

F.I.A. Recognition No. 5160
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 Rootes Motors Ltd. Cylinder-capacity 875 cm.³ 53.4 in.³
Model Hillman Imp Californian and Singer
Serial No. of chassis/body (B.40/1/000101 Manufacturer Rootes Motors Ltd. Chamois Coupé
~~Serial No. of engine~~ (B.72/1/000101 Manufacturer Rootes Motors Ltd.
Recognition is valid from 1st July 1967 List 16/4
The manufacturing of the model described in this recognition form started on 1st September, 1966
and the minimum production of 5,000 identical cars, in accordance with the specifications of
this form was reached on 28th April 1967.

Photograph A, ¾ view of car from front



F.I.A. Stamp



R.A.C. Stamp

Make Hillman/Singer

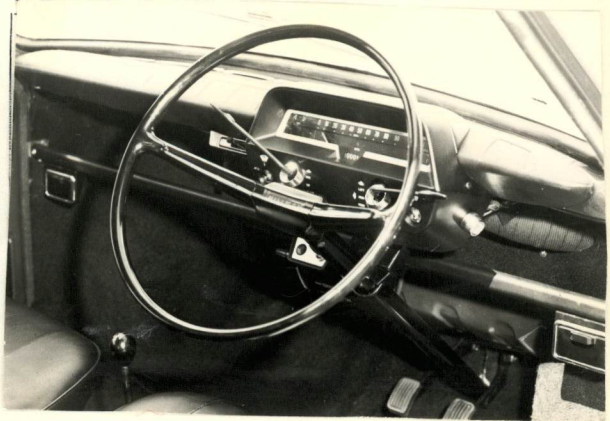
Model Imp Californian/
Chamois Coupé

F.I.A. Rec. No. 5160

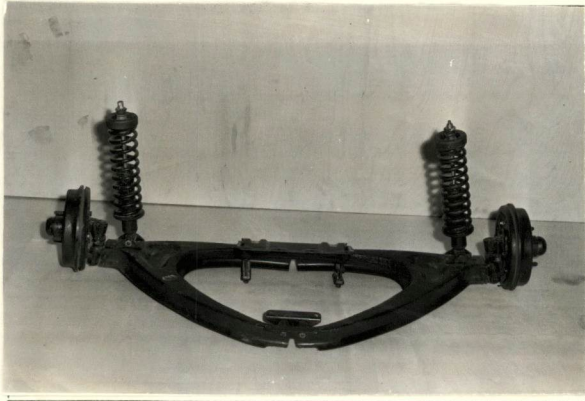
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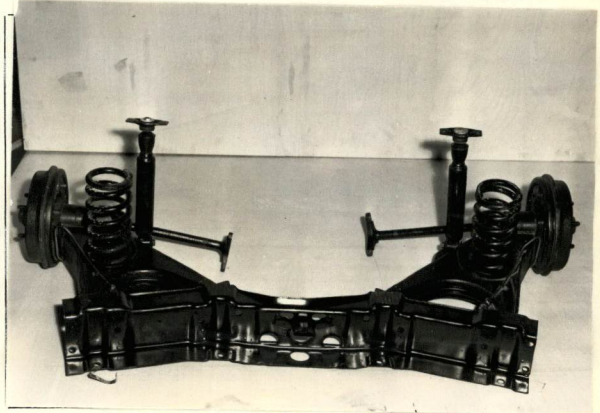
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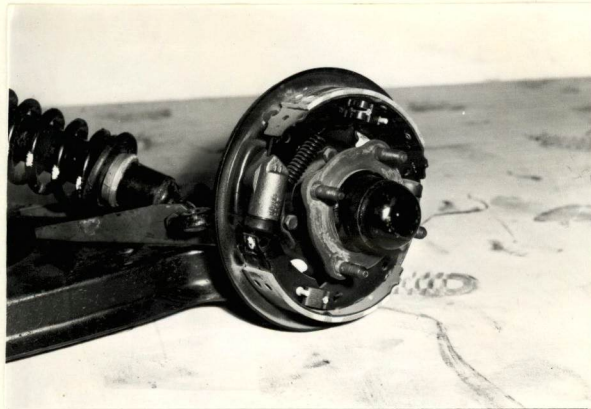
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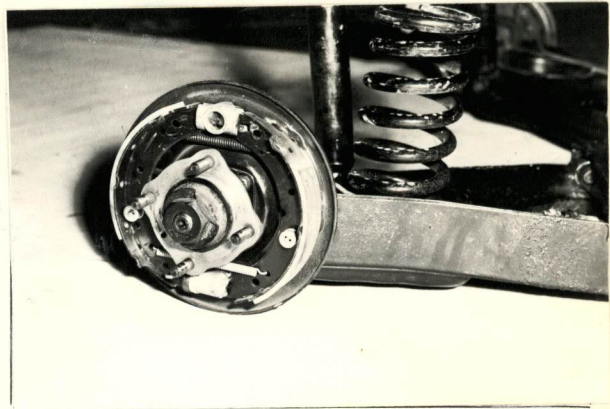
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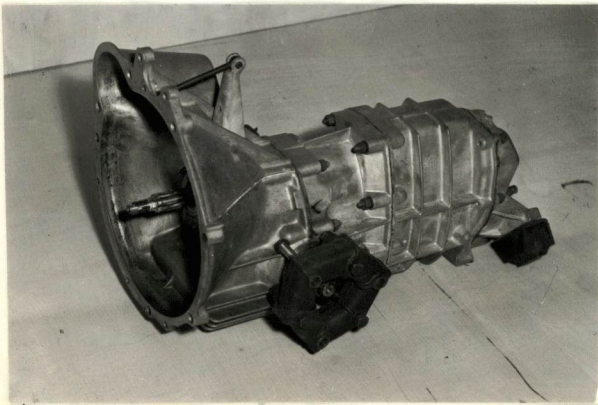
F



G



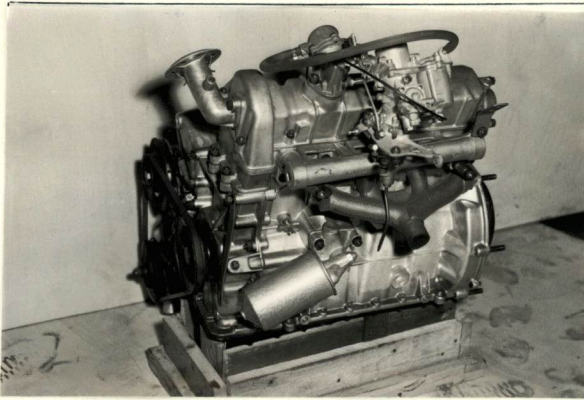
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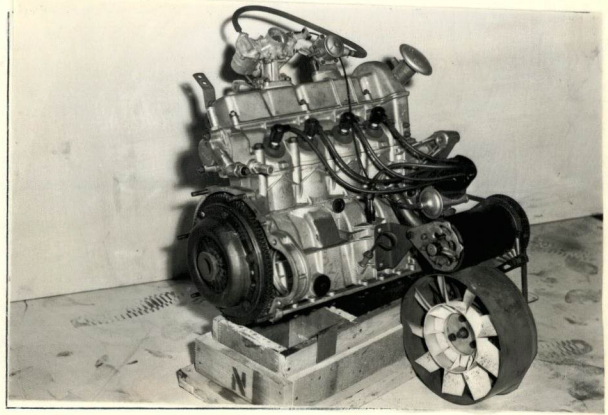
I



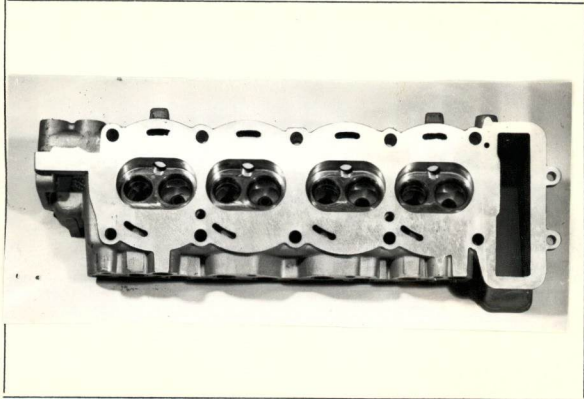
J



K



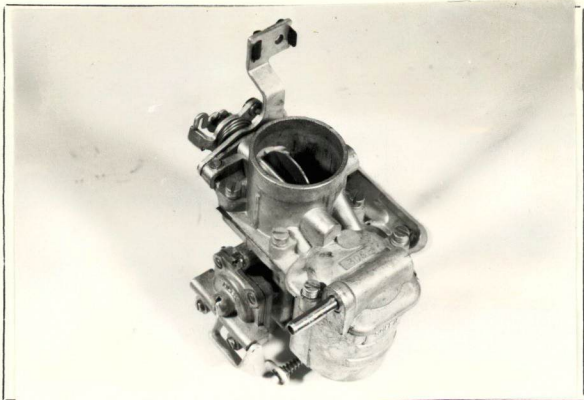
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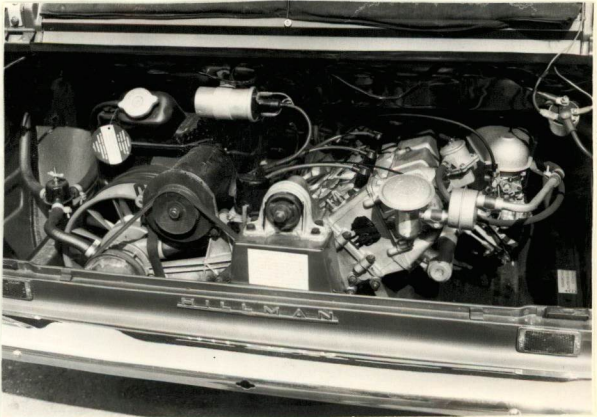
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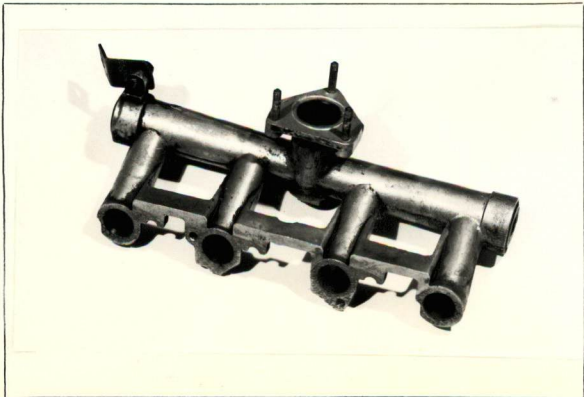
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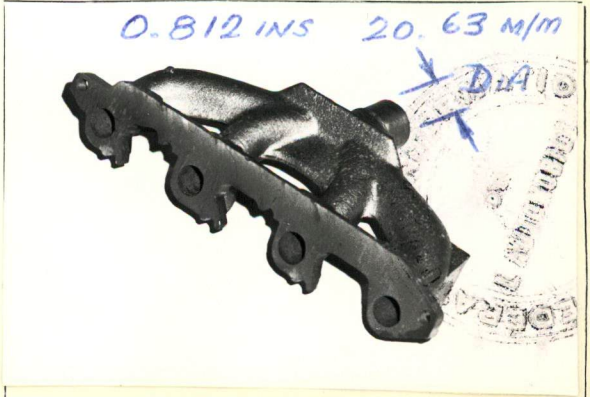
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P



Q

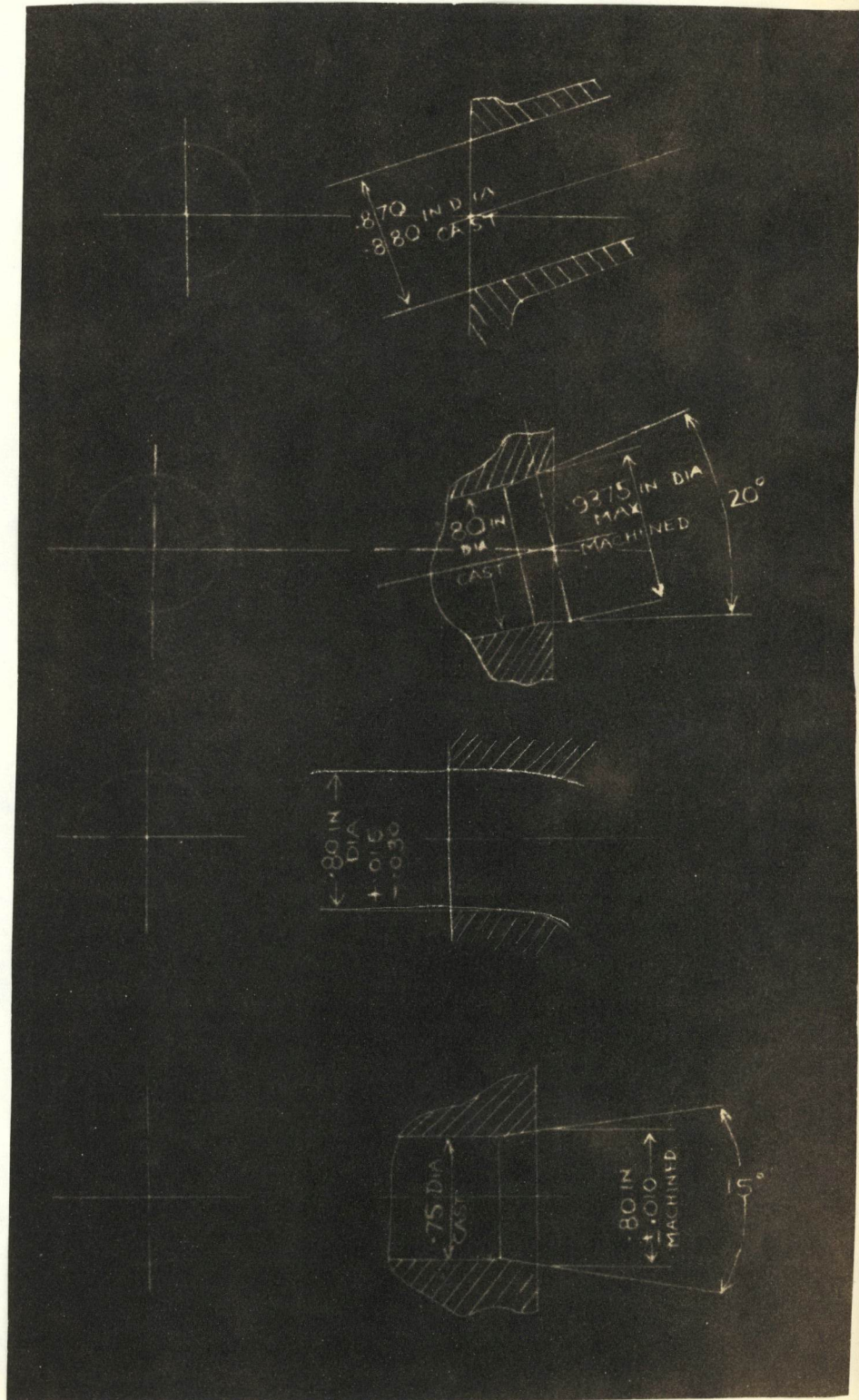


Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

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		2082.8	mm.	82	inches
2. Front track					
	1221.7 ± 12.7	mm.	48.1 ± .5	inches	
3. Rear track					
	1211.3 ± 12.7	mm.	47.7 ± 0.5	inches	



4. Overall length of the car		353.1	cm.	139.0	inches	
5. Overall width of the car		153.0	cm.	60.25	inches	
6. Overall height of the car		133.3	cm.	52.5	inches	
7. Capacity of fuel tank (reserve included)						
	27.276	ltrs.	7.2	gall. U.S.	6	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 :						
	697.17	kg.	1537	lbs.	13.723	cwts.

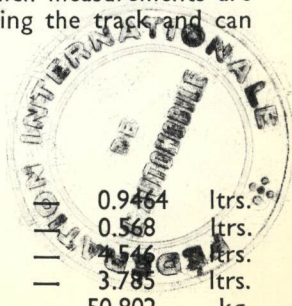
NOTE 2.

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		
1 foot/pied	—	30.4794	cm.	1 pint (pt)		
1 sq. inch/pouce carre	—	6.452	cm. ²	1 gallon Imp.	0.9464	ltrs.
1 cubic inch/pouce cube	—	16.387	cm. ³	1 gallon US	0.568	ltrs.
1 pound/livre (lb)	—	453.593	gr.	1 hundred weight (cwt.)	3.785	ltrs.
					50.802	kg.



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 **2** 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 ~~xxx~~
- 39. Air conditioning : ~~xxx~~— no
- 40. Ventilation : yes ~~xxx~~
- 41. Front seats, type of seat and upholstery **"Ambla"**
- 42. Weight of front seat(s), complete with supports and rails, out of the car : **Plastic foam underlay**

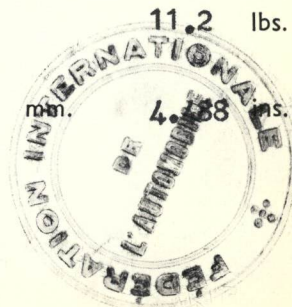
2 seats	20 kg.	44 lbs.
----------------	---------------	----------------
- 43. Rear seats, type of seat and upholstery **Vynide with plastic foam underlay**
- 44. Front bumper, material(s) **Steel** Weight **2.5** kg. **5.5** lbs.
- 45. Rear bumper, material(s) **Steel** Weight **2.324** kg. **5.125** lbs.

WHEELS

- 50. Type **Pressed steel ventilated disc**
- 51. Weight (per wheel, without tyre) **5.080** kg. **11.2** lbs.
- 52. Method of attachment **4 stud**
- 53. Rim diameter **305** mm. **12** ins. 54. Rim width **114.3** mm.

STEERING

- 60. Type **Rack and pinion**
- 61. Servo-assistance : ~~xxx~~— no
- 62. Number of turns of steering wheel from lock to lock **2.625**
- 63. In case of servo-assistance **-**



SUSPENSION

- 70. Front suspension (photograph D), type **Independent swing axle**
- 71. Type of spring **Coil**
- 72. Stabiliser (if fitted) **-**
- 73. Number of shock absorbers **2**
- 74. Type **Telescopic**
- 78. Rear suspension (photograph E), type **Independent trailing arm**
- 79. Type of spring **Coil**
- 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 **Nil**
- 92. Number of hydraulic master cylinders **1**

	FRONT		REAR	
	2		1	
93. Number of cylinders per wheel				
94. Bore of wheel cylinder(s)	17.78	mm. 0.7 inches	19.05	mm. 0.75 inches

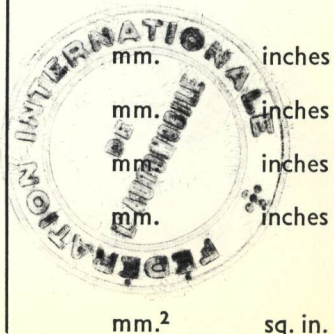
Drum Brakes

95. Inside diameter	203.2	mm. 8 inches	203.2	mm. 8 inches
96. Length of brake linings	159.5	mm. 6.28 inches	159.5	mm. 6.28 inches
97. Width of brake linings	38.1	mm. 1.5 inches	38.1	mm. 1.5 inches
98. Number of shoes per brake	2		2	
99. Total area per brake	12,162	mm. ² 18.85 sq. in.	12,162	mm. ² 18.85 sq. in.

Disc Brakes

Nil

100. Outside diameter	mm.	inches	mm.	inches
101. Thickness of disc	mm.	inches	mm.	inches
102. Length of brake linings	mm.	inches	mm.	inches
103. Width of brake linings	mm.	inches	mm.	inches
104. Number of pads per brake				
105. Total area per brake	mm. ²	sq. in.	mm. ²	sq. in.



Make **Hillman/Singer**

Model **Imp Californian/
Chamois Coupe**

F.I.A. Rec. No. **5160**

ENGINE (photographs J and K)

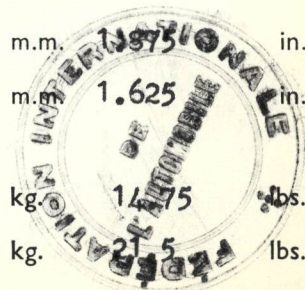
- | | | | |
|---|----------------------------------|---|------------------------------------|
| 130. Cycle | 4 stroke | 131. Number of cylinders | 4 |
| 132. Cylinder Arrangement | In line | | |
| 133. Bore | 68.0 mm. 2.677 in. | 134. Stroke | 60.375 mm. 2.374 in. |
| 135. Capacity per cylinder | | 218.75 cm. ³ | 13.35 cu. in. |
| 136. Total cylinder capacity | | 875 cm. ³ | 53.4 cu. in. |
| 137. Material(s) of cylinder block | Aluminium | 138. Material(s) of sleeves (if fitted) | Cast Iron |
| 139. Cylinder head, material(s) | Aluminium | Number fitted | 1 |
| 140. Number of inlet ports | 4 | 141. Number of exhaust ports | 4 |
| 142. Compression ratio | 10 : 1 | | |
| 143. Volume of one combustion chamber | | 20.33 ± 0.5 cm. ³ | 1.24 ± .305 in. |
| 144. Piston, material | Aluminium | 145. Number of rings | 3 |
| 146. Distance from gudgeon pin centre line to highest point of piston crown | | 27.80 to 27.67 mm. | 1.055 to 1.050 in. |
| 147. Crankshaft: grounded /stamped | | 148. Type of crankshaft: integral/ | Yes |
| 149. Number of crankshaft main bearings | 3 | | |
| 150. Material of bearing cap | Aluminium | | |
| 151. System of lubrication: dry sump /oil in sump | | | |
| 152. Capacity, lubricant | 3.1 ltrs. 5.5 pts. | 3.3 quarts U.S. | |
| 153. Oil cooler: yes /no | | 154. Method of engine cooling | Water |
| 155. Capacity of cooling system | 6.2 ltrs. 11 pts. | 6.6 quarts U.S. | |
| 156. Cooling fan (if fitted) dia. | | 25.2 cm. | 9.94 in. |
| 157. Number of blades of cooling fan | 9 | | |

Bearings

- | | | | |
|-----------------------------------|------------------------------------|-------------------|------------------|
| 158. Crankshaft main, type | Steel back lead bronze dia. | 47.62 m.m. | 1.875 in. |
| 159. Connecting rod big end, type | Lead indium overlay dia. | 41.27 m.m. | 1.625 in. |

Weights

- | | | | |
|---|------------------------------------|---------------------|---------------------------------|
| 160. Flywheel (clean) | with starter ring | 6.691 kg. | 14.75 lbs. |
| 161. Flywheel with clutch (all turning parts) | | 9.75 kg. | 21.5 lbs. |
| 162. Crankshaft | 8.959 kg. 19.75 lbs. | 163. Connecting rod | .49 kg. 1.07 lbs. |
| 164. Piston with rings and pin | | 0.259 kg. | 0.572 lbs. |



Make Hillman/Singer

Model Imp Californian/
Chamois Coupé

F.I.A. Rec. No. 5160

FOUR STROKE ENGINES

- 170. Number of camshafts **1**
- 171. Location **Overhead**
- 172. Type of camshaft drive **Roller chain**
- 173. Type of valve operation **Direct tappet**

INLET (see page 4)*

- 180. Material(s) of inlet manifold **Aluminium**
- 181. Diameter of valves **30.582 mm. 1.204 ins.**
- 182. Max. valve lift **6.09 mm. 0.24 in.**
- 183. Number of valve springs **1**
- 184. Type of spring **Coil**
- 185. Number of valves per cylinder **1**
- 186. Tappet clearance for checking timing (cold) **0.254 mm. 0.010 ins.**
- 187. Valves open at (with tolerance for tappet clearance indicated) **6° B.T.D.C.**
- 188. Valves close at (with tolerance for tappet clearance indicated) **46° .A.B.D.C.**
- 189. Air filter, type **Dry element (paper)**

EXHAUST (see page 4)*

- 195. Material(s) of exhaust manifold **Cast Iron**
- 196. Diameter of valves **27.086 mm. 1.066 ins.**
- 197. Max. valve lift **6.09 mm. 0.24 in.**
- 198. Number of valve springs **1**
- 199. Type of spring **Coil**
- 200. Number of valves per cylinder **1**
- 201. Tappet clearance for checking timing (cold) **0.254 mm. 0.010 ins.**
- 202. Valves open at (with tolerance for tappet clearance indicated) **46° B.T.D.C.**
- 203. Valves close at (with tolerance for tappet clearance indicated) **6° A.B.D.C.**

CARBURETION (photograph N)

- 210. Number of carburettors fitted **1**
- 211. Type **Semi-downdraught**
- 212. Make **Solex**
- 213. Model **30 P.I.H. 5**
- 214. Number of mixture passages per carburettor **4 circuits (Pilot, Pump, Main, Econostat)**
- 215. Flange hole diameter of exit port(s) of carburettor **30 mm. 1.181 ins.**
- 216. Minimum diameter of venturi/~~minimum diameter with piston at maximum height (example SU)~~ **22 mm. 0.866 ins.**

INJECTION (if fitted) **Nil**

- 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. ins.**

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

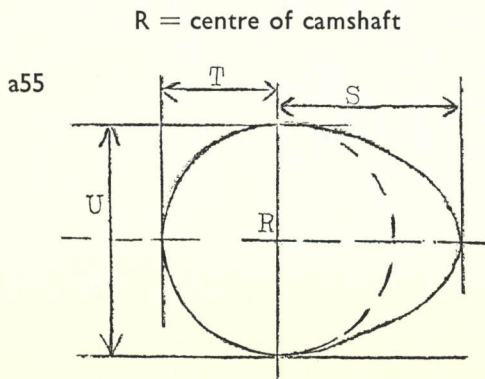


ENGINE ACCESSORIES

- 230. Fuel pump : mechanical ~~and/or 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 : dynamo/~~alternator~~—number fitted **1**
- 237. Method of drive **Belt**
- 238. Voltage of generator **12** volts
- 239. Battery, number **1**
- 240. Location **In engine compartment**
- 241. Voltage of battery **12** volts

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

- 250. Max. engine output **42** (type of horsepower: **B.H.P.**) at **5,000** r.p.m.
- 251. Max. r.p.m. **6,500** output at that figure **Not available for publication**
- 252. Max. torque **55.6** at **2,800** r.p.m.
- 253. Max. speed of the car **128** km./hour **80** miles/hour



Inlet cam

S =	17.950	mm.	0.7067	inches
T =	11.684	mm.	0.46	inches
U =	23.368	mm.	0.92	inches

Exhaust cam

S =	17.950	mm.	0.7067	inches
T =	11.684	mm.	0.46	inches
U =	23.368	mm.	0.92	inches



Make Hillman/Singer

Model Imp Californian/
Chamois Coupe

F.I.A. Rec. No. 5160

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 <u>1/7</u>	19 <u>67</u>	rec. no. <u>5160</u>	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.





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

Manufacturer Rootes Motors Ltd.
Hillman Imp Californian/
Model Singer Chamois Coupe
F.I.A. Recognition No. 5/60
Amendment No. 1

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

VARIANT - SINGER CHAMOIS COUPE

Identical in every way with Hillman Imp Californian described in Form of Recognition No. apart from minor differences in trim and exterior mouldings.

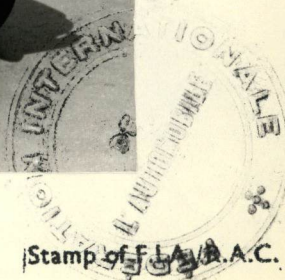
Photograph A, $\frac{3}{4}$ view of car from front.



Date amendment is valid from

1/7/67

Stamp of F.I.A. A.C.





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

Manufacturer Rootes Motors Ltd.
 Hillman Imp Californian/
 Model Singer Chamois Coupe
 F.I.A. Recognition No. 5160
 Amendment No. 2

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

VARIANT - SINGER CHAMOIS COUPE

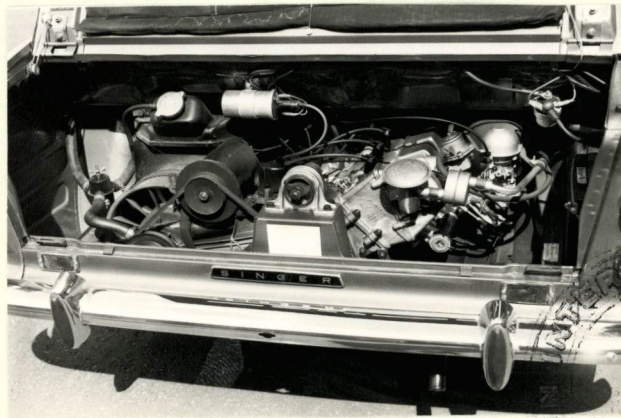
Photograph B, $\frac{3}{4}$ view of car
 from rear



Photograph C, Interior view of car
 through driver's door (door open).

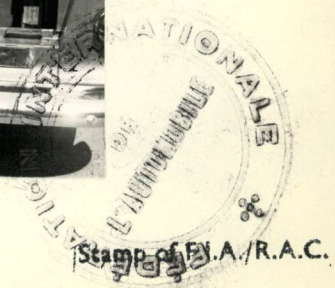


Photograph O, Engine in car with
 all accessories, (bonnet open).



Date amendment is valid from

1/7/67





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

Manufacturer Rootes Motors Ltd.
Hillman Imp Californian/
Model Singer Chamois Coupe
F.I.A. Recognition No. 500
Amendment No. 3

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

VARIANT - SINGER CHAMOIS COUPE

- | | | | |
|----|-----------------------|---|-----------------------|
| 4. | Overall length of car | 358.8 cms. | 141.25 ins. |
| 9. | <u>Weight</u> | Total weight of car with normal equipment, water, oil, and spare wheel, but without fuel or repair tools. | |
| | | 698.53 kgs. | 1540 lbs. 13.75 cwts. |

FURTHER VARIANTS

Title

Both the Hillman and Singer cars described in the annexed Form of Recognition are marketed in certain export markets under the marque name "Sunbeam".

Date amendment is valid from

1/7/67





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

Manufacturer Rootes Motors Ltd.
Hillman Imp Californian/
Model Singer Chamois Coupé
F.I.A. Recognition No. 5/60
Amendment No. 4

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No.

OPTIONAL EQUIPMENT - GROUP 2

GEARBOX

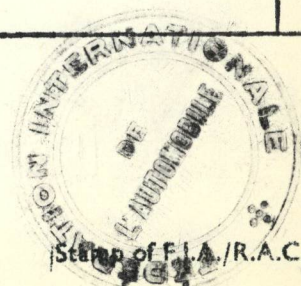
270 Manual Type, make: Rootes. Method of operation: Manual.
271 No. of gearbox ratios, forward: 4
272 Synchronised forward ratios: 4
273 Location of gear shift: Centre floor.
274 - Automatic, make and type: None
276

	Manual		Manual	
	Ratio	No. of teeth	Ratio	No. of teeth
1.	3.076	40 - 13	2.786	39 - 14
2.	1.831	33 - 18	1.631	31 - 19
3.	1.273	28 - 22	1.174	27 - 23
4.	0.923	24 - 26	0.923	24 - 26
Rev.	2.841	37 - 13	2.841	37 - 13

278 - Overdrive, etc. - none.
280

Date amendment is valid from

1/7/67



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



MOTOR SPORT DIVISION
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Manufacturer Rootes Motors Ltd.
Model Hillman Imp Californian/
Singer Chamois Coupé
F.I.A. Recognition No. 5160
Amendment No. 5

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

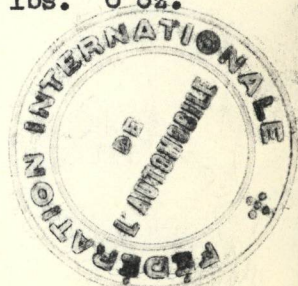
OPTIONAL EQUIPMENT - GROUP 2

Wheels

- | | |
|-----|--|
| 50. | Type: Magnesium Alloy Ventilated, Part No. 7103413 |
| 51. | Weight: (per wheel without tyre) 3.7 kgs. 8 lbs 2 oz. |
| 52. | Method of attachment: 4 stud |
| 53. | Rim diameter: 305 mm. 12 ins. |
| 54. | Rim width: 114.3 mm. 4.488 ins. |
| | |
| 50. | Type: Magnesium Alloy Ventilated, Part No. 7103414 |
| 51. | Weight: (per wheel without tyre) 3.750 kgs. 8 lbs. 4oz. |
| 52. | Method of attachment: 4 stud |
| 53. | Rim diameter: 305 mm. 12 ins. |
| 54. | Rim width: 127 mm. 5 ins. |
| | |
| 50. | Type: Magnesium Alloy Ventilated, Part No. 7103556 |
| 51. | Weight: (per wheel without tyre) 3.857 kgs. 8 lbs. 6 oz. |
| 52. | Method of attachment: 4 stud |
| 53. | Rim diameter: 305 mm. 12 ins. |
| 54. | Rim width: 141 mm. 5.5 ins. |

Date amendment is valid from

1/7/67



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



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

Manufacturer Rootes Motors Ltd.
Hillman Imp Californian/
Model Singer Chamois Coupe
F.I.A. Recognition No. 5160
Amendment No. 6

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

OPTIONAL EQUIPMENT - GROUP 2

- | | |
|-----|---|
| 50. | Type: Magnesium Alloy Ventilated, Part No. 7103557 |
| 51. | Weight: (per wheel without tyre) 3.860 kgs. 8 lbs. 7 oz. |
| 52. | Method of attachment: 4 stud |
| 53. | Rim diameter: 305 mm. 12 ins. |
| 54. | Rim width: 152.5 mm. 6 ins. |
| | |
| 50. | Type Magnesium Alloy Ventilated, Part No. 7103558 |
| 51. | Weight: (per wheel without tyre) 3.980 kgs. 8 lbs. 12 oz. |
| 52. | Method of attachment: 4 stud |
| 53. | Rim diameter: 330.2 mm. 12 ins. |
| 54. | Rim width: 114.3 mm. 4.5 ins. |
| | |
| 50. | Type: Magnesium Alloy Ventilated, Part No. 7103415 |
| 51. | Weight: (per wheel without tyre) 4.08 kgs. 9 lbs. |
| 52. | Method of attachment: 4 stud |
| 53. | Rim diameter: 330.2 mm. 13 ins. |
| 54. | Rim width: 127 mm. 5 ins. |

Date amendment is valid from

1/7/67



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Manufacturer Rootes Motors Ltd.
Hillman Imp Californian/
Model Singer Chamois Coupe
F.I.A. Recognition No. 5160
Amendment No. 7

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No.

OPTIONAL EQUIPMENT - GROUP 2

50. Type: Magnesium Alloy Ventilated, Part No. 7103416
51. Weight: (per wheel without tyre) 4.660 kgs. 10 lbs.
52. Method of attachment: 4 stud
53. Rim diameter: 330.2 mm. 13 ins.
54. Rim width: 141 mm. 5.5 ins.

50. Type: Magnesium Alloy Ventilated, Part No. 7103417
51. Weight: (per wheel without tyre) 4.730 kgs. 10 lbs. 6 oz.
52. Method of attachment: 4 stud
53. Rim diameter: 330.2 mm. 13 ins.
54. Rim width: 152.5 mm. 6 ins.

Date amendment is valid from

1/7/67



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Manufacturer Rootes Motors Ltd.
 Model Hillman Imp Californian/
 Singer Chamois Coupe
 F.I.A. Recognition No. 5160
 Amendment No. 8

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

OPTIONAL EQUIPMENT - GROUP 2

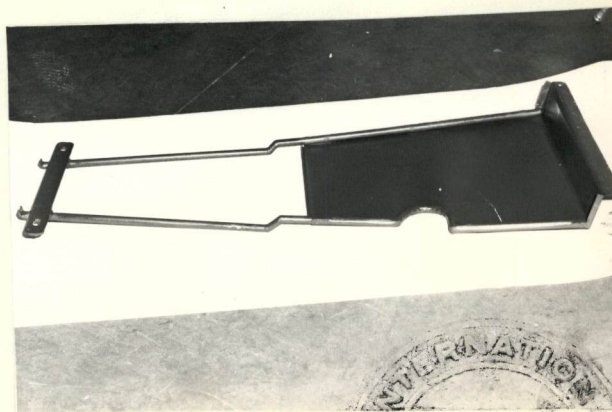
Heavy duty sump guard, Part No. 7103420

Total length 54.625 ins.
 138.7 cms.
 Length of tray: 21.25 ins.
 54 cms.
 Width of tray 24.5 ins.
 62.4 cms.
 Depth: 3.6 ins.
 9 cms.
 Width, inner edge 11.5 ins.
 of bolt holes: 29.2 cms.



Lightweight sump guard, Part No. 7103419

Total length: 46 ins.
 116.8 cms.
 Length of tray: $\frac{5}{4}$ 21.125 ins.
 53.5 cms.
 Max. width of tray: 18.125 ins.
 46.5 cms.
 Depth: 3.625 ins.
 9.1 cms.
 Width, inner edge 12.125 ins.
 of bolt holes: 30.5 cms.



Date amendment is valid from 1/7/67



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 The Royal Automobile Club,
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Manufacturer Rootes Motors Ltd.
Hillman Imp Californian/
 Model Singer Chanois Coupe
 F.I.A. Recognition No. 5160
 Amendment No. 9

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

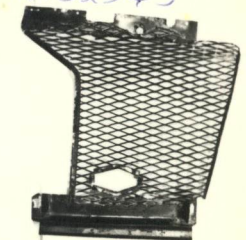
OPTIONAL EQUIPMENT - GROUP 2

- Radiator fan and water pump wire mesh stone guard, Part No. 7103412.



7103412

- Radiator protective wire mesh underguard fitted in certain export markets, Part No. 7102545.



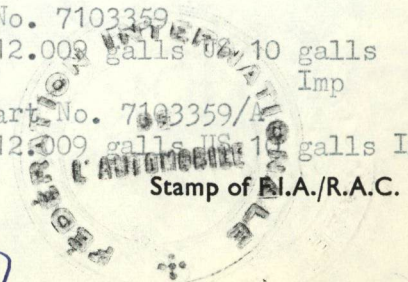
155. Radiator of increased capacity, Part No. 7102840/A
 7.67 litres 13.50 pints
 Forward mounted radiator for tropical use, Part No. 7200678
 Increase in capacity of system: 0.99 litres 1.75 pints

91. Girling Servo Assistance to brakes.

7. (i) Long range steel fuel tank, Part No. 7103359
 Capacity of fuel tank: 45 litres 12.009 galls US, 10 galls Imp
 (ii) Long range aluminium fuel tank, Part No. 7103359/A
 Capacity of fuel tank: 45 litres 12.009 galls US, 10 galls Imp

Date amendment is valid from 1st July, 1967

Hubert Chouzy



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



MOTOR SPORT DIVISION
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Manufacturer Rootes Motors Ltd.
Model Imp Californian
F.I.A. Recognition No. 5160
Amendment No. 1/1E

(i)

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

EVOLUTIONARY CHANGE

PHOTO A
 $\frac{3}{4}$ front.



PHOTO B
 $\frac{3}{4}$ rear.



&

PHOTO C
interior.



Date amendment is valid from 1/4/70 - 7/4

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Manufacturer Rootes Motors Ltd.

Model Imp Californian

F.I.A. Recognition No. 5160

Amendment No. 14E

(2)

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	<u>EVOLUTIONARY CHANGE</u>	
2.	Front track :-	1245 ± 25 mm,	49 ± 1 in.
		The average for this figure is with the pivot bolt at a height of 10½ ins, 267 mm, above the ground.	
9.	Weight :-	687kg.	1516 lbs. 13.52 cwts.
41.	Front seat type :-	Cushion frame.	
42.	Front seat weight :-	10.9 kg.	24 lbs.
43.	Rear seat type :-	Cushion frame.	
186.	Tappet Clearance :-	0.005 in.	0.127 mm.
187.	Inlet valve opens at :-	36° B.T.D.C.	
188.	Inlet valve closes at :-	76° A.B.D.C.	
202.	Exhaust valve opens at :-	43° B.B.D.C.	
203.	Exhaust valve closes at :-	3° A.T.D.C.	

Date amendment is valid from 1/4/70 - 70/4

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Manufacturer Rootes Motors Ltd.

Model Chamois Coupe

F.I.A. Recognition No. 5160

Amendment No. 11E

(3)

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

EVOLUTIONARY CHANGE

PHOTO A
 $\frac{3}{4}$ front.



PHOTO B
 $\frac{3}{4}$ rear.



&

PHOTO C
interior.



9. Weight :- 693 kg. 1525 lbs. 13.6 cwts.

All other features of this car are identical to those of the Imp Californian (69 model).

Date amendment is valid from 1/4/70 - 70/4.

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Manufacturer Rootes Motors
Model CALIFORNIAN/CHAMDIS COUPE
F.I.A. Recognition No. 5160
Amendment No. 1/1E

(4)

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

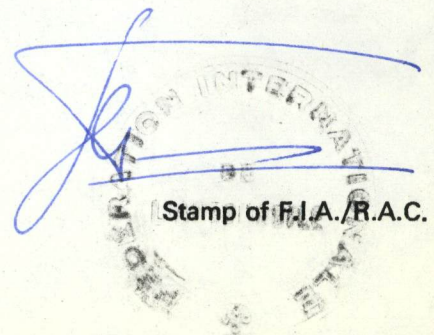
No. Reference No. EVOLUTIONARY CHANGE

277. Alternative manual gear ratios, Group 1.

<u>Ratio.</u>	<u>Teeth.</u>	<u>Gear.</u>
3.076	40 / 13	1st.
1.831	33 / 18	2nd.
1.273	28 / 22	3rd.
0.923	24 / 26	4th.
2.841	37 / 13	Reverse.

This is the alternative gear ratio set for all cars from 1969 onwards.

Date amendment is valid from 1/1/70-70/4



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Manufacturer Rootes Motors Ltd.
Model CALIFORNIAN/CHAMOIS COUPE
F.I.A. Recognition No. 5160
Amendment No. ~~10~~ 2/15 Gr II

Amendment to Form of Recognition

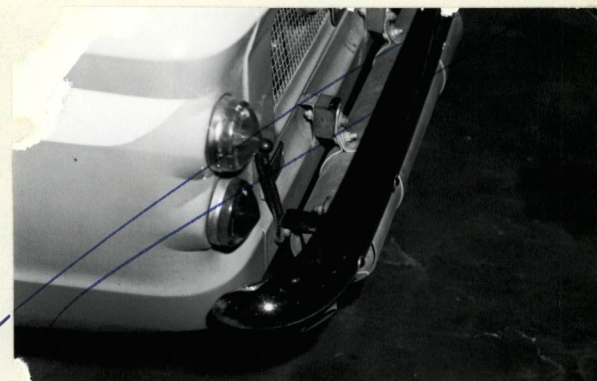
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

OPTIONAL EXTRAS (NOT VALID IN GROUP 1)

- ~~Modified Rear Bumper and Silencer Mountings. CTS 1057 - 2 off,
CTS 1058 - 2 off,~~
4. ~~Overall length of car - 359.5 cm, 141.5 in.~~



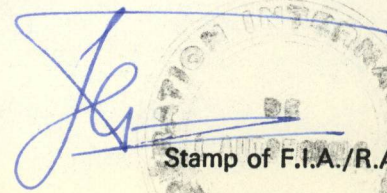
~~COMPETITION DRIVE SHAFT COUPLINGS, CTS 1104.~~

~~There is no change in transmission or weight of this item.~~

COMPETITION DRIVE SHAFT COUPLINGS, CTS 1104.

This is a stronger version of the original item, and it has 12 inserts instead of the normal 6 inserts.

Date amendment is valid from 14/70-20/4 -


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Manufacturer Rootes Motors Ltd.

Model CALIFORNIAN/CHAMOIS COUPE.

F.I.A. Recognition No. 5160

Amendment No. ~~1~~ 3256EII

Amendment to Form of Recognition

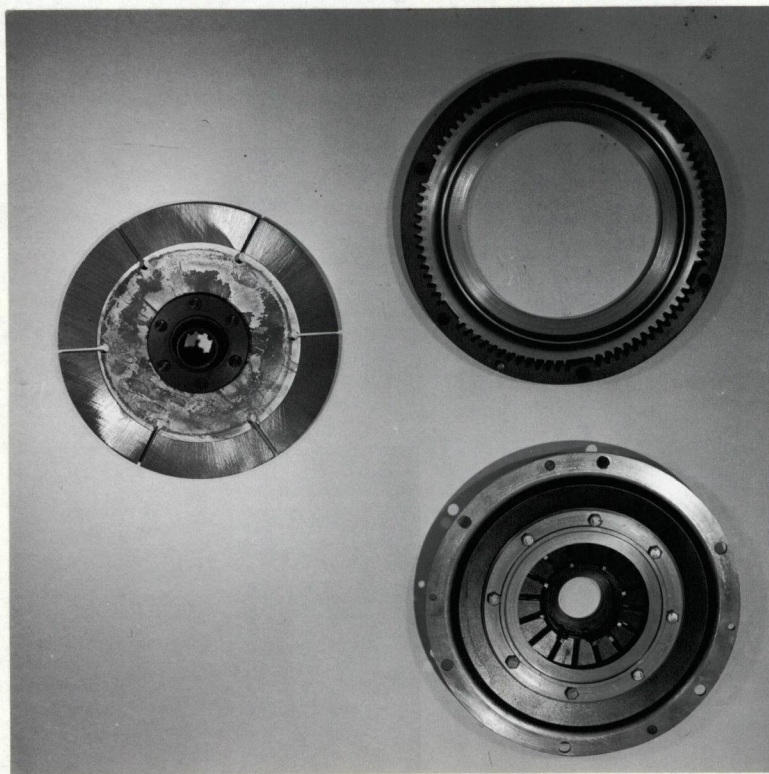
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

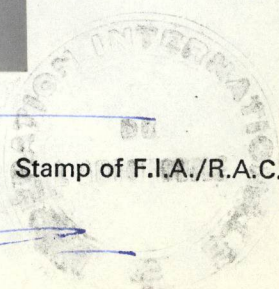
OPTIONAL EXTRAS (Not valid in Group 1)

- SINTERED RACING CLUTCH, GTS 1063.
260. Diaphragm Clutch.
261. No of plates :- 1
262. Diameter of plate :- 18.4 cm. 7.25 in.
263. Lining diameter :- I.D. 13.3 cm. 5.25 in.
O.D. 18.4 cm. 7.25 in.
264. Hydraulic Operation.



Date amendment is valid from 1/1/70 - 7/0/4

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Manufacturer Rootes Motors Ltd.
Model CALIFORNIAN/CHAMOIS COUPE
F.I.A. Recognition No. 5160
Amendment No. 14/3V-GRT

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

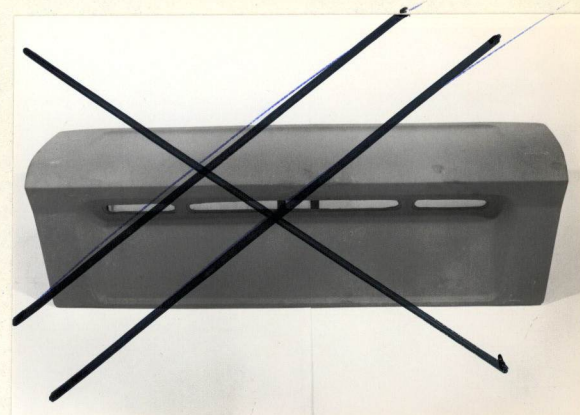
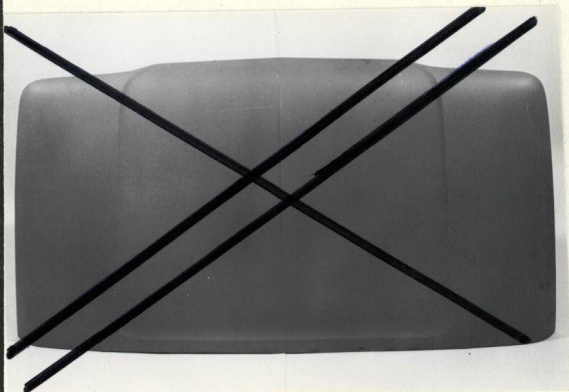
Reference No.

OPTIONAL EXTRAS (Not valid in Group 1)

~~REMOVABLE BONNET, GTS 1702.~~

~~REMOVABLE BOONIED, GTS 1707.~~

~~These parts do not change the appearance of the car in any way.~~



~~REMOVABLE WINDOWS, GTS 1703.~~

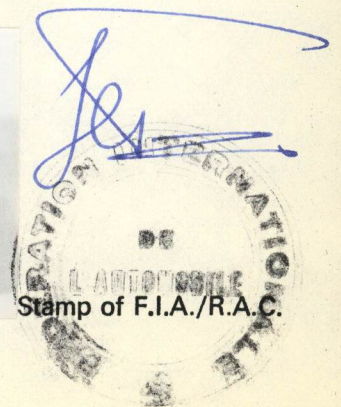
~~These are a direct replacement for the standard unit.~~

Rallye DASHBOARD UNIT, GTS 1502/3/5/6/7.



Date amendment is valid from 1/1/70

70/4



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Model CALIFORNIAN/CHAMOIS COUPE

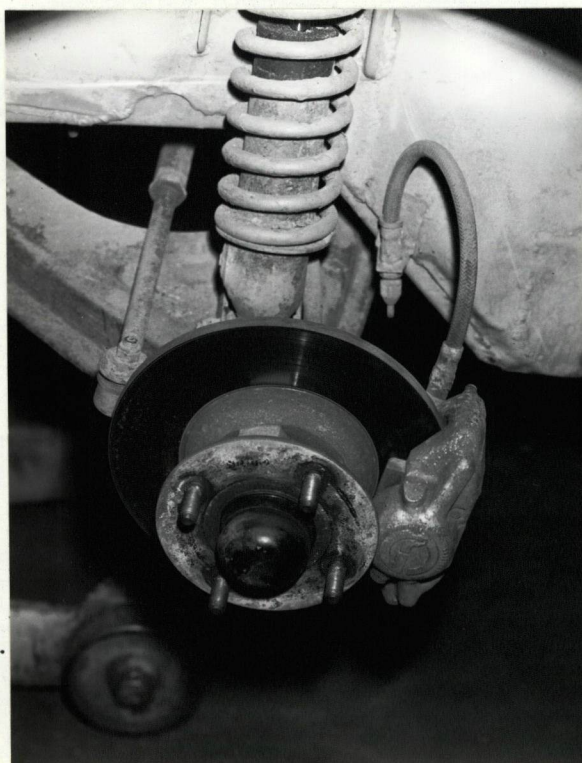
F.I.A. Recognition No. 5160

Amendment No. 15/45-GRI

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	<u>OPTIONAL EXTRAS</u> (Not valid for group 1)	
		FRONT WHEEL DISC BRAKE SET, GTS 1304.	
94.	Bore of wheel cylinders :-	4.28 cm.	1.685 in.
100.	Outside diameter of disc :-	21.35 cm.	8.4 in.
101.	Thickness of disc :-	0.964 cm.	0.380 in.
102.	Length of pad lining :-	6.02 cm.	2.38 in.
103.	Width of pad lining :-	4.30 cm.	1.70 in.
104.	Number of pads per brake :-	2	
105.	Total area per brake :-	48 cm ² .	7.42 in ² .
2.	Front Track :- Increase of	3.5 cm.	1.4 in.

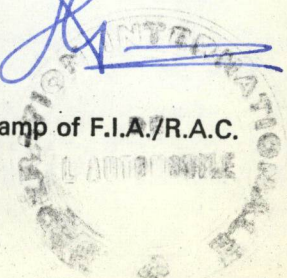


Date amendment is valid from 1/4/70

70/4

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Manufacturer Rootes Motors Ltd.
Model CALIFORNIAN / CHANDIS COUPE
F.I.A. Recognition No. 5160
Amendment No. GRI 6/55

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

OPTIONAL EXTRA (NOT VALID IN GROUP I.)

WHEEL ARCH EXTENSIONS CTS/1704

These increase the width of the car
by 5 cm. each side.

5.

Overall width of the car 163.0 cm. 64.2"

~~WHEEL ARCH EXTENSIONS CTS/1704~~

~~These increase the width of the
engine cover.~~



Date amendment is valid from.....

1/4/70 - 7/4/74

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