

F.I.A. Recognition No. 5503

Group 1. - Series Production.



# 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 1724 cm.<sup>3</sup> 105.2 in.<sup>3</sup>

Manufacturer Chrysler United Kingdom LTD Model Hillman Hunter

Serial No. of chassis/body LH or L3.059.000001. Manufacturer Chrysler United Kingdom Ltd.

Serial No. of engine " Manufacturer Chrysler United Kingdom Ltd.

Recognition is valid from..... List .....

The manufacturing of the model described in this recognition form started on 4th January 1972.

and the minimum production of 5,000 identical cars, in accordance with the specifications of  
this form was reached on 28th February 1972 - With continuing production.

Photograph A, 1/4 view of car from front



F.I.A. Stamp

R.A.C. Stamp





B



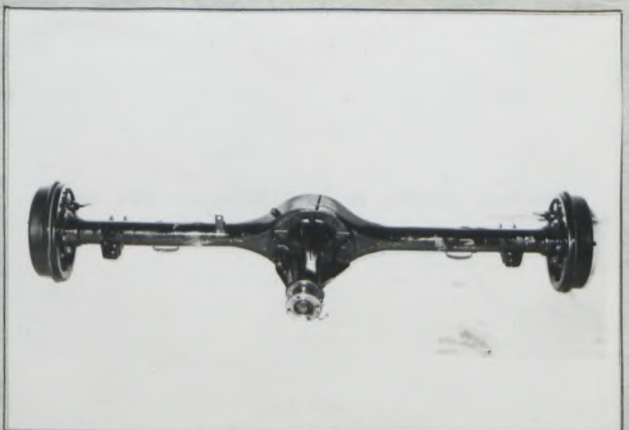
C



D



E



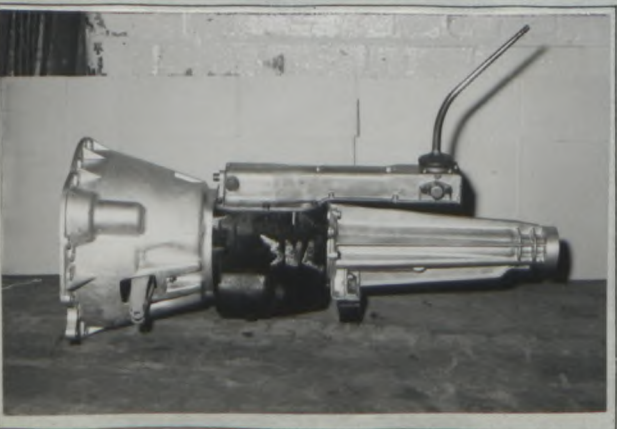
F



G



H



I

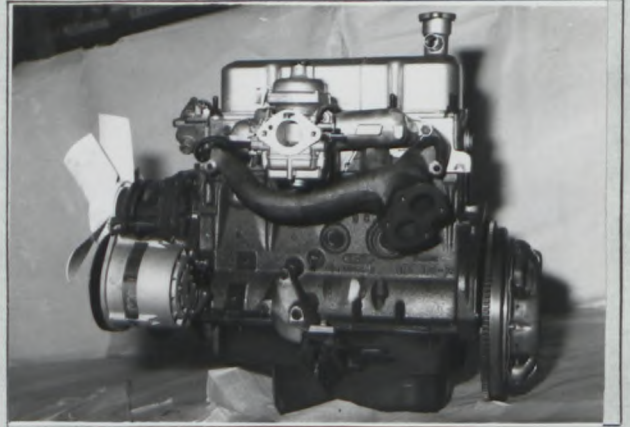




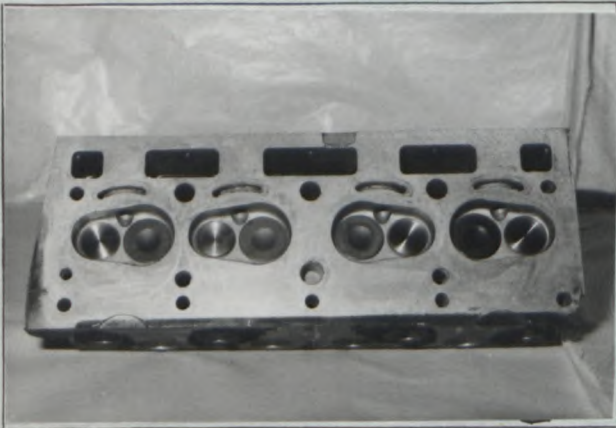
J



K



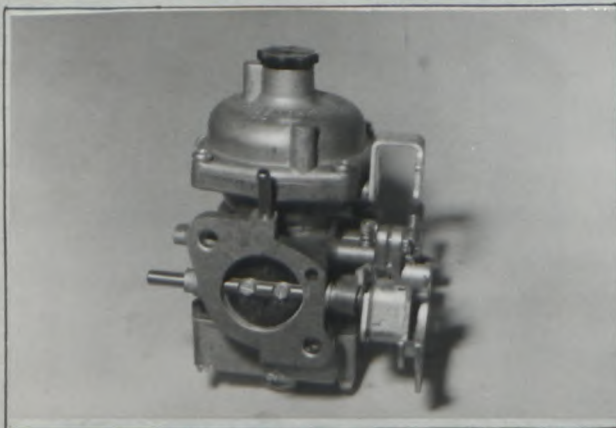
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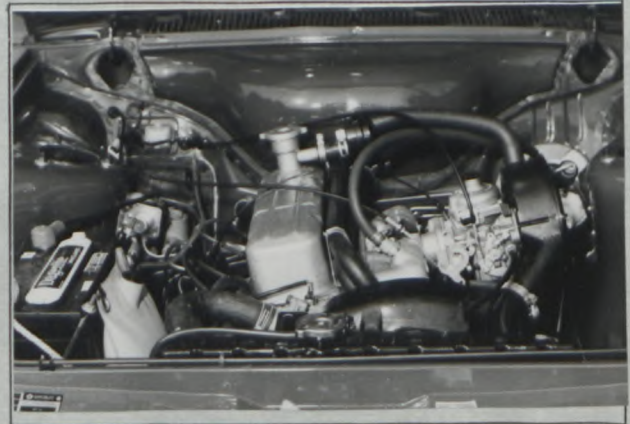
M



N



O



P



Q





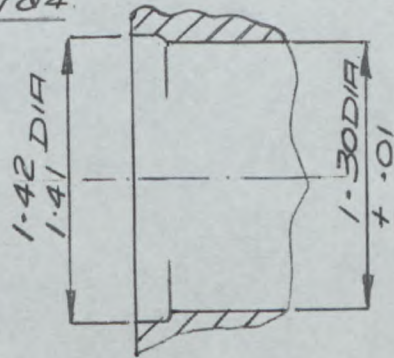
Make Hillman

Model Hunter GL

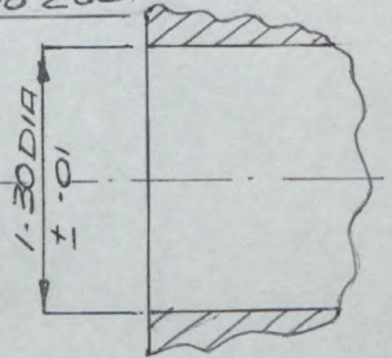
F.I.A. Rec. No. 5503

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

No 184

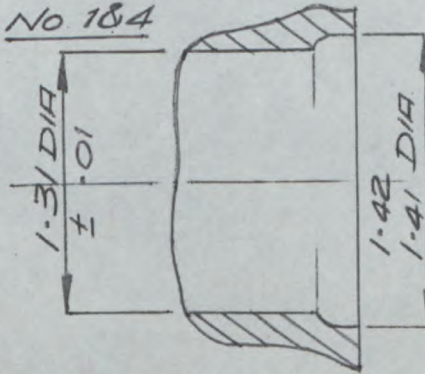


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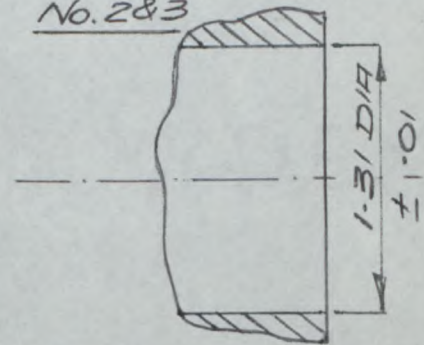


Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

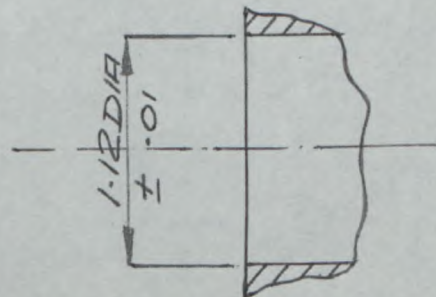
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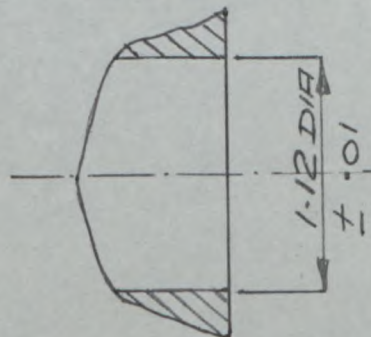
No. 283



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 Hillman

Model HUNTER GL

F.I.A. Rec. No. 5503

**NOTE 1.**

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

**CAPACITIES AND DIMENSIONS**

1. Wheelbase	2502	mm.	98.5	inches
2. Front track	1321	mm.	52.0	inches
3. Rear track	1321	mm.	52.0	inches

Bottom of sill (excluding flange) to road:-

Front:- 8.in.

Rear:- 8.in.

4. Overall length of the car	426.7	cm.	168.0	inches
5. Overall width of the car	161.3	cm.	63.5	inches
6. Overall height of the car	138.7	cm.	54.6	inches
7. Capacity of fuel tank (reserve included)	45.5	ltrs.	10	gall. U.S.      10      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:	884	kg.	1949	lbs.      17.4      cwts.

**NOTE 2.** 10: Width at front axle =      Width at rear axle =      :

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) **steel**
- 22. Separate construction, Material(s) of chassis **Not applicable**
- 23. Material(s) of coachwork **steel**
- 24. Number of doors 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 (laminated)**
- 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 ~~no~~
- 39. Air conditioning : ~~yes~~ — no
- 40. Ventilation : yes — ~~no~~
- 41. Front seats, type of seat and upholstery **Bucket-rec-lining Nylon with Ambla borders**
- 42. Weight of front seat(s), complete with supports and rails, out of the car : **10.89 kg. 24 lbs.**
- 43. Rear seats, type of seat and upholstery **Bench - nylon with Ambla borders.**
- 44. Front bumper, material(s) **steel** Weight **2.50 kg. 5.5 lbs.**
- 45. Rear bumper, material(s) **steel** Weight **2.54 kg. 5.6 lbs.**

**WHEELS**

- 50. Type **pressed steel**
- 51. Weight (per wheel, without tyre) **5.9 kg. 13 lbs.**
- 52. Method of attachment **4 stud**
- 53. Rim diameter **330.2 mm. 13 ins.** 54. Rim width **114 mm. 4½ ins.**

**STEERING**

- 60. Type **Recirculating ball**
- 61. Servo-assistance : yes — no
- 62. Number of turns of steering wheel from lock to lock **3.3**
- 63. In case of servo-assistance **-**



Make Hillman

Model Hunter GL

F.I.A. Rec. No. 5503

**SUSPENSION**

70. Front suspension (photograph D), type		Independent, strut
71. Type of spring		Coil
72. Stabiliser (if fitted)		Transverse bar
73. Number of shock absorbers	2	74. Type
		Telescopic
78. Rear suspension (photograph E), type		Live axle
79. Type of spring		Leaf, semi elliptic
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		Vacuum.		
92. Number of hydraulic master cylinders		1.		
93. Number of cylinders per wheel	2	<b>FRONT</b>	1	<b>REAR</b>
94. Bore of wheel cylinder(s)	54.0	mm. 2.125 inches	19.1	mm. .75 inches

**Drum Brakes**

95. Inside diameter		mm. - inches	229	mm. 9.0 inches
96. Length of brake linings		mm. - inches	222	mm. 8.75 inches
97. Width of brake linings		mm. - inches	44.4	mm. 1.75 inches
98. Number of shoes per brake				
99. Total area per brake		mm. <sup>2</sup> - sq. in.	18000	mm. <sup>2</sup> 27.9 sq. in.

**Disc Brakes**

100. Outside diameter	244	mm. 9.6 inches		mm. - inches
101. Thickness of disc	8.9	mm. .35 inches		mm. - inches
	8.6	mm. .34 inches		
102. Length of brake linings	78.7	mm. 3.10 inches		mm. - inches
103. Width of brake linings	47.8	mm. 1.88 inches		mm. - inches
104. Number of pads per brake	2			
105. Total area per brake	6,320	mm. <sup>2</sup> 9.8 sq. in.		mm. <sup>2</sup> - sq. in.



Make Hillman Model Hunter GL F.I.A. Rec. No. 5503

**ENGINE** (photographs J and K)

- |   |                             |   |   |
|---|-----------------------------|---|---|
| 130. Cycle  | 4 stroke                    | 131. Number of cylinders                | 4   |
| 132. Cylinder Arrangement   | In line.                    |   |   |
| 133. Bore   | 81.53 mm. 3.212 in.         | 134. Stroke                             | 82.55 mm. 3.25 in.                              |
| 135. Capacity per cylinder  |                             | 431                                     | cm. <sup>3</sup> 26.3 cu. in.                   |
| 136. Total cylinder capacity  |                             | 1724                                    | cm. <sup>3</sup> 105.2 cu. in.                  |
| 137. Material(s) of cylinder block  | Cast iron                   | 138. Material(s) of sleeves (if fitted) | -   |
| 139. Cylinder head, material(s)   | Aluminium alloy             | Number fitted                           | 1   |
| 140. Number of inlet ports  | 4                           | 141. Number of exhaust ports            | 4   |
| 142. Compression ratio  | 9.2:nominal <sup>+</sup> .5 |   |   |
| 143. Volume of one combustion chamber                                       | 38.6 <sup>+</sup> 1.2       |   | cm. <sup>3</sup> 2.36 <sup>+</sup> .08 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 |                             | 46.99                                   | mm. 1.850 in.                                   |
|   |                             | 46.86                                   | 1.845   |
| 147. Crankshaft: moulded/ <u>stamped</u>                                    |                             | 148. Type of crankshaft: integral/..... | yes   |
| 149. Number of crankshaft main bearings                                     | 5                           |   |   |
| 150. Material of bearing cap  | Cast iron                   |   |   |
| 151. System of lubrication: <del>dry sump</del> /oil in sump                |                             |   |   |
| 152. Capacity, lubricant  | 3.7 ltrs. 7.5 pts.          | -                                       | quarts U.S. with filter. (+1. Opt. with cooler) |
| 153. Oil cooler: <del>yes</del> no  |                             | 154. Method of engine cooling           | water   |
| 155. Capacity of cooling system   | 7.1 ltrs. 12.5 pts.         | -                                       | quarts U.S.                                     |
| 156. Cooling fan (if fitted) dia.   |                             | 330                                     | cm. 13 in.                                      |
| 157. Number of blades of cooling fan  | 6                           |   |   |

**Bearings**

- |                                   |       |           |            |     |
|-----------------------------------|-------|-----------|------------|-----|
| 158. Crankshaft main, type        | Shell | dia. 60.3 | m.m. 2.374 | in. |
| 159. Connecting rod big end, type | Shell | dia. 54.0 | m.m. 2.126 | in. |

**Weights**

- |   |  |       |     |      |      |
|---|--|-------|-----|------|------|
| 160. Flywheel (clean)                         |  | 9.98  | kg. | 22   | lbs. |
| 161. Flywheel with clutch (all turning parts) |  | 15.06 | kg. | 33.2 | lbs. |
| 162. Crankshaft                               | 14.52 kg. 32 lbs.                      |       |     |      |      |
| 163. Connecting rod                           | .707 kg.                               |       |     | 1.56 | lbs. |
|   | (with little end bush, bolts and nuts) |       |     |      |      |
| 164. Piston with rings and pin                |  | .617  | kg. | 1.36 | lbs. |



Make Hillman

Model Hunter GL

F.I.A. Rec. No. 5503

**FOUR STROKE ENGINES**

- 170. Number of camshafts **1**                      171. Location **RHS engine**
- 172. Type of camshaft drive **Single stage duplex chain**
- 173. Type of valve operation **Pushrod and rockers.**

**INLET** (see page 4)\*

- 180. Material(s) of inlet manifold **Aluminium Alloy**
- 181. Diameter of valves **38.18 mm. 1.503 ins.**
- 182. Max. valve lift **10.17 mm. .4003 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~~) hot **.33 mm. .013 ins.**
- 187. Valves open at (with tolerance for tappet clearance indicated) **38° BTDC**
- 188. Valves close at (with tolerance for tappet clearance indicated) **72° ABDC**
- 189. Air filter, type **Paper element**

**EXHAUST** (see page 4)\*

- 195. Material(s) of exhaust manifold **cast iron**
- 196. Diameter of valves **30.6 mm. 1.204 ins.**
- 197. Max. valve lift **10.17 mm. .4003 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~~) hot **.33 mm. .013 ins.**
- 202. Valves open at (with tolerance for tappet clearance indicated) **72° BBDC**
- 203. Valves close at (with tolerance for tappet clearance indicated) **38° ATDC**

**CARBURETION** (photograph N)

- 210. Number of carburettors fitted **1**                      211. Type **Horizontal**
- 212. Make **Zenith Stromberg**                      213. Model **150 CD**
- 214. Number of mixture passages per carburettor **1**
- 215. Flange hole diameter of exit port(s) of carburettor **38.1 mm. 1.5 ins.**
- 216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU) **25.4 mm. 1.0 ins.**

**INJECTION** (if fitted) **Not applicable**

- 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.



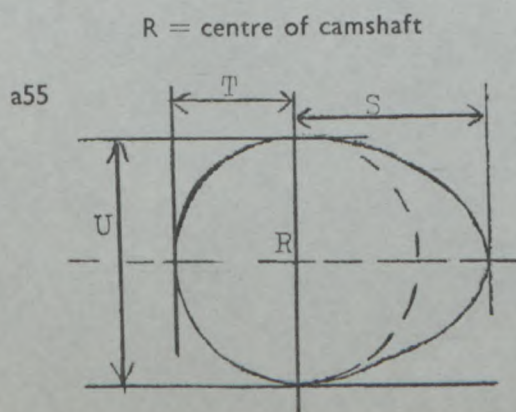
**ENGINE ACCESSORIES**

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 Engine compartment
241. Voltage of battery 12 volts

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

250. Max. engine output 82 (type of horsepower: Gross ) at 5,300 r.p.m.
251. Max. r.p.m. 6,000 output at that figure Not available
252. Max. torque 90 lb.ft at 3,000 r.p.m.
253. Max. speed of the car 141/148 km./hour 89/92 miles/hour

No 3 exhaust cam :- S = .843 in (21.41 m.m.); T = .548 (13.92 mm); U=1.10(27.94) mm



**Inlet cam**

S =	21.87	mm.	.861	inches
T =	14.38	mm.	.566	inches
U =	28.75	mm.	1.132	inches

**Exhaust cam** (except no 3)

S =	21.87	mm.	.861	inches
T =	14.38	mm.	.566	inches
U =	28.75	mm.	1.132	inches



Make Hillman Model Hunter GI F.I.A. Rec. No. 5503

**DRIVE TRAIN**

**CLUTCH**

260. Type of clutch Diaphragm 261. No. of plates 1.  
 262. Dia. of clutch plates 19.1 cm. 7.5 ins.  
 263. Dia. of linings, inside 13.7 cm. 5.38 ins.  
 outside 19.1 cm. 7.5 ins.  
 264. Method of operating clutch Hydraulic

**GEAR BOX** (photograph H)

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

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth
1	3.353	37:16	2.393	67:28	3.122	37:16		
2	2.140	31:21	1.450	67:32	1.993	31:21		
3	1.392	24:25	1.000	Direct	1.293	24:23		
4	1.000	20:29			1.000	20:27		
5								
6								
reverse	3.569	32:13	2.09	67:32	3.320	32:13		

278. Overdrive, type Laycock  
 279. Forward gears on which overdrive can be selected 3RD & 4TH  
 280. Overdrive ratio 0.797

**FINAL DRIVE**

290. Type of final drive Hypoid 291. Type of differential Bevel gear  
 292. Type of limited slip differential (if fitted) [REDACTED]  
 293. Final drive ratio 3.7 Number of teeth 37:10  
3.89 with overdrive 11 35:9



Make Hillman

Model Hunter

F.I.A. Rec. No. 5503

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

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

The following applies to all Hunter models

Heavy Duty Variant, comprising:-

Stiffer springs and dampers (no visual changes to photographs D & E)

Turret brace (joining front suspension top mountings to bulkhead)







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

Manufacturer Hillman  
Model Hunter  
F.I.A. Recognition No. 5503  
Amendment No. \_\_\_\_\_

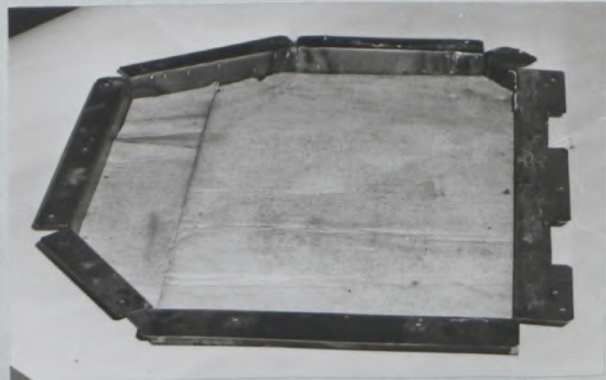
*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

Reference No.

Petrol tank shield



Brake reaction rod skid



Sump guard



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 Hillman

Model Hunter

F.I.A. Recognition No. 5503

Amendment No. ....

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

Reference No.

Engine oil cooler



Production variant - percentage of production models  
built with these bore sizes to overcome porosity:-

133	Bore:- 3.342 in	82.29 mm.	
135	Capacity per cylinder:-	439cc	26.8 in <sup>3</sup>
136	Total cylinder capacity:-	1756cc	107.2 in <sup>3</sup>

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 Hillman  
 Model Hunter 5  
 F.I.A. Recognition No. 5503  
 Amendment No. \_\_\_\_\_

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
142	Compression ratio (as a result of increased bore):- 9.2 nominal for GL and GT becomes 9.34 9.6   "       "   GLS becomes            9.76
133	Bore:-                                   3.272 in           83.06 mm
135	Capacity per cylinder:-   1791 cc           109.3 in <sup>3</sup>
142	Compression ratio (as a result of increased bore):- 9.2 nominal for GL and GT becomes 9.52 9.6 nominal for GLS becomes        9.95

Available on all Hunter models as Production Variant:-

2	Front track:-	52.5 in	1334 mm
3	Rear track:-	52.5 in	1334 mm
51	Wheel weight:-	16 lb.	7.26 kg.
54	Rim width:-	5.5 in	140 mm



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.....Hillman.....  
 Model.....Hunter.....  
 F.I.A. Recognition No. 5503  
 Amendment No. ....

*Amendment to Form of Recognition*

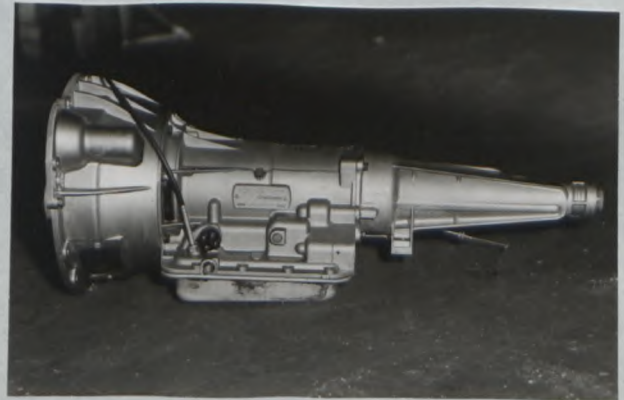
**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.                      Reference No.

Production variant - not available on Hunter GT  
and Hunter GLS

Automatic transmission  
 unit.

Vehicle weight increased by  
 22lb. 10kg.



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 Hillman  
Model Hunter  
F.I.A. Recognition No. 5503  
Amendment No.

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No.

Hunter models also marketed under the following names:-

Sunbeam

Paykaan

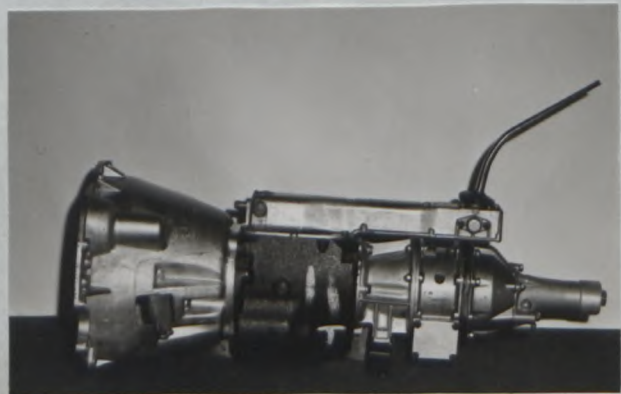
Production Variant - available on all Hunter models:-

Overdrive unit.

Vehicle weight

increased by

14 lb. 6 kg.



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 Chrysler U.K. Ltd.

Model Hillman Hunter

F.I.A. Recognition No. 5503

Amendment No. 1/1V

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.                      Reference No.                      Production Variant - Hunter G.T.

A



B & C



Date amendment is valid from 1.2.73

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







MOTOR SPORT<sup>TM</sup> DIVISION  
The Royal Automobile Club,  
31 Belgrave Square, London, S.W.1

Manufacturer Chrysler U.K. Ltd.

Model Hillman Hunter

F.I.A. Recognition No. 5503

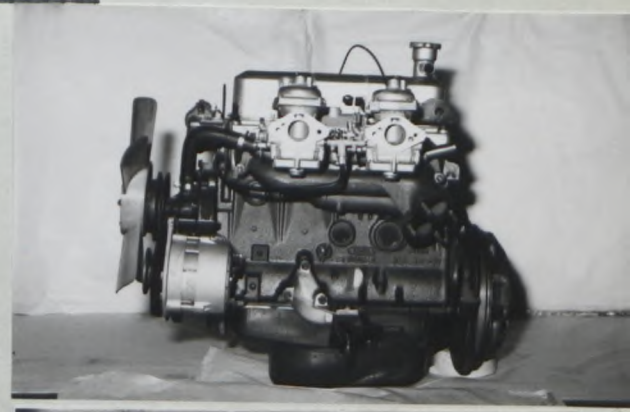
Amendment No. 1/IV

*Amendment to Form of Recognition*

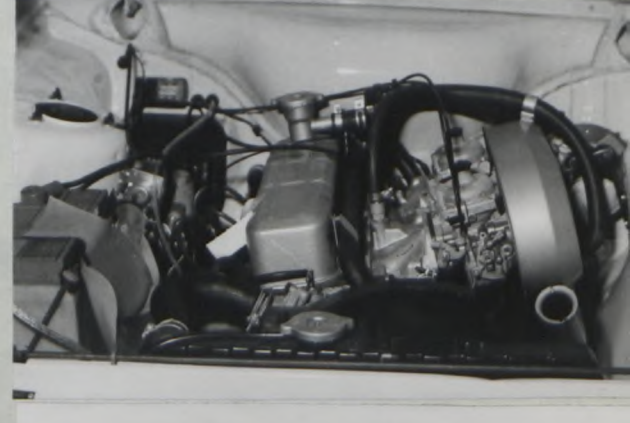
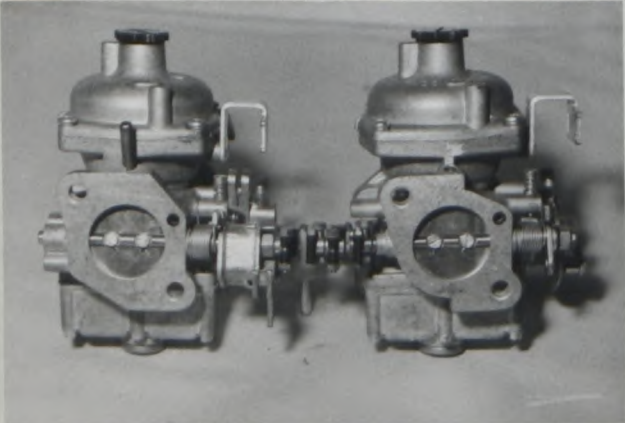
**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No. Reference No. Production Variant - Hunter G.T.

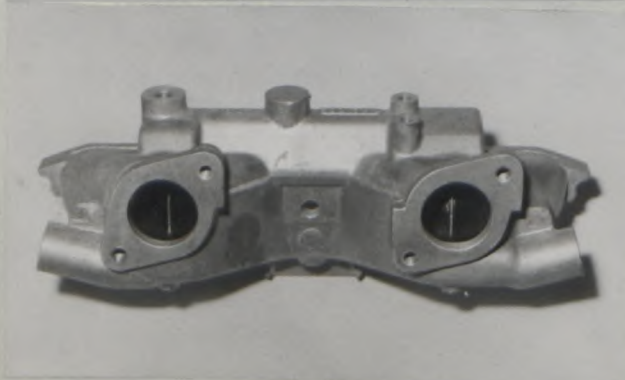
J & K



N & O

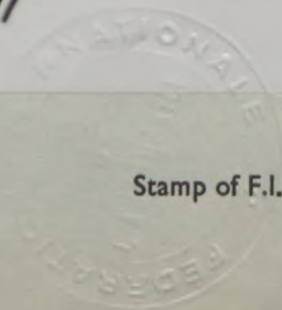


P & Q



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MOTOR SPORT DIVISION  
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Manufacturer Chrysler U.K.  
Model Hillman Hunter GT  
F.I.A. Recognition No. 5503  
Amendment No. 1/IV

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.	<u>Variant - Hunter GT</u>	<u>- All other details as Hunter GL</u>
2	Front track:	51.8 in.	1316 mm.
3	Rear track:	51.8 in.	1316 mm.
9	Weight:	2013 lb.	913 kg.
41	Front seats, type and upholstery:-	Bucket, Ambla.	
42	Weight of front seat:-	21 lb.	9.53 kg.
43	Rear seats, type and upholstery:-	Bench, Ambla.	
51	Wheel weight:	13.5 lb.	6.1 kg.
54	Rim width:	5 in.	127 mm.
156	Cooling fan diameter:	14 in.	355.6 mm. Viscous coupling drive.
157	Number of blades on cooling fan:	5	
161	Weight of flywheel with clutch:	32.3 lb.	
210	Number of carburettors fitted:-	2.	
250	Max. engine output:	90 BHP (Gross) at 5,400 RPM.	
251	Max. RPM:	6,500 Output not available.	
252	Max. torque:	93 lb.ft. at 3,300 RPM.	
253	Max. speed of car:	94/98 mph. 151/158 kph	
274	Automatic, make:	Not available.	
204	Diameter outlet orifice exhaust manifold :	1.40 in. 35.6 mm (twin outlet)	
293	Final drive ratio :	3.7 (37:10)	

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

Manufacturer Chrysler U.K. Ltd.

Model Hillman Hunter GLS

F.I.A. Recognition No. 5503

Amendment No. 2/2V

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.                      Reference No.                      Production Variant - Hunter GLS

A

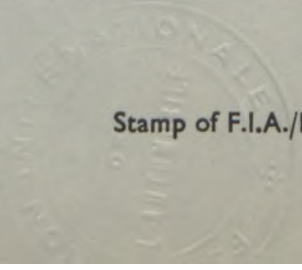


B & C



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MOTOR SPORT DIVISION  
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Manufacturer Chrysler U.K. Ltd.

Model Hillman Hunter GLS

F.I.A. Recognition No. 5503

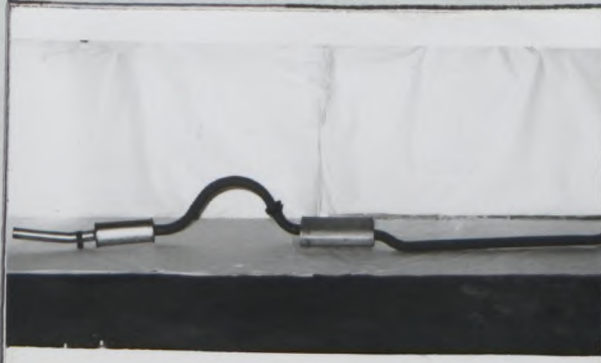
Amendment No. 2/W

*Amendment to Form of Recognition*

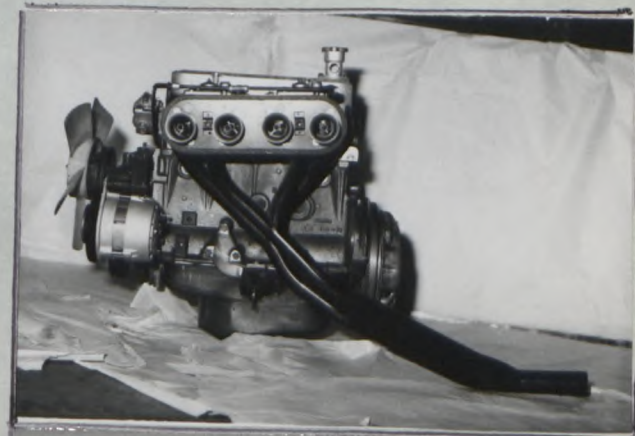
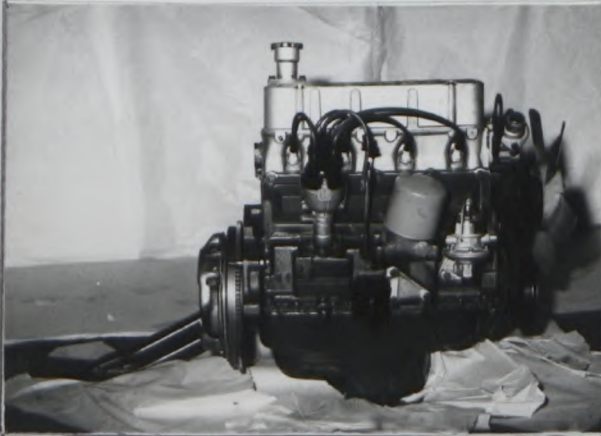
**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.                      Reference No.                      Production Variant - Hunter GLS

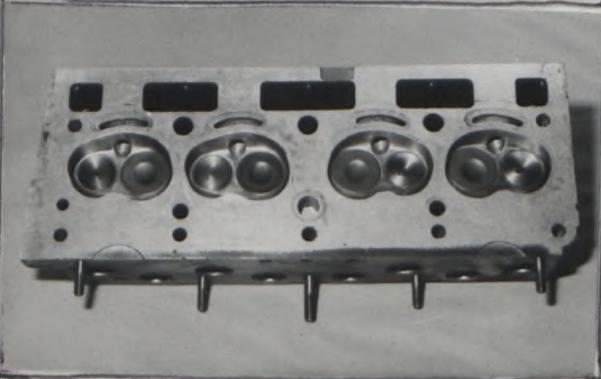
*I*



*J&K*



*L & M.*



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Manufacturer Chrysler U.K. Ltd.

Model Hillman Hunter GLS

F.I.A. Recognition No. 5503

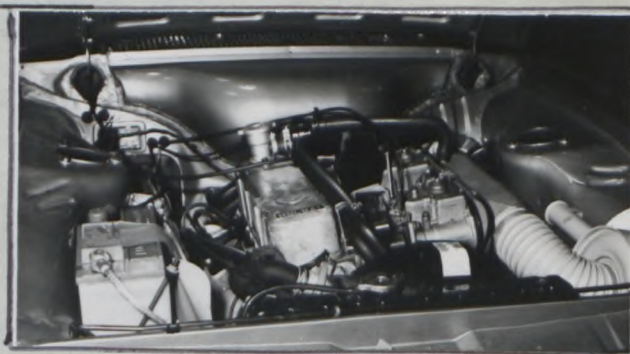
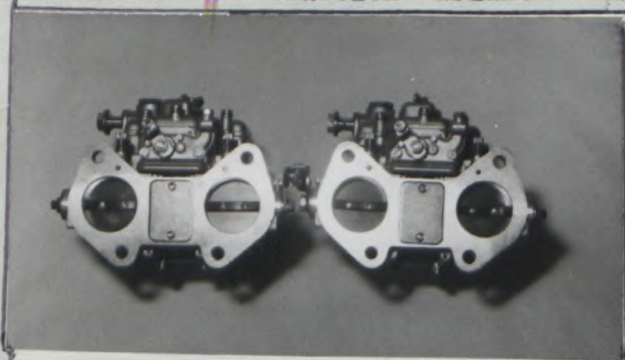
Amendment No. 2/2V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No. Production Variant - Hunter GLS

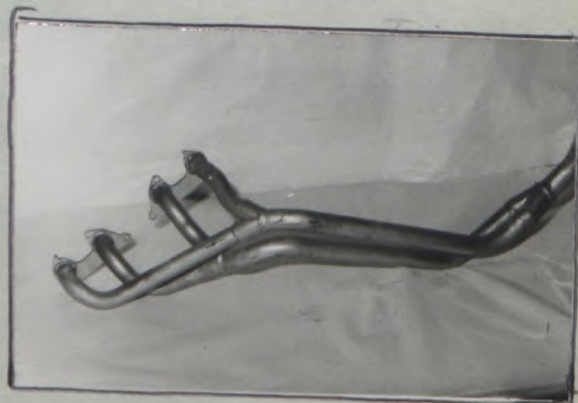
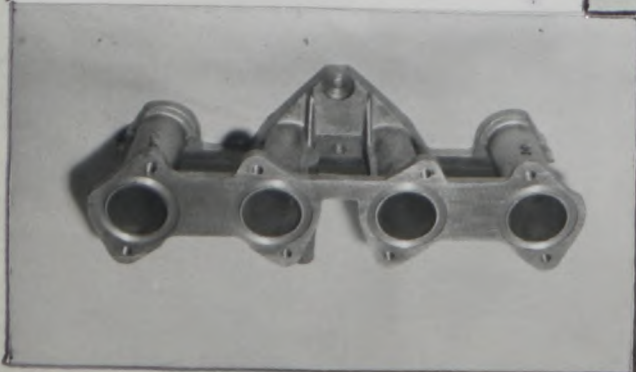
N&O



P&Q  
combined



[ P & Q  
Alternative  
Production  
Supply ]



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Manufacturer Chrysler U.K. Ltd.

Model Hillman Hunter GLS

F.I.A. Recognition No. 5503

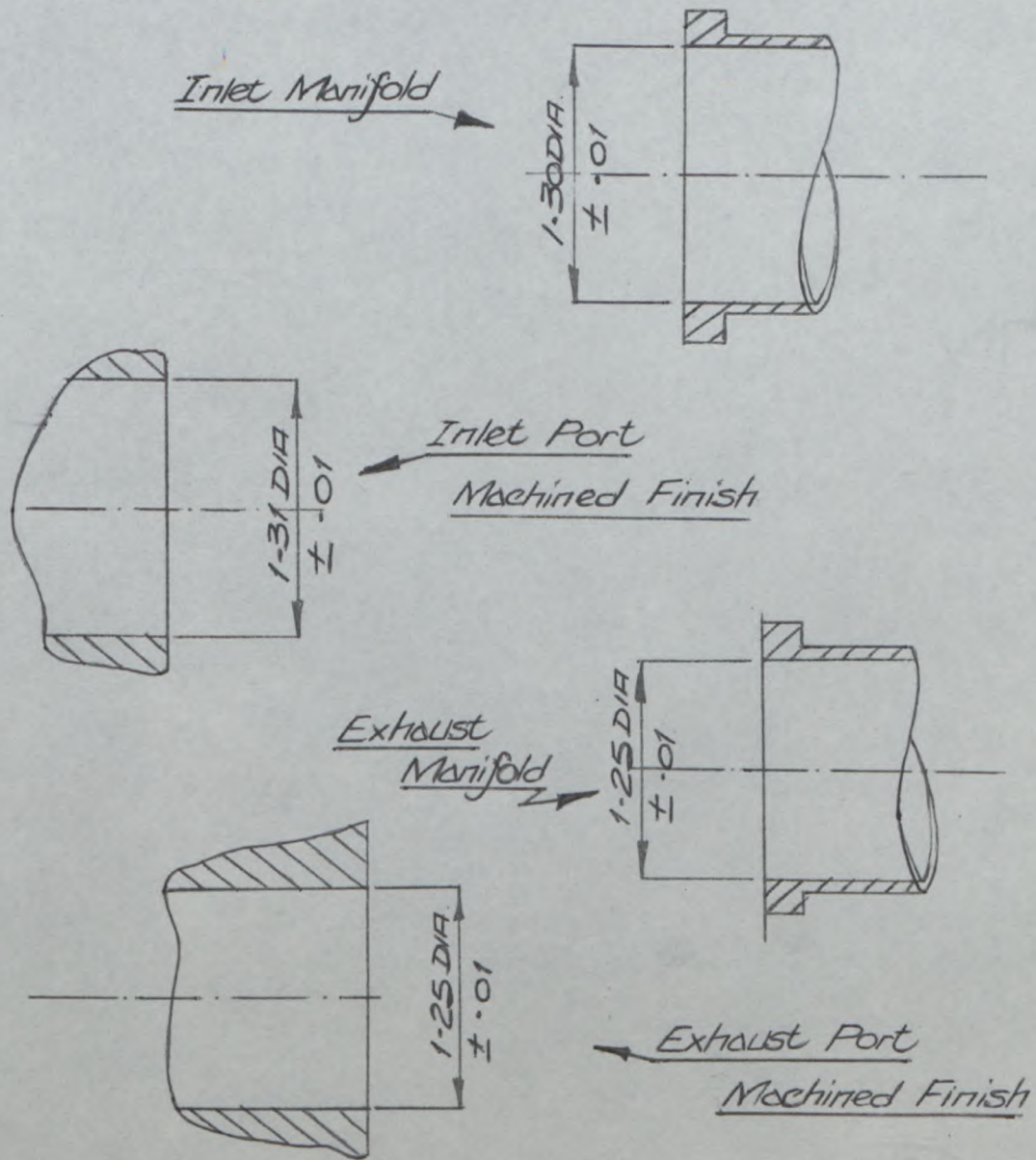
Amendment No. 2PV

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.



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The Royal Automobile Club,  
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Manufacturer Chrysler U.K. Ltd  
Model Hillman Hunter GLS  
F.I.A. Recognition No. 5503  
Amendment No. 2/2V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	Variant - Hunter GLS - All other details as Hunter GL
2	Front track:	52.5 in. 1334 mm.
3	Rear track:	52.5 in. 1334 mm.
9	Weight:	2000 lb. 907 kg.
51	Wheel weight:	16 lb. 7.26 kg.
54	Rim width:	5.5 in. 140 mm.
142	Compression ratio:	9.6 nominal $\pm$ .5
143	Volume of one combustion chamber:	41.4 $\pm$ 1.6 cc. 2.53 $\pm$ .10 cu.in.
156	Cooling fan diameter:	14 in. 355.6 mm. Viscous coupling drive.
157	Number of blades on cooling fan:	5.
160	Flywheel weight:	20.5 lb. 9.30 kg.
161	Flywheel and clutch weight:	34.2 lb. 15.51 kg.
164	Piston weight (with rings and pin):	1.14 lb. .517 kg.
180	Materials of inlet manifold:	steel. (Aluminium alloy - alternative supplier)
182	Max. inlet valve lift:	.4353 in. 11.06 mm.
183	Number of inlet valve springs:	2.
187	Inlet valves open at	58° BTDC.
188	Inlet valves close at	66° ABDC.
204	Diameter outlet orifice exhaust manifold :	1.63 in. 41.4 mm

Date amendment is valid from

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31 Belgrave Square, London, S.W.1

Manufacturer Chrysler U.K. Ltd

Model Hillman Hunter GLS

F.I.A. Recognition No. 5503

Amendment No. 2/2V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	Variant - Hunter GLS Continued
195	Material of exhaust manifold :	steel.
197	Maximum exhaust valve lift:	.4353 in. 11.06 mm.
198	Number of valve springs:	2.
202	Exhaust valves open at	84° BBDC.
203	Exhaust valves close at	40° ATDC.
210	Number of carburettors fitted:-	2.
212	Make:	Weber.
213	Model:	40 DCOE.
214	Number of mixture passages per carburettor:	2.
215	Flange hole dia. of exit ports of carburettors:	1.575 in. 40 mm.
216	Min. diameter of venturi:	1.181 in. 30 mm.
250	Max. engine output:	110 BHP (Gross) at 5,200 RPM.
251	Max. RPM:	7,000. Output not available.
252	Max. torque:	106 lb. ft. at 4,000 RPM.
253	Max. speed of car:	99/103 mph. 159/166 kph.

Date amendment is valid from .....

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Manufacturer Chrysler U.K. Ltd

Model Hillman Hunter GLS

F.I.A. Recognition No. 5503

Amendment No. 2/21

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No. Variant - Hunter GLS - continued.

277

Camshaft details.

	S	T	U
Inlet cam.	.863 in.21.92mm.	.543 in.13.79 mm.	1.086in.27.59mm
Exhaust cam. (except no 3)	.863 in.21.92mm.	.543 in.13.79 mm.	1.086in.27.59mm
No 3 exhaust cam.	.845 in.21.41mm.	.525 in.13.34 mm.	1.050in.26.67mm

262

Diameter of clutch plates: 8.5 in. 216 mm.

263

Diameter of linings, inside: 5.76 in. 146.3 mm.  
outside: 8.5 in. 216 mm.

274

Automatic, make: Not available.

Date amendment is valid from

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Manufacturer Chrysler U.K Ltd.  
Model Hillman Hunter  
F.I.A. Recognition No. 5503  
Amendment No. 3/3V

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

Reference No. Supply Variant - all models

A percentage of the production models are now fitted with a cast aluminium sump as an alternative to the steel sump shown in photographs J and K. This aluminium sump was previously fitted to all Hunters for the domestic market. (prior to this model)

Part No:- 71.238.415

Weight:- 5.3 Kg 11.7 Lb.



Date amendment is valid from... 1.7.73

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Manufacturer Chrysler UK Ltd  
Model Hillman Hunter  
F.I.A. Recognition No. 5503  
Amendment No. 4/1E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

Reference No.

Evolutionary Change

101

Thickness of disc:- 10.0/9.8 mm.

.395/.385 in.

Date amendment is valid from 1.7.73

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Manufacturer Chrysler UK Ltd.  
Model Hillman Hunter  
F.I.A. Recognition No. 5503  
Amendment No. 5/2E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.	Reference No.
277.	<u>Erratum.</u> <i>Alternative gear ratios</i>  3 <sup>RD</sup> gear:- 1.293 24:25 (incorrectly quoted as 24:23)

Date amendment is valid from 1773

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





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Manufacturer *Chrysler UK Ltd*  
Model *Hillman Hunter*  
F.I.A. Recognition No. *5503*  
Amendment No. *6/3E*

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

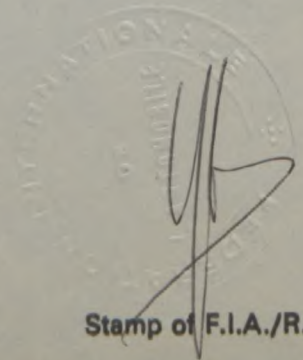
No.

Reference No. *Erratum - Hunter GLS only*

*The term "Machined Finish" used for inlet and exhaust cylinder head ports should be "Hand Finished."*

Date amendment is valid from *17 73*

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MOTOR SPORT DIVISION  
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Manufacturer Chrysler U.K. Ltd.  
Model Hillman Hunter GLS  
F.I.A. Recognition No. 5503  
Amendment No. 7/hv

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

No.

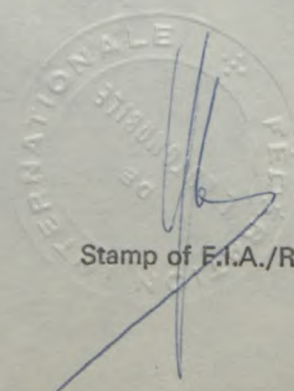
Reference No. *Production Variant - Hunter GLS*

*Strengthening webs added to inlet pipes to prevent fracture and possible loss of brake servo operation. - steel manifold only. -*

*~~Electrical evolution~~ - performance and main characteristics remain unchanged.*



Date amendment is valid from 1.1.76



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