



AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, F.I.A., INC.

433 MAIN ST.
STAMFORD, CONN. 06901
(203) 348-6233

FIA NO. 5369

GROUP 1

Federation Internationale de l'Automobile
FORM OF RECOGNITION

In accordance with Appendix "J" of the International Sporting Code

Cylinder capacity _____ cm³ 140 in³

Manufacturer Chevrolet Motor Div. - GMC Model Vega 2300 - 14177 Coupe'

Serial # Chassis 14177 1U 100001 Manufacturer Chevrolet

Serial # Engine CHA 100001 Manufacturer Chevrolet

Recognition valid from 1/10/70 List 70/10

The manufacturing of the model described in this recognition form was started on June 26, 1970 and the minimum production of 5000+ identical cars, in accordance with the specifications of this form, was reached on September 1, 1970.

(**) only need to be answered for Group IV cars.

A 3/4 Front View Car **



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

Variants
on 19 rec # list
on 19 rec # list
on 19 rec # list

Normal evolution of the type
on 19 rec # list
on 19 rec # list
on 19 rec # list

Stamp/Signature of
National Sporting Authority

John V. Clava

Stamp/Signature
F.I.A.

[Signature]

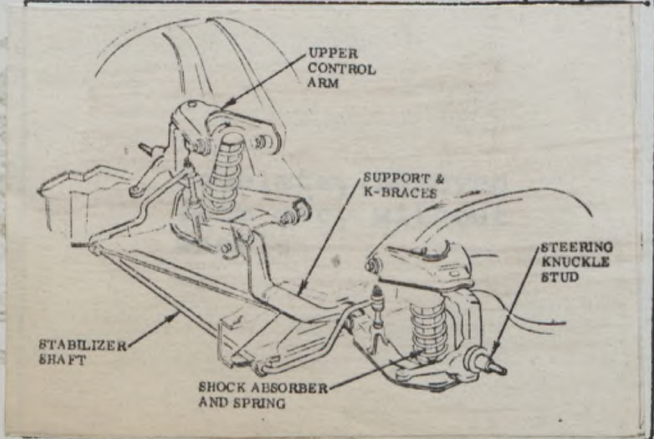
B 3/4 rear car (**)



C interior-car (**)



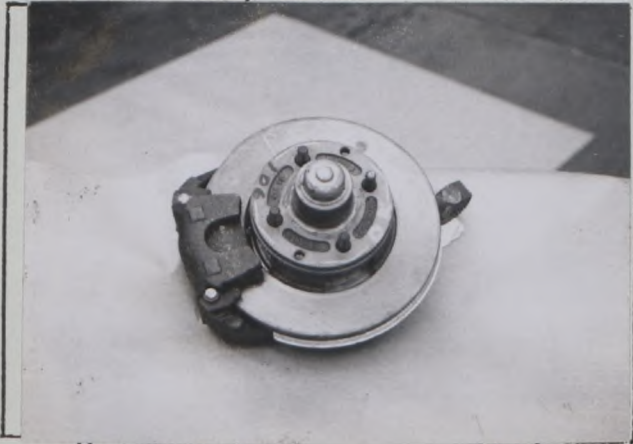
D front axle (**)



E rear axle (**)



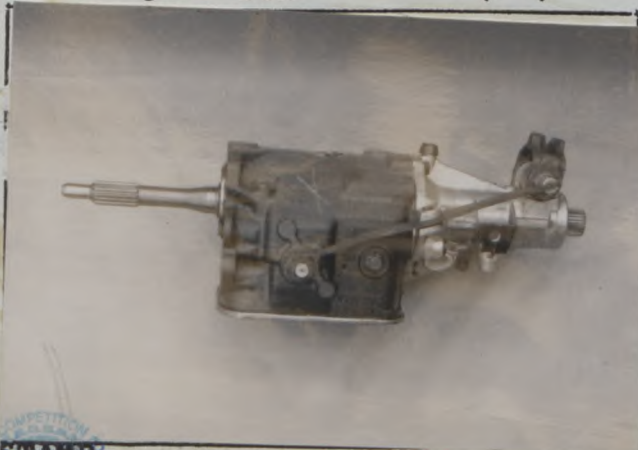
F brake, front (**)



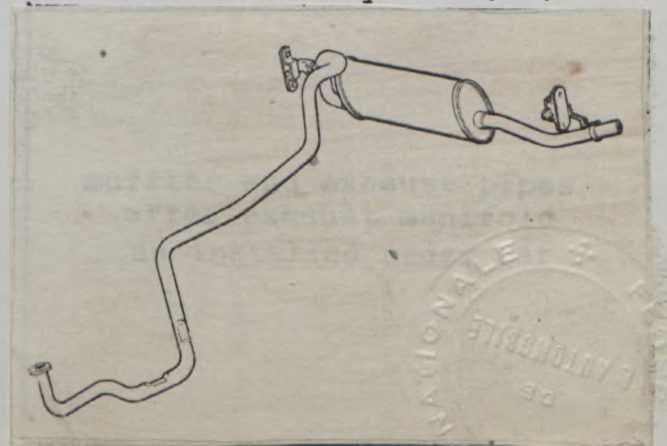
G brake, rear (**)



H gear box (**)



I exhaust system ()



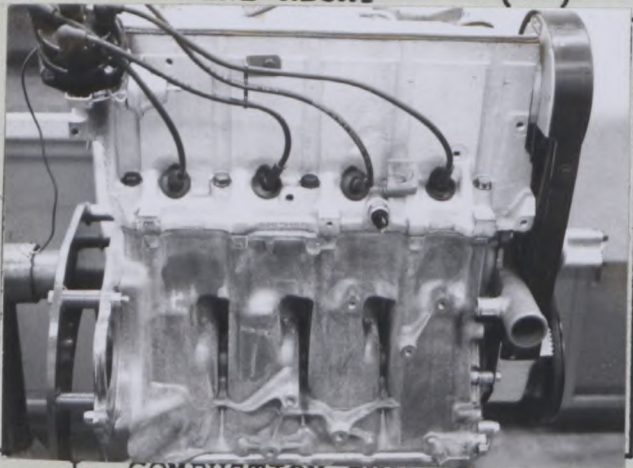
STAMP

MAKE Chevrolet - Vega 2300

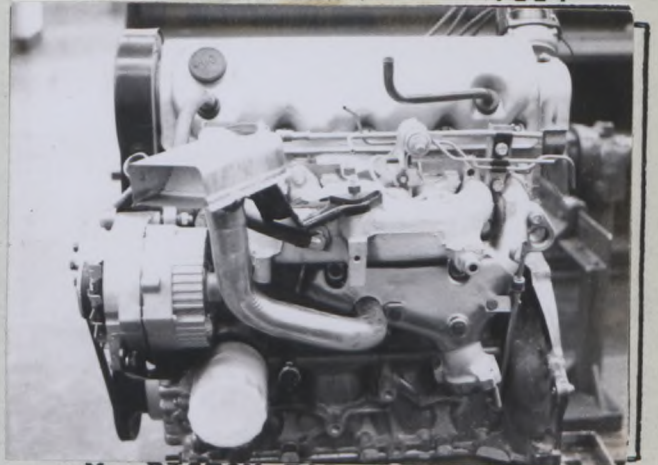
MODEL 14177

FIA REC # 5363

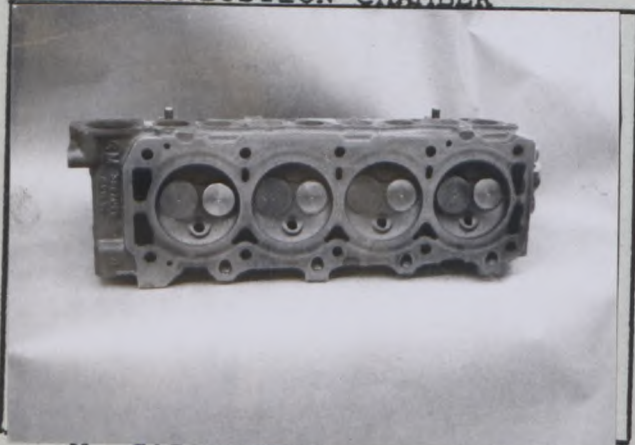
J ENGINE RIGHT (**)



K ENGINE LEFT (**)



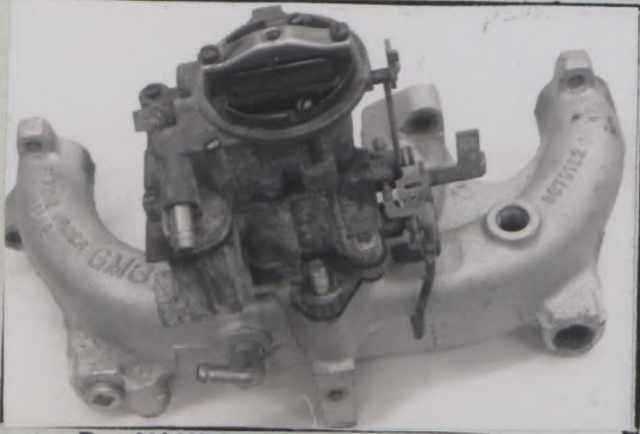
L COMBUSTION CHAMBER



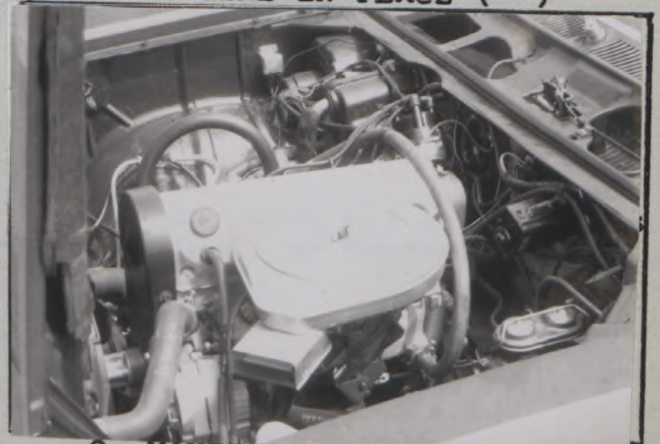
M PISTON TOP



N CARBURETOR



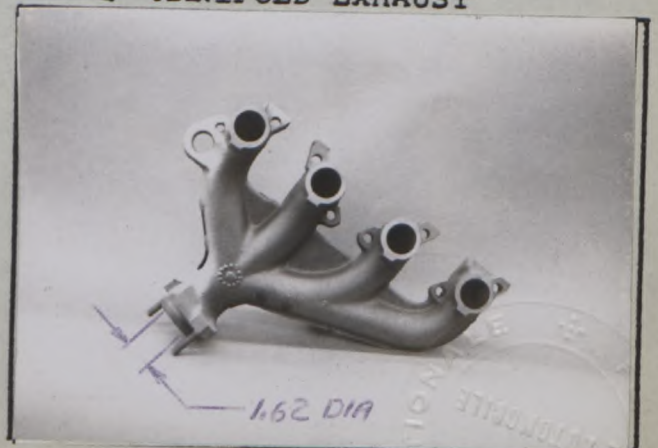
O ENGINE IN PLACE (**)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



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MODEL 14177

FIA REC # 5369

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES.

Inlet

Manifold

Porting

Cyl.

Head

Face

$.18 \pm .03$

$.66 \pm .03R$

$.66 \pm .03R$

Cylinder

Head

Porting

Inlet

Face

$.18 \pm .03$

$.69 \pm .03R$

$.69 \pm .03R$

Exhaust

Manifold

Porting

Cyl. Head

Face

$1.32 \pm .03 \text{ dia.}$

Cylinder

Head

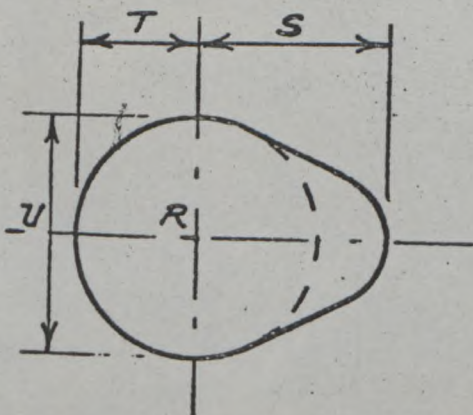
Porting

Exhaust

Face

$1.24 \pm .03R$

CAM



Inlet cam

S= _____ mm 1.071 in

T= _____ mm .652 in

U= _____ mm 1.304 in

Exhaust cam

S= _____ mm 1.082 in

T= _____ mm .652 in

U= _____ mm 1.324 in



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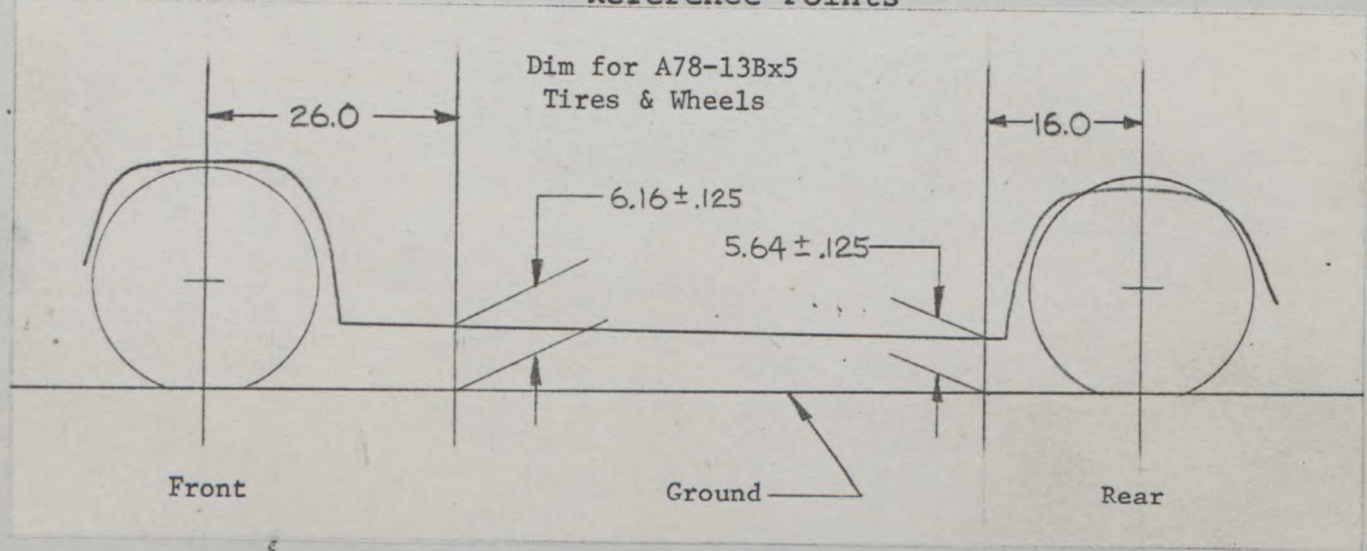
IMPORTANT: Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system.
See conversion table at index.

CAPACITIES & DIMENSIONS

- (**) 1. Wheelbase 2463.8 mm 97.0 in
 - (**) 2. Front track 1387 mm 54.6 in +
 - (**) 3. Rear track 1374 mm 54.1 in +
- + Differences in track resulting from use of optional wheel and rim sizes must be stipulated on recognition application forms.

Dimensional relationship between track (front and/or rear) and ground clearance resulting from use of optional wheel sizes shall also be stipulated and a sketch illustrating suspension reference points shall be shown below to establish the "reference chassis height." The reference chassis height dimension is to be used only when checking track and shall not affect eligibility of car in any manner.

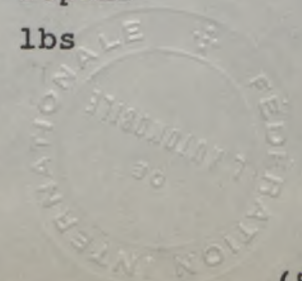
Sketch, Ground Clearance: Dimensional Suspension & Chassis Reference Points"



- 4. Overall length of car 431.04 cm 169.7 in
- 5. Overall width of car 166.12 cm 65.4 in
- 6. Overall height of car 130.05 cm 51.2 in
- 7. Capacity of fuel tank (reserve included) 41.64 ltrs.
11 gallons US gallons, Imp.
- 8. Seating capacity 4
- (**) 9. Weight - total weight of car with normal equipment, water, oil and spare wheel but without fuel or repair tools. 978.2 kg 2157 lbs



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CHASSIS & BODYWORK - Photos A, B, C

- (**) 20. Chassis/body construction - separate/unit construction
- (**) 21. Unit construction - material/s steel
- (**) 22. Chassis - material/s steel separate construction
- (**) 23. Body - material/s steel separate construction
- (**) 24. Doors - number 2 material/s steel
- (**) 25. Hood - material/s steel
- (**) 26. Trunk Lid - material/s steel
- 27. Window, Rear - material/s glass - tempered plate
- 28. Windshield - material/s glass - laminated
- 29. Windows, front door - material/s glass - tempered plate
- 30. Windows, rear door - material/s none
- 31. Windows - actuating system sector gear and linkage
- 32. Window, rear quarter - material/s glass

ACCESSORIES AND UPHOLSTERY

- 38. Heating, interior - yes no optional
- 39. Air conditioning - yes no optional
- 40. Ventilation - yes no
- () 41. Seats, front - type of seat and upholstery vinyl
- 42. Seats, front - weight
(complete with supports & rails out of car) — kg 78.5 lbs
- CHECK: BENCH _____ BUCKET .x CONSOLE INCLUDED _____
- 43. Seats, rear - type of seat and upholstery vinyl
- 44. Bumper, front - material/s steel kg ----lbs 8.0 Weight
- 45. Bumper, rear - material/s steel kg ----lbs 8.82 Weight

WHEELS

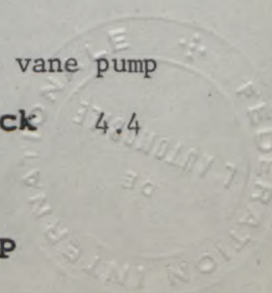
- 50. Type pressed steel
- 51. Weight (per wheel, without tire)----kg 14.35 lbs
- 52. Method of attachment 4 studs 4" dia. bolt circle
- 53. Rim, diameter ----- mm 13 in
- 54. Rim, width ----- mm 5 in

STEERING

- 60. Type recirculating ball - worm and sector
- 61. Servo assistance optional - hydraulic - engine driven vane pump
- 62. Number of turns of steering wheel from lock to lock 4.4
- 63. In case of servo assistance 3.25



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SUSPENSION

- (**) 70. Suspension, front (photo D) - type unequal length upper & lower control arms
- (**) 71. Spring - type coil
- () 72. Stabilizer - if fitted none
- 73. Shock absorbers - number one per wheel
- 74. Type tubular - direct acting
- (**) 78. Suspension, rear (photo E) - type Salisbury axle with coil springs & control arms
- (**) 79. Spring - type coil
- () 80. Stabilizer - if fitted none
- 81. Shock absorbers - number one per wheel
- 82. Type tubular - direct acting

BRAKES (Photos E and F)

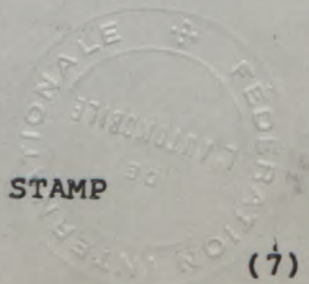
- (**) 90. Method of operation Hydraulic
- () 91. Power assisted (if fitted) - type not available
- 92. Master Cylinders - number and type one - dual system
(indicate if duplex master cylinder) Front Rear
- 93. Cylinders - number per wheel 1 1
- 94. Cylinders - wheel bore — mm 1.875in — mm .75 in
(indicate stepped bore dimensions if applicable)

Drum Brakes

- | | <u>Front</u> | <u>Rear</u> |
|------------------------------|--------------|----------------|
| 95. Diameter, inside | --mm --in | --mm 9.0 in |
| 96. Linings, length | --mm --in | --mm 9.58 in |
| 97. Linings, width | --mm --in | --mm 1.18 in |
| 98. Shoes - number per brake | | 2 |
| 99. Area, total - per brake | --mm2 --in2 | -- mm246.6 in2 |

Disc Brakes

- | | | |
|------------------------------|--------------|---------------|
| 100. Diameter, outside | — mm 9.64 in | — mm --- in |
| 101. Thickness of disc | — mm .50 in | — mm --- in |
| 102. Lining - length | — mm 3.64 in | — mm --- in |
| 103. Lining - width | — mm 1.60 in | — mm --- in |
| 104. Pads - number per brake | 2 | |
| 105. Area, total - per brake | — mm21.8 in2 | — mm2 --- in2 |



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MODEL 14177

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ENGINE (Photos J and K)

- (**) 130. Cycle two X four Wankel
- (**) 131. Cylinders - number four (4)
- (**) 132. Cylinders - arrangement In-line Wankel - # of elements and basic dimensions
- (**) 133. Bore -- mm 3.501 in
- (**) 134. Stroke -- mm 3.625 in
- (**) 135. Cylinders - capacity -- cm3 35 in3
- (**) 136. Cylinders, total capacity -- cm3 140 in3
- (**) 137. Cylinder Block - material/s aluminum alloy
- (**) 138. Sleeves - material/s (if fitted) none
- (**) 139. Head, cylinder - material/s cast iron number fitted one (1)
- (**) 140. Port, inlet - number four (4)
- (**) 141. Port, exhaust - number four (4)
- () 142. Compression - ratio 8.00:1 (nominal)
- () 143. Combustion chamber - volume 70.0 cm3 ----- in3
min.
- () 144. Piston - material/s aluminum
- () 145. Rings - number three (3)
- () 146. Distance from gudgeon pin centre line to highest point of piston crown
----- mm 1.502 in
1.498
- (**) 147. Crankshaft - cast-forged-mach from solid cast nodular iron
- (**) 148. Crankshaft - type - integral - sectioned - # of sections
- (**) 149. Crankshaft, main bearings - number five (5)
- (**) 150. Bearing cap - material/s cast iron
151. Lubrication - system - dry sump/oil in sump
152. Lubricant - capacity --- ltrs ---- pts (4) qts US
- () 153. Cooler, oil - yes no
154. Cooling - method water
155. Cooling - capacity of system -- ltrs -- pts 8.5 qts US



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- () 156. Fan, cooling (if fitted) - diameter cm 14.0 in
() 157. Fan, cooling - number of blades 5 material/s plastic

BEARINGS

- (**) 158. Crankshaft, main - type insert diameter mm 2.3004 in
(**) 159. Connecting rod, big end - type insert diameter mm 1.9995 in

WEIGHTS

- () 160. Flywheel (clean) kg 28.7 lbs
() 161. Flywheel with clutch (all rotating parts) kg 38.44 lbs
() 162. Crankshaft kg 39.112 lbs
163. Connecting Rod kg 1.809 lbs
() 164. Piston with rings & pin kg 1.229 lbs

FOUR CYCLE ENGINES

- (**) 170. Camshafts - number one (1) material/s cast iron
(**) 171. Camshaft - location cylinder head
(**) 172. Camshaft Drive, type fiberglass reinforced timing belt
(**) 173. Valve operation - type direct

INLET (See Photo P) (for addtl info re 2 stroke engines and super charged, see page 15)

180. Inlet manifold - materials cast iron
181. Valves (overall) - diameter mm 1.625 in
() 182. Valve lift - maximum mm .437 in
183. Springs, valve - number two (2)
184. Spring - type coil and damper
(**) 185. Valves, per cylinder - number one (1)
() 186. Tappet - clearance for checking timing (cold) mm .015 in
() 187. Valves - open at (with tolerance for tappet clearance indicated) 22° BTC
() 188. Valves - close at (with tolerance for tappet clearance indicated) 58° ABC
() 189. Air filter - type Paper



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EXHAUST (See Photo Q)

- 195. Manifold, exhaust - material/s cast iron =
- 196. Valves (overall) - diameter -- mm 1.380 in
- 197. Valve, lift - maximum -- mm .4366in
- 198. Valve Springs/valve - number two' (2)
- 199. Springs - type coil and damper
- (**) 200. Valves - number per cylinder one (1)
- () 201. Tappet - clearance for checking timing (cold)
-- mm .030 in
- () 202. Valves - open at (with tolerance for tappet 92° BBC
clearance indicated)
- () 203. Valves - close at (with tolerance for tappet 48° ATC
clearance indicated)

CARBURETION (See Photo N)

- 210. Carburetors, fitted - number one (1)
- 211. Type downdraft
- () 212. Make Rochester
- () 213. Model 7041023
- 214. Carburetors - number of mixture passages one (1)
- () 215. Carburetor - flange hole diameter of exit port
-- mm 1.44 in
- 216. Venturi - throat diameter+ -- mm 1 7/32 in

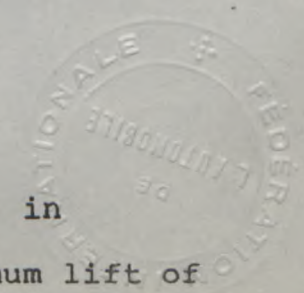
INJECTION (NOT APPLICABLE)

- 220. Pump - make
- 221. Plungers - number
- () 222. Pump - model
- 223. Injectors - location
- 224. Injectors - total number
- () 225. Inlet pipe - minimum diameter mm in

+ For variable throat type carburetors, indicate minimum lift of shutter mechanism such as pistons in S.U.



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ENGINE ACCESSORIES

- () 230. Pump, fuel - mechanical and/or electrical
231. Number fitted one (1)
232. Ignition system - type coil
233. Distributors - number one (1)
234. Coils, ignition - number one (1)
235. Spark plugs - number per cylinder one (1)
236. Generator (or Alternator) - number fitted one (1)
237. Drive - method belt and pulley
238. Voltage, generator - volts 12 V.D.C.
239. Battery - number one (1)
240. Location under hood
241. -Voltage - volts 12 amp hrs 45

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

- () 250. Horsepower - maximum engine output 110 at 4800 rpm
(indicate SAE or DIN)
() 251. RPM - maximum N.A. output at that figure
() 252. Torque - maximum 136 at 2400 rpm
() 253. Speed - maximum N.A. km/hour N.A. miles/hour

DRIVE TRAIN

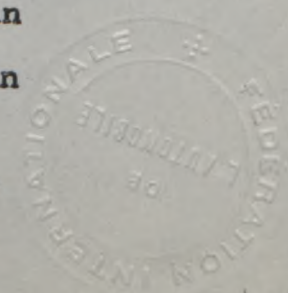
Clutch

260. Type dry disc
261. Plates - number of driven one (1)
262. Plates - diameter ----- cm 9.12 in
263. Linings - diameter - inside ----- cm 6.12 in
Linings - diameter - outside ----- cm 9.12 in
264. Method of operation mechanical

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MAKE Chevrolet - Vega 2300MODEL 14177

FIA REC #

5369Gear Box (Photo H)

- (**) 270. Manual type - make Chevrolet
- (**) 271. Ratios, forward - number Three (3)
272. Ratios, forward - number synchronized Three (3)
273. Gear-Shift - location floor optional _____
- (**) 274. Automatic - make Chevrolet type Powerglide
- (**) 275. Ratios, forward - number Two (2)
276. Gear-Shift - location Floor

277.	Manual		Automatic *		Alternative manual/automatic			
	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth
1	3.24	$\frac{25 \times 33}{17 \times 15}$	4.18-1.82		3.43	$\frac{23 \times 31}{16 \times 13}$	4.73-1.82	
2	1.68	$\frac{25 \times 24}{17 \times 21}$	2.30-1.00		2.16	$\frac{23 \times 24}{16 \times 16}$	2.60-1.00	
3	1.00				1.37	$\frac{23 \times 19}{16 \times 20}$		
4					1.00			
5								
6								
reverse	3.34	$\frac{25 \times 19 \times 30}{17 \times 13 \times 19}$	4.73-1.82		3.32	$\frac{23 \times 19 \times 30}{16 \times 13 \times 19}$	4.73-1.82	

*Automatic transmission ratios are produced by the action and/or interaction of two planetary gear sets

278. Overdrive - type None
279. Forward gears on which overdrive can be selected
280. Overdrive - ratio None

FINAL DRIVE

- (**) 290. Type Salisbury
- (**) 291. Differential - type Hypoid ring and pinion
- (**) 292. Limited Slip Differential (if fitted) - type friction plate
293. Ratio 2.92 3.36
- Teeth - number 13/38 11/37

(/) Specify friction or tooth type locking differential



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MAKE Chevrolet - Vega 2300

MODEL 14177

FIA REC # 5369

IMPORTANT

The conformity of the car with the following items of the present recognition form is to be disregarded during the technical inspection when the vehicle has been entered in Group II (Touring Cars) or III (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, photos I, M, N & items on page 5 as indicated.

During the technical inspection of cars entered in Group IV (Sports Cars) 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 & photos A, B, D, E, F, G, H, J, K, O.

Optional equipment affecting preceding information:

CATALOGUE PART NUMBER MUST BE GIVEN

H. Powerglide Transmission
P/N 3987934 RPO M-35



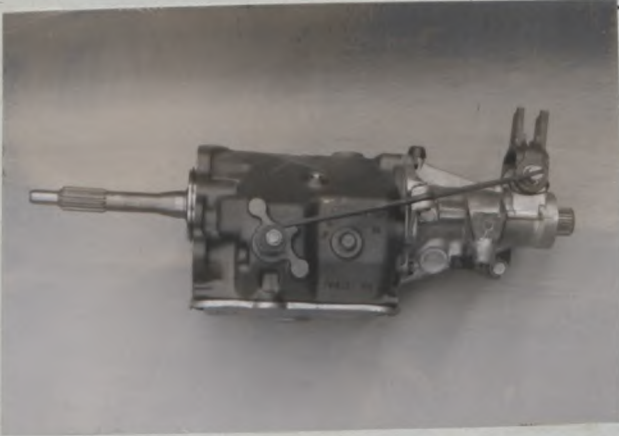
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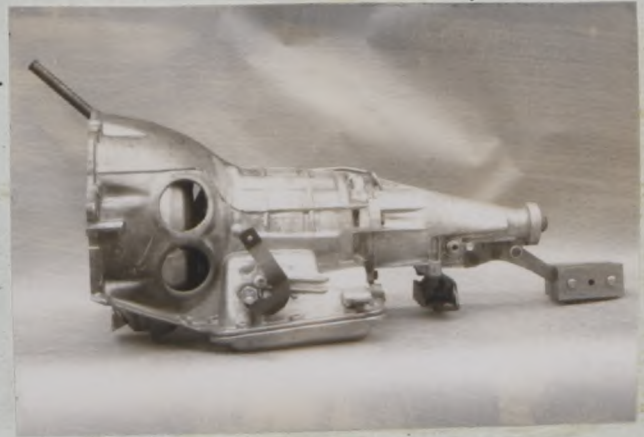
MAKE Chevrolet - Vega 2300 MODEL 14177 FIA REC # 5369

Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

H. 4-Spd. Transmission
P/N 3455091 RPO M-20



H. Torque Drive Transmission
P/N 3981721 RPO MB1



Item 293 Optional Axle Ratios

Part No. 3987348 - 2.52 differential ratio 15/38

Item 72 Stabilizer - front - shaft with links Part #3992911 RPO F-41
Item 80 Stabilizer - rear - shaft Part #3978063 RPO F-41
Item 54 Wheel rim - width - 6 in.



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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN
RPO L-11 ENGINE

Item 250 Horsepower 110 at 4800 RPM
Item 252 Torque 138 at 3200 RPM

Item 182 Valve lift maximum .4366 in. Intake
Item 187 Valves open 25° BTC
Item 188 Valves close 71° ABC

Item 197 Valve lift maximum .4366 in. Exhaust
Item 202 Valves open 101° BBC
Item 203 Valves close 55° ATC

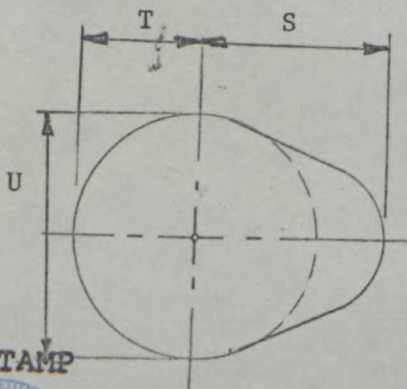
Item 213 Carburetor Model 7041181
Item 214 Carburetor - number of mixture passages - two (2)
Item 215 Carburetor - flange hole diameter - 1.44 in.
Item 216 Venturi - throat diameter 1 3/32 in.



Photograph P



Photograph N



Inlet cam
S= — mm 1.088 in
T= — mm .652 in
U= — mm 1.309 in

Exhaust cam
S= — mm 1.088 in
T= — mm .652 in
U= — mm 1.330 in

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MAKE Chevrolet - Vega 2300 MODEL 14177 FIA NO. _____
 GROUP 1



Telephone: (203) 348-6233

Cable Address: "ACCUSFIA" Stamford, Conn.

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA, INC.
 433 MAIN STREET, STAMFORD, CONN. 06901

Federation Internationale de l'Automobile
FORM OF RECOGNITION

In accordance with Appendix "J" of the International Sporting Code

I N D E X

<u>ITEM</u>	<u>NUMBERS</u>	<u>PAGES</u>
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Sketches		4
Capacities & Dimensions	1-9	5
Chassis & Bodywork	20-32	6
Accessories & Upholstery	38-45	6
Wheels	50-54	6
Steering	60-63	6
Suspension	70-82	7
Brakes	90-105	7
Engine	130-203	8-10
Carburetion	210-216	10
Injection	220-225	10
Engine Accessories	230-241	11
Engine & Car Performance	250-253	11
Drive Train	260-293	11-12
Optional Equipment		13-14
Variants & Evolutions, if any		15-

CONVERSION TABLE:

1 inch / pouce	2.54 cm	
1 foot / pied	30.479 cm	
1 square inch / pouce carre	6.452 cm ²	
1 cubic inch / pouce cube	16.387 cm ³	
1 pound (lb.) / livre	453.593 gr	
1 pint (U.S.)	.473 ltrs	.833 pt. Imp.
1 quart (U.S.)	.946 ltrs	.833 qt. Imp.
1 gallon (U.S.)	3.785 ltrs	.833 gal. Imp.
1 pint (Imp.)	.568 ltrs	1.20 pt. U.S.
1 quart (Imp.)	1.136 ltrs	1.20 qt. U.S.
1 gallon (Imp.)	4.546 ltrs	1.20 gal. U.S.



MAKE Chevrolet - Vega 2300 MODEL 14177 FIA REC NO 5369 V 1/10



1/1/71
List 71/1

Telephone: (203) 348-6233

Cable Address: "ACCUSFIA" Stamford, Conn.

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA, INC.

433 MAIN STREET, STAMFORD, CONN. 06901

VARIANT FORM - In accordance with Appendix "J" of the International Sporting Code

A variant is one or several changes which noticeably modify either the performance or main characteristics of the car, but concerns only a part of the production run.

Recognition is granted a variant only after it has met the same production requirements as the FIA Group in which the original model was recognized (I-5000; II-1000; III-500; IV-50)

In filing this form, each change must be fully documented as required in the original recognition form, using the same item numbering keys and including sketches or photos as and if required in the original form.

Vega 2300 with "GT" Option

Photo A 3/4 Front View

Photo C Interior-Car



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MAKE Chevrolet - Vega 2300 MODEL 14177 REC. NO. 5369 V 1/1U

<u>Item</u>	<u>Wheels</u>
54	Rim - width 6 in.
72	Stabilizer - front shaft with links part #3992911 RPO F-41
80	Stabilizer - rear - shaft part #3978063 RPO F-41

Vega "GT" Package includes RPO L-11 engine as standard equipment and is described on Recognition Form FIA No. 5369

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3/3V



**AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.**

330 Vanderbilt Motor Parkway
HAUPPAUGE, L. I., NEW YORK 11787

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

DOCUMENT OF HOMOLOGATION EXTENSION
IN CONFORMITY WITH APPENDIX J OF THE INTERNATIONAL SPORTING CODE

Make Chevrolet Vega Model Hatchback Coupe 1HV77

Serial numbers initiating the modifications described below: Chassis/Body 1V77B4U 100001
Engine T 910 CAD

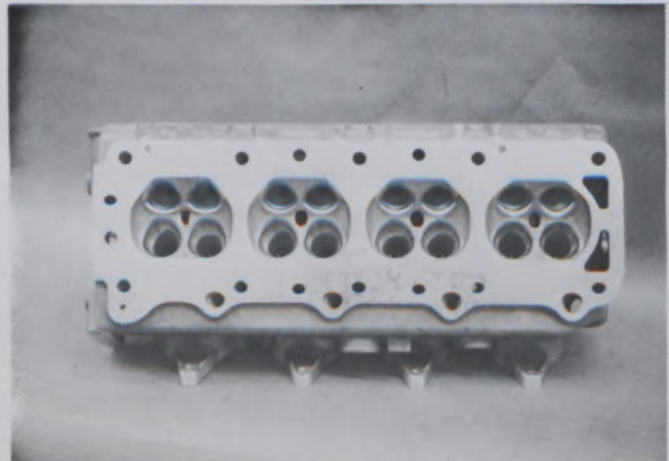
Date of production of first vehicles incorporating modifications: June 1 1973

Designation of vehicles incorporating modifications: _____

This homologation extension is to be considered as a: VARIANT (Option) Variant
NORMAL EVOLUTION OF TYPE _____
(Replaces previous design) _____

This Homologation is valid from 1.8 1973 List _____

DESCRIPTION OF MODIFICATIONS: Details for amendment form for 100 unit optional cylinder heads - to fit standard 2300 Vega



"valable en Groupe 2 uniquement"
"valid for Group 2 only"

Photograph L
Combustion Chamber
Part #EA 0001 Cylinder Head
Signature & Stamp of
National Sporting Authority

View of Inlet Manifold
Side of Cylinder Head
Signature & Stamp
of the F.I.A.

[Handwritten signature and stamp]

ITEM

- 139 Cylinder head material - Aluminum alloy 1 fitted.
- 140 Inlet port - 4 pairs of siamesed ports
- 141 Exhaust port - 4 pairs of siamesed ports
- 142 Compression Ratio 12:1
- 143 Combustion chamber volume - 1 off - 2.15 cu. in. 35.232 cc

- 170 Camshafts - 2, = material - steel
- 171 Location - camshaft carrier on top of head
- 172 Camshaft drive - Toothed belt and sprocket
- 173 Valve operation - direct

INLET

- 180 Inlet Manifold - Magnesium alloy
- 181 Valve inlet 1.400/1.405 dia. in. 35.63 mm
- 182 Valve lift - .410 - less tappet clearance 10.41 mm
- 183 Valve springs. Two (2) outer, Two (2) inner
- 184 Spring type, coil
- 185 Valve - number two (2)
- 186 Tappet clearance - .008/.009 in. (cold) .20 mm
- 187 Valve open, 58° before top dead center (.010 tappet clearance)
- 188 Valve close, 82° after bottom dead center (.010 tappet clearance)

EXHAUST

- 195 Manifold - steel
- 196 Valve diameter - 1.200/1.205 dia. in. 30.55 mm
- 197 Valve lift - .410 less tappet clearance 10.41 mm
- 198 Valve springs - Two (2) outer, Two (2) inner
- 199 Spring type - coil
- 200 Valve - number two (2)
- 201 Tappet clearance .011/.012 in. (cold) .28 mm
- 202 Valve open, 82° before bottom dead center (.010 tappet clearance)
- 203 Valve close, 58° after top dead center (.010 tappet clearance)

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MAKE Chevrolet Vega

MODEL 1 HV 77

FIA REC # 5369

3/3V

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES.

Inlet

Manifold

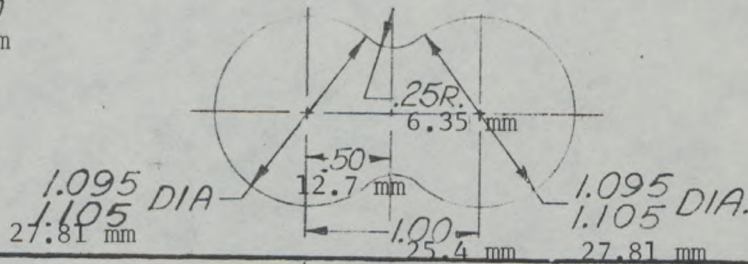
Porting

Cyl.

Head

Face

$\pm .010$
.25 mm



Cylinder

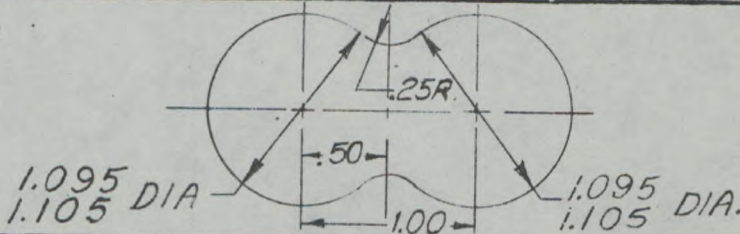
Head

Porting

Inlet

Face

$\pm .010$



Exhaust

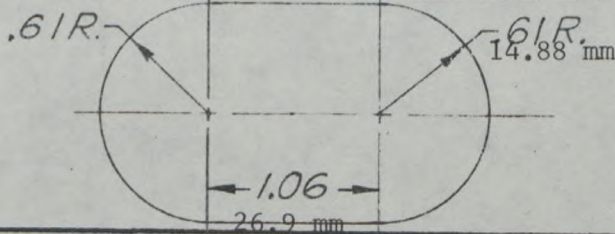
Manifold

Porting

Cyl. Head

Face

$\pm .020$
.50 mm



Cylinder

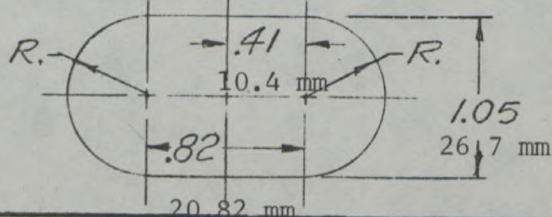
Head

Porting

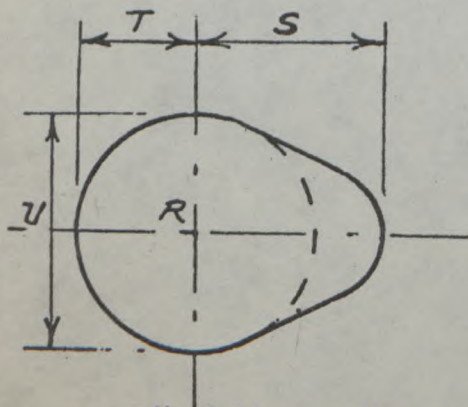
Exhaust

Face

$\pm .030$
.762 mm



CAM



Inlet cam

S=	mm	23.39	in	.921/.919
T=	mm	12.95	in	.511/.509
U=	mm	26.21	in	1.030/1.034

Exhaust cam

S=	mm	23.34	in	.921/.919
T=	mm	12.95	in	.511/.509
U=	mm	26.21	in	1.030/1.034

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STAMP

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