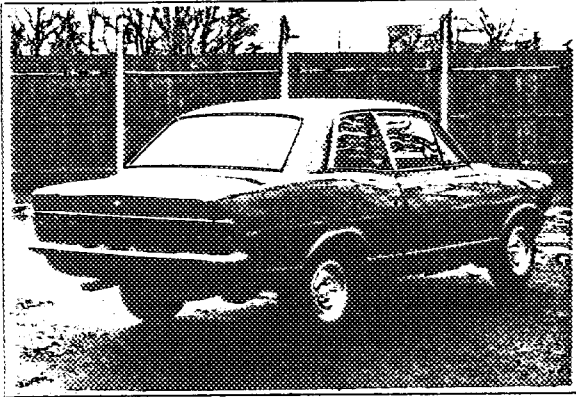
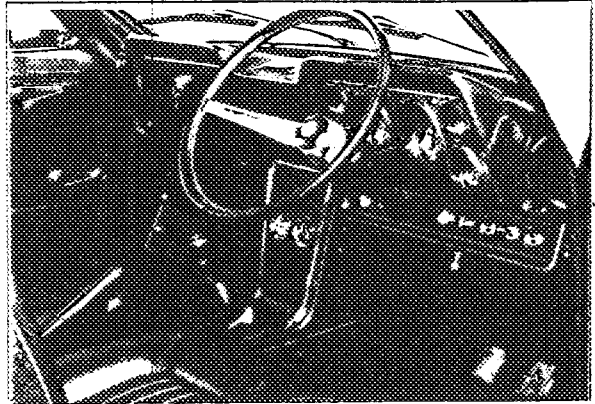


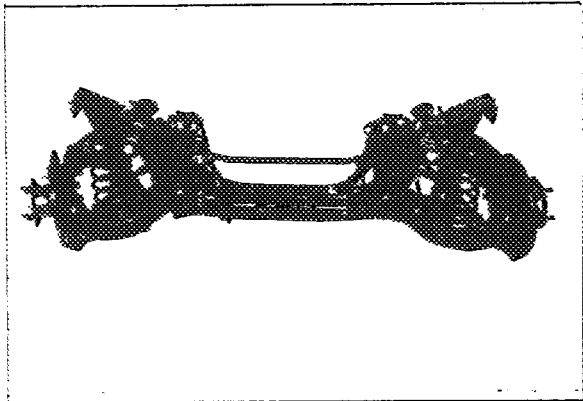
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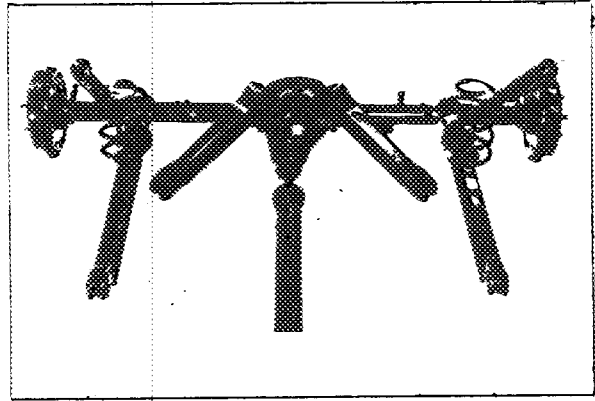
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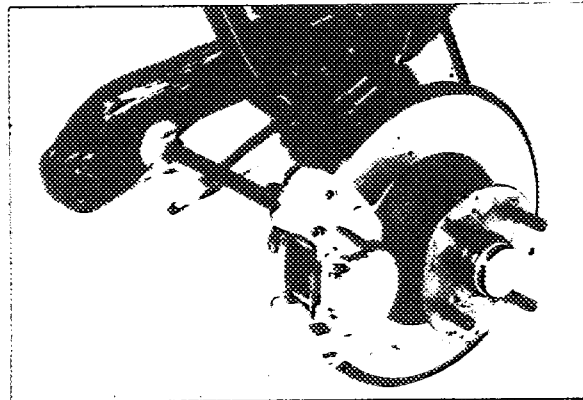
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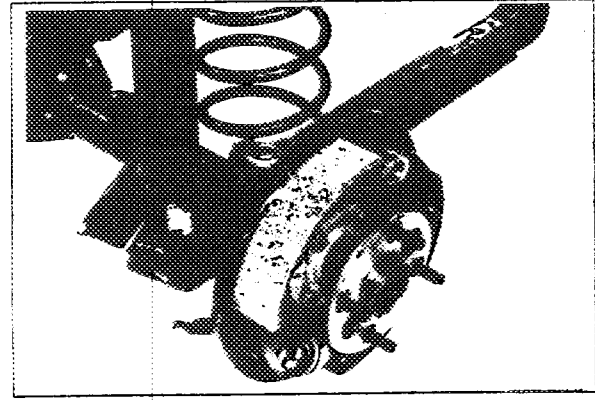
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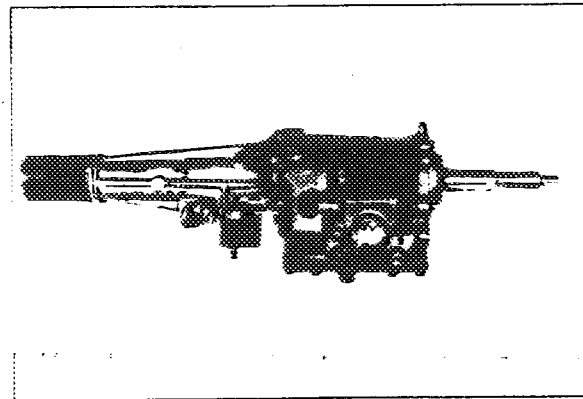
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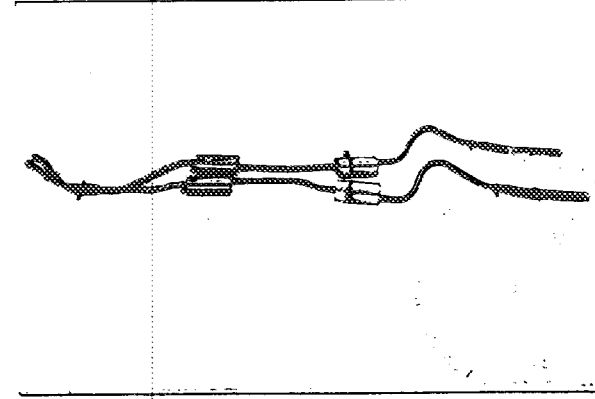
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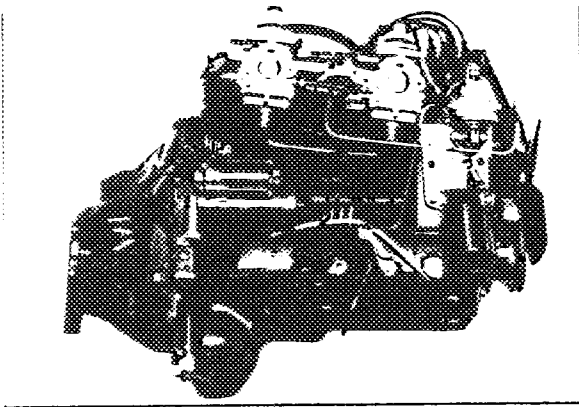
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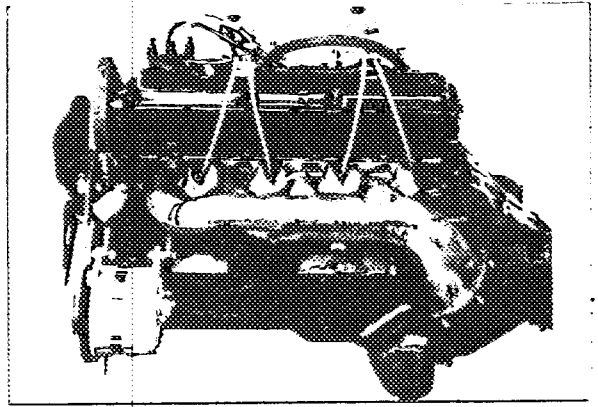
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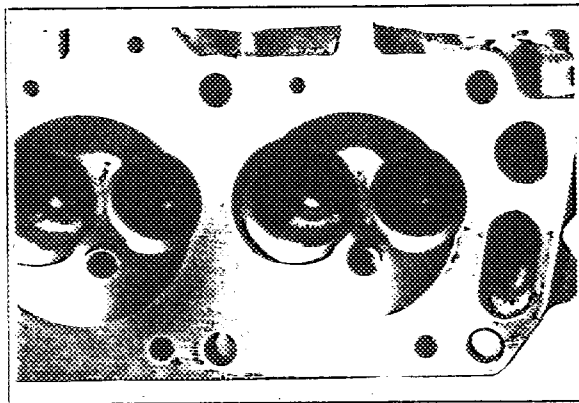
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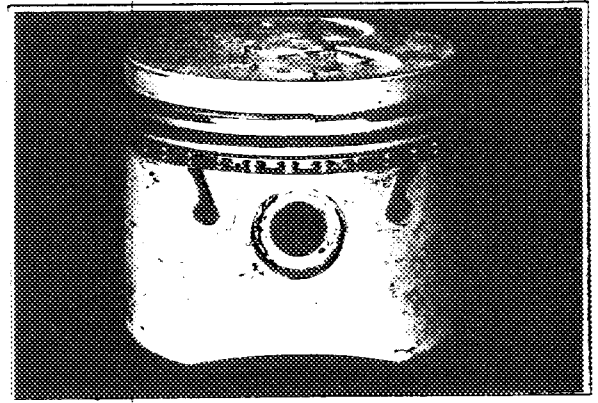
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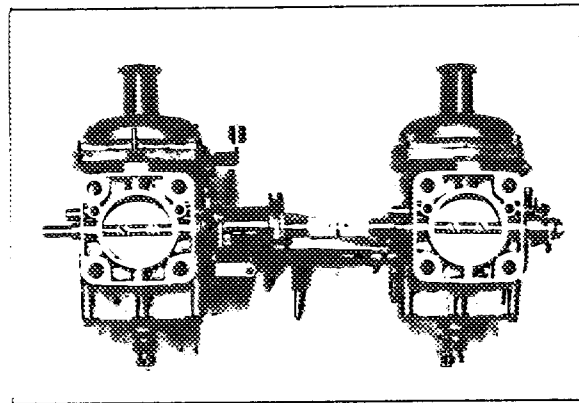
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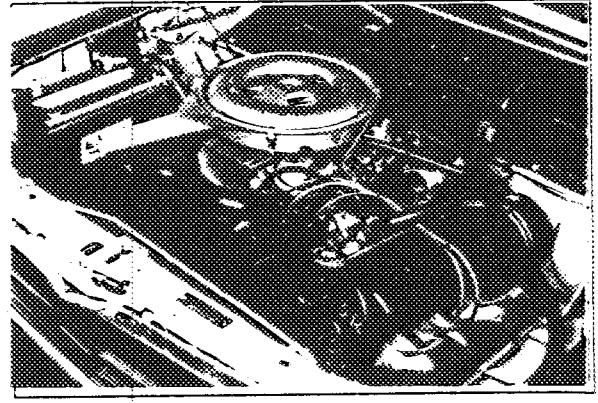
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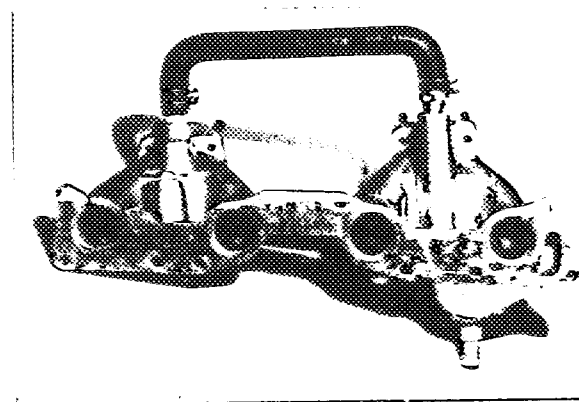
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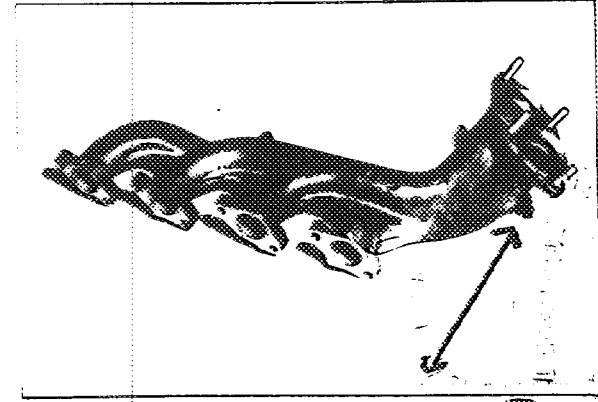
O



P



Q



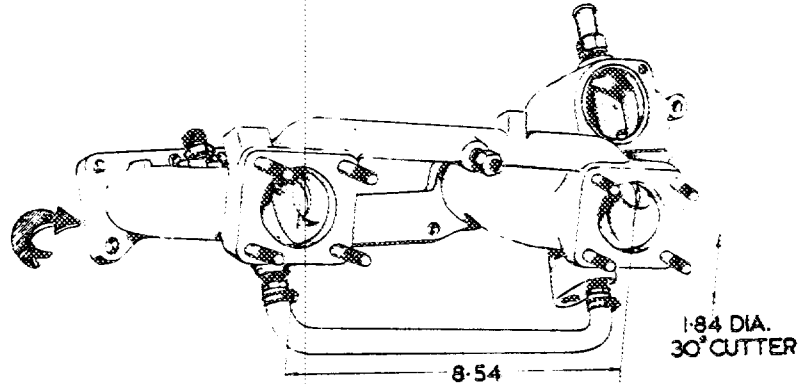
2 EXITS 1 5/8 INCHES DIA
38.6 MM

Make VAUXHALL

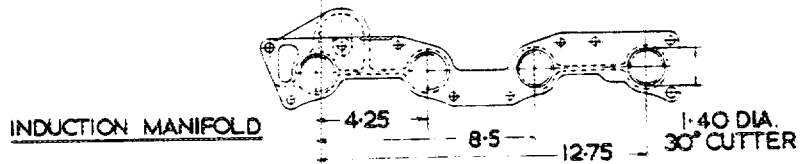
Model VIVA GT

F.I.A. Rec. No.

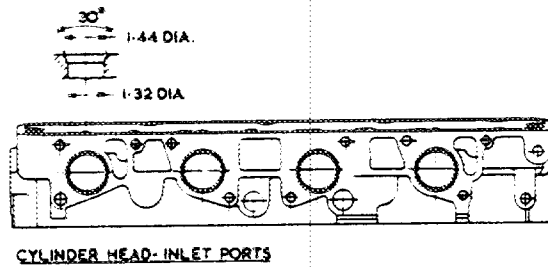
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



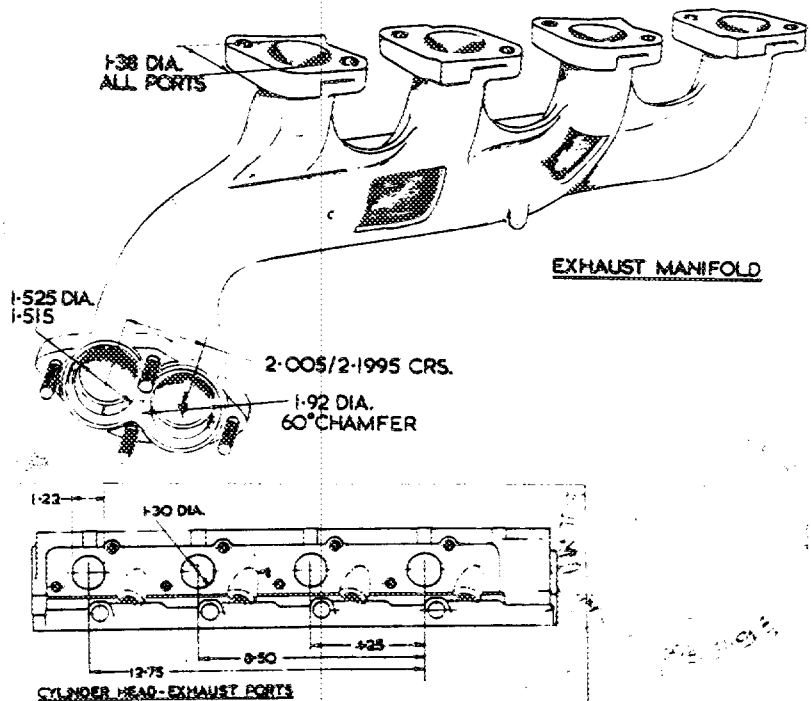
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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



Drawing of exit to exhaust port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



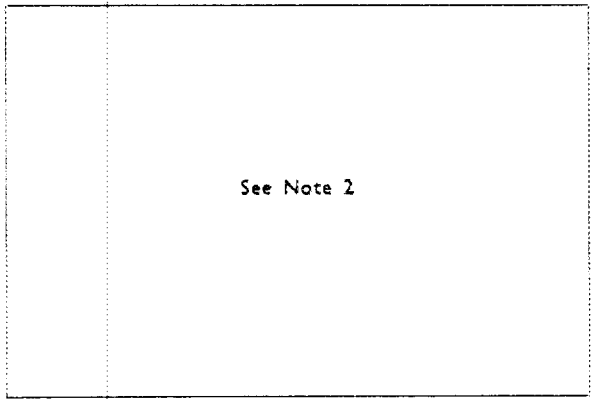
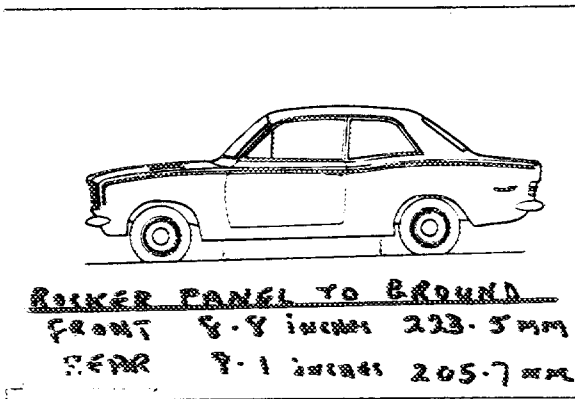
Make.....VAUXHALL..... Model.....VIVA GT..... F.I.A. Rec. No.....

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 | 1320.8 mm. | 52.0 | inches |
| 3. Rear track | 1295.4 mm. | 51.0 | inches |



- | | | | | | | |
|--|-------------|------|------------|--------|------------|-------|
| 4. Overall length of the car | 409.4 | cm. | 161.2 | inches | | |
| 5. Overall width of the car | 160.0 | cm. | 63.0 | inches | | |
| 6. Overall height of the car | 141.7 | cm. | 55.8 | inches | | |
| 7. Capacity of fuel tank (reserve included) | 36.37 ltrs. | 9.61 | gall. U.S. | 8 | gall. Imp. | |
| 8. Seating Capacity. | | | | | | |
| 9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools : | 909 | kg. | 2004 | lbs. | 17.9 | cwts. |

NOTE 2.

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

NOTE 3.

CONVERSION TABLE

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

Make VAUXHALL

Model VIVA GT.

F.I.A. Rec. No.

CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction: ~~separate~~/unitary construction
- 21. Unitary construction, material(s) **STEEL**
- 22. Separate construction, Material(s) of chassis
- 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 **LAMINATED OR TOUGHENED GLASS**
- 28. Material(s) of windscreen **" " " "**
- 29. Material(s) of front-door windows **" " " "**
- 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 **LAMINATED OR TOUGHENED 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 **BLOWN PVC TUBULAR FRAME**
- 42. Weight of front seat(s), complete with supports and rails, out of the car :

<u>10.2</u> kg.	<u>22.5</u> 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) 5.41 kg. 11.920 lbs.
- 52. Method of attachment **4 STUD**
- 53. Rim diameter 330.2 mm. **13** ins. 54. Rim width 139.7 mm. **5.5** 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

Make.....VAUXHALL..... Model.....VIVA GT..... F.I.A. Rec. No.....

SUSPENSION

70. Front suspension (photograph D), type INDEPENDANT - WISHBONE
 71. Type of spring COIL
 72. Stabiliser (if fitted) FITTED
 73. Number of shock absorbers 2
 74. Type TELESCOPIC DOUBLE ACTING
 78. Rear suspension (photograph E), type BEAM AXLE 4 LINK
 79. Type of spring COIL
 80. Stabiliser (if fitted) FITTED
 81. Number of shock absorbers 2
 82. Type TELESCOPIC DOUBLE ACTING

BRAKES (photographs F and G)

90. Method of operation HYDRAULIC
 91. Servo-assistance (if fitted), type VACUUM
 92. Number of hydraulic master cylinders ONE - (OPTION TANDEM CODE 495)
 93. Number of cylinders per wheel TWO FRONT ONE REAR
 94. Bore of wheel cylinder(s) 48.26 mm. 1.90 inches 19.05 mm. 0.75 inches

Drum Brakes

95. Inside diameter mm. inches 228.6 mm. 9 inches
 96. Length of brake linings mm. inches 179.32 mm. 7.06 inches
 97. Width of brake linings mm. inches ~~219.45~~ ~~8.64~~ inches
 98. Number of shoes per brake 44.45 1.75
 99. Total area per brake mm.² sq. in. 16659 mm.² 25.82sq. in.

Disc Brakes

100. Outside diameter 254.8 mm. 10.03 inches mm. inches
 101. Thickness of disc 9.65 mm. 0.38 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 2
 105. Total area per brake 5742 mm.² 8.9 sq. in. mm.² sq. in.

Make VAUXHALL Model VIVA GT F.I.A. Rec. No. _____

ENGINE (photographs J and K)

- | | | | |
|---|----------------------|---|---------------------|
| 130. Cycle | 4 - STROKE | 131. Number of cylinders | 4 |
| 132. Cylinder Arrangement | 45° IN LINE | | |
| 133. Bore | 95.25 mm. 3.750 in. | 134. Stroke | 69.24 mm. 2.726 in. |
| 135. Capacity per cylinder | | 493.38 cm. ³ | 30.11 cu. in. |
| 136. Total cylinder capacity | | 1973.52 cm. ³ | 120.43 cu. in. |
| 137. Material(s) of cylinder block | CHROMIDIUM CAST IRON | 138. Material(s) of sleeves (if fitted) | NOT FITTED |
| 139. Cylinder head, material(s) | CHROMIDIUM CAST IRON | Number fitted | ONE |
| 140. Number of inlet ports | 4 | 141. Number of exhaust ports | 4 |
| 142. Compression ratio | 8.5:1 (OPT. 7.3:1) | | |
| 143. Volume of one combustion chamber | | 50.34 cm. ³ | 3.1 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 | | 43.81 mm. | 1.725 in. |
| 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: dry sump /oil in sump | | | |
| 152. Capacity, lubricant | 4.33 ltrs. 3.5 pts. | 5.1 quarts U.S. | |
| 153. Oil cooler: yes /no | | 154. Method of engine cooling | WATER |
| 155. Capacity of cooling system | 7.67 ltrs. 13.5 pts. | 8.1 quarts U.S. | |
| 156. Cooling fan (if fitted) dia. | | 34.93 cm. | 13.75 in. |
| 157. Number of blades of cooling fan | 4 | | |

Bearings

- | | | | |
|-----------------------------------|-------------|------------------------|---------------|
| 158. Crankshaft main, type | COPPER/LEAD | dia. 63.513/63.500 mm. | 2.5005/2.5000 |
| 159. Connecting rod big end, type | COPPER/LEAD | dia. 50.762/50.737 mm. | 1.9985/1.9975 |

Weights

- | | | | |
|---|----------------------|---------------------|----------------------|
| 160. Flywheel (clean) | WITH RING GEAR | 9.21 kg. | 20.30 lbs. |
| 161. Flywheel with clutch (all turning parts) | | 15.42 kg. | 33.99 lbs. |
| 162. Crankshaft | 17.09 kg. 37.69 lbs. | 163. Connecting rod | 0.785 kg. 1.731 lbs. |
| 164. Piston with rings and pin | | 0.834 kg. | 1.839 lbs. |

Make VAUXHALL Model VIVA GT. F.I.A. Rec. No.

FOUR STROKE ENGINES

170. Number of camshafts ONE 171. Location HOUSING MOUNTED ON CYLINDER HEAD
172. Type of camshaft drive EXTERNAL TOOTHED BELT
173. Type of valve operation CAM VIA INVERTED BUCKET TAPPET DIRECT TO VALVE

INLET (see page 4)*

180. Material(s) of inlet manifold ALUMINIUM ALLOY CASTING
181. Diameter of valves 43.05 mm. 1.695 ins.
182. Max. valve lift 9.626 mm. 0.379 in. 183. Number of valve springs TWO
184. Type of spring HELICAL COIL 185. Number of valves per cylinder ONE
186. Tappet clearance for checking timing (cold) 0.1778/0.2286 mm. .007/.009 ins.
187. Valves open at (with tolerance for tappet clearance indicated) 33° 26' BTDC
188. Valves close at (with tolerance for tappet clearance indicated) 65° 26' ABDC
189. Air filter, type PAPER ELEMENT

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold CAST IRON
196. Diameter of valves 36.07 mm. 1.420 ins.
197. Max. valve lift 9.626 mm. 0.379 in. 198. Number of valve springs TWO
199. Type of spring HELICAL COIL 200. Number of valves per cylinder ONE
201. Tappet clearance for checking timing (cold) 0.3556/0.4318 mm. .014/.017 ins.
202. Valves open at (with tolerance for tappet clearance indicated) 65° 26' BBDC
203. Valves close at (with tolerance for tappet clearance indicated) 33° ATDC

CARBURETION (photograph N)

210. Number of carburettors fitted 2 211. Type VARIABLE CHOKE
212. Make ZENITH 213. Model 175 CD
214. Number of mixture passages per carburettor SINGLE VENTURI
215. Flange hole diameter of exit port(s) of carburettor ~~44.45~~ mm. 1.750 ins.
216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example: SU) ~~31.75~~ mm. 1.250 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.

Make VAUXHALL

Model VVA GT.

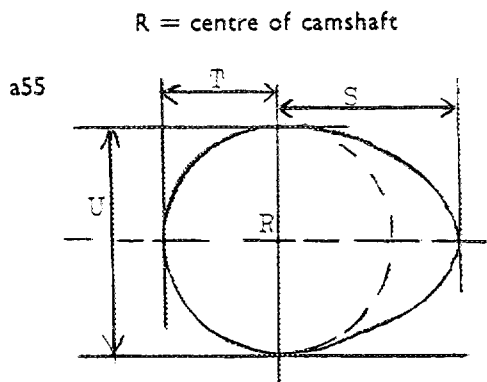
F.I.A. Rec. No. _____

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 **112** (type of horsepower: **BHP GROSS**) at **5400** r.p.m.
- 251. Max. r.p.m. **6400** output at that figure **NOT AVAILABLE FOR PUBLICATION**
- 252. Max. torque **127 LB. FT. GROSS** at _____ r.p.m.
- 253. Max. speed of the car **168** km./hour **105** miles/hour



<u>Inlet cam</u>			
S =	28.879	mm.	1.137 inches
T =	19.050	mm.	0.750 inches
U =	38.125	mm.	1.501 inches
<u>Exhaust cam</u>			
S =	28.879	mm.	1.137 inches
T =	18.821	mm.	0.741 inches
U =	37.821	mm.	1.489 inches

Make VAUXHALL

Model VIVA GT.

F.I.A. Rec. No.

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.

92. TANDEM MASTER CYLINDER (CODE 495)

OPTIONAL WHEELS PART NO. 8810137

50. ALUMINIUM ALLOY 51. 5.897 KG. 13 LBS. 52. 4 STUD

53. 330.3 MM. 13 IN. 54. 152.4 MM. 6 IN.

HEAVY DUTY SUSPENSION (CODE 357)

71 8810415 FRONT SPRING (2 OFF)
79 8810416 RH 8810457 LH REAR SPRING

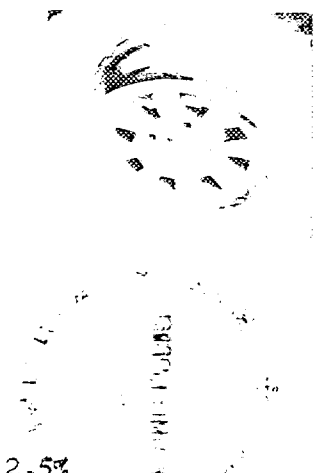
HEAVY DUTY AXLE

78 7211474 REAR AXLE 8/33
7211468 REAR AXLE 10/39

MANUFACTURING TOLERANCES:

- 1. For all machined surfaces allow .075%
- 2. For all non machined surfaces allow 2%
- 3. For weights of all part machined parts allow 2.5%
- 4. For weights of all completely machined parts allow 1.25%

7 FUEL TANK. OPTION. PART NO. 7211279 54.5 LTRS. 14.4 GALLS U.S. 12 GALLS IMP





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

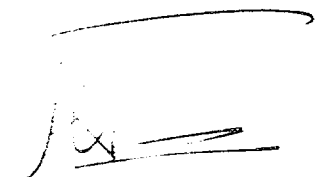
Manufacture VAUXHALL MOTORS .
 Model VIVA GT.
 F.I.A. Recognition No. ~~557-153~~
 Amendment No. 1/IV

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
292.	FINAL DRIVE. SPIN RESISTANT DIFFERENTIAL. PART NUMBER-- 8834100.
	TYPE OF LIMITED SLIP DIFFERENTIAL--FRICTION.

Date amendment is valid from 1st Jan. 1967
 until 190/11


 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 SE.

F.I.A. Recognition No. 1533/3/3V

Amendment No. 13

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	GROUP 2		
293		OPTIONAL FINAL DRIVE RATIO		
		FINAL DRIVE RATIO 4.6:1		
		NUMBER OF TEETH 8/37		
		PART NUMBERS		
		7158169	3810123	7171195
		7141226	7088585	7186038
				6342510
				7085400

Date amendment is valid from 1/4/1969
liste 69/2

[Handwritten signature]
Stamp of F.I.A./R.A.C.



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

Manufacturer TRIUMPH MOTOR CO. LTD.
Model VEGA GT.
F.I.A. Recognition No. 1533
Amendment No. 4/4-V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

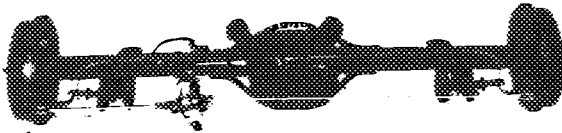
Reference No.

WING EXTENSION. WIDTH 5 CM.



HEAVY DUTY REAR AXLE

PART NO. BB 21.



HEAVY DUTY SPOCKS

260	TYPE. BE SPARK	261	NO. OF PLIES. ONE
262	DIR. OF MOUNT PLATE	262	21.59 CM. 8.5 INS. or 23.23 CM. 9 INS.
263	DIR. OF MOUNTS INSIDE	263	15.87 CM. 6.25 INS. or 15.87 CM. 6.25 INS.
	OUTSIDE	264	11.59 CM. 4.5 INS. or 23.23 CM. 9 INS.
264	METHOD OF SPRINGING		CABLE SPRING

Date amendment is valid from 1/1/70
20/1

[Handwritten signature]

[Circular stamp: F.I.A. / R.A.C.]

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



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

Manufacturer VAUXHALL MOTOR CO

Model VII. GT.

F.I.A. Recognition No. 1533

Amendment No. 5/5 V

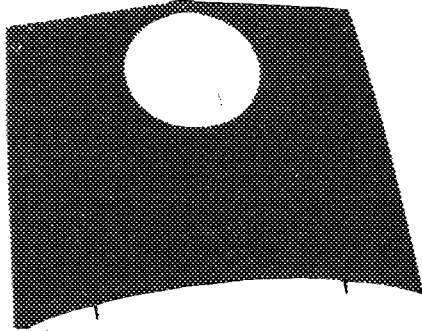
Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

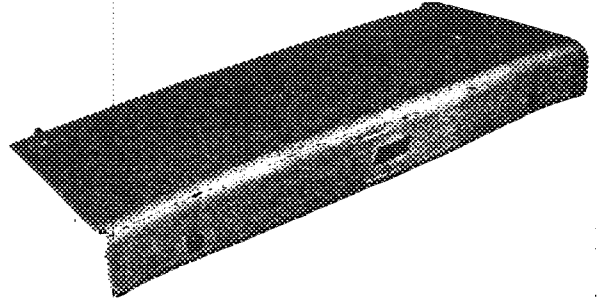
No.

Reference No.

WINDSHIELD GLASS BURNIT AND BOGE
PART N° CC 13.

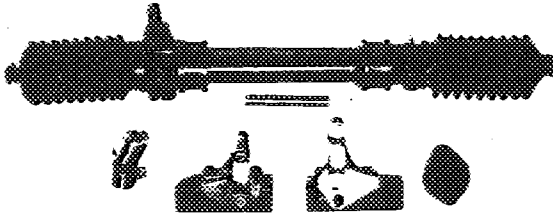


PART N° CC 12.

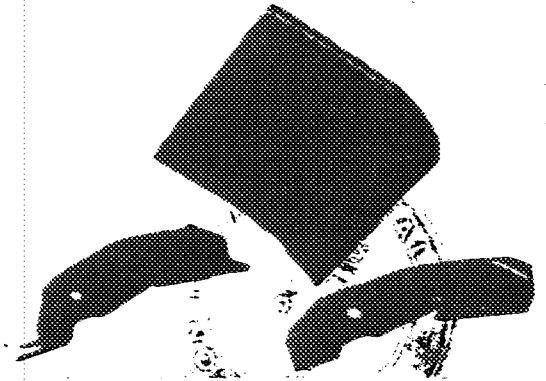
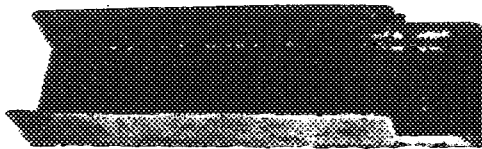


HEXAGONAL STEERING RACK

PART N° CCS



ACHILLEARD CHASSIS SUSPENSION KIT



INCLUDES

SHOCK ABSORBER, MOUNTING BRACKET, LOWER ARM SKID,
BOGED IN LINK HOUSINGS

Date amendment is valid from 1/1/70

7/11

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



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

Manufacturer VALENTINE MOTORS LTD
Model VAL. 6E
F.I.A. Recognition No. 1533
Amendment No. 6/64

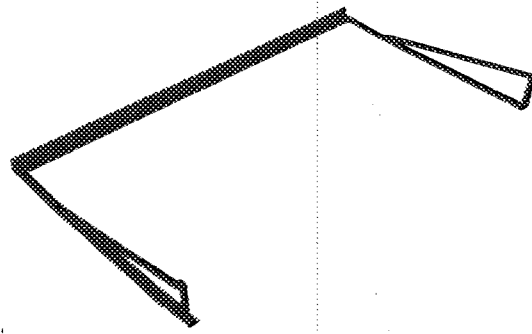
Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

SPACE STEEL CAPWHEEL
PART NO CCY.



PERSPEX WIND AND OFFSIDE WINDOWS *REAR WINDOW PART NOS CC9-CC10-CC
SUMP SHIELD * LARGE RUB ASSEMBLY *

*

CAPACITIES AND DIMENSIONS
TRACK CHANGES WITH THE FOLLOWING WHEEL SIZES

	FRONT		REAR	
13 x 6J	52.25 INS.	1387.2 MM:	51.4 INS.	1301.8 MM
13 x 7J	54.25 INS.	1378 MM:		
13 x 8J	55.25 INS.	1400.3 MM:	54.25 INS.	1378 MM
13 x 9J	56. INS.	1423.8 MM:	55 INS.	1397 MM

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

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



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VAUXHALL - VIVA GT

MARQUE ET MODELE

11/68

VALIDITE HOMOLOGATION

1533

FICHE NR.

2 / 2000

GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES
1/1V	1/59	DIFFERENTIEL AUTOBLOQUANT	
2/2V			
3/3V		RAPPORT DE PONT	
4/4V		AILES - PONT ARRIERE - ENBRAYAGE	
5/5V		MALLE CAPOT - DIRECTION - SUSPENSION	
6/6V		JANTES - VITRES	

Autres homologations du modèle

Vérifiée le 19/03/95 par [Signature] visée ce jour le _____ par _____