted 211. Type
 212. Make 213. Model
 214. Number of mixture passages per carburettor
 215. Flange hole diameter of exit port(s) of carburettor mm. ins.
 216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU) mm. ins.

INJECTION (if fitted)

220. Make of pump Lucas 221. Number of ~~plungers~~ Shuttles 1
 222. Model or type of pump 730.59 223. Total number of injectors 6
 224. Location of injectors Top inlet manifold
 225. Minimum diameter of inlet pipe 31.75 mm.

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



Make Triumph

Model 2.5 P.I.

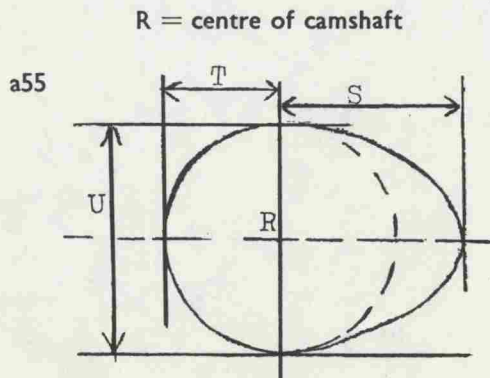
F.I.A. Rec. No.

ENGINE ACCESSORIES

- 230. Fuel pump: ~~mechanical~~ for electrical
- 231. No. fitted 1
- 232. Type of ignition system Coil
- 233. No. of distributors 1
- 234. No. of ignition coils 1
- 235. No. of spark plugs per cylinder 1
- 236. Generator, type: ~~dyno~~/alternator—number fitted 1
- 237. Method of drive Vee 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 132 (type of horsepower: b.h.p) at 5450 r.p.m.
- 251. Max. r.p.m. Not quoted output at that figure N.Q.
- 252. Max. torque 1840 lb. in at 2000 r.p.m.
- 253. Max. speed of the car 177 km./hour 110 miles/hour

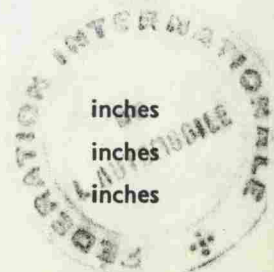


Inlet cam

S =	19.7	mm.	.774	inches
T =	13.7	mm.	.54	inches
U =	27.2	mm.	1.080	inches

Exhaust cam

S =	19.7	mm.	.774	inches
T =	13.7	mm.	.54	inches
U =	27.2	mm.	1.080	inches



DRIVE TRAIN

CLUTCH

260. Type of clutch Diaphragm 261. No. of plates 1
 262. Dia. of clutch plates 21.6 cm. 8.5 ins.
 263. Dia. of linings, inside 14.2 cm. 5.75 ins.
 outside 21.4 cm. 8.44 ins.
 264. Method of operating clutch Hydraulic

GEAR BOX (photograph H)

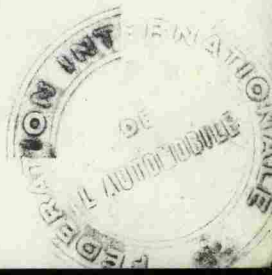
270. Manual type, make Triumph Method of operation Remote lever
 271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 4
 273. Location of gear-shift Centre tunnel
 274. Automatic, make Borg Warner type 35
 275. No. of forward ratios 3 276. Location of gear shift Centre tunnel

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth
1	3.281	$\frac{35}{22} \times \frac{33}{16}$	2.39/4.78	8,84/17.69				
2	2.100	$\frac{35}{22} \times \frac{33}{25}$	1.45/2.9	5.37/10.73				
3	1.386	$\frac{35}{22} \times \frac{27}{31}$	1/2	3.7/7.4				
4	1.00	Direct						
5								
6								
reverse	3.369	$\frac{35}{22} \times \frac{36}{17}$	2.09/4.18	7.73/15.47				

278. Overdrive, type Laycock de Normanville (Electrically operated)
 279. Forward gears on which overdrive can be selected 3rd & 4th
 280. Overdrive ratio .82

FINAL DRIVE

290. Type of final drive Hypoid 291. Type of differential Spur bevel
 292. Type of limited slip differential (if fitted in series-production) See options
 293. Final drive ratio 3.45 & 3.7 Number of teeth 38/11 & 37/10



IMPORTANT :

During the scrutineering of cars entered in group 5 (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.

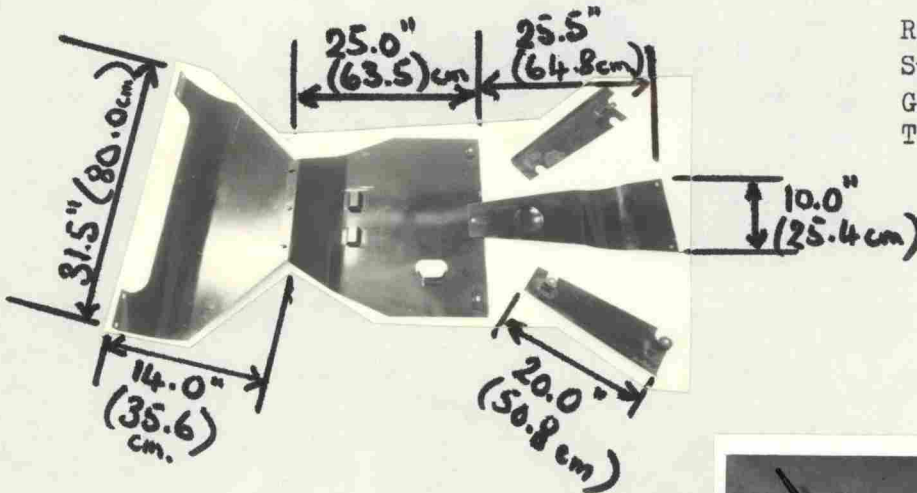
The vehicle described in this form has been subject to the following amendments :

on.....	19.....	rec. no.....	List.....	on.....	19.....	rec. no.....	List.....
on.....	19.....	rec. no.....	List.....	on.....	19.....	rec. no.....	List.....
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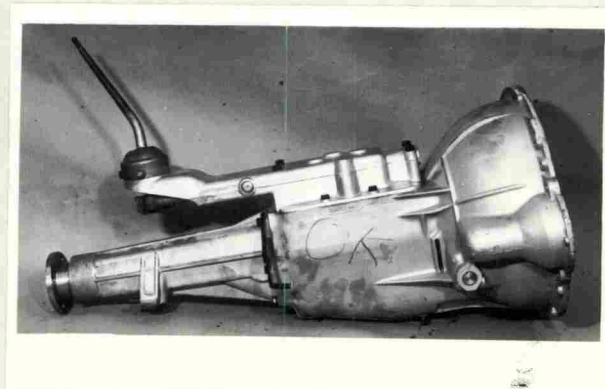
Optional equipment affecting preceding information. This to be stated together with reference number.

GRII Undershields

- Radiator. 8½ lbs. (3.8K) 306826
- Sump. 13 lbs. (5.8K) 306958
- Gearbox 4 lbs. (1.8K) 306971
- Trailing arms 3 lbs. (1.4K) 211569/71



Non overdrive
Gearbox 306757



F.I.A. REC. NO. 211569/71
 GROUP 5 (SPORTSCARS)
 TRIUMPH 2.5 P.I.

Make: Triumph

Model: 2.5 P.I.

F.I.A. Rec. No: 5333

Limited slip differential. (Friction type) Det. No. 212978

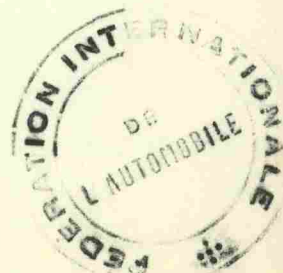
Final drive ratio: 4.1:1 (No. teeth 10 x 41) Det. No. 505014

Final drive ratio: 4.3:1 (No. teeth 10 x 43) Det. No. 502523

Final drive ratio: 4.5:1 (No. teeth 9 x 41) Det. No. 503924

Final drive ratio: 4.87:1 (No. teeth 8 x 39) Det. No. 515844

GRI





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

Manufacturer British Leyland
 Model Triumph 2.5 P.I.
 F.I.A. Recognition No. 5333
 Amendment No.

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Evolution - Group 1

Triumph 2.5 P.I. Mk. 2 - Chassis No. MG 1-
Engine No. MG1 -



Stamp of F.I.A./R.A.C. with a handwritten signature in blue ink.

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 British Leyland
 Model Triumph 2.5 P.I.
 F.I.A. Recognition No. 5333
 Amendment No. _____

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

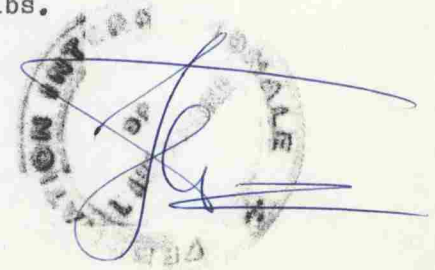
Reference No.

Evolution Group 1 (Contd.)

Triumph 2.5 P.I. Mk. 2



- 2. Front track - 1332 mm/52.5 inches (\pm 6.35 mm/0.25 inches)
- 3. Rear track - 1342 mm/52.875 inches (\pm 6.35 mm/0.25 inches)
- 4. Overall length - 462.8 mm/182.3
- 9. Weight - 1208.0 kg/2660.0 lbs.
- 42. Weight of front seats: 15.5 kg/34.0 lbs.
- 44. Front bumper weight: 7.3 kg/16.0 lbs.
- 45. Rear bumper weight: 8.5 kg/18.75 lbs.



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 British Leyland
 Model Triumph 2.5 P.I.
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Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

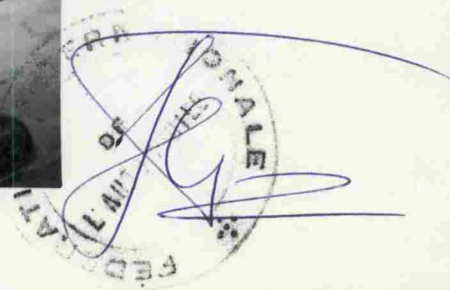
No.

Reference No.

Evolution Group 1 (Contd.)

Triumph 2.5 P.I. Mk. 2

- 51. Wheel-weight:- 7.0 kg/15.25 lbs.
- 54. Rim width:- 127.0 mm/5.0 inches
- 61. Servo-assistance - optional
- 63. Servo-assistance - 3.0/3.25
- 91. Servo-type-Lockheed 50 DA
- 96. Rear linings - 219.0 mm/8.625 inches
- 97. Rear linings - 44.0 mm/1.75 inches
- 99. Total area - rear: 21000 mm²/30.25 sq. inches
- 103. Front - 54.0 mm/2.125 inches
- 105. Total area per brake - 7740. mm² /12.0 sq. inches



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 British Leyland

Model Triumph 2.5 P.I.

F.I.A. Recognition No. 5333

Amendment No. 2/15-Gr II

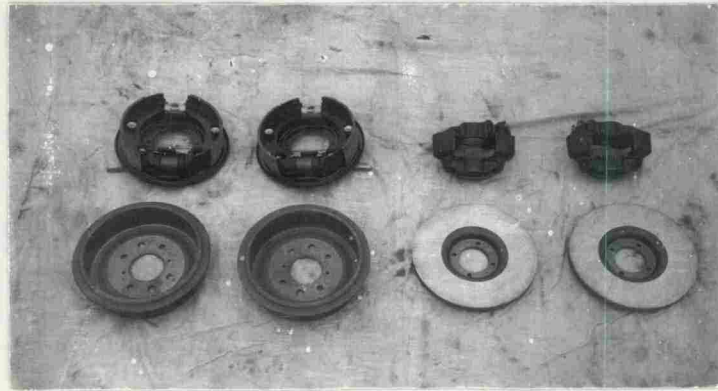
Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Optional Equipment



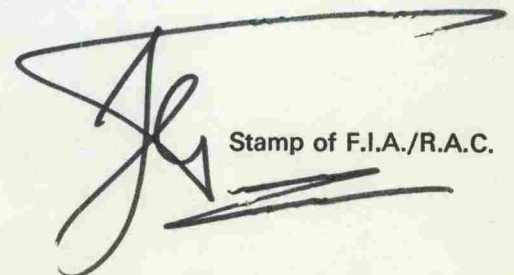
Disc Brakes Ref 216 079 + 216 131 + 216 132

- 100. 270.0 mm/10.625 inches
- 101. 14.27 mm/0.512 inches
- 102. 82.5 mm/3.25 inches approx.
- 103. 53.9 mm/2.125 inches approx.
- 105. 8890.0 mm²/13.78 sq. inches

Drum Brakes

- 95. 228.6 mm/9.0 inches
- 96. 222.1 mm/8.75 inches
- 97. 57.1 mm/2.25 inches
- 99. 25395.0 mm²/39.36 sq. inches

Date amendment is valid from 1/10/70


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 2.5 PI
F.I.A. Recognition No. 5333
Amendment No. 3/2E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
	EVOLUTION - TRIUMPH 2.5 PI
	From Commission Number MG12809
157	Number of blades of cooling fan 7
	From Commission Number MG50,001
41	Front seats, type of seat and upholstery:- separate. Expanded PVC, facings expanded PVC or broadcord nylon.
	From Engine Number MG75001E
156	Cooling fan diameter 33.0 cm 13.0 in
157	No of blades of cooling fan 13
182	Max valve lift 8.97 mm .353 in
187	Valves open at 18° BTDC
188	Valves close at 58° ABDC
197	Max valve lift 8.86 mm .349 in
202	Valves open at 58° BBDC
203	Valves close at 18° ATDC
250	Max engine output 120 BHP nett at 5000 rpm
252	Max torque 1750 lb in at 2000 rpm
253	Max speed 108 mph 174 kph
a55	<u>Inlet Cam</u> S = 20.45 mm .805 ins T = 14.22 mm .56 ins U = 28.45 mm 1.12 ins
	<u>Exhaust Cam</u> S = 20.37 mm .802 ins T = 14.22 mm .56 ins U = 28.45 mm 1.12 ins
	From Commission Number MG75604
278	Overdrive type - Laycock 'J' type
280	Overdrive Ratio - .797:1

Date amendment is valid from 1973

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



F.I.A. Recognition No. 5333
Group 1

ROYAL AUTOMOBILE CLUB
31, Belgrave Square, London, S.W.1
PRODUCTION CERTIFICATE

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Date 5th January, 1970

Manufacturer: Standard Triumph Motor Co.Ltd.

Car Model: Triumph 2.5 P.I. Saloon

Production Period From May, 1968 - Sept. 1969 to September 1969.

Monthly Production

Month/Year	Number
May - Nov. 1968	1000
Dec. 1968 - Jan 1969	1272
Feb. - Mar. 1969	1311
Apr. - May 1969	1705
June - July 1969	1390
Aug. - Sept. 1969	431
TOTAL	7109
Remarks	
Dec. 1968 - Sept. 1969	6109

I HEREBY certify that the production mentioned hereabove concerns cars which are entirely completed, identical and in conformity with the recognition form submitted for the said model

(Signature) C.S. - King

Position: Director & Chief Engineer.

