

F.I.A. Recognition No. 5137
Group 1 - ~~Special~~ ^{Series} Production Touring Cars



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 Vauxhall Motors Limited Cylinder-capacity 1159 cm.³ 70.7 in.³
Model Viva/Epic 'SL 90' '67.
Serial No. of chassis/body HBH 7500001 Manufacturer Vauxhall
Serial No. of engine HB 22 2001 Code 460 Manufacturer Vauxhall
Recognition is valid from 1st Jan. 1967 List 15/2
The manufacturing of the model described in this recognition form started on 8th August 1966
and the minimum production of 5000 identical cars, in accordance with the specifications of
this form was reached on "22-11-66 1966

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



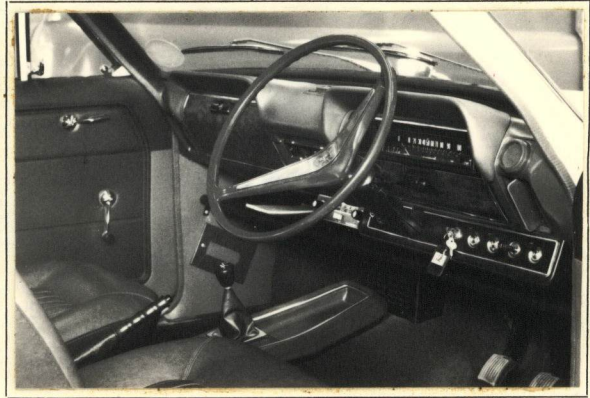
F.I.A. Stamp



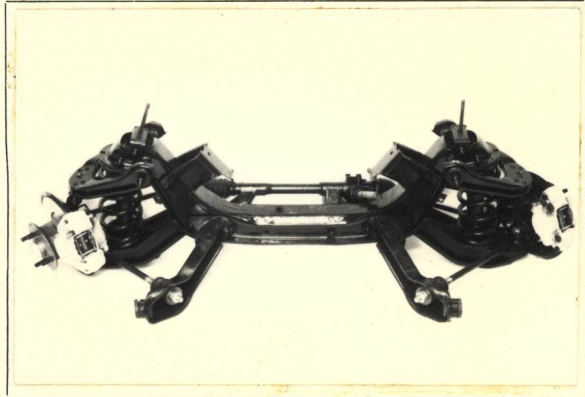
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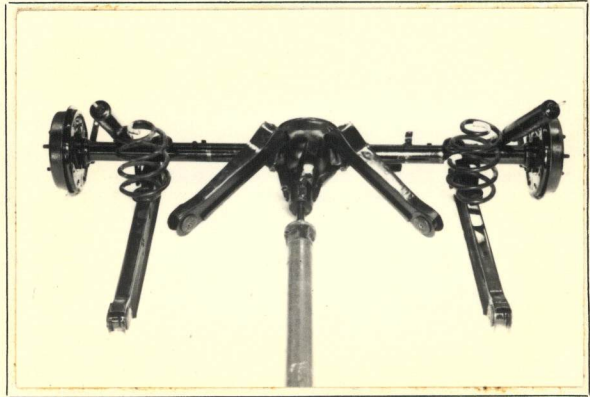
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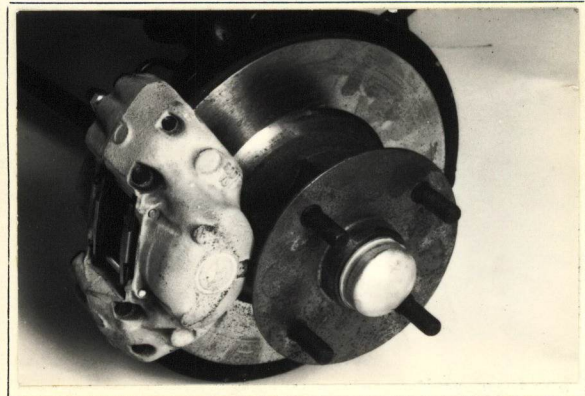
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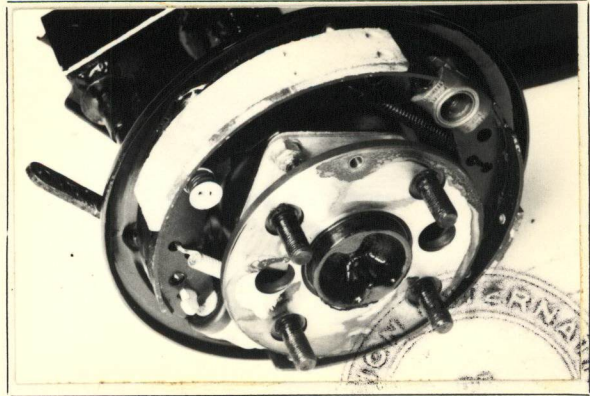
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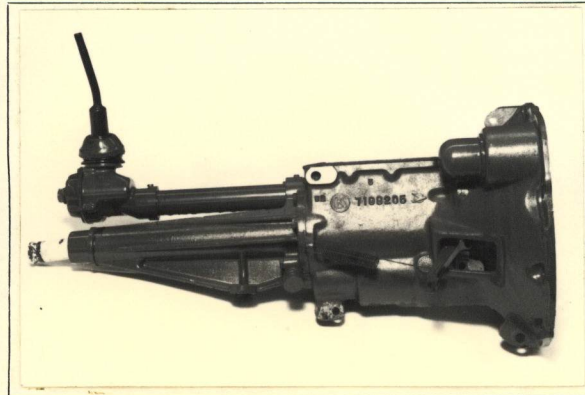
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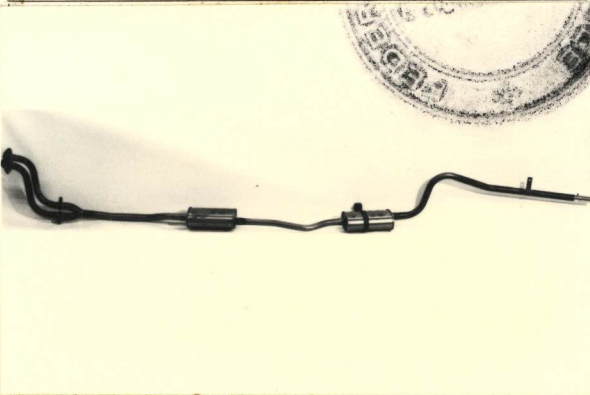
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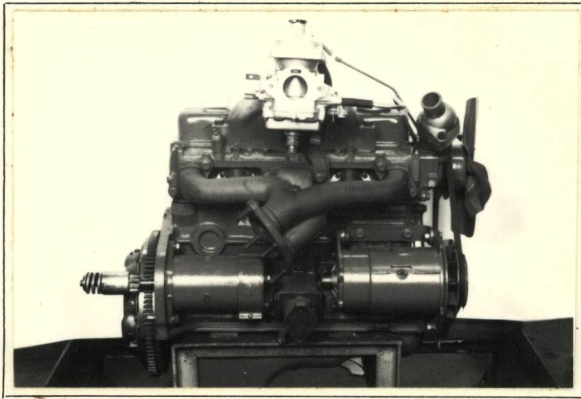
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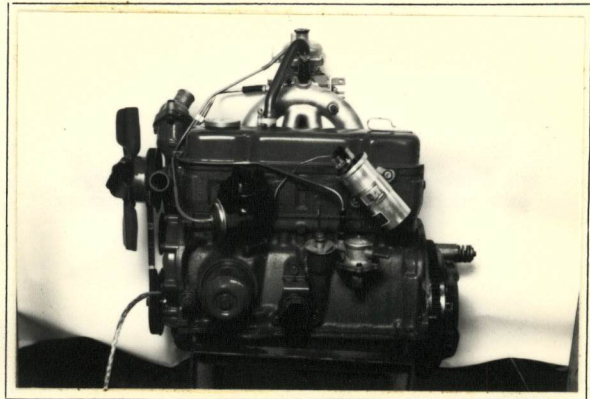
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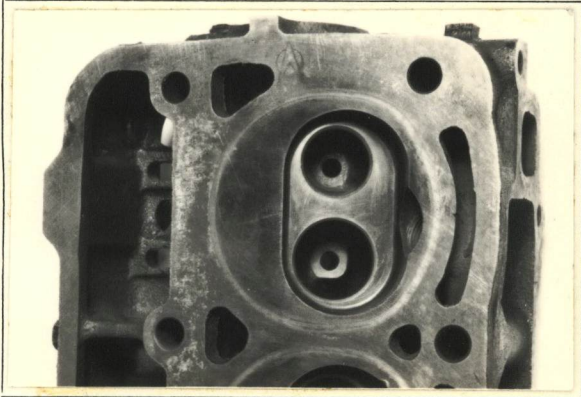
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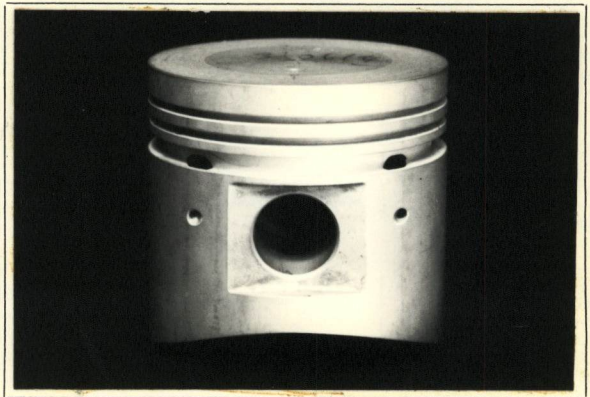
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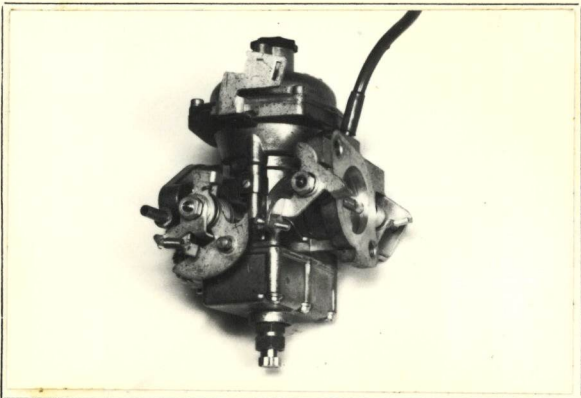
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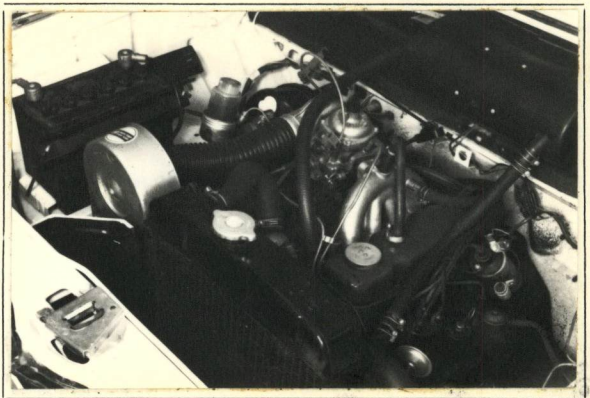
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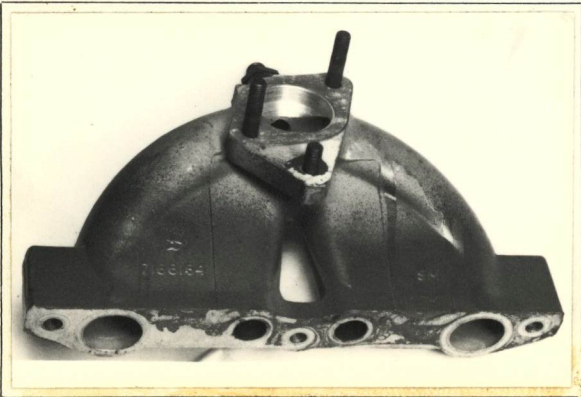
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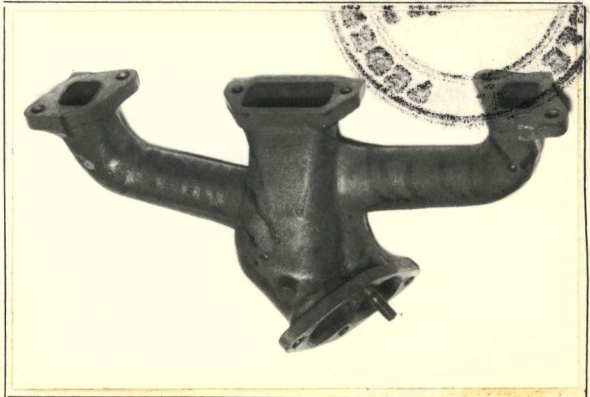
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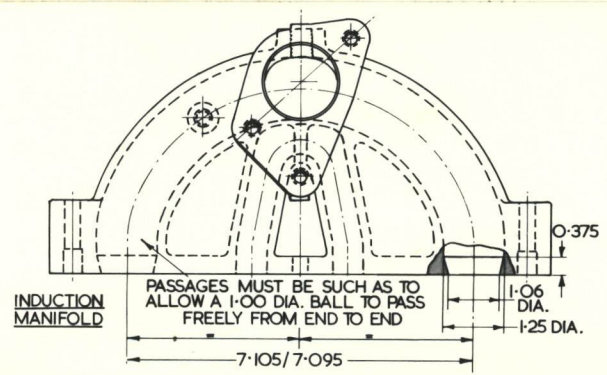
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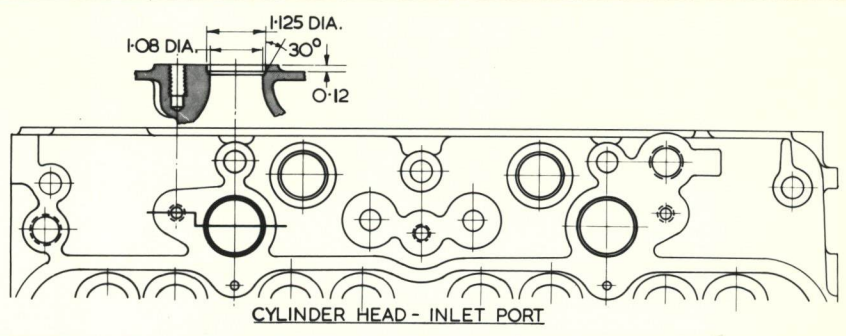
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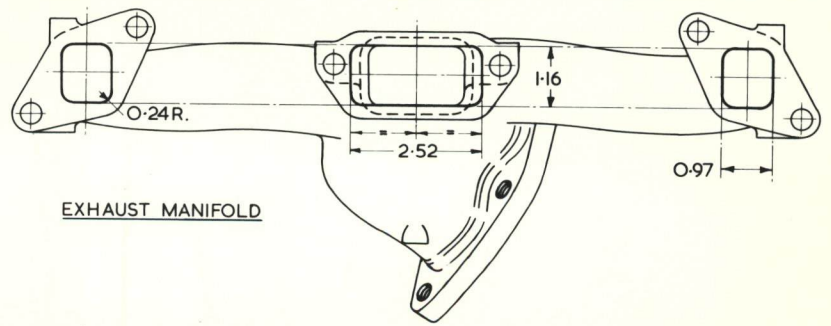
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



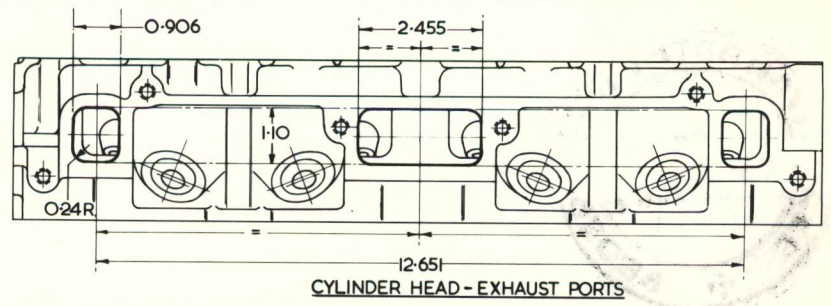
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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.



Allowable variation on dimensions is $\pm .25$ mm. $\pm .01$ in. unless otherwise specified.

NOTE 1.

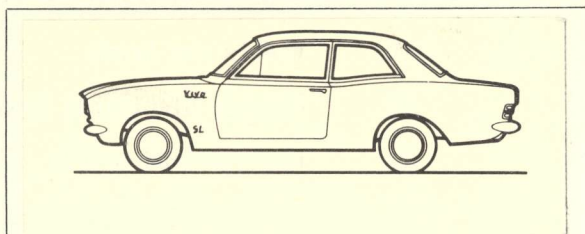
All dimensions must be given in two measuring systems, see Note 3.

CAPACITIES AND DIMENSIONS

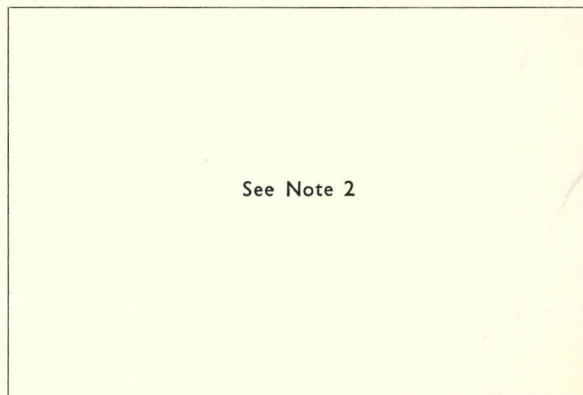
- | | | |
|----------------|---------------|-------------|
| 1. Wheelbase | 2433.3 mm. | 95.8 inches |
| 2. Front track | | |
| | 3. Rear track | |

1295 mm. 51.0 inches

1295 mm. 51.0 inches



Rocker Panel to Ground
Front and Rear 223.5 mm. 8.8 in.



- | | | |
|--|-------------|--------------------------------|
| 4. Overall length of the car | 409.45 cm. | 161.2 inches |
| 5. Overall width of the car | 160.02 cm. | 63 inches |
| 6. Overall height of the car | 137.41 cm. | 54.1 inches |
| 7. Capacity of fuel tank (reserve included) | | |
| | 36.37 ltrs. | 9.61 gall. U.S. 8.0 gall. Imp. |
| 8. Seating Capacity. Four | | |
| 9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools : | | |
| | 780.6 kg. | 1721 lbs. 15.37 cwt. |

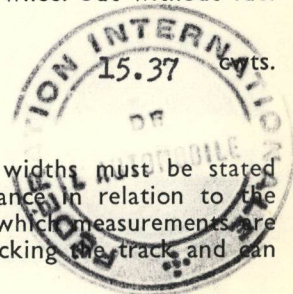
NOTE 2.

Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concerned. Specify ground clearance in relation to the track and give drawing of two easily recognisable points at front and rear at which measurements are taken. These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.

NOTE 3.

CONVERSION TABLE

1 inch/pouce	— 2.54	cm.	1 quart US	— 0.9464	ltrs.
1 foot/pied	— 30.4794	cm.	1 pint (pt)	— 0.568	ltrs.
1 sq. inch/pouce carre	— 6.452	cm. ²	1 gallon Imp.	— 4.546	ltrs.
1 cubic inch/pouce cube	— 16.387	cm. ³	1 gallon US	— 3.785	ltrs.
1 pound/livre (lb)	— 453.593	gr.	1 hundred weight (cwt.)	— 50.802	kg.



CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction: ~~separate~~ unitary construction
- 21. Unitary construction, material(s) **Steel**
- 22. Separate construction, Material(s) of chassis **-**
- 23. Material(s) of coachwork **Steel**
- 24. Number of doors **Two** 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 or Toughened Glass**
- 29. Material(s) of front-door windows **Glass**
- 30. Material(s) of rear-door windows **None**
- 31. Sliding system of door windows **Gear Operated - Drop Glass**
- 32. Material(s) of rear-quarter light **Glass**

ACCESSORIES AND UPHOLSTERY

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

9.843	kg.	21.7	lbs.
-------	-----	------	------
- 43. Rear seats, type of seat and upholstery **Blown PVC - Spring Case**
- 44. Front bumper, material(s) **Steel** Weight **3.209** kg. **7.076** lbs.
- 45. Rear bumper, material(s) **Steel** Weight **3.299** kg. **7.274** lbs.

WHEELS

- 50. Type **Disc**
- 51. Weight (per wheel, without tyre) **4.6** kg. **10.15** lbs.
- 52. Method of attachment **4 Stud**
- 53. Rim diameter **304.8** mm. **12.0** ins. 54. Rim width **127** mm. **5.00** ins.

STEERING

- 60. Type **Rack and Pinion**
- 61. Servo-assistance : ~~yes~~ — no
- 62. Number of turns of steering wheel from lock to lock **3.2**
- 63. In case of servo-assistance



SUSPENSION

- 70. Front suspension (photograph D), type **Independent - Wishbone**
- 71. Type of spring **Coil**
- 72. Stabiliser (if fitted) **Not Fitted**
- 73. Number of shock absorbers **Two**
- 74. Type **Telescopic - Double Acting**
- 78. Rear suspension (photograph E), type **Beam Axle - 4 Link Suspension**
- 79. Type of spring **Coil**
- 80. Stabiliser (if fitted) **Not Fitted**
- 81. Number of shock absorbers **Two**
- 82. Type **Telescopic - Double Acting**

BRAKES (photographs F and G)

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

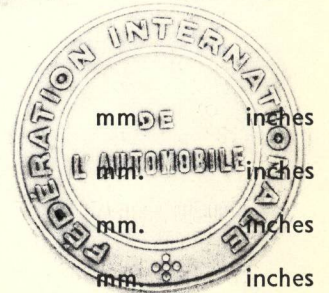
	Two FRONT	One REAR
93. Number of cylinders per wheel		
94. Bore of wheel cylinder(s)	48.26 mm. 1.90 inches	17.78mm. 0.70 inches

Drum Brakes

95. Inside diameter	mm.	inches	203.20mm. 8.00 inches
96. Length of brake linings	mm.	inches	159.51mm. 6.28 inches
97. Width of brake linings	mm.	inches	31.75 mm. 1.25 inches
98. Number of shoes per brake			Two
99. Total area per brake	mm. ²	sq. in.	10136 mm. ² 15.71 sq. in.

Disc Brakes

100. Outside diameter	213.36 mm. 8.4 inches	mm	inches
101. Thickness of disc	9.53 mm. .375 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		Two	
105. Total area per brake	5032.6 mm. ² 7.8 sq. in.	mm. ²	sq. in.



ENGINE (photographs J and K)

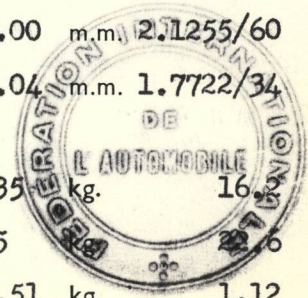
- 130. Cycle **4 - Stroke**
- 131. Number of cylinders **Four**
- 132. Cylinder Arrangement **Vertical - In Line**
- 133. Bore **77.77** mm. **3.062** in.
- 134. Stroke **60.96** mm. **2.40** in.
- 135. Capacity per cylinder **289.7** cm.³ **17.679** cu. in.
- 136. Total cylinder capacity **1158.8** cm.³ **70.714** cu. in.
- 137. Material(s) of cylinder block **Cast Iron**
- 138. Material(s) of sleeves (if fitted) **Not Fitted**
- 139. Cylinder head, material(s) **Cast Iron**
- Number fitted **One**
- 140. Number of inlet ports **Two**
- 141. Number of exhaust ports **Three**
- 142. Compression ratio **9.0:1**
- 143. Volume of one combustion chamber **28.23[±].30** cm.³ **1.723[±].018** cu. in.
- 144. Piston, material **Aluminium Alloy**
- 145. Number of rings **Three**
- 146. Distance from gudgeon pin centre line to highest point of piston crown **37.59** mm. **1.48** in.
- 147. Crankshaft: ~~mounted~~/stamped
- 148. Type of crankshaft: integral/**Yes**.....
- 149. Number of crankshaft main bearings **Three**
- 150. Material of bearing cap **Cast Iron**
- 151. System of lubrication: ~~dry sump~~/oil in sump
- 152. Capacity, lubricant **3.124** 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 **5.79** ltrs. **10.2** pts. **6.12** quarts U.S.
- 156. Cooling fan (if fitted) dia. **24.13** cm. **9.5** in.
- 157. Number of blades of cooling fan **Four**

Bearings

- 158. Crankshaft main, type **White Metal - Upper** dia. **53.99/54.00** m.m. **2.1255/60** in.
- Aluminium Tin Alloy - Lower**
- 159. Connecting rod big end, type **Copper/Lead-Aluminium** dia. **45.01/45.04** m.m. **1.7722/34** in.
- Tin**

Weights

- 160. Flywheel (clean) (With Ring Gear) **7.35** kg. **16** lbs.
- 161. Flywheel with clutch (all turning parts) **10.25** kg. **22.6** lbs.
- 162. Crankshaft **10.67** kg. **23.52** lbs.
- 163. Connecting rod **.51** kg. **1.12** lbs.
- 164. Piston with rings and pin **.49** kg. **1.071** lbs.



FOUR STROKE ENGINES

170. Number of camshafts **One** 171. Location **Cylinder Block**
 172. Type of camshaft drive **Endless Chain at Front**
 173. Type of valve operation **Push Rod**

INLET (see page 4)*

180. Material(s) of inlet manifold **Aluminium Alloy Casting**
 181. Diameter of valves **33.604 mm. 1.323 ins.**
 182. Max. valve lift **8.6 mm. .339 in.** 183. Number of valve springs **One**
 184. Type of spring **Helical Coil** 185. Number of valves per cylinder **One**
 186. Tappet clearance for checking timing (cold) **.2032 mm. .008 ins.**
 187. Valves open at (with tolerance for tappet clearance indicated) **39° BTDC**
 188. Valves close at (with tolerance for tappet clearance indicated) **73° ABDC**
 189. Air filter, type **Oil Wetted or Paper Element**

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold **Cast Iron**
 196. Diameter of valves **30.048 mm. 1.183 ins.**
 197. Max. valve lift **8.6 mm. .339 in.** 198. Number of valve springs **One**
 199. Type of spring **Helical Coil** 200. Number of valves per cylinder **One**
 201. Tappet clearance for checking timing (cold) **.2032 mm. .008 ins.**
 202. Valves open at (with tolerance for tappet clearance indicated) **71° BBDC**
 203. Valves close at (with tolerance for tappet clearance indicated) **41° ATDC**

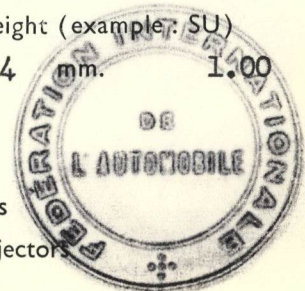
CARBURETION (photograph N)

210. Number of carburettors fitted **One** 211. Type **Variable Choke**
 212. Make **Zenith/Stromberg** 213. Model **150 - CD**
 214. Number of mixture passages per carburettor **Single Venturi**
 215. Flange hole diameter of exit port(s) of carburettor **38.1 mm. 1.50 ins.**
 216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example: SU) **25.4 mm. 1.00 ins.**

INJECTION (if fitted)

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.

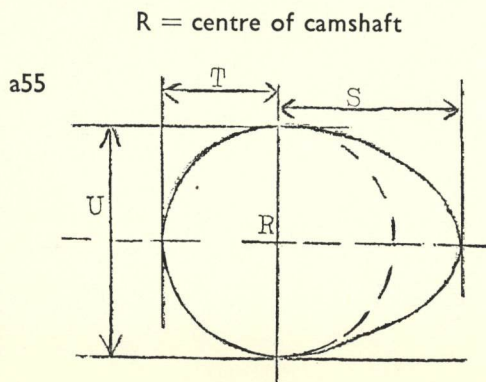


ENGINE ACCESSORIES

- 230. Fuel pump : mechanical ~~and/or electrical~~
- 231. No. fitted **One**
- 232. Type of ignition system **Coil**
- 233. No. of distributors **One**
- 234. No. of ignition coils **One**
- 235. No. of spark plugs per cylinder **One**
- 236. Generator, type : dynamo/~~alternator~~—number fitted **One**
- 237. Method of drive **Belt**
- 238. Voltage of generator **12** volts
- 239. Battery, number **One**
- 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 **68.9** (type of horsepower: **BHP (Gross)**) at **5.800** r.p.m.
- 251. Max. r.p.m. **6.800** output at that figure **Not Available for Publication**
- 252. Max. torque **68.7 lb/ft.** at **4200** r.p.m.
- 253. Max. speed of the car **139.5** km./hour **86.7** miles/hour



Inlet cam

S =	19.844	mm.	.781	inches
T =	13.741	mm.	.541	inches
U =	27.619	mm.	1.087	inches

Exhaust cam

S =	19.844	mm.	.781	inches
T =	13.741	mm.	.541	inches
U =	27.619	mm.	1.087	inches



IMPORTANT—The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars) : 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 186, 187, 188, 189, 201, 202, 203, 212, 213, 215, 216 222, 225, 230, 250, 251, 252, 253, 255 photographs I, M and N and page 4.

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration : 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B, D, E, F, G, H, J, K and O.

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

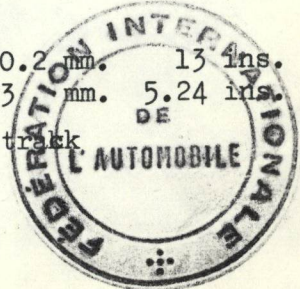
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on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....
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on.....19.....	rec. no.....	List.....	on.....19.....	rec. no.....	List.....
on.....19.....	rec. no.....	List.....	on.....19.....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

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

<u>No.</u>	<u>Reference No.</u>	<u>Group 1</u>
		<u>Heavy duty Suspension - Code 357</u>
1.	71.	7198454 Front Spring RH (Fitted to LH side)
	79.	7198458 Rear Spring - 2 off
	78.	7192353 Rear axle Assy. 9/35
		7192352 Rear Axle Assy. 8/33
		<u>Increased Dia Wheels - Code 462 & 463</u> <u>Group 2</u>
2.	50.	6396895 Wheel - Discs 4 x 13 WB

Dia. 330.2 mm. 13 ins.
 Width 133 mm. 5.24 ins.

NOTE: When these wheels are used the track must be reduced by .62 inches.





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

Manufacturer Vauxhall Mtrs. Ltd.

Model Vauxhall Viva/Epic HBD90

F.I.A. Recognition No. 5137

Amendment to 1

5137/1/1U

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No. HBD 1

1



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

Group 2 only

Date amendment is valid from

1st Jan. 1968.
List 1968/1





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

Manufacturer Vauxhall Mtrs. Ltd.

Model Vauxhall Viva/Epic HBD90

F.I.A. Recognition No. 5137

Amendment to. 2

5137/1/1V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No. HBD 1

2



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



Photograph C interior view of
car through drivers door.

3

Identical with Viva/Epic SL90 Code 460 (F.I.A. Recognition No. 5137).
Apart from trim styles and materials.

4

9 Weight - Total weight of car with normal equipment - water - oil
spare wheel but without fuel or repair tools.

762 KG

1680 LBS

15 CWT.

Date amendment is valid from

*1st Jan. 1968
with 1968/1*



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



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

Manufacturer Vauxhall Motors Ltd

Model Vauxhall Viva/Epic

F.I.A. Recognition No. 5137 BV

Amendment to 3

5137/1/1V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No. HBB

GROUP 2 ONLY

1

(Photo A)



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

Date amendment is valid from ~~1/1/68~~

*1st Jan. 1968
 list 1968/1*



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



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

Manufacturer Vauxhall Motors Ltd

Model Vauxhall Viva/Epic

F.I.A. Recognition No. 5137 BV

Amendment to 4

5137/1/1V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No. HBB

Group 2

2



PHOTOGRAPH B $\frac{3}{4}$ VIEW
 OF CAR FROM REAR



PHOTOGRAPH C INTERIOR
 VIEW OF CAR THROUGH
 DRIVERS DOOR (OPEN OR REMOVED)

3

IDENTICAL WITH VIVA/EPIC (F.I.A. RECOGNITION NO'S. 5137) APART
 FROM BRABHAM KIT. *BV*

4

9 - WEIGHT - TOTAL WEIGHT OF CAR WITH NORMAL EQUIPMENT - WATER - OIL
 AND SPARE WHEEL BUT WITHOUT FUEL OR REPAIR TOOLS.

784.7 KG.

1730 LBS.



Date amendment is valid from

1st Jan. 1968
Unit 1968/1

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



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

Manufacturer Vauxhall Motors Ltd

Model Vauxhall Viva/Epic

F.I.A. Recognition No. 5137 BV

Amendment to. 5

5137/1/1V

Amendment to Form of Recognition

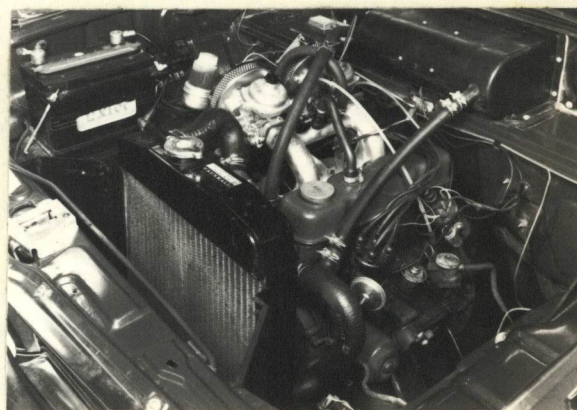
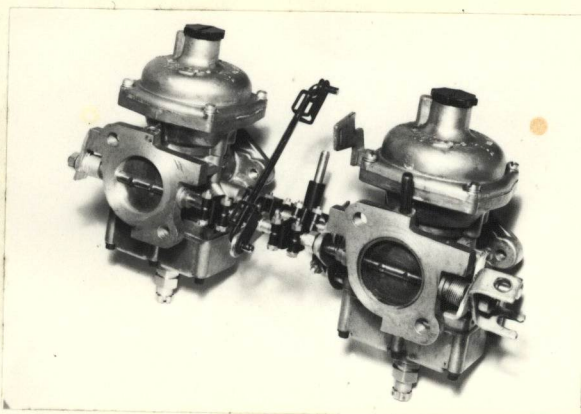
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No. HBB

Group 2

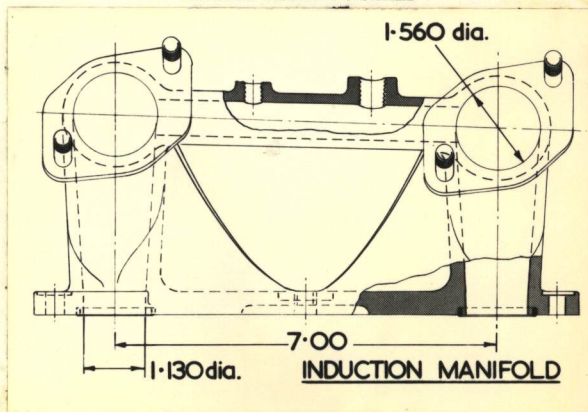
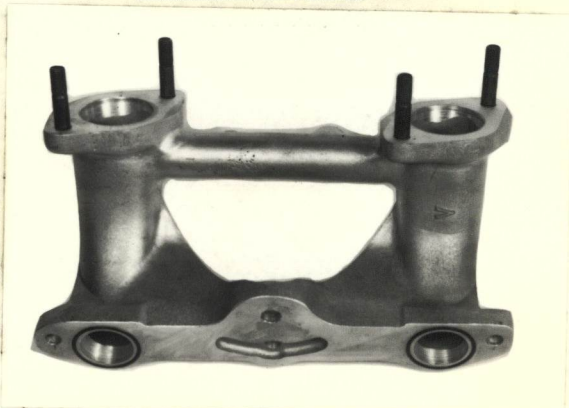
2.
 Photo (N) and
 Photo (O)



Photograph (N)

Photograph (O)

3.
 (Photo (P))

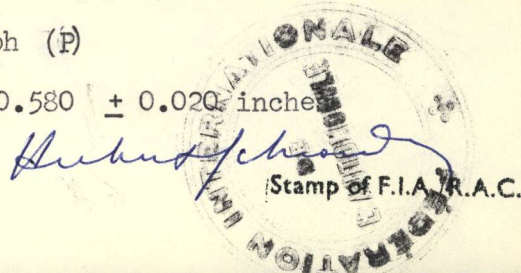


Photograph (P)

Manufacturing Tolerance $\pm 0.580 \pm 0.020$ inches

Date amendment is valid from 1st Jan. 1968

List 1968/1





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

Manufacturer Vauxhall Motors Ltd

Model Vauxhall Viva/Epic

F.I.A. Recognition No. 5137 BV

Amendment to. 6

5137/1/1V

Amendment to Form of Recognition

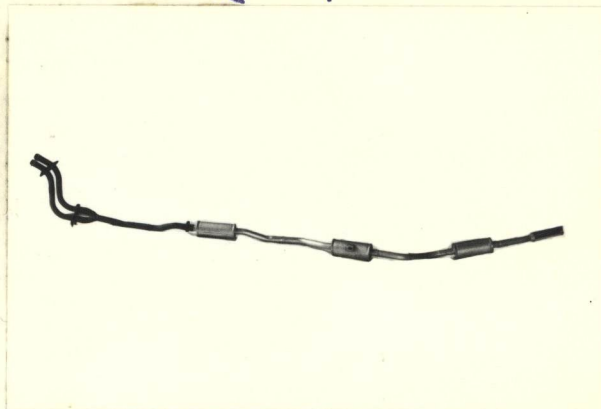
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No. HBB

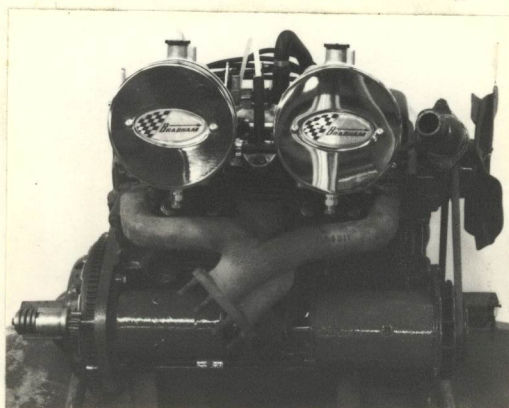
Group 2

4.
Photo (I)

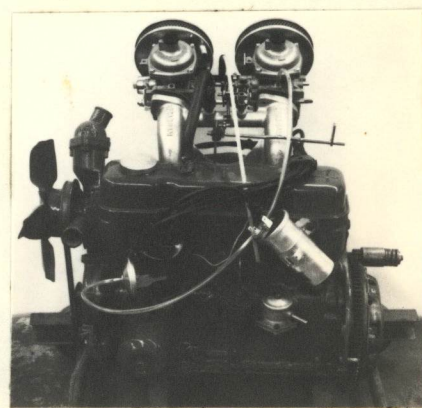


Photograph 1

5.
Photo (J) and
Photo (K)



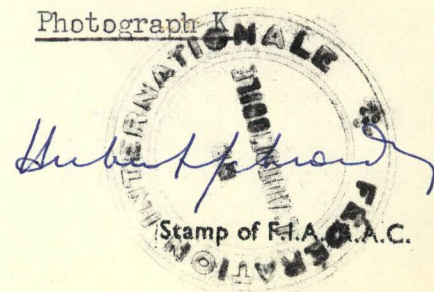
Photograph J



Photograph K

Date amendment is valid from

1st Jan. 1968
until 1968/1





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

Manufacturer Vauxhall Motors Ltd.

Model Viva (HBH)

F.I.A. Recognition No. 5137

Amendment to 2/2V

Amendment to Form of Recognition

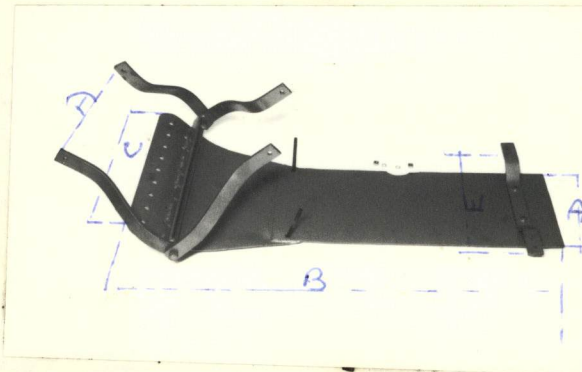
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Underbody Shield

Part No. C.C.I.



Dimensions

- A - 10 inches 254 mm.
- B - 43 inches 1092 mm.
- C - 20 inches 508 mm.
- D - 12 inches 305 mm.
- E - Hole centres 14 inches 355 mm.
16½ inches 420 mm.

1. inches thick 2.540 mm.

Date amendment is valid from

1st May 1968

with 1968/6





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

Manufacturer Vauxhall Motors Ltd.

Model VIVA/EPIC S.L.

F.I.A. Recognition No. 5137

Amendment No. Z 3/3U

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

HBH FOUR DOOR MODEL

1



PHOTOGRAPH A. $\frac{3}{4}$ VIEW OF CAR FROM FRONT

Date amendment is valid from

1st Jan. 1969
list 1969/1

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



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

Manufacturer Vauxhall Motors Ltd.

Model Viva/Epic S.L.

F.I.A. Recognition No. 5137

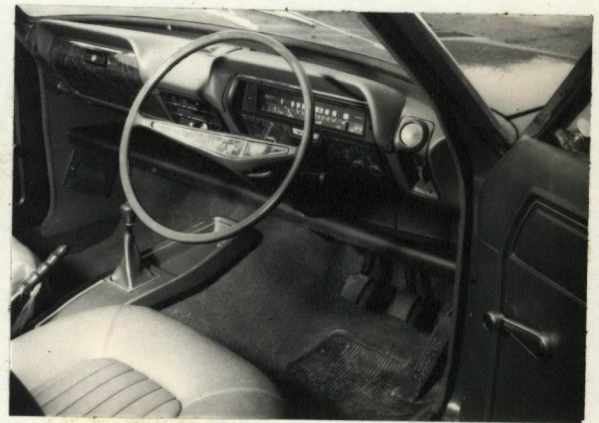
Amendment No. 8 4/4V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No. HBH FOUR DOOR MODEL

2



PHOTOGRAPH B. $\frac{3}{4}$ VIEW OF CAR FROM REAR

PHOTOGRAPH C. INTERIOR VIEW OF CAR THROUGH DRIVERS DOOR

3. IDENTICAL WITH VIVA/EPIC S.L. (F.I.A. RECOGNITION NO. 5138 AMENDMENTS 1 AND 2), APART FROM THE NUMBER OF DOORS.
4. 9 - WEIGHT - TOTAL WEIGHT OF CAR WITH NORMAL EQUIPMENT - WATER, OIL AND SPARE WHEEL BUT WITHOUT FUEL OR REPAIR TOOLS.

774.7 KG. 1708 LBS.

15.25 CWTS.

Date amendment is valid from 1st Jan. 1969
list 1969/1

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



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

Manufacturer Vauxhall Motors Ltd.

Model Viva/Epic S.L. 90

F.I.A. Recognition No. 5137

Amendment No. 5/5U

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No. HBH 90 FOUR DOOR MODEL

1



PHOTOGRAPH A. $\frac{3}{4}$ VIEW OF CAR FROM FRONT

Date amendment is valid from

1st July 1969
with 1969/5



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



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

Manufacturer Vauxhall Motors Ltd.

Model Viva/Epic S.L. 90

F.I.A. Recognition No. 5137

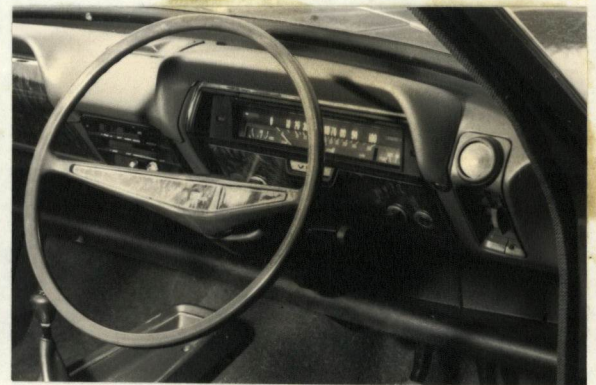
Amendment No. 5/5U

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. Reference No. HBH 90 FOUR DOOR MODEL

2.



PHOTOGRAPH B. $\frac{3}{4}$ VIEW OF CAR
FROM REAR

PHOTOGRAPH C. INTERIOR VIEW OF CAR
THROUGH DRIVERS DOOR

3.

IDENTICAL WITH VIVA/EPIC S.L. 90 (F.I.A. RECOGNITION NO. 5137 AMENDMENTS 1 AND 2), APART FROM THE NUMBER OF DOORS.

4.

9 - WEIGHT - TOTAL WEIGHT OF CAR WITH NORMAL EQUIPMENT - WATER, OIL AND SPARE WHEEL BUT WITHOUT FUEL OR REPAIR TOOLS.

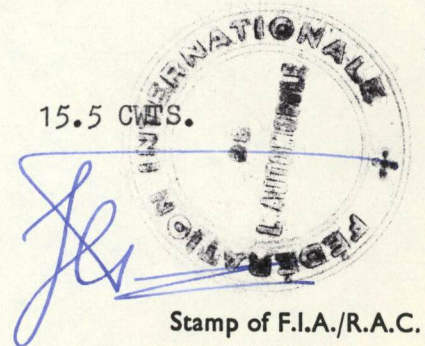
787.4 KG.

1736 LBS.

15.5 CWTs.

Date amendment is valid from

1st July 1969
List 1969/15



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



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

Manufacturer VAUXHALL MOTORS LTD.

Model VIVA - HBH 90

F.I.A. Recognition No. 5137

Amendment No. 6/1E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

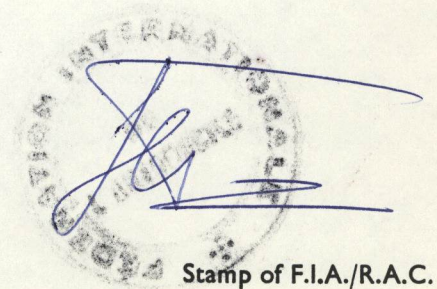
Reference No.

CAPACITIES AND DIMENSIONS

FRONT TRACK 52.20 INS. 1326 MM.

PRODUCTION CHANGE

Date amendment is valid from 1/1/70



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