

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

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

FIA NO. 5310

GROUP I

Federation Internationale de l'Automobile
FORM OF RECOGNITION

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

Cylinder capacity 5735.45 cm3 350 in3

Manufacturer Chevrolet Model Camaro

Serial # Chassis 124870 N 100001 Manufacturer Chevrolet GMC

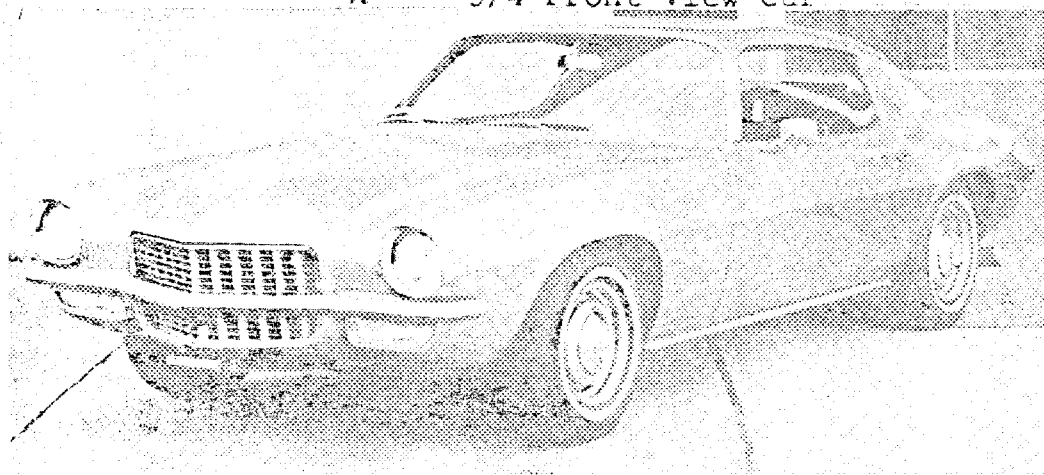
Serial # Engine ----- Manufacturer Chevrolet GMC

Recognition valid from 1/4/70 List 70/4

The manufacturing of the model described in this recognition form was started on January 5, 1970 and the minimum production of 8,300 identical cars, in accordance with the specifications of this form, was reached on February 15, 19 70.

(**) 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. Oliveau
JOHN V. OLIVEAU
TECHNICAL DIRECTOR

Stamp/Signature
F.I.A.

[Signature]
F.I.A.
(1)

MAKE Chevrolet Camaro

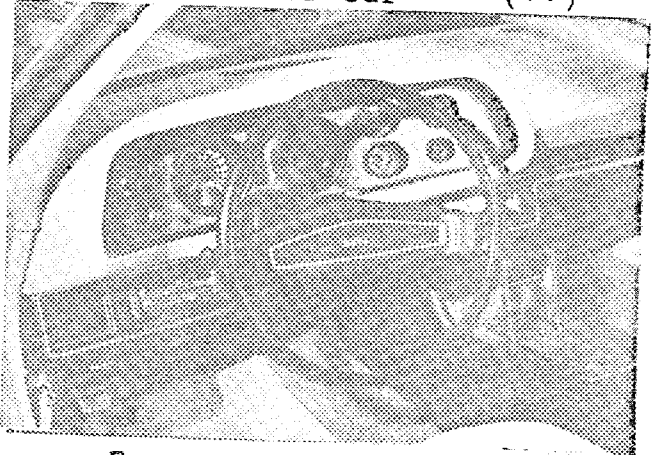
MODEL 12487 - 350 *

FIA REC # 5310

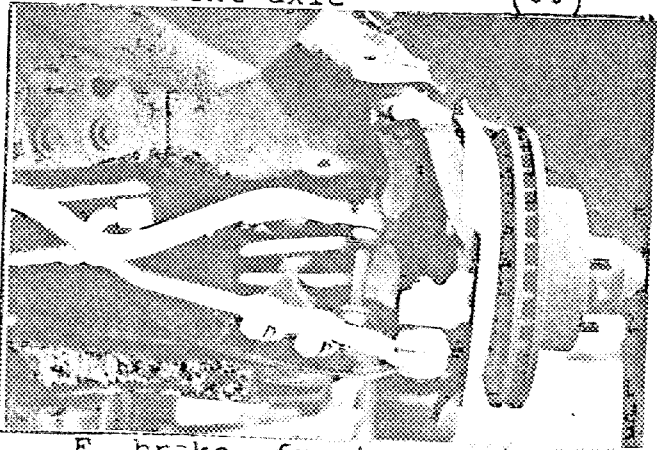
B 3/4 rear car (**)



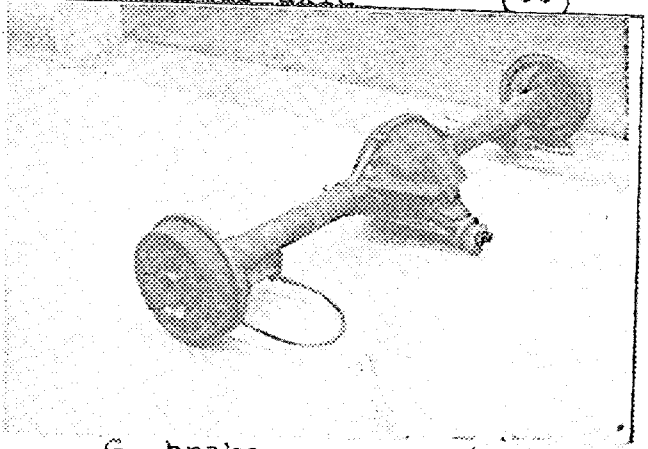
C interior-car (**)



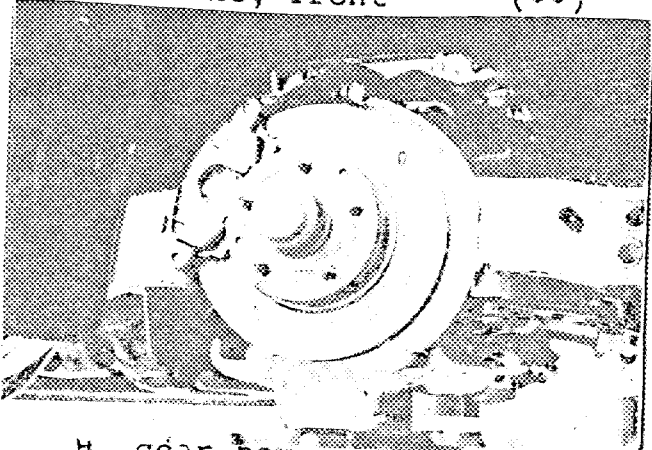
D front axle (**)



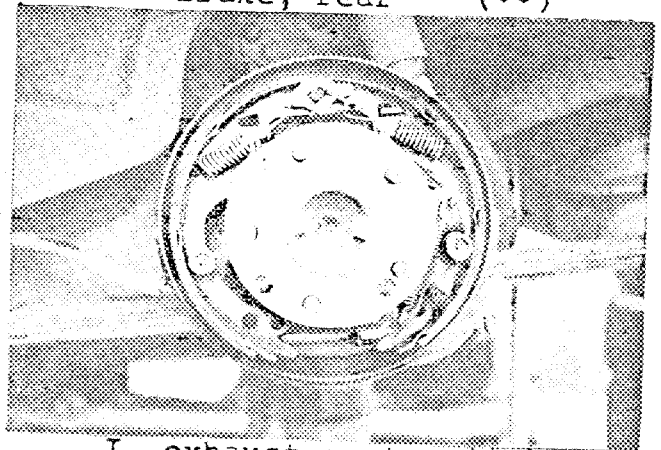
E rear axle (**)



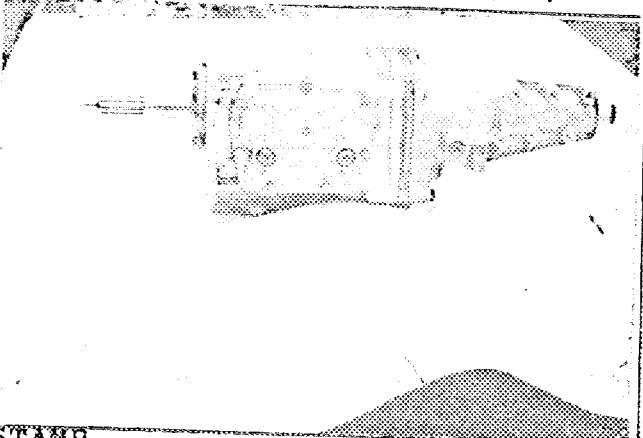
F brake, front (**)



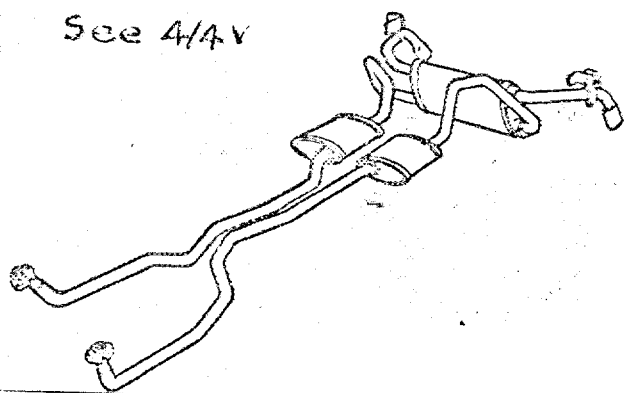
G brake, rear (**)



H gear box (**)



I exhaust system ()



See 4/4v

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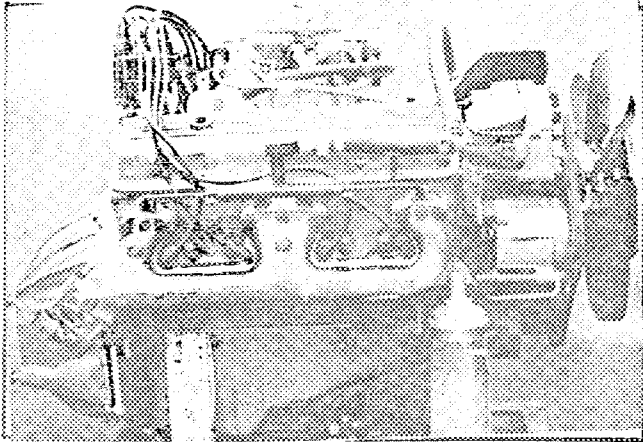
*All components shown are common to 350, 402, 454 in³ engines.

MAKE Chevrolet Camaro

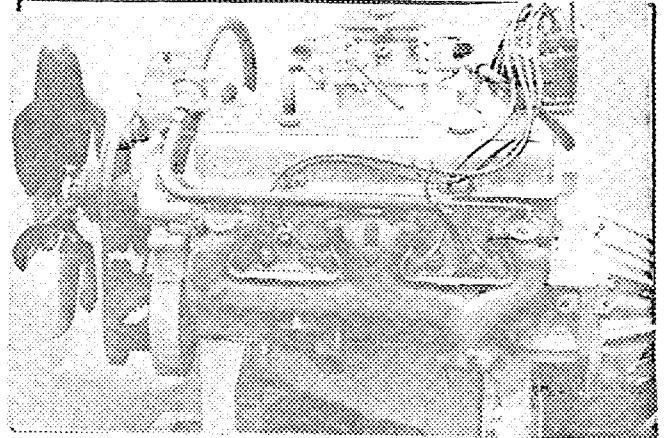
MODEL 12487 - 350

FIA REC # 5310

J ENGINE RIGHT (**)

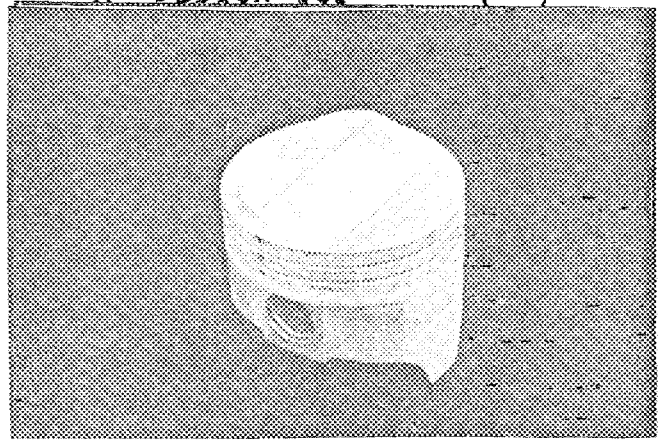
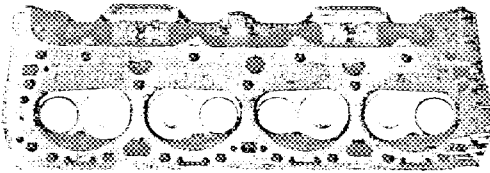


K ENGINE LEFT (**)



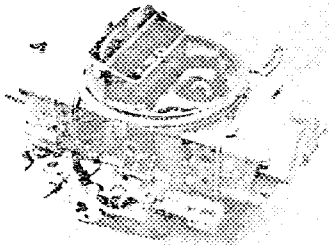
L COMBUSTION CHAMBER

M PISTON TOP ()



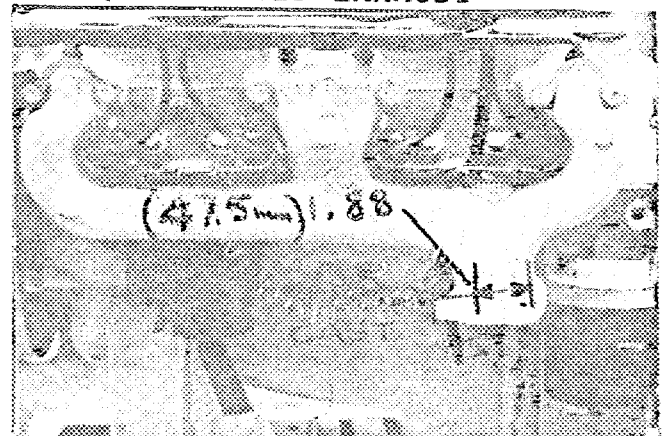
10.71 : 1 RATIO
N CARBURETOR ()

O ENGINE IN PLACE (**)



P MANIFOLD INLET

Q MANIFOLD EXHAUST



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MAKE Chevrolet Camaro MODEL 12487 - 350 in³ FIA REC # 5310

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. (DIMENSIONS SHOWN IN INCHES)

Inlet

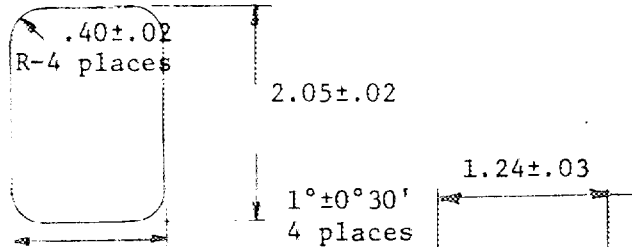
Manifold

Porting

Cyl.

Head

Face



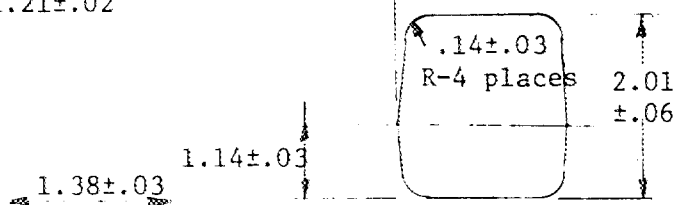
Cylinder

Head

Porting

Inlet

Face



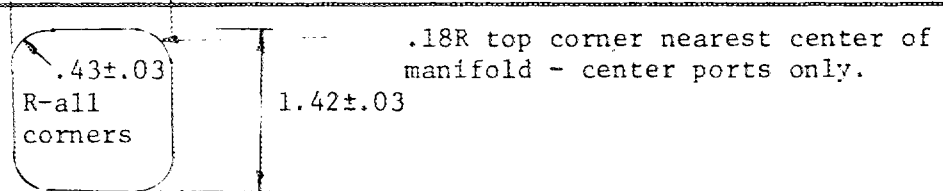
Exhaust

Manifold

Porting

Cyl. Head

Face



Cylinder

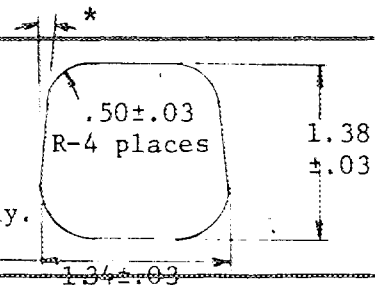
Head

Porting

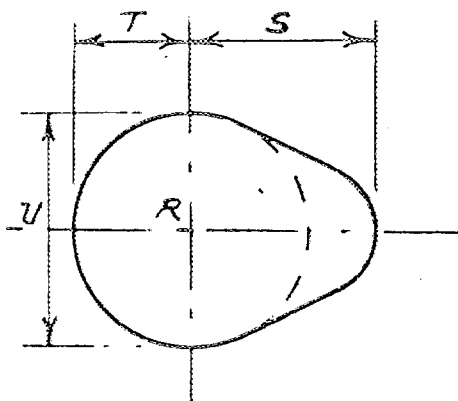
Exhaust

Face

*2° ± 0°30'
2 places
except 8° ± 0°30' on side
nearest center of manifold on center ports only.



CAM



Inlet cam

S = 23.000 mm .9055 in ± 0.01
T = 15.233 mm .59974 in ± 0.01
U = 30.467 mm 1.19948 in ± 0.02

Exhaust cam

S = 23.447 mm .9231 in ± 0.01
T = 15.233 mm .59974 in ± 0.01
U = 30.467 mm 1.19948 in ± 0.02

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MAKE Chevrolet Camaro MODEL 12487 - 350 in³ FIA REC # 5310

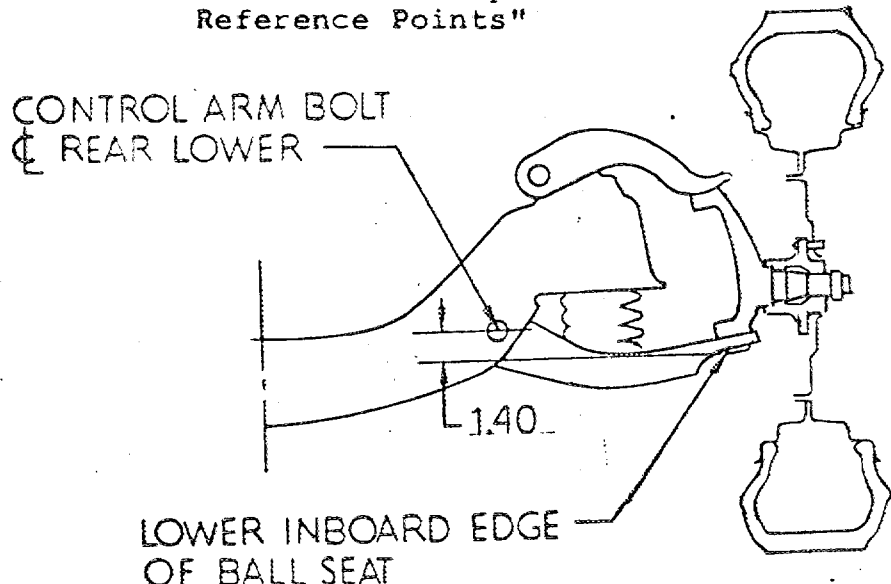
IMPORTANT: Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system.
See conversion table at index.

CAPACITIES & DIMENSIONS

- (**) 1. Wheelbase 2743.2 mm 108 in
 - (**) 2. Front track with 7" rim 155.7 mm 61.3 in +
 - (**) 3. Rear track with 7" rim 153.7 mm 60.5 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 477.52 cm 188.0 in
- 5. Overall width of car 196.6 cm 74.4 in
- 6. Overall height of car 128.3 cm 50.5 in
- 7. Capacity of fuel tank (reserve included) 77.6 ltrs.
20.5 gallons US 17.08 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. 1438 kg 3054 lbs

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MAKE Chevrolet Camaro MODEL 12487 - 350 in³ FIA REC # 5310

CHASSIS & BODYWORK - Photos A, B, C

- (**) 20. Chassis/body construction - separate/unit construction
- (**) 21. Unit construction - material/s Stamped 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 tempered glass
- 28. Windshield - material/s laminated safety glass
- 29. Windows, front door - material/s safety glass
- 30. Windows, rear door - material/s
- 31. Windows - actuating system Sector gear and linkage
- 32. Window, rear quarter - material/s safety 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) 17.5 kg 38.6 lbs
- CHECK: BENCH _____ BUCKET CONSOLE INCLUDED NO
- 43. Seats, rear - type of seat and upholstery Vinyl
- 44. Bumper, front - material/s steel kg lbs 11.0 Weight
- 45. Bumper, rear - material/s steel kg lbs 11.25 Weight

WHEELS

- 50. Type Pressed steel
- 51. Weight (per wheel, without tire) 8.6 kg 19 lbs
- 52. Method of attachment Five nuts
- 53. Rim, diameter 381.0 mm 15.0 in
- 54. Rim, width 178.0 mm 7.0 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 4.1
- 63. In case of servo assistance 2.29

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MAKE Chevrolet Camaro

MODEL 12487 - 350

FIA REC # 5310

SUSPENSION

- (**) 70. Suspension, front (photo D) - type
- (**) 71. Spring - type Coil
- () 72. Stabilizer - if fitted Shaft with links
- 73. Shock absorbers - number one per wheel
- 74. Type Tubular - direct acting
- (**) 78. Suspension, rear (photo E) - type Hotchkiss
- (**) 79. Spring - type Leaf
- () 80. Stabilizer - if fitted Torsion bar
- 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 Integral vacuum power assist
- 92. Master Cylinders - number and type One (1) dual system
(indicate if duplex master cylinder) Front Rear
- 93. Cylinders - number per wheel 1 1
- 94. Cylinders - wheel bore 1.125 mm in mm .875 in
(indicate stepped bore dimensions if applicable)

Drum Brakes

| | <u>Front</u> | <u>Rear</u> |
|------------------------------|-----------------|-------------|
| 95. Diameter, inside | mm-----in24.1mm | 9.5 in |
| 96. Linings, length | mm-----in47.6mm | 18.75 in |
| 97. Linings, width | mm-----in5.1mm | 2.0 in |
| 98. Shoes - number per brake | ----- | 2 |
| 99. Area, total - per brake | mm2-----in2 | mm2 in2 |

Disc Brakes

| | | | | |
|------------------------------|-----------|----------|-----|-----|
| 100. Diameter, outside | 27.9 mm | 11.0in | mm | in |
| 101. Thickness of disc | 2.5 mm | 1.00in | mm | in |
| 102. Lining - length | 13.7 mm | 5.40in | mm | in |
| 103. Lining - width | 4.9 mm | 1.93in | mm | in |
| 104. Pads - number per brake | 2 | | | |
| 105. Area, total - per brake | 134.2 mm2 | 220.8in2 | mm2 | in2 |

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MAKE Chevrolet Camaro

MODEL 12487-350 in³

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ENGINE (Photos J and K)

- (**) 130. Cycle two four X Wankel
- (**) 131. Cylinders - number Eight (8)
- (**) 132. Cylinders - arrangement Vee Wankel - # of elements and basic dimensions
- (**) 133. Bore 101.63 ± .04 mm 4.0010 ± .0015 in
- (**) 134. Stroke 88.39 ± .13 mm 3.480 ± .005 in
- (**) 135. Cylinders - capacity 716.984 cm³ 43.753 in³
- (**) 136. Cylinders, total capacity cm³ in³ 5735.874 cm³ 350.022 in³) Nominal
- (**) 137. Cylinder Block - material/s Cast iron
- (**) 138. Sleeves - material/s (if fitted) None
- (**) 139. Head, cylinder - material/s Cast iron number fitted two (2)
- (**) 140. Port, inlet - number eight (8)
- (**) 141. Port, exhaust - number eight (8)
- () 142. Compression - ratio 10.71:1
- () 143. Combustion chamber - volume 64.0 cm³ 3.905 in³
- () 144. Piston - material/s impact extruded aluminum alloy
- () 145. Rings - number 2 comp. 1-oil (2 segments, 1 spacer)
- () 146. Distance from gudgeon pin centre line to highest point of piston crown 42.164 mm 1.660 in
- (**) 147. Crankshaft - cast=~~forged~~-mach from solid
- (**) 148. Crankshaft - type - integral - sectioned - # of sections
- (**) 149. Crankshaft, main bearings - number 5
- (**) 150. Bearing cap - material/s Cast iron
151. Lubrication - system - dry sump/oil in sump
152. Lubricant - capacity 4.258 ltrs 9 pts 4.5 qts US
- () 153. Cooler, oil - yes no
154. Cooling - method Water
155. Cooling - capacity of system 15.141 ltrs 32 pts 16 qts US

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MAKE Chevrolet Camaro MODEL 12487-350 in³ FIA REC # 5310

- () 156. Fan, cooling (if fitted) - diameter 45.72 cm 18.0 in
() 157. Fan, cooling - number of blades 7 material/s Steel
BEARINGS Optional (Copper-lead on steel
(Aluminum on steel)
(**) 158. Crankshaft, main - type diameter 62.205 mm 2.449 in (Journal)
(**) 159. Connecting rod, big end - type Insert diameter 53.340 mm 2.100 in
(Journal)
WEIGHTS Optional (Aluminum on steel
(Copper-lead on steel)

- () 160. Flywheel (clean) 12.306 kg 27.130 lbs
() 161. Flywheel with clutch (all rotating parts) 24.77 kg 54.6 lbs
() 162. Crankshaft 24.04 kg 53 lbs
163. Connecting Rod .5985 kg 1.3194 lbs
() 164. Piston with rings & pin .7756 kg 1.710 lbs

FOUR CYCLE ENGINES

- (**) 170. Camshafts - number One material/s Cast alloy iron
(**) 171. Camshaft - location Cylinder block
(**) 172. Camshaft Drive, type Chain & sprocket
(**) 173. Valve operation - type push rod

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

180. Inlet manifold - materials - aluminum (cast)
181. Valves (overall) - diameter 51.308 ±.076 mm 2.020 ±.003 in
() 182. Valve lift - maximum 11.125 mm .438 in (Lashed)
183. Springs, valve - number 8 + 8 dampers
184. Spring - type coil
(**) 185. Valves, per cylinder - number one (1)
() 186. Tappet - clearance for checking timing (cold) .508 mm .020 in at valve
() 187. Valves - open at (with tolerance for tappet clearance indicated) 42° 40'
() 188. Valves - close at (with tolerance for tappet clearance indicated) 94 ± 20'
() 189. Air filter - type paper-wetted

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MAKE Chevrolet Camaro

MODEL 12487-350 in³

RIA REC #

5310

EXHAUST (See Photo Q)

195. Manifold, exhaust - material/s cast iron
196. Valves (overall) - diameter $40.640 \pm .127$ mm $1.600 \pm .005$ in
197. Valve, lift - maximum 11.684 mm .460 in (Lashed)
198. Valve Springs/valve - number 8 + 8 dampers
199. Springs - type coil
- (**) 200. Valves - number per cylinder one (1)
- () 201. Tappet - clearance for checking timing (cold)
.635 mm .025 in at valve
- () 202. Valves - open at (with tolerance for tappet 112° 50' BBC
clearance indicated)
- () 203. Valves - close at (with tolerance for tappet 53° 23' ATC
clearance indicated)

CARBURETION (See Photo N)

210. Carburetors, fitted - number one (1)
211. Type downdraft
- () 212. Make Holley
- () 213. Model R-4555-A
214. Carburetors - number of mixture passages four (4)
- () 215. Carburetor - flange hole diameter of exit port
42.824 mm 1.686 in
216. Venturi - throat diameter+ mm 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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MAKE Chevrolet Camaro MODEL 12487 - 350 in³ FIA REC # 5310

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
- 238. Voltage, generator - volts 12
- 239. Battery - number one (1)
- 240. Location under hood
- 241. Voltage - volts 12 amp hrs 61

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

- () 250. Horsepower - maximum engine output 320 at 5600 rpm
(indicate SAE or DIN)
- () 251. RPM - maximum NA output at that figure NA
- () 252. Torque - maximum 370 at 4000 rpm
- () 253. Speed - maximum NA km/hour NA miles/hour

DRIVE TRAIN

Clutch

- 260. Type Dry disc - semi-centrifugal
- 261. Plates - number of driven One (1)
- 262. Plates - diameter 26.4 cm 10.4 in
- 263. Linings - diameter - inside 16.5 cm 6.5 in
- Linings - diameter - outside 26.4 cm 10.4 in
- 264. Method of operation Mechanical

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MAKE Chevrolet Camaro

MODEL 12487 - 350

FIA REC # 5310

Gear Box (Photo H)

- (**) 270. Manual type - make Chevrolet
- (**) 271. Ratios, forward - number Four (4)
- 272. Ratios, forward - number synchronized Four (4)
- 273. Gear-Shift - location floor optional
- (**) 274. Automatic - make Chevrolet type Turbo-Hydrumatic
- (**) 275. Ratios, forward - number Three (3)
- 276. Gear-Shift - location Floor or steering column

| 277. | Manual | | Automatic | | Alternative manual/automatic | | | |
|---------|--------|---|-----------|---------|------------------------------|---|-------|---------|
| | Ratio | # Teeth | Ratio | # Teeth | Ratio | # Teeth | Ratio | # Teeth |
| 1 | 2.20 | $\frac{27}{26} \times \frac{36}{17}$ | 2.48 | * | 2.52 | $\frac{25}{21} \times \frac{36}{17}$ | | |
| 2 | 1.64 | $\frac{27}{26} \times \frac{30}{19}$ | 1.48 | * | 1.88 | $\frac{25}{21} \times \frac{30}{19}$ | | |
| 3 | 1.27 | $\frac{27}{26} \times \frac{27}{22}$ | 1.00 | Direct | 1.47 | $\frac{25}{21} \times \frac{27}{22}$ | | |
| 4 | 1.00 | Direct | | | 1.00 | Direct | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| reverse | 2.26 | $\frac{27 \times 18 \times 35}{26 \times 17 \times 17}$ | 2.08 | * | 2.59 | $\frac{25 \times 18 \times 35}{21 \times 17 \times 17}$ | | |

* - Automatic transmission ratios are produced by the action of, and/or interaction of two planetary gear sets. Ring gears=26T; Suns=26T; Planets=14T

- 278. Overdrive - type NA
- 279. Forward gears on which overdrive can be selected
- 280. Overdrive - ratio

FINAL DRIVE

- (**) 290. Type Hotchkiss
- (**) 291. Differential - type hypoid ring & pinion
- (**) 292. Limited Slip Differential (if fitted) - type \neq friction plate
- 293. Ratio 3.31 3.73
Teeth - number 43/13 37/10

(\neq) Specify friction or tooth type locking differential
STAMP STAMP

MAKE Chevrolet Camaro MODEL 12487 - 350 FIA REC # 5310

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

ITEM 277

Transmission -Automatic Turbo-Hydramatic
Part No. 8626658



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MAKE Chevrolet Camaro

MODEL 12487

FIA REC NO 5310 v GRII

350-402-454 in³



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)

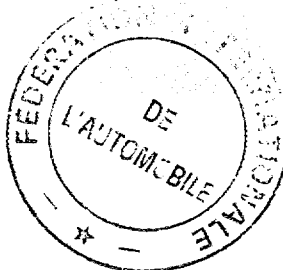
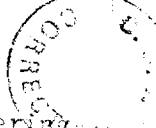
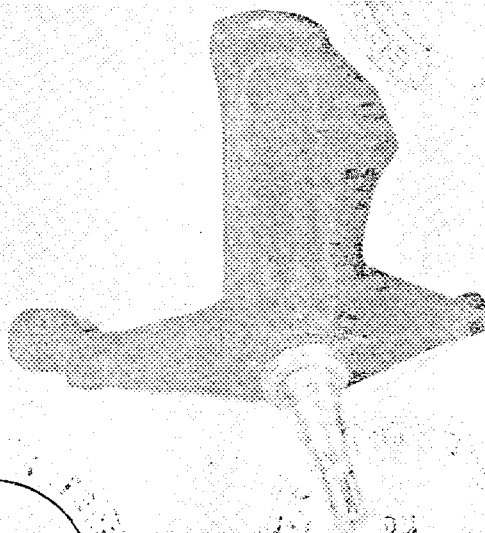
In filing this form, each change must be fully documented as required in the original recognition form, using the same item numbering keys and including sketches or photos as and if required in the original form.

3984021 Ducted Fresh Air

Steering Gear Part #7806396
Gear Ratio 20:1 2.9 turns

Item 70 - Knuckle - Front Steering

Part No. 3965737-8 (LH & RH)



STAMP
John V. Oliveau
JOHN V. OLIVEAU
TECHNICAL DIRECTOR
ACCUS, FIA, INC.

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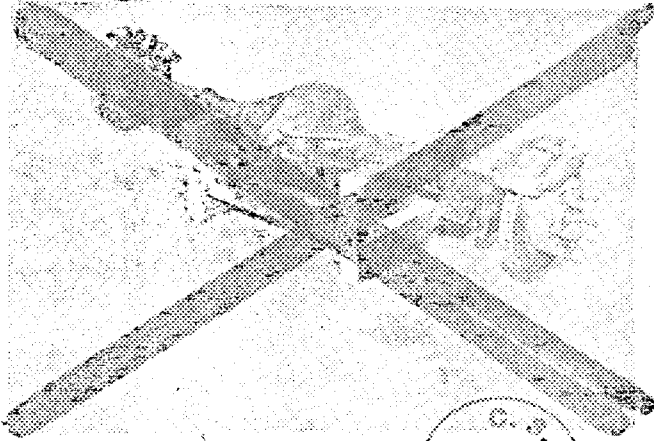
MAKE Chevrolet Camaro

MODEL 12487
350-402-454 in³

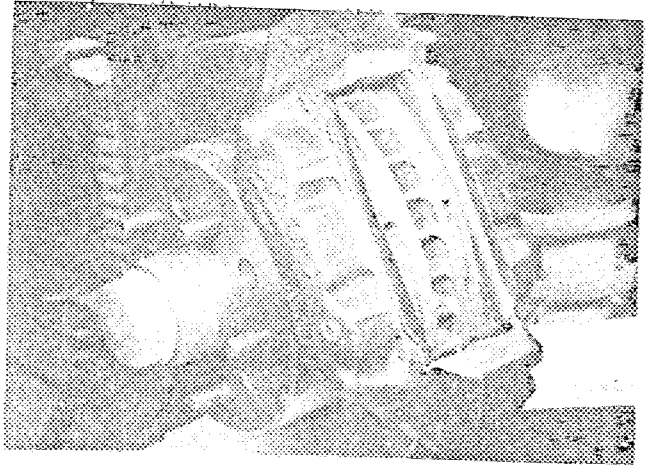
FIA REC # 5310/
GRII

Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

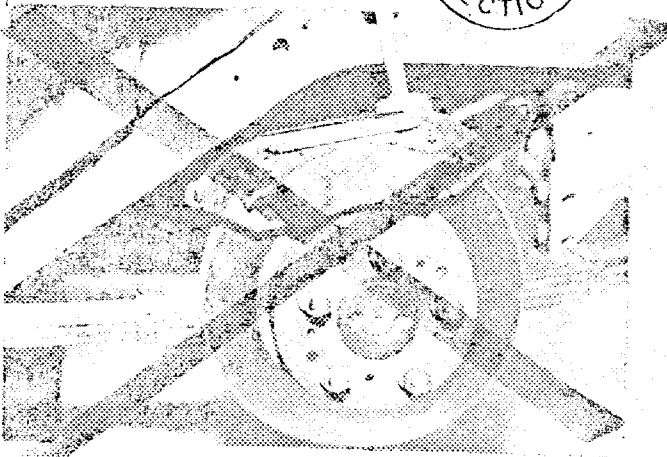
E. Rear Axle



F. Brake Front

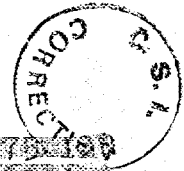
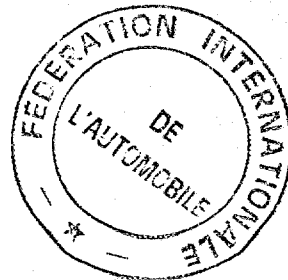


G. Brake Rear



RPO J 56 Heavy Duty Disc Brakes

- 3957992 Front Hub & Disc w/Caliper LH
- 3957993 Front Hub & Disc w/Caliper RH
- 3965733 Rear Axle w/Disc Brakes



Item

| | | | | |
|------|--------------------------------------|-----------|-----------------------|-----------|
| 93. | Cylinders - Number per wheel - Front | 4 | Rear | 4 |
| 94. | Cylinders - Wheel Bore - Front | 1.875 in. | Rear | 1.875 in. |
| 100. | Disc Dia. outside | Front | 11.75 in. | Rear |
| 101. | Thickness of Disc | | 1.25 in. | |
| 102. | Lining Length | | 5.96 in. | |
| 103. | Lining Width | | 2.21 in. | |
| 104. | Pads - Number per Brake | | 2 | |
| 105. | Area, total - per Brake | | 26.3 in. ² | |

| | |
|------|-----------------------|
| Rear | 11.75 in. |
| | 1.25 in. |
| | 5.96 in. |
| | 2.21 in. |
| | 2 |
| | 26.3 in. ² |

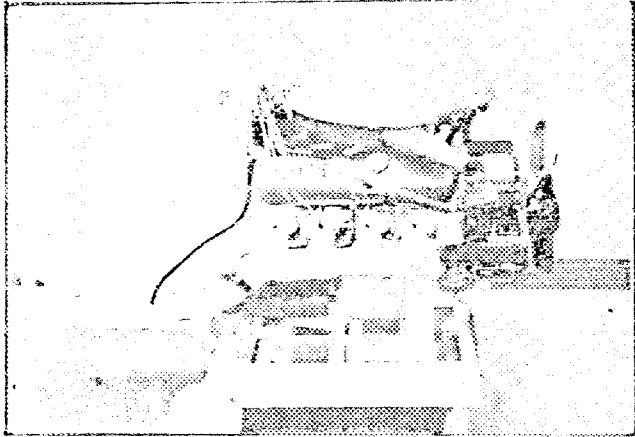
STAMP

STAMP

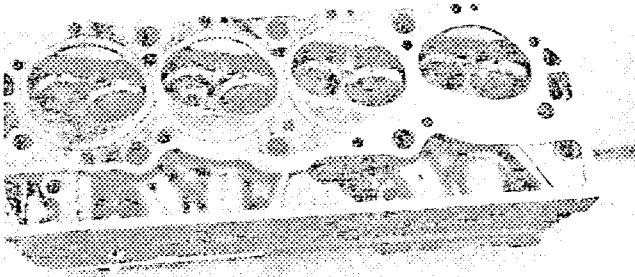
MAKE Chevrolet Camaro

MODEL 12467-402-454* FIA REC # 5310/MV/

J ENGINE RIGHT (**)



Z COMBUSTION CHAMBER



N CARBURETOR ()

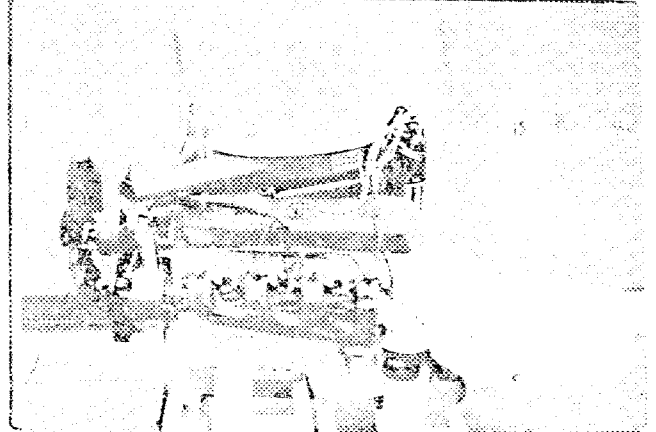


P MANIFOLD INLET

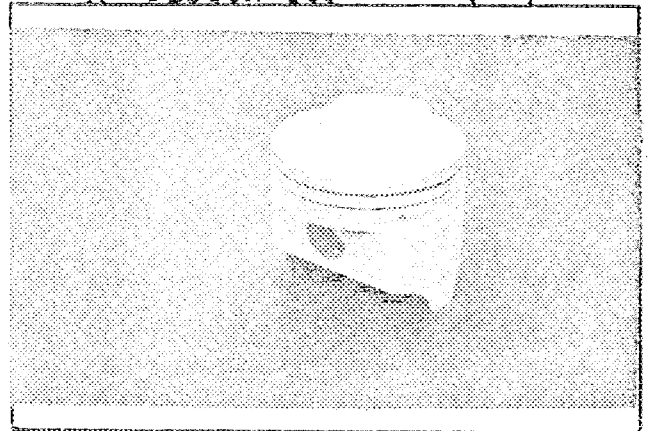


STAMP

K ENGINE LEFT (**)



M PISTON TOP ()



O ENGINE IN PLACE (**)



Q MANIFOLD EXHAUST



STAMP

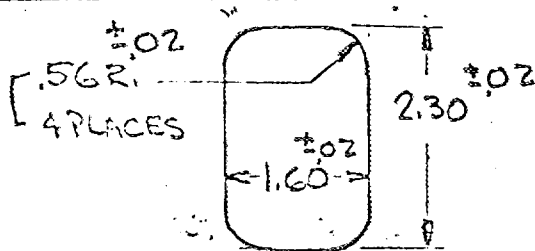
MAKE Chevrolet Camaro

MODEL 12487 - 402 in³ FIA REC # 5310/1/1V

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

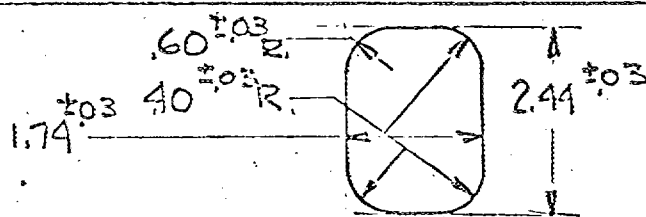
Inlet

Manifold
Porting
Cyl.
Head
Face



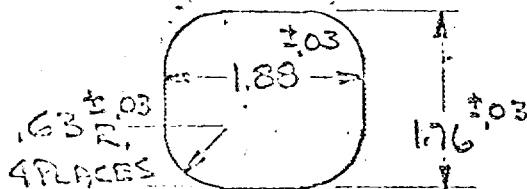
Cylinder

Head
Porting
Inlet
Face



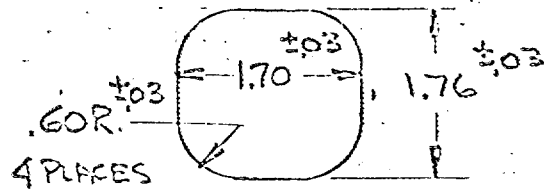
Exhaust

Manifold
Porting
Cyl. Head
Face

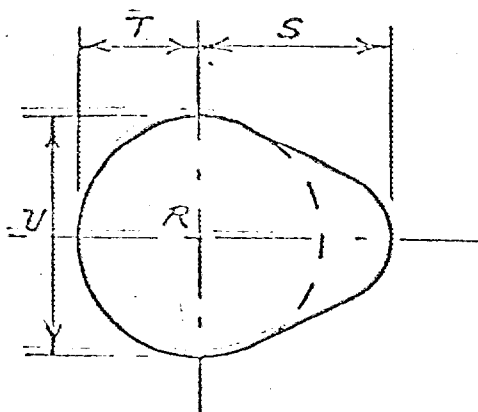


Cylinder

Head
Porting
Exhaust
Face



CAM



Inlet cam

| | | | |
|----|----|-------|----|
| S= | mm | .945 | in |
| T= | mm | .604 | in |
| U= | mm | 1.208 | in |

Exhaust cam

| | | | |
|----|----|-------|----|
| S= | mm | .945 | in |
| T= | mm | .580 | in |
| U= | mm | 1.160 | in |

STAMP

STAMP

MAKE Chevrolet Camaro

MODEL 12487-402-454 in³

FIA REC # 5310/1/15

2/20

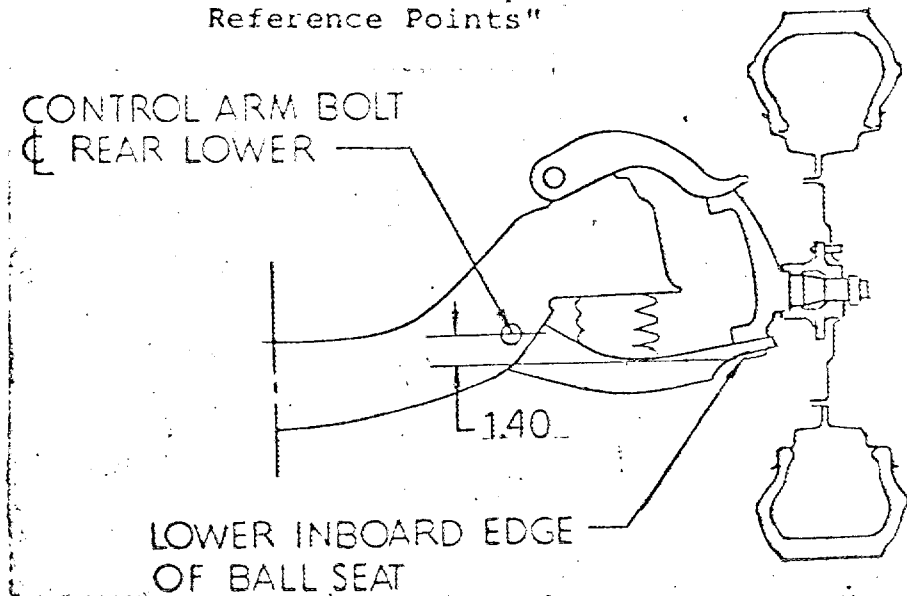
IMPORTANT: Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system. See conversion table at index.

CAPACITIES & DIMENSIONS

- (**) 1. Wheelbase 2743.2 mm 108 in
 - (**) 2. Front track with 7" rim 155.7 mm 61.3 in +
 - (**) 3. Rear track with 7" rim 153.7 mm 60.5 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 477.52 cm 188.0 in
- 5. Overall width of car 196.6 cm 74.4 in
- 6. Overall height of car 128.3 cm 50.5 in
- 7. Capacity of fuel tank (reserve included) 77.6 ltrs.
20.5 gallons US 17.08 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. 1505 kg 3200 lbs

STAMP

STAMP

MAKE Chevrolet Camaro

MODEL 12487 - 402 in³

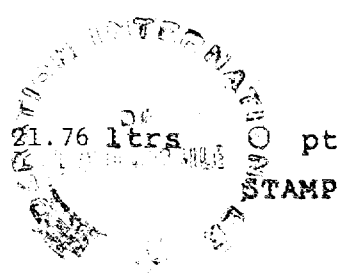
FIA REC # 5310

ENGINE (Photos J and K)

1/1V
[REDACTED]

- (**) 130. Cycle two four X Wankel
- (**) 131. Cylinders - number Eight
- (**) 132. Cylinders - arrangement Vee Wankel - # of elements and basic dimensions
- (**) 133. Bore 10.48 mm 4.126 in
- (**) 134. Stroke 9.55 mm 3.76 in
- (**) 135. Cylinders - capacity 823.82 cm³ 50.273 in³
- (**) 136. Cylinders, total capacity 6590.6 cm³ 402.185 in³
- (**) 137. Cylinder Block - material/s Cast iron
- (**) 138. Sleeves - material/s (if fitted) None
- (**) 139. Head, cylinder - material/s Cast iron number fitted 2
- (**) 140. Port, inlet - number 8
- (**) 141. Port, exhaust - number 8
- () 142. Compression - ratio 11.0:1
- () 143. Combustion chamber - volume 104.9 cm³ 6.4 in³
- () 144. Piston - material/s Aluminum
- () 145. Rings - number 3
- () 146. Distance from gudgeon pin centre line to highest point of piston crown 5.79 mm 2.28 in
- (**) 147. Crankshaft - cast=forged=mach from solid Forged
- (**) 148. Crankshaft - type - integral - sectioned - # of sections
- (**) 149. Crankshaft, main bearings - number 5
- (**) 150. Bearing cap - material/s Cast iron
- 151. Lubrication - system = dry sump/oil in sump
3.784
- 152. Lubricant - capacity +.946 ltrs pts 4 + 1 qts US
- () 153. Cooler, oil - yes no
- 154. Cooling - method Water
- 155. Cooling - capacity of system 21.76 ltrs pts 23 qts US

STAMP



MAKE Chevrolet Camaro

MODEL 12487 -402 in³

FIA REC # 5310
1/1V

- () 156. Fan, cooling (if fitted) - diameter 45.72cm 18 in
() 157. Fan, cooling - number of blades 7 material/s Steel

BEARINGS

- (**) 158. Crankshaft, main - type insert diameter 6.99 mm 2.7505 in
(**) 159. Connecting rod, big end - type insert diameter 5.59 mm 2.200 in

WEIGHTS

- () 160. Flywheel (clean) 1324.49 kg 29.2 lbs
() 161. Flywheel with clutch (all rotating parts) 2460.3 kg 54.24 lbs
() 162. Crankshaft 3061.75 kg 67.5 lbs
163. Connecting Rod 7.89 kg 1.74 lbs
() 164. Piston with rings & pin 87.14 kg 1.921 lbs

FOUR CYCLE ENGINES

- (**) 170. Camshafts - number 1 material/s Cast iron
(**) 171. Camshaft - location Cylinder block
(**) 172. Camshaft Drive, type Chain & sprocket
(**) 173. Valve operation - type Push rod

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

180. Inlet manifold - materials Aluminum
181. Valves (overall) - diameter 5.58 mm 2.195 in
() 182. Valve lift - maximum 1.32 mm .5197 in
183. Springs, valve - number two (2)
184. Spring - type coil
(**) 185. Valves, per cylinder - number one (1)
() 186. Tappet - clearance for checking timing (cold) .061 mm .024 in
() 187. Valves - open at (with tolerance for tappet clearance indicated) 44° BTC
() 188. Valves - close at (with tolerance for tappet clearance indicated) 92° ABC
() 189. Air filter - type Paper

STAMP



MAKE Chevrolet Camaro

MODEL 12487 - 402 in³

RIA REC #

5310/1/IV

EXHAUST (See Photo Q)

195. Manifold, exhaust - material/s Cast iron
196. Valves (overall) - diameter 4.78 mm 1.88 in
197. Valve, lift - maximum 1.32 mm .5197 in
198. Valve Springs/valve - number two (2)
199. Springs - type Coil
- (**) 200. Valves - number per cylinder one (1)
- () 201. Tappet - clearance for checking timing (cold)
.071 mm .028 in
- () 202. Valves - open at (with tolerance for tappet
clearance indicated) 86° BBC
- () 203. Valves - close at (with tolerance for tappet
clearance indicated) 36° ATC

CARBURETION (See Photo N)

210. Carburetors, fitted - number one (1)
211. Type Downdraft
- () 212. Make Holley
- () 213. Model R-4555-A
214. Carburetors - number of mixture passages four (4)
- () 215. Carburetor - flange hole diameter of exit port
42.86 mm 1.6875 in
216. Venturi - throat diameter+ 42.86 mm 1.6875 in

INJECTION

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.

STAMP

STAMP

(2100)

MAKE Chevrolet Camaro

MODEL 12487 - 402 in³ FIA REC #

5310/1/1V

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
238. Voltage, generator - volts 12
239. Battery - number one (1)
240. Location Under hood
241. Voltage - volts 12 amp hrs 61

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

- () 250. Horsepower - maximum engine output 375 at 5600 rpm
(indicate SAE or DIN)
- () 251. RPM - maximum N.A. output at that figure N.A.
- () 252. Torque - maximum 415 at 3600 rpm
- () 253. Speed - maximum N.A. km/hour N.A. miles/hour

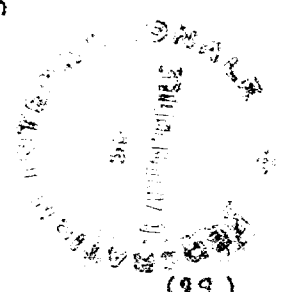
DRIVE TRAIN

Clutch

260. Type dry disc
261. Plates - number of driven one (1)
262. Plates - diameter 27.94 cm 11.0 in
263. Linings - diameter - inside 16.51 cm 6.5 in
Linings - diameter - outside 27.94 cm 11.0 in
264. Method of operation mechanical

STAMP

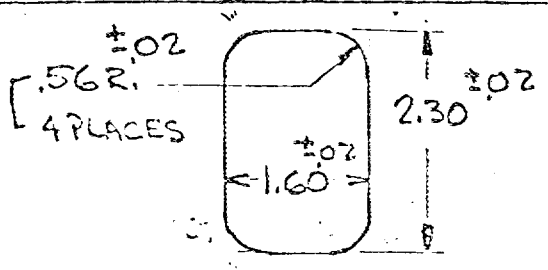
STAMP



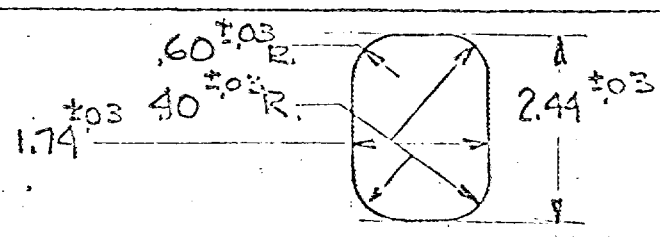
MAKE Chevrolet Camaro MODEL 12487 - 454 in³ FIA REC # 5310/2/2V

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

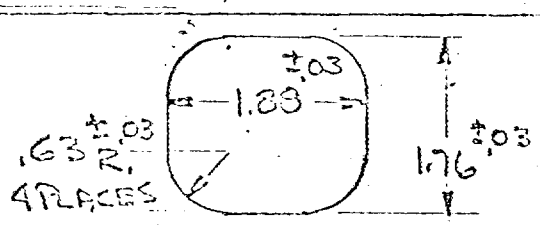
Inlet
Manifold
Porting
Cyl.
Head
Face



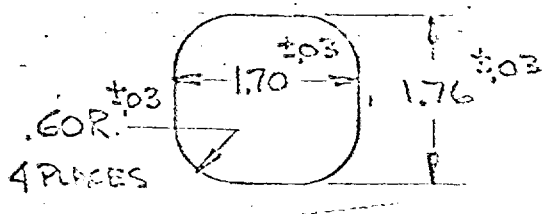
Cylinder
Head
Porting
Inlet
Face



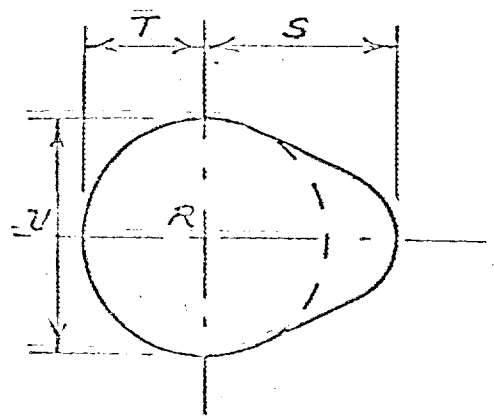
Exhaust
Manifold
Porting
Cyl. Head
Face



Cylinder
Head
Porting
Exhaust
Face



CAM



| | | |
|--------------------|----|----------|
| <u>Inlet cam</u> | | |
| S= | mm | .945 in |
| T= | mm | .604 in |
| U= | mm | 1.208 in |
| <u>Exhaust cam</u> | | |
| S= | mm | .945 in |
| T= | mm | .580 in |
| U= | mm | 1.160 in |

STAMP

STAMP



MAKE Chevrolet Camaro

MODEL 12487 - 454 in³

FIA REC # 5310
2/2V

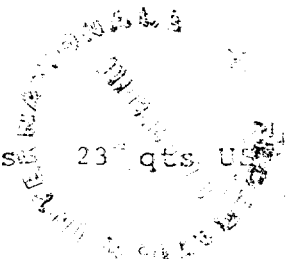
ENGINE (Photos J and K)

- (**) 130. Cycle two four * Wankel
- (**) 131. Cylinders - number eight
- (**) 132. Cylinders - arrangement Vee Wankel - # of elements and basic dimensions
- (**) 133. Bore 107.98 mm 4.251 in
- (**) 134. Stroke 101.60 mm 4.00 in
- (**) 135. Cylinders - capacity 930.29 cm³ 56.77 in³
- (**) 136. Cylinders, total capacity 7442.6 cm³ 454.18 in³
- (**) 137. Cylinder Block - material/s Cast iron
- (**) 138. Sleeves - material/s (if fitted) None
- (**) 139. Head, cylinder - material/s { cast iron number fitted 2
or aluminium
- (**) 140. Port, inlet - number eight (8)
- (**) 141. Port, exhaust - number eight (8)
- () 142. Compression - ratio 11.25:1
- () 143. Combustion chamber - volume 104.9 cm³ 6.4 in³
- () 144. Piston - material/s Aluminum
- () 145. Rings - number 3
- () 146. Distance from gudgeon pin centre line to highest point of piston crown 4.62 mm 1.82 in
5.46 mm 2.153 in. (w/aluminum heads)
- (**) 147. Crankshaft - ~~cast-forged-mach~~ from solid
- (**) 148. Crankshaft - type - integral - sectioned - # of sections
- (**) 149. Crankshaft, main bearings - number 5
- (**) 150. Bearing cap - material/s cast iron
- 151. Lubrication - system - dry sump/oil in sump
- 152. Lubricant - capacity 3.784 +.946 ltrs pts 4 + 1 qts US
- () 153. Cooler, oil - yes no
- 154. Cooling - method Water
- 155. Cooling - capacity of system 21.76 ltrs pts 23 qts US



STAMP

STAMP



MAKE Chevrolet Camaro

MODEL 12487 - 454 in³

FIA REC #

5310/2/2V

- () 156. Fan, cooling (if fitted) - diameter 45.72 cm 18.00 in
() 157. Fan, cooling - number of blades 7 material/s Steel *

BEARINGS

- (**) 158. Crankshaft, main - type insert diameter 6.99 mm 2.7505 in
(**) 159. Connecting rod, big end - type insert diameter 5.59 mm 2.200 in

WEIGHTS

- () 160. Flywheel (clean) 13.25 kg 29.218 lbs
() 161. Flywheel with clutch (all rotating parts) 24.69 kg 54.43 lbs
() 162. Crankshaft 30.62 kg 67.5 lbs
163. Connecting Rod 8.35 kg 1.84 lbs
() 164. Piston with rings & pin 97.069 kg 2.14 lbs

FOUR CYCLE ENGINES

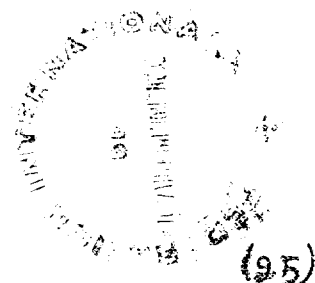
- (**) 170. Camshafts - number one (1) material/s cast iron
(**) 171. Camshaft - location cylinder block
(**) 172. Camshaft Drive, type chain & sprocket
(**) 173. Valve operation - type push rod

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

180. Inlet manifold - materials Aluminum
181. Valves (overall) - diameter 5.58 mm 2.195 in
() 182. Valve lift - maximum 1.32 mm .5197 in
183. Springs, valve - number two (2)
184. Spring - type Coil
(**) 185. Valves, per cylinder - number one (1)
() 186. Tappet - clearance for checking timing (cold).061 mm .024 in
() 187. Valves - open at (with tolerance for tappet clearance indicated) 44° BTC
() 188. Valves - close at (with tolerance for tappet clearance indicated) 92° ABC
() 189. Air filter - type Paper

STAMP

STAMP



MAKE Chevrolet Camaro MODEL 12487 - 454 in³ RIA REC # 5310/22V

EXHAUST (See Photo Q)

- 195. Manifold, exhaust - material/s Cast iron
- 196. Valves (overall) - diameter 4.78 mm 1.88 in
- 197. Valve, lift - maximum 1.32 mm .5197 in
- 198. Valve Springs/valve - number two (2)
- 199. Springs - type Coil
- (**) 200. Valves - number per cylinder one (1)
- () 201. Tappet - clearance for checking timing (cold)
071 mm .028 in
- () 202. Valves - open at (with tolerance for tappet
clearance indicated) 86° BBC
- () 203. Valves - close at (with tolerance for tappet
clearance indicated) 36° ATC

CARBURETION (See Photo N)

- 210. Carburetors, fitted - number one (1)
- 211. Type Downdraft
- () 212. Make Holley
- () 213. Model R-4555-A (R-4559-A) for aluminum heads
- 214. Carburetors - number of mixture passages four (4)
- () 215. Carburetor - flange hole diameter of exit port
42.86 mm 1.6875 in
44.45 1.75 (w/aluminum heads)
- 216. Venturi - throat diameter+ 42.86 mm 1.6875 in
44.45 1.75 (w/aluminum heads)

INJECTION

- 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.

STAMP

STAMP

MAKE Chevrolet Camaro MODEL 12487 - 454 in³ FIA REC # 5310/2/2V

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
- 238. Voltage, generator - volts 12
- 239. Battery - number one (1)
- 240. Location Under hood
- 241. Voltage - volts 12 amp hrs 61

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

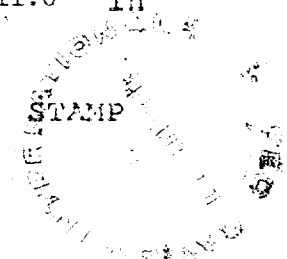
- () 250. Horsepower - maximum engine output N/A at rpm
(indicate SAE or DIN)
- () 251. RPM - maximum N.A. output at that figure N.A.
- () 252. Torque - maximum N/A at rpm
- () 253. Speed - maximum N.A. km/hour N.A. miles/hour

DRIVE TRAIN

Clutch

- 260. Type Dry disc
- 261. Plates - number of driven one (1)
- 262. Plates - diameter 27.94 cm 11.0 in
- 263. Linings - diameter - inside 16.51 cm 6.5 in
- Linings - diameter - outside 27.94 cm 11.0 in
- 264. Method of operation Mechanical

STAMP





Group II
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

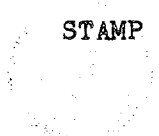
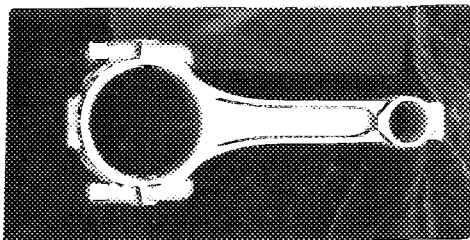
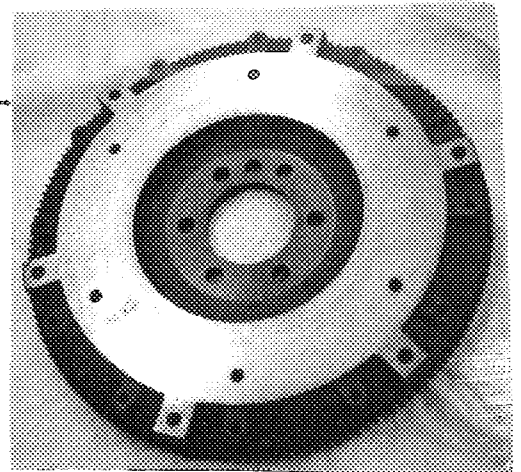
VARIANT FORM - In accordance with Appendix "J" of the International Sporting Code

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.

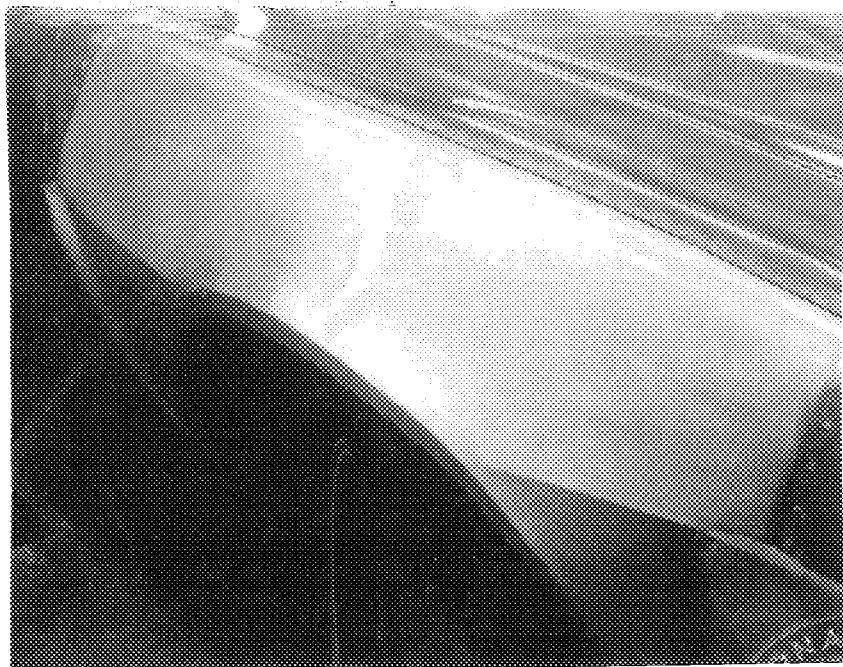
Recognition is granted a variant only after it has met the same production requirements as the FIA Group in which the original model was recognized (I-5000; II-1000; III-500; IV-50)

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.

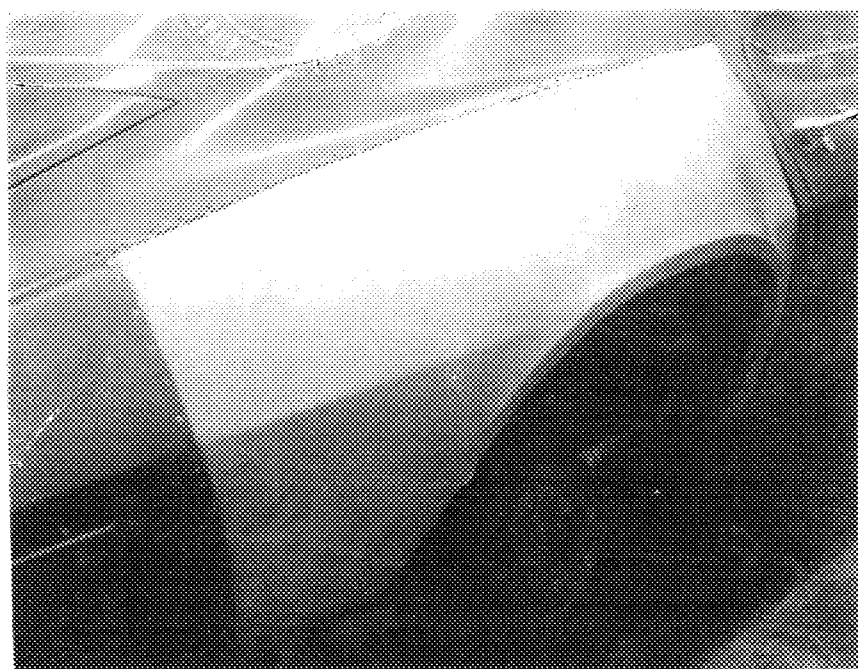
- (Free) 3997782 Ignition Unit - Transistorized
- " 3965707 Exhaust Header Asm. LH
- " 3965708 Exhaust Header Asm. RH
- 3965744 Fender Flare Unit (4 fenders)
- 3866735 Flywheel Asm.
- (Free) 3016688 Radiator Asm. - Heavy Duty
- " 3927140 Camshaft - Engine
- 3965745 Connecting Rod - Engine



[Handwritten Signature]
STAMP



Front Fender



Rear Fender

NOV 15 1980

MAKE

Chevrolet Camaro

MODEL 12487-350 cu.in FIA REC NO 5310

v 4/4U

1-1-71 - 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

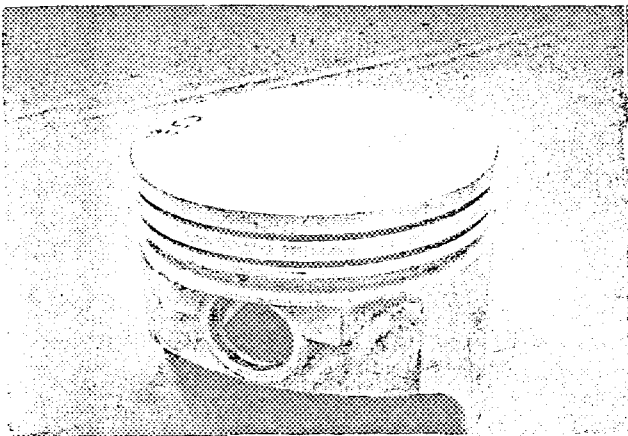
VARIANT FORM - In accordance with Appendix "J" of the International Sporting Code

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.

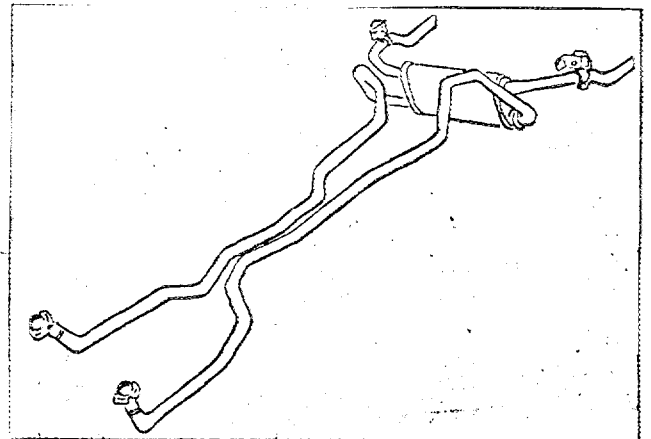
Recognition is granted a variant only after it has met the same production requirements as the FIA Group in which the original model was recognized (I-5000; II-1000; III-500; IV-50)

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Photograph M
Piston Top



Photograph I
Exhaust System



9. Weight - total weight of car with normal equipment, water, oil and spare wheel but without fuel or repair tools. 1451 kg 3200 lbs



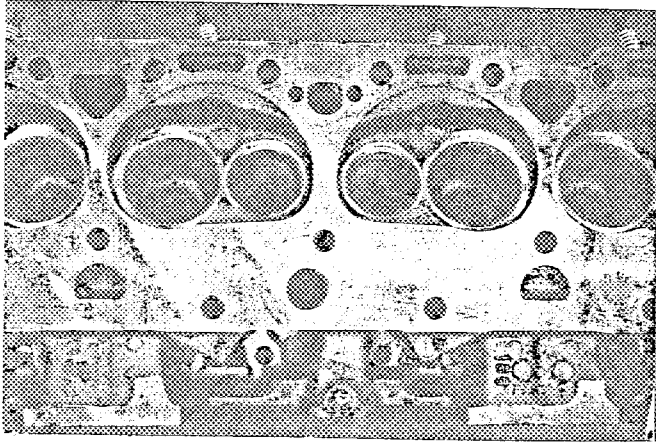
JCA
STAMP

MAKE Chevrolet Camaro MODEL 12487-350 cu.in. REC. NO. 5310 V 9/8V

Item

- 142 Compression Ratio 8.89:1
- 143 Combustion Chamber - volume 76.18 cm³ 4.65 cu. in.
- 146 Distance from Gudgeon pin centre line to highest point of piston crown
1.560 in.

Photograph L
Combustion Chamber



Optional Cylinder Head
Part #3965742

- 293 Final Drive
Ratio 4.10:1 Part Number 3961409
Teeth 41/10

STAMP

STAMP

MAKE Chevrolet Camaro MODEL 12487 - 402 FIA REC NO 5310

v 5/5V-
Gr II
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

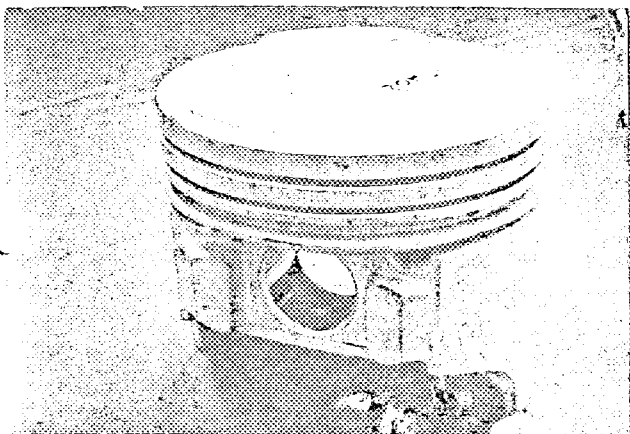
VARIANT FORM - In accordance with Appendix "J" of the International Sporting Code

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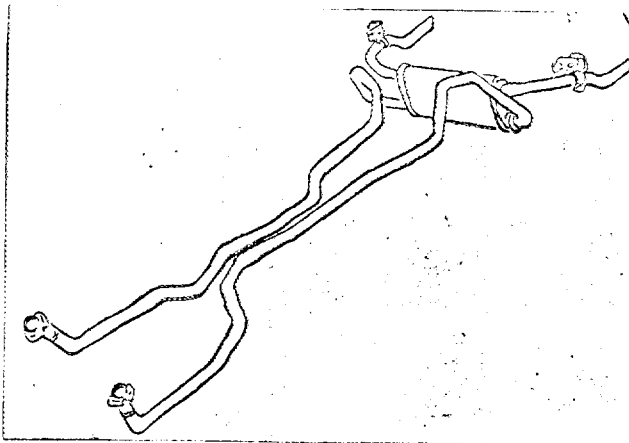
Recognition is granted a variant only after it has met the same production requirements as the FIA Group in which the original model was recognized (I-5000; II-1000; III-500; IV-50)

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Photograph M
Piston Top



Photograph I
Exhaust System



STAMP

MAKE Chevrolet Camaro

MODEL 12487 - 402

REC. NO. 5310

v 5/5V
Gr II

Item

- 142 Compression Ratio 8.29:1
143 Combustion Chamber Volume 113.06 cm³ 6.9 cu. in.
146 Distance from gudgeon pin centre line to highest point of piston crown
47.7 mm 1.878 in.
147 Crankshaft - cast
156 Fan, cooling diameter 19.0 in.

Weights

- 160 Flywheel 29.103 lb
161 Flywheel with clutch (all rotating parts) 54.24 lb
162 Crankshaft 68.0 lb
163 Connecting Rod 2.384 lb
164 Piston with rings and pin 2.33 lb

Inlet

- 180 Inlet manifold - materials iron
181 Valves (overall) Diameter 2.065 in.
182 Valve lift - maximum .398 in.
183 Springs, valve - number 1 + damper
186 Tappet - clearance for checking timing - hydraulic
187 Valves - open at 30° BTC
188 Valves - close at 70° ABC

Exhaust

- 196 Valves (overall) - diameter 1.72 in.
197 Valve, lift - maximum .430 in.
198 Valves springs - number 1+ damper
201 Tappet - clearance for checking timing - hydraulic
202 Valves - open at 103 ATC

STAMP

STAMP

MAKE Chevrolet Camaro

MODEL 12487 - 402

REC. NO. 5310

v 5/5U
Gr II

| <u>Item</u> | <u>Exhaust (cont.)</u> | |
|-------------|-----------------------------------|---------------------------------------|
| 203 | Valves - close at 61 ATC | |
| | <u>Carburetion</u> | |
| 212 | Make - Rochester | |
| 213 | Model 4M 7041201 | |
| 215 | Carburetor - flange hole diameter | 1.38 in primary 2.25 in secondary |
| 216 | Venturi throat diameter | 1.094 in primary 2.25 in secondary |

Chevrolet Camaro

12487 - 402

5310/5/5V

Asst. Eng.
Eng.
Mech.
Asst. Eng.
Eng.
Cylinder
Head

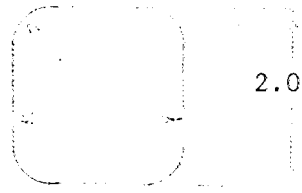
.64 ± .02R
4 places
1.60 ± .02



1.96 ± .02

Head
Packing
Index

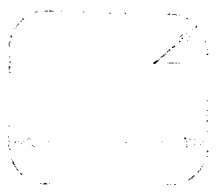
.71 ± .03R
4 places
1.74 ± .03



2.00 ± .03

Head
Packing
Cylinder Head

1.76 ± .03

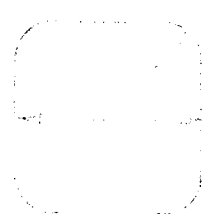


.63 ± .03R 4 places

1.88 ± .03

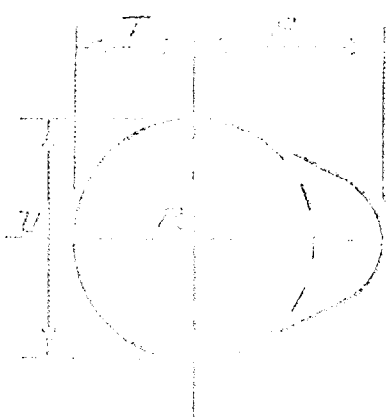
Head
Packing
Index

1.76 ± .03



.60R ± .03
4 places
1.70 ± .03

Size



| Dimensions | | | |
|------------|-----|----|-----------|
| Sm | --- | mm | .9266 in |
| Ts | --- | mm | .6924 in |
| Us | --- | mm | 1.3847 in |

| Dimensions | | | |
|------------|-----|----|-----------|
| Sm | --- | mm | .9453 in |
| Ts | --- | mm | .6924 in |
| Us | --- | mm | 1.3847 in |

18-00

91-11

MAKE Chevrolet Camaro MODEL 12487 - 454 FIA REC NO 5310 v 6/6U

1/11/71
List 74/1
Gr II



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

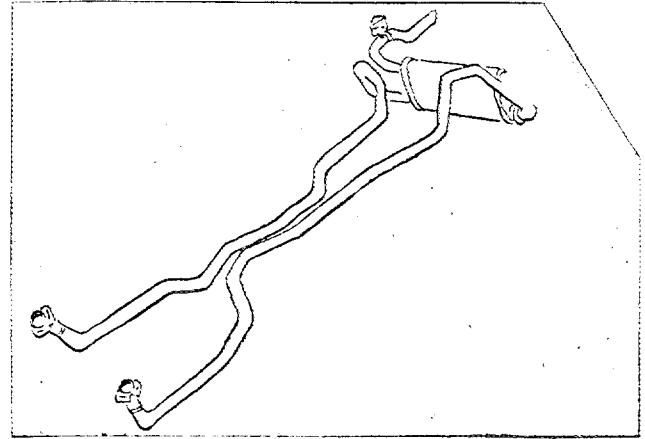
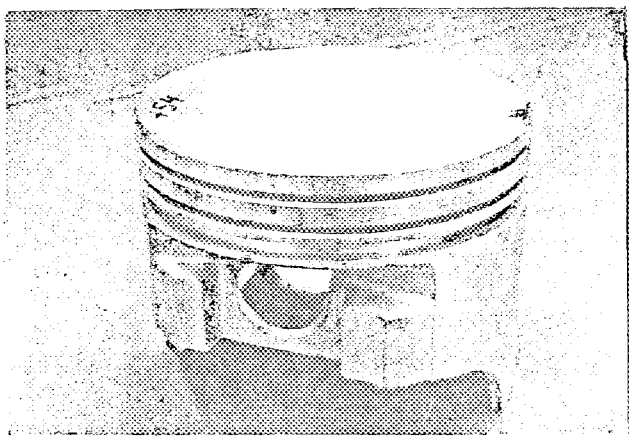
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Photograph M
Piston Top

Photograph I
Exhaust System



STAMP

STAMP

MAKE Chevrolet Camaro

MODEL 12487 - 454

REC. NO. 5310

v 6/6V
Gr II

Item

- 142 Compression ratio 8.80:1
143 Combustion chamber - volume 118 cm³ 7.2 cu. in.
146 Distance from gudgeon pin center line to highest point on piston crown
44.20 mm 1.74 in.

Weights

- 160 Flywheel (clean) 29.403 lb.
161 Flywheel with clutch 54.615 lb.
162 Crankshaft Asm. 68.148 lb.
163 Connecting Rod 2.599 lb.
164 Piston with rings 2.317 lb.

Carburetion

- 213 Model R-4803
215 Carburetor - flange hole diameter of exit port 1.686 in.
216 Venturi - throat diameter 1.375 in. primary
1.4375 in. secondary

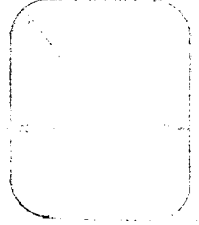
STAMP

STAMP

1/5/60
-68 II

Head
Ponding
Index
Face

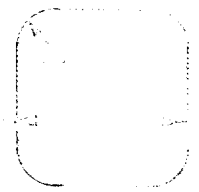
.56R ± .02
4 places
1.60 ± .02



2.37 ± .02

Head
Ponding
Index
Face

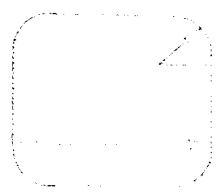
.50R ± .03
4 places
1.74 ± .03



2.44 ± .03

Head
Ponding
Cyl. Head
Face

1.76 ± .03

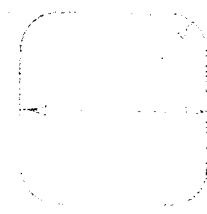


.63R ± .03 4 places

1.88 ± .03

Head
Ponding
Exhaust
Face

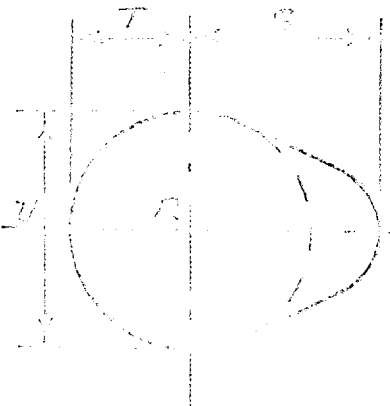
1.76 ± .03



.63 ± .03

1.84 ± .03

CH



Dimensions

| | | | | |
|---|-----|----|--------|----|
| S | --- | mm | .9453 | in |
| T | --- | mm | .6396 | in |
| W | --- | mm | 1.2791 | in |

Dimensions

| | | | | |
|---|-----|----|--------|----|
| S | --- | mm | .9453 | in |
| T | --- | mm | .6396 | in |
| W | --- | mm | 1.2791 | in |

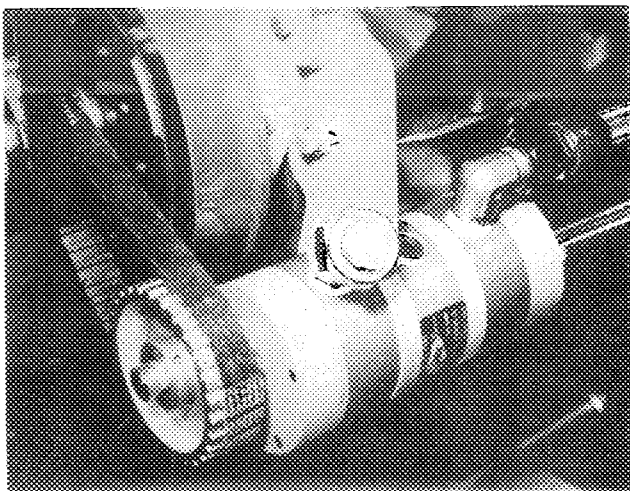
MAKE Chevrolet Camaro

MODEL 12487
350-402-454 cu.in.

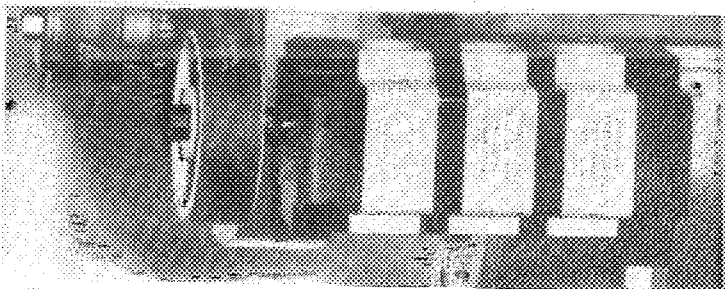
REC. NO. 5310 V Group II

7/7V

Item 151 Lubrication System - Dry Sump



Aviad Metal Products
Three Stage Pump



Weaver Brothers
Three Stage Pump

STAMP

John V. Chirbas
JOHN V. CHIRBAS
ENGINEERING
10001 FLA, INC.



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MAKE Chevrolet Camaro

MODEL 12487-350

FIA REC NO 5310

V

S/RV

For Group II Usage Only

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

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ITEM

9 Weight - Total Weight of Vehicle

1305 Kg 2875 lb.

21 Body - Material Steel

N.P.N. Body shell in white. Special order with heater, door side rails, sound deadener, body seam filler, carpeting and dash padding deleted.

STAMP

STAMP

MAKE Chevrolet Camaro

MODEL 12487 -350

REC. NO. 5310

V 8/8V

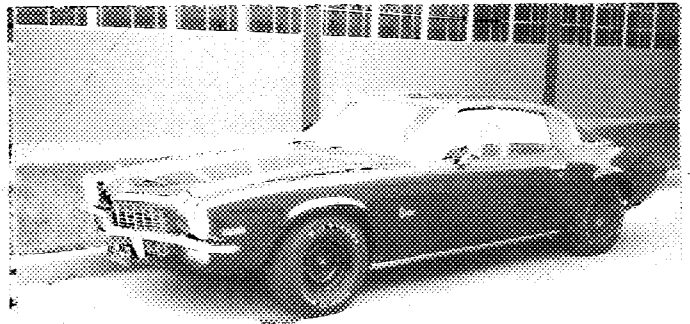
For Group II Usage Only

ITEM

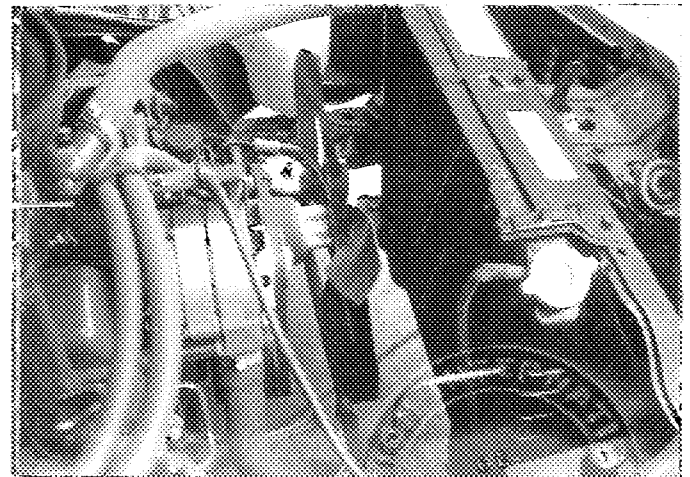
- 42 SEATS, FRONT
Weight 9.97 Kg., 22.0 Lb. per seat
Special lightweight bucket P/N3931548



- 51 WHEEL TRIM COVERS
P/N 3984523 Deleted
- 5.9 Kg., -13.0 lg.



- 156 RADIATOR FAN SHROUD
P/N 3973920 Deleted
- 3.63 Kg., - 8.0 lb.



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**AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.**
330 Vanderbilt Motor Parkway
HAUPPAUGE, L. I., NEW YORK 11787

FIA Homologation No. 5310

9/9V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE
DOCUMENT OF HOMOLOGATION EXTENSION
IN CONFORMITY WITH APPENDIX J OF THE INTERNATIONAL SPORTING CODE

Make Chevrolet Division, G. M. C. Model Camaro 12487

Serial numbers initiating the modifications described below:

Chassis/Body 1Q87U2L 100001

Engine F 1210 CLA

Date of production of first vehicles incorporating modifications: October 2 1972

Designation of vehicles incorporating modifications: Camaro ZL-1

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

This Homologation is valid from 19 List

DESCRIPTION OF MODIFICATIONS:

Item

Group 2 only

CAPACITIES AND DIMENSIONS

- 2. Front Track: 1567.18 mm 61.7 inches (1)
- 3. Rear Track: 1534.16 mm 60.4 inches (1)
- 7. Capacity of fuel tank (reserve included) 68.13 approx. Litres 18 approx. U.S. Gals.
- 9. Weight - Total weight of vehicle with normal equipment described on homologation sheet, all required lubricants and coolants and one spare wheel and tire, but without fuel or repair tools

1231 kg

2714 lbs.

"valid on Group 2 equipment"

"valid for Group 2 only"

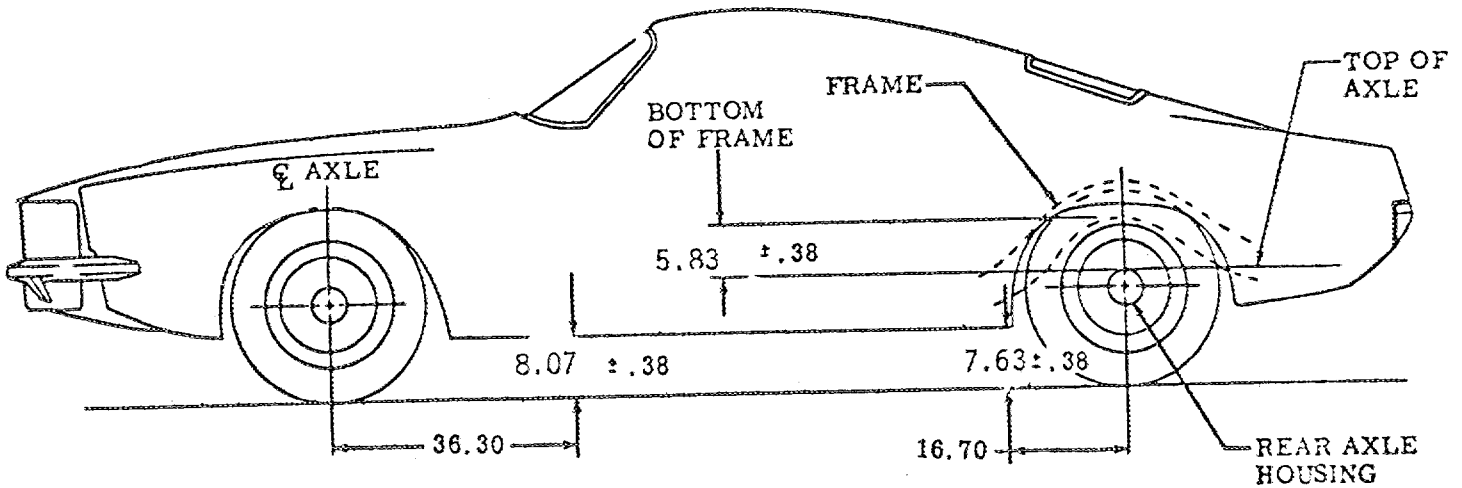
[Signature]
Signature & Stamp of
National Sporting Authority

[Signature]
Signature & Stamp
of the F.I.A.

MAKE Camaro

MODEL 12487

FIA REC # 5310



"valable en Groupe 2 uniquement"

"valid for Group 2 only"

CHASSIS AND BODYWORK

- 25. Material of hood: Reinforced fiberglass
- 27. Material of rear window: Tempered polycarbonate sheet
- 29. Material of front door windows: Tempered polycarbonate sheet

ENGINE

- 130. Cycle: Four (4)
- 131. Number of cylinders: Eight (8)
- 132. Cylinder arrangement: Vee
- 133. Bore: 108.0 mm 4.25 inches
- 134. Stroke: 95.5 mm 3.76 inches
- 135. Capacity per cylinder: 873.4 cm³ 53.3 cu. in.
- 136. Total cylinder capacity: 6998.5 cm³ 427 cu. in.
- 137. Material of cylinder block: Aluminum alloy
- 138. Material of sleeves (if fitted): Cast iron
- 139. Cylinder head material: Aluminum Number fitted: Two (2)
- 140. Number of inlet ports: One per cylinder
- 141. Number of exhaust ports: One per cylinder

MAKE Camaro

MODEL 12487

FIA REC # 5310

ENGINE (cont.)

"valable en Groupe 2 uniquement"

"valid for Group 2 only"

147. Crankshaft: (cast) (forged)
148. Crankshaft, type: (integral) (sectioned)
149. Crankshaft, number of main bearings: five (5)
150. Material of bearing cap: Cast Iron
151. System of lubrication: (dry sump) (oil in sump)
152. Lubricant capacity: 6.63 litres 14.0 pints 7.0 quarts U.S.
154. Method of cooling: Liquid
155. Capacity of cooling system: 22.7 litres 48 pints 24 quarts U.S.

BEARINGS

158. Crankshaft, main, type: Diameter: 69.85 mm 2.7505 inches
159. Connecting rod, big end, type: Diameter: 55.8 mm 2.199 inches

FOUR CYCLE ENGINES

170. Number of camshafts: One (1)
171. Location of camshaft: Cylinder block
172. Type of camshaft drive: Chain & sprocket - gear optional
173. Type of valve operation: Push rod and rocker arm

INLET

180. Material of inlet manifold: Aluminum alloy
181. Overall diameter of valves: 55.8 mm 2.20 inches
183. Number of valve springs: Two (2) with damper per valve
184. Type of spring: Coil
185. Number of valves per cylinder: One (1)

MAKE Camaro

MODEL 12487

FIA REC # 5310

EXHAUST

195. Material of exhaust manifold: Cast Iron
196. Overall diameter of valves: 47.75 mm 1.88 inches
198. Number of valve springs: Two (2) with damper per valve
199. Type of spring: Coil
200. Number of valves per cylinder: One (1)

CARBURETION

210. Number of carburetors fitted: One (1)
214. Number of mixture passages per carburetor: Four (4)

ENGINE ACCESSORIES

231. Number fitted: One (1)
232. Type of ignition system: Transistor or breaker point
233. Number of distributors: One (1)
234. Number of ignition coils: One (1)
235. Number of spark plugs per cylinder: One (1)
237. Method of drive: Belt
238. Voltage of generator: 12.0 (nominal)
239. Battery, number: One (1)
240. Location of battery: Luggage compartment
241. Voltage of battery: 12.0 volts

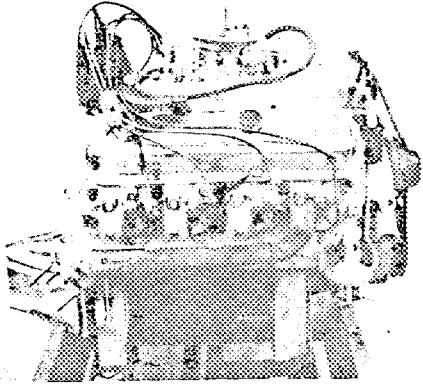
“Available en Groupe 2 uniquement”
“Valid for Group 2 only”

Chevrolet Camaro

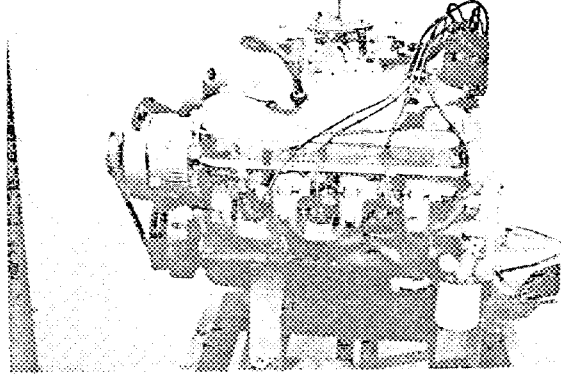
MODEL 12487

FIA REC # 5310

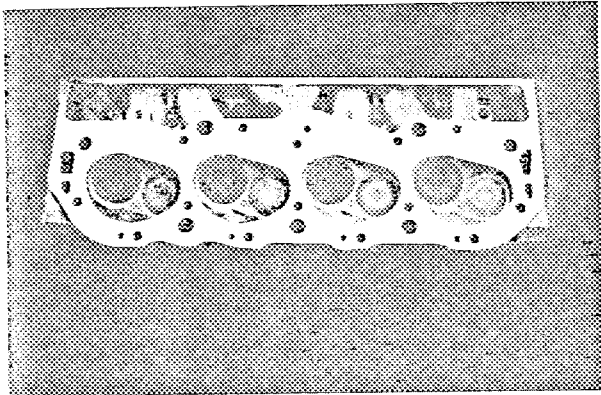
J ENGINE RIGHT *



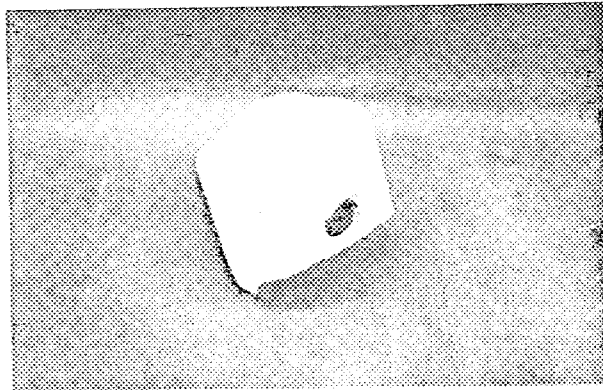
K ENGINE LEFT *



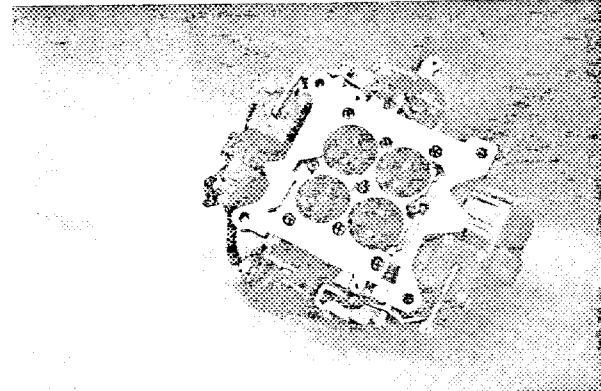
L COMBUSTION CHAMBER



M PISTON TOP



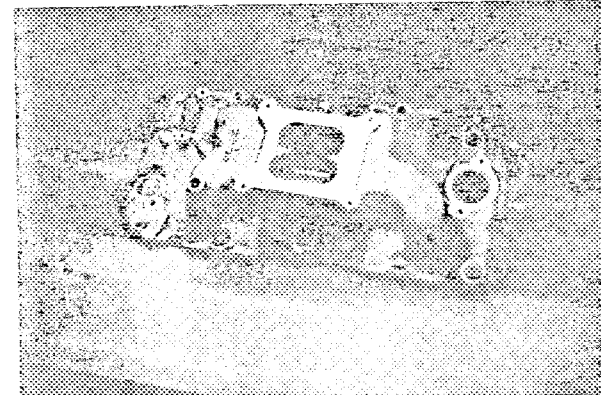
N CARBURETOR



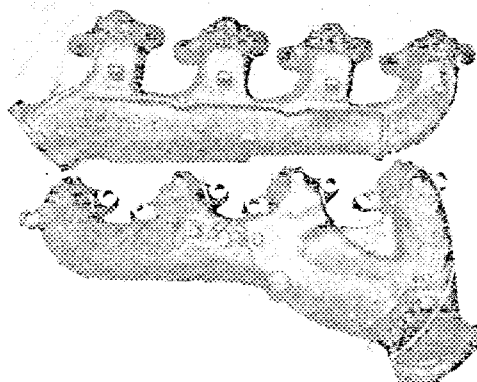
O ENGINE IN PLACE *



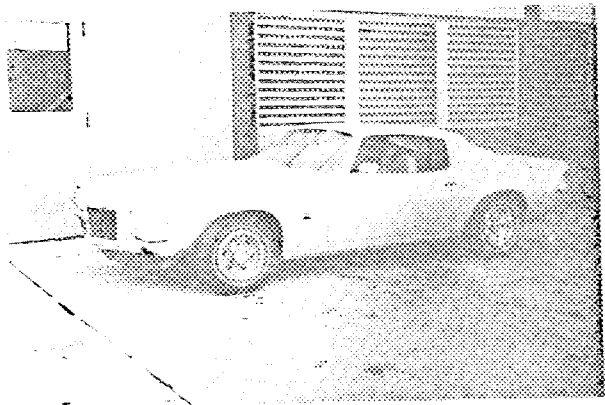
P MANIFOLD INLET



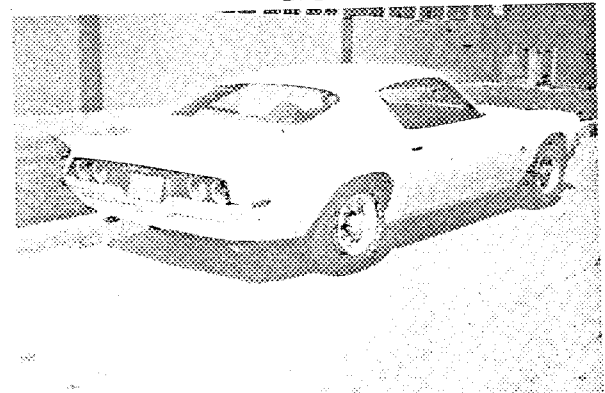
Q MANIFOLD EXHAUST



MAKE Chevrolet Camaro MODEL 12487 REC. NO. 5310 V Group II

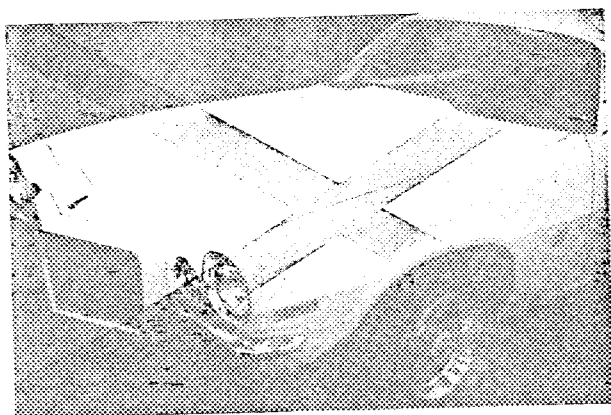


A. 3/4 Front View
(Rallye Sport Grille Shown)

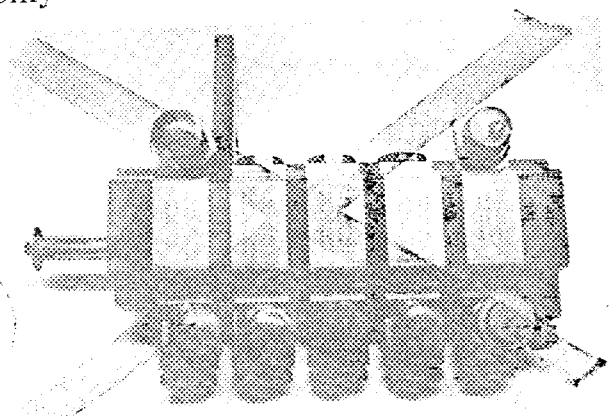


B. 3/4 Rear View

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



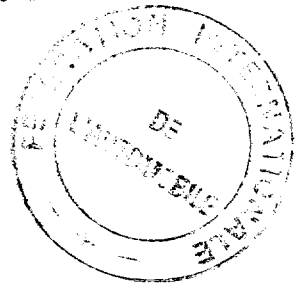
Item 25 Ducted Fresh Air Hood
Part #3984021



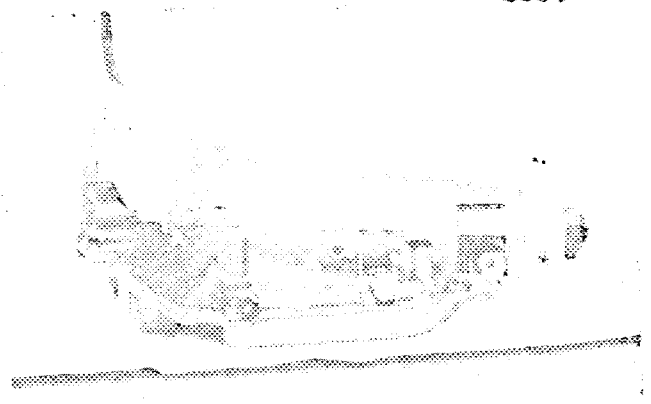
Item 151 Five Stage Oil Pump
Weaver Brothers
#1208
P/N 3965773

Item 154 Aluminum Radiator Asm. Part #3155316

Item 277 Transmission-Automatic
Turbo Hydramatic
Part #8626658



STAMP



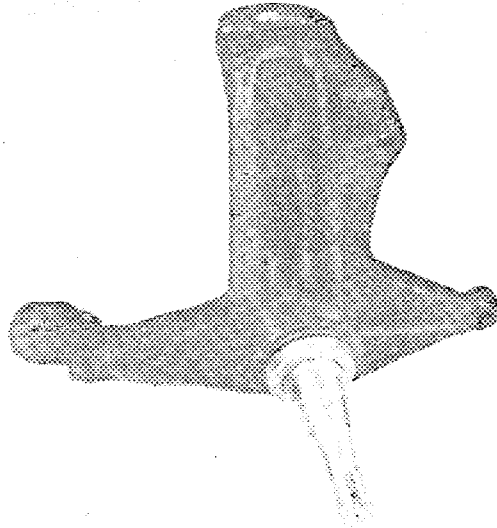
STAMP

MAKE Chevrolet Camaro MODEL 12487 REC. NO. 5310 V

Item

62 Manual Steering Gear. Part #7806396; Gear Ratio 20:1; 2.9 turns

70 Front Suspension
Steering Knuckle
Part # 3965737 LH
3965730 RH



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

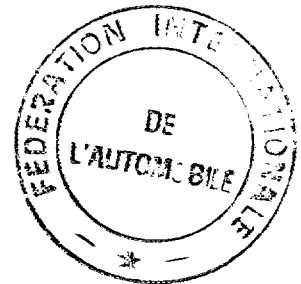
293 Optional Axle Ratios - 8 7/8" Diameter Ring Gear

Part #3961435 - 2.73:1 ratio 41/15
3961407 - 3.07:1 ratio 43/14
3961406 - 3.55:1 ratio 39/11
3961409 - 4.10:1 ratio 41/10
3961410 - 4.56:1 ratio 41/9
3961404 - 4.88:1 ratio 39/8
3931564 - 3.23:1 ratio 13/42
3931565 - 3.42:1 ratio 12/41
3931566 - 3.90:1 ratio 10/39
3931567 - 4.33:1 ratio 9/39

Optional Axle Ratios - 8 1/2" Diameter Ring Gear

Part #1394766 - 2.56:1 ratio 16/41
1394823 - 3.73:1 ratio 11/41
1394824 - 4.10:1 ratio 10/41
1394825 - 4.66:1 ratio 9/42
1394826 - 5.00:1 ratio 9/45

230 Heavy Duty Mechanical Fuel Pump - Part #6415325

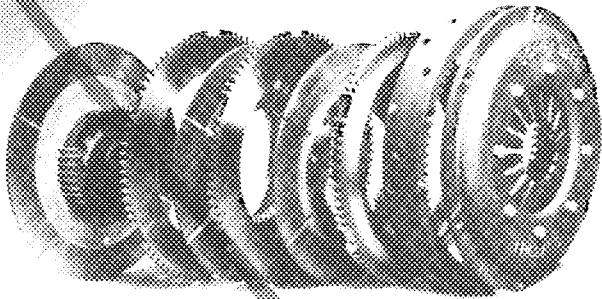


MAKE Chevrolet Camaro MODEL 12487 REC. NO. 5310 V

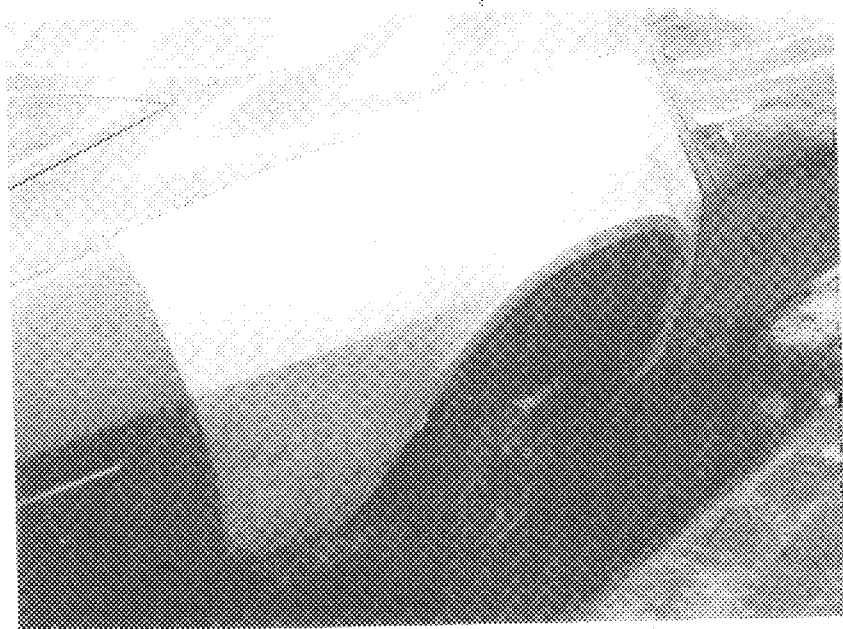
Item

- 260 Type of Clutch: Dry Disc
- 261 Number of plates: 3
- 262 Diameter of Clutch Plates: 7.35 in. 186.69 mm
- 263 Inside diameter of lining: 5.25 in. 133.35 mm
- Outside diameter of lining: 7.25 in. 184.15 mm

Clutch Assembly
Part # CP 2289

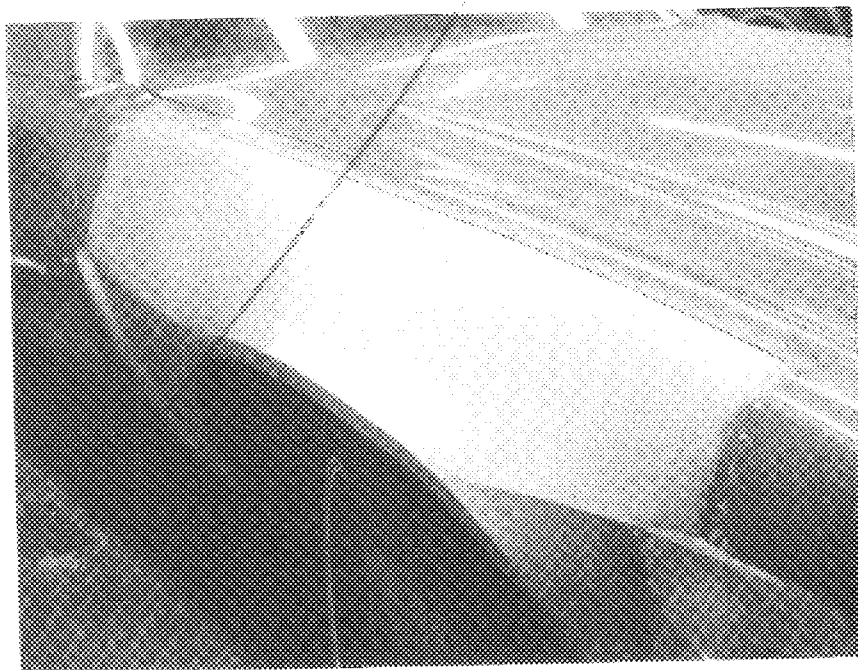


*"Available on Camaro 2 subcompact"
"Only for Group 4 only"*



Part #3965744 Unit - Fender Flare consisting of four (4) fender extensions

"Available on Coupe 2/only"
"Available on 2/only"



STAMP

STAMP

RECEIVED SEP 15 1973

FIA Homologation No. 5310



**AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.**
330 Vanderbilt Motor Parkway
HAUPPAUGE, L. I., NEW YORK 11787



GROUP II USAGE ONLY

10/10V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE
DOCUMENT OF HOMOLOGATION EXTENSION
IN CONFORMITY WITH APPENDIX J OF THE INTERNATIONAL SPORTING CODE

Make CHEVROLET DIVISION G.M.C. Model CAMARO 12487, 1F087

Serial numbers initiating the modifications described below: Chassis/Body 124870N, 1Q87H3N
Engine 350, 402, 427, 454 in³

Date of production of first vehicles incorporating modifications: January 1, 19 70

Designation of vehicles incorporating modifications: _____

This homologation extension is to be considered as a: VARIANT ~~(XXXXXX)~~ Variant

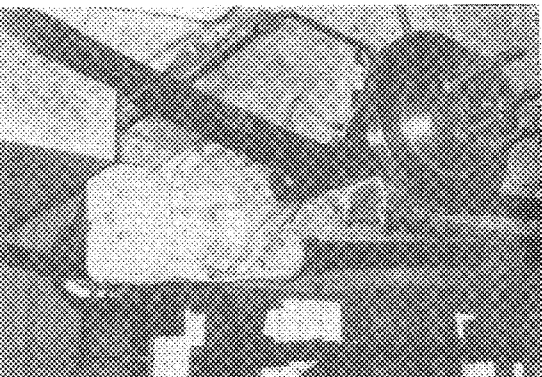
NORMAL EVOLUTION OF TYPE
(Replaces previous design)

This Homologation is valid from 1.1. 19 70 List _____

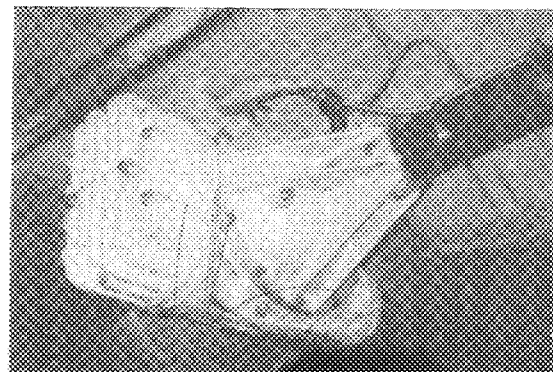
DESCRIPTION OF MODIFICATIONS: REINFORCED SUSPENSION ELEMENT

FINAL DRIVE

- Item 290 - Type-Hotchkiss, Frankland Model 201 Rear Axle
- 291 - Differential Type, Hypoid Ring & Pinion with Auxiliary Gear Set
- 292 - Limited Slip Differential, No-Spin Ratchet Differential, Frankland Friction Type.



REAR BRAKE PHOTO G



REAR AXLE PHOTO E

Signature & Stamp of National Sporting Authority

John V. Cavan

Signature & Stamp of the F.I.A.

Available to Group 2 competitors only

FIA Homologation No. 5310

11/12



**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 Motor Div. - GMC Model Camaro 1F087

Serial numbers initiating the
modifications described below:

Chassis/Body 1Q87T4N100001

Engine F (Date) CKB

Date of production of first vehicles incorporating modifications: August 15 1973

Designation of vehicles incorporating modifications: _____

This homologation extension is to be considered as a: VARIANT (Option)

NORMAL EVOLUTION OF TYPE *
(Replaces previous design)

This Homologation is valid from 1 1 1974 List _____

DESCRIPTION OF MODIFICATIONS:

ITEM

| | | | | | |
|----|----------------------------------|--------|--------|--------------|------------|
| 2 | Front Track | 1564.0 | MM | 61.6 | Inches |
| 4 | Overall Length | 496.0 | CM | 195.4 | Inches |
| 6 | Overall Height | 125.0 | CM | 49.2 | Inches |
| 7 | Capacity of Fuel Tank | 79.5 | Litres | 21 (Approx.) | U.S. Gals. |
| 44 | Bumper, Frt. Material - Aluminum | | | | |
| 45 | Bumper, Rr. Material - Aluminum | | | | |

Signature & Stamp of
National Sporting Authority



John V. Claman

Signature & Stamp
of the F.I.A.

[Signature]

MAKE Chevrolet Camaro

MODEL 1FQ87

REC. NO. 5310

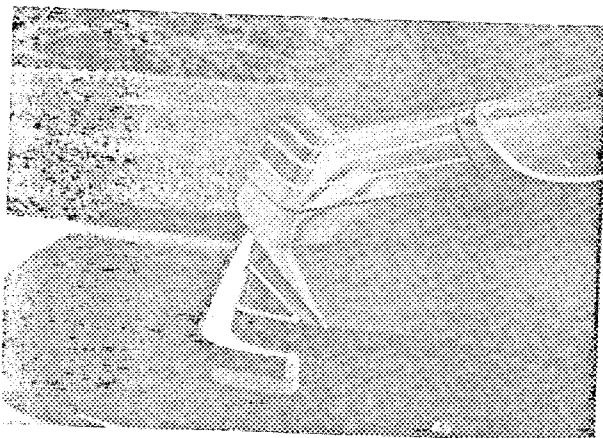
E 11/1E



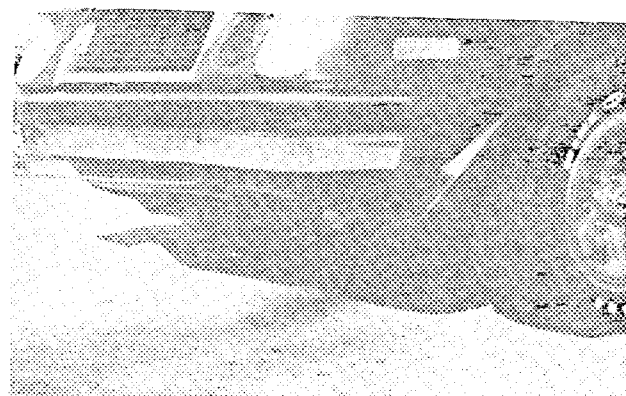
A. 3/4 FRONT VIEW



B. 3/4 REAR VIEW



REAR DECK LID SPOILER
P/N 480161, 339433-4
RPO D-80



FRONT VALANCE PANEL EXTENSION
UNIT P/N 339495

MAKE Chevrolet Camaro MODEL 12487 REC.NO. 5310 V
 350-402-427-454 cu.in. Engines Group II Usage Only

12/11V

Item

BRAKES (Photos F & G)

90 Method of operation: Hydraulic

| | | Front | | Rear | |
|----|--------------------------------|---------|----------|---------|----------|
| 93 | Number of cylinders per wheel: | 8 | | 4 | |
| 94 | Bore of wheel cylinder | 42.7 mm | 1.375 in | 42.7 mm | 1.685 in |

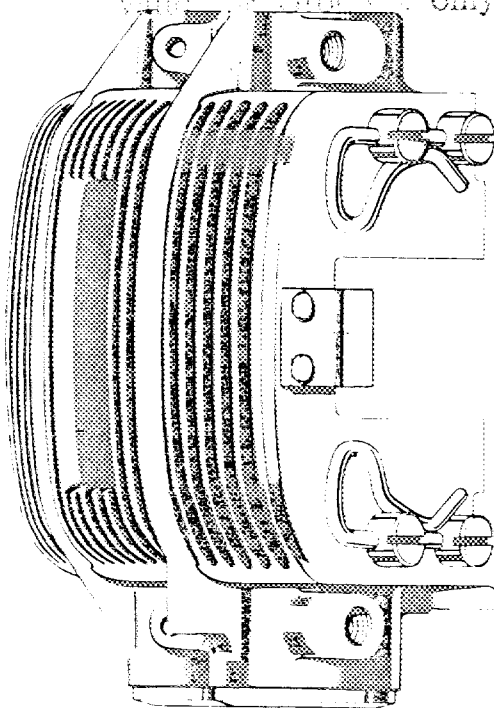
DISC BRAKES

| | | | | | |
|-----|-----------------------------|----------|----------|-----------|----------|
| 100 | Outside Diameter: | 304.8 mm | 12.00 in | 298.45 mm | 11.75 in |
| 101 | Thickness of disc: | 31.75 mm | 1.25 in | 31.75 mm | 1.25 in |
| 102 | Length of brake linings: | 116.8 mm | 4.60 in | 97.7 mm | 3.85 in |
| 103 | Width of brake linings: | 47.2 mm | 1.86 in | 53.4 mm | 2.10 in |
| 104 | Number of pads per brake: | 4 | | 2 | |
| 105 | Total area per brake: (Pad) | 19350 mm | 30.0 in | 10014 mm | 15.32 in |

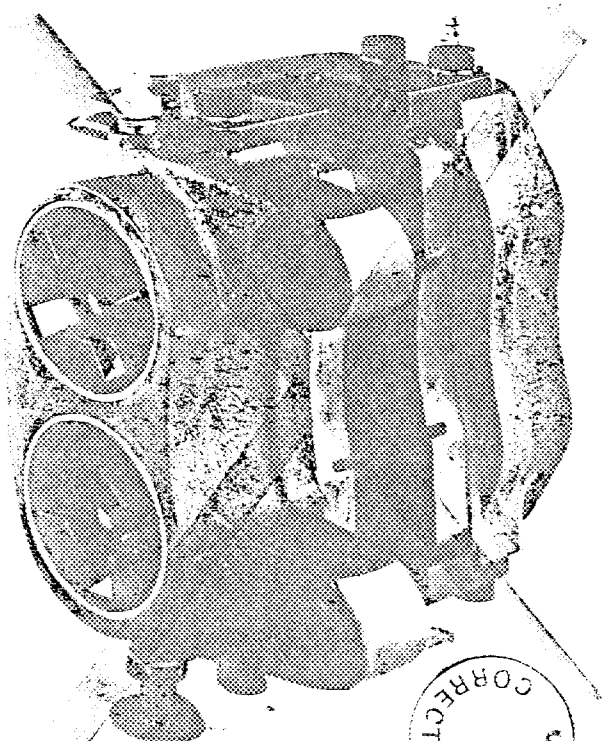
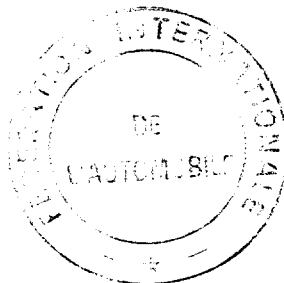
ALTERNATIVE FRONT & REAR BRAKE

| | | | |
|-----|----------------------------------|----------|----------|
| 101 | Thickness of Disc: | 1.375 in | 34.93 mm |
| | "Available on Groups A & B only" | 1.10 in | 27.94 mm |

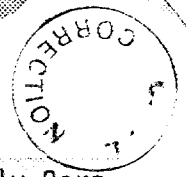
"Available on Groups A & B only"



Photograph F
Front Caliper Part No. CP 2414



Photograph G
Rear Caliper Assembly Part
No. 411 1830/1 18/4



MAKE Chevrolet Camaro MODEL 12487 REC. NO. 5310 V
 350-402-427-454 cu. in. Engines Group II Usage Only

Item

12/11V

Valid as from 1.3.74



90 RPO J-56 Heavy Duty Disc Brakes
 Part #3965733 Rear Axle Asm. w/Disc Brakes

BRAKES (Photos F & G)

90 Method of operation: Hydraulic
 91 Power assisted (if fitted), type: Vacuum assist
 92 Number of master cylinders: One, dual circuit

| | | | | |
|----|--------------------------------|--------------|---------|--------------------|
| | | <u>Front</u> | | <u>Rear</u> |
| 93 | Number of cylinders per wheel: | 2 | | 2 |
| 94 | Bore of wheel cylinder: | 50.8 mm | 2.00 in | 41.275 mm 1.625 in |

DISC BRAKES

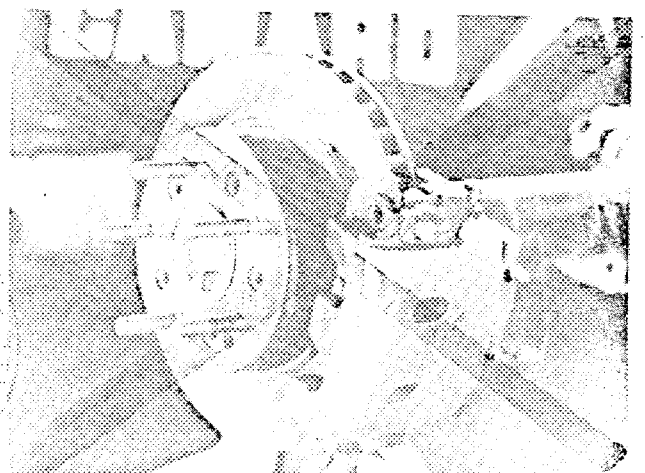
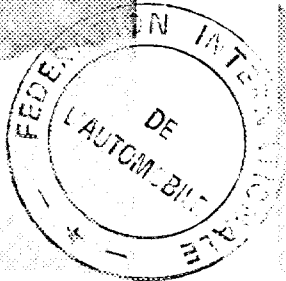
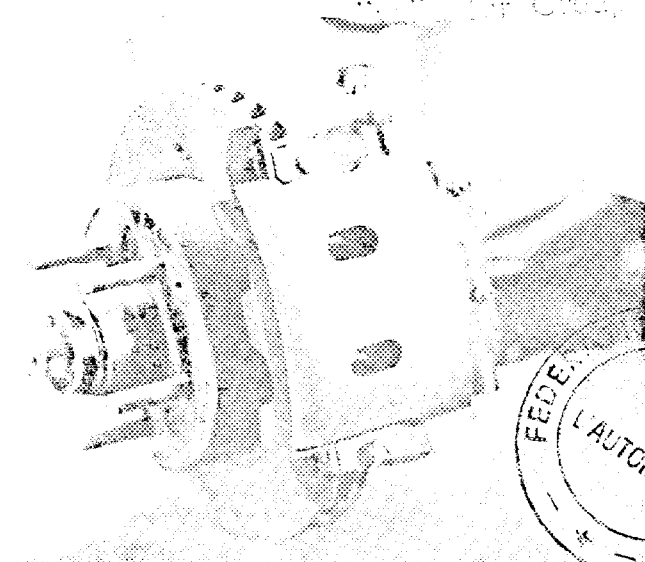
| | | | | | |
|-----|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 100 | Outside diameter: | 298.45 mm | 11.75 in | 298.45 mm | 11.75 in |
| 101 | Thickness of disc: | 31.75 mm | 1.25 in | 31.75 mm | 1.25 in |
| 102 | Length of brake linings: | 136.398 mm | 5.37 in | 136.398 mm | 5.37 in |
| 103 | Width of brake linings: | 52.07 mm | 2.05 in | 52.07 mm | 2.05 in |
| 104 | Number of pads per brake: | 2 | | 2 | |
| 105 | Total area per brake:(Pad) | 12129 mm ² | 18.80 in ² | 12129 mm ² | 18.80 in ² |

ALTERNATIVE FRONT BRAKE

101 Thickness of Disc: 1.10 in 27.94 mm

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

[Handwritten signature]



Photograph F

Front Brake Caliper Part No. DOZX 2B513A

Photograph G

Rear Brake Caliper Part No.
 DOZX 2B514A

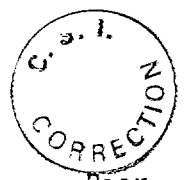
MAKE Chevrolet Camaro MODEL 12487 REC. NO. 5310 V
350-402-427-454 cu. in. Engines Group II Usage Only

12/11V

Item

BRAKES (Photos F & G)

90 Method of operation: Hydraulic
 91 Power assisted (if fitted), type: Vacuum Assist
 92 Number of master cylinders: One, dual circuit



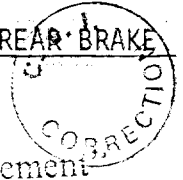
| | | | | | |
|----|--------------------------------|----------------|-----------------|----------------|----------------|
| | | <u>Front</u> | | <u>Rear</u> | |
| 93 | Number of cylinders per wheel: | 4 | | 4 | |
| 94 | Bore of wheel cylinder: | <u>42.7 mm</u> | <u>1.685 in</u> | <u>38.1 mm</u> | <u>1.50 in</u> |

DISC BRAKES

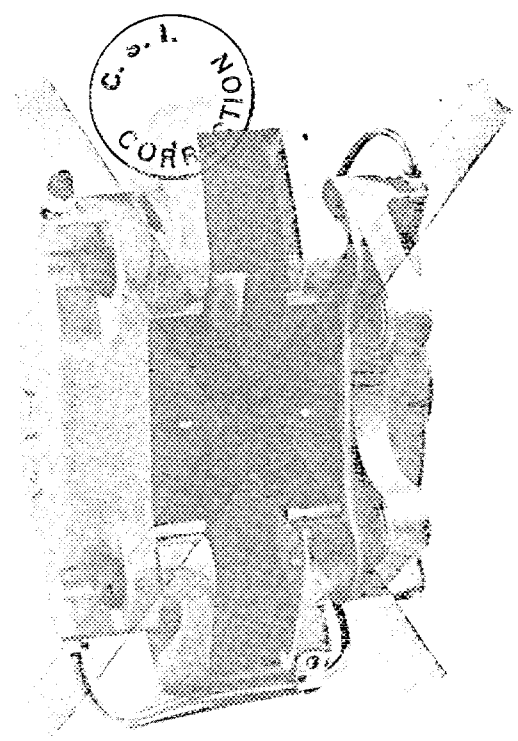
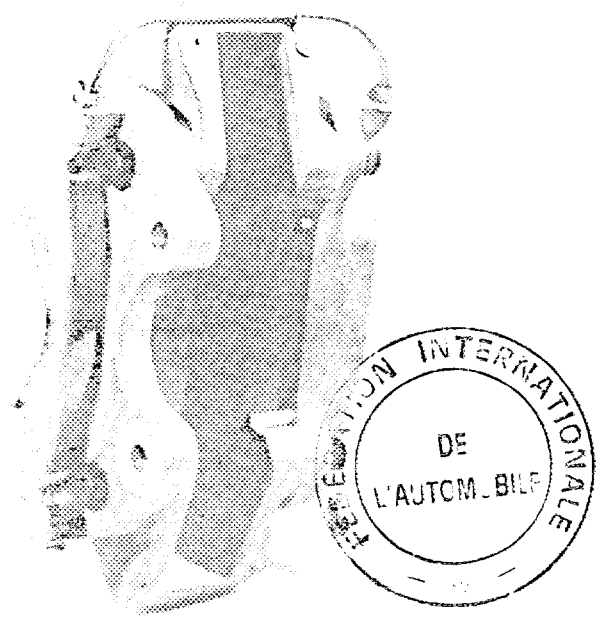
| | | | | | |
|-----|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 100 | Outside diameter: | <u>298.45 mm</u> | <u>11.75 in</u> | <u>298.45 mm</u> | <u>11.75 in</u> |
| 101 | Thickness of disc: | <u>31.75 mm</u> | <u>1.25 in</u> | <u>31.75 mm</u> | <u>1.25 in</u> |
| 102 | Length of brake linings: | <u>97.7 mm</u> | <u>3.85 in</u> | <u>97.7 mm</u> | <u>3.85 in</u> |
| 103 | Width of brake linings: | <u>53.4 mm</u> | <u>2.10 in</u> | <u>53.4 mm</u> | <u>2.10 in</u> |
| 104 | Number of pads per brake: | 2 | | 2 | |
| 105 | Total area per brake: (Pad) | <u>10014 mm²</u> | <u>15.32 in²</u> | <u>10014 mm²</u> | <u>15.32 in²</u> |

ALTERNATIVE FRONT & REAR BRAKE

101 Thickness of Disc: 1.10 in 27.94 mm



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



Photograph F
 Front Caliper Part #411 1830/1 18/4

Photograph G
 Rear Caliper Assembly Part
 # 411 1832/3 16/4

MAKE Chevrolet Camaro MODEL 12487 REC. NO. 5310 V
 350-402-427-454 cu. in. Engines Group II Usage Only

Item

12/11V

90 RPO J-56 Heavy Duty Disc Brakes
 Part #3965733 Rear Axle Asm. w/Disc Brakes



BRAKES (Photos F & G)

90 Method of operation: Hydraulic
 91 Power assisted (if fitted,) type: Vacuum Assist
 92 Number of master cylinders: One, dual circuit

| | Front | | Rear | |
|-----------------------------------|----------|---------|---------|---------|
| 93 Number of cylinders per wheel: | 4 | | 4 | |
| 94 Bore of wheel cylinder: | 44.45 mm | 1.75 in | 52.1 mm | 1.50 in |

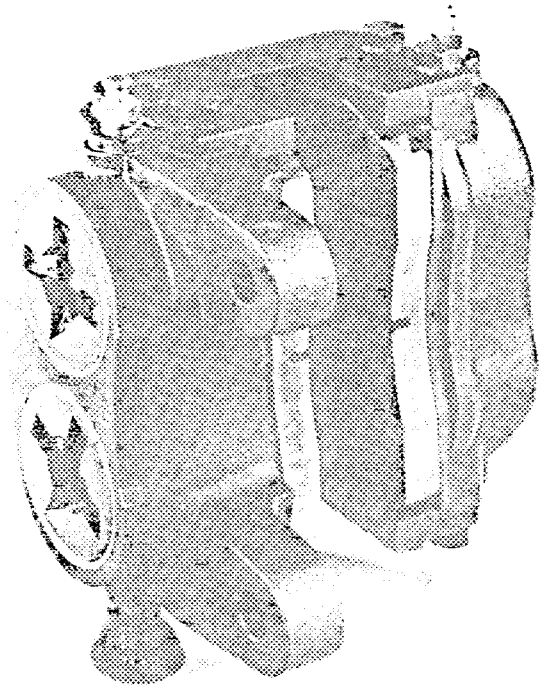
DISC BRAKES

| | | | | |
|---------------------------------|------------------------|----------------------|------------------------|----------------------|
| 100 Outside diameter: | 304.04 mm | 11.97 in | 304.04 mm | 11.97 in |
| 101 Thickness of disc: | 31.75 mm | 1.25 in | 27.94 mm | 1.10 in |
| 102 Length of brake linings: | 139.7 mm | 5.20 in | 125.73 mm | 4.95 in |
| 103 Width of brake linings: | 50.8 mm | 2.0 in | 50.8 mm | 2.0 in |
| 104 Number of pads per brake: | 2 | | 2 | |
| 105 Total area per brake: (Pad) | 1225.8 mm ² | 19.0 in ² | 1154.9 mm ² | 17.9 in ² |

ALTERNATIVE FRONT BRAKE

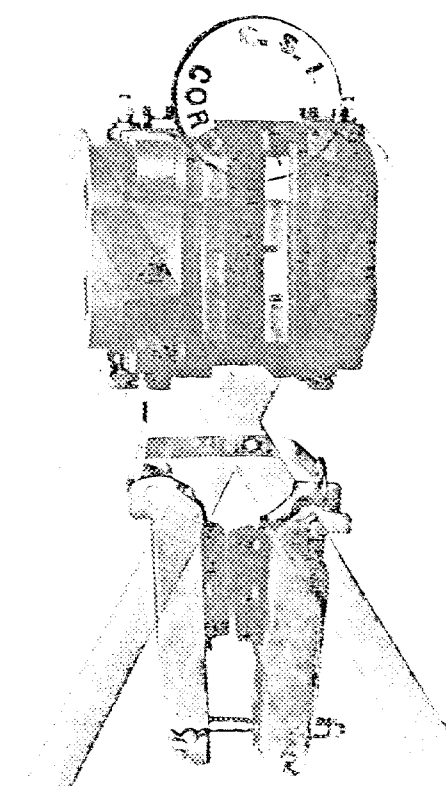
101 Thickness of Disc 1.10 in 27.94 mm.,

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



Photograph F

Front Caliper Part #CP 2279-36/37
 or Part #CP 2279-26/27



Photograph G

Rear Caliper
 Assembly CP 2271-16/17

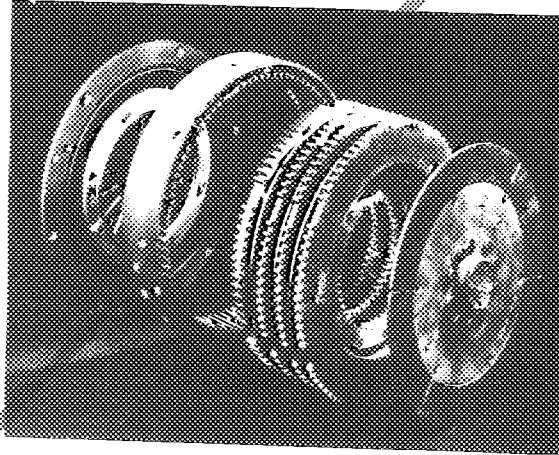
MAKE Chevrolet Camaro MODEL 12487 REC. NO. 5310 V
350-402-27-454 cu. in. Engines Group II Usage Only

12/10

Item

260 Type of Clutch: Dry Disc
261 Number of plates: 4
262 Diameter of Clutch Plates: 7.25 in. 184.15 mm
263 Inside diameter of lining: 5.25 in. 133.35 mm
Outside diameter of lining: 7.25 in. 184.15 mm

Clutch Assembly
Part No. CP 2415



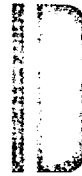
"Valid for Group 2 equipment"
"Valid for Group 2 only"

FIA Homologation No. 5310

13/12V



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 Motor Div. GMC Model Camaro 12487, 1F087

Serial numbers initiating the modifications described below: Chassis/Body 124870N, 1087H3N
Engine 350, 402, 427, 454 in³

Date of production of first vehicles incorporating modifications: January 1, 19 70

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 4 19 74 List _____

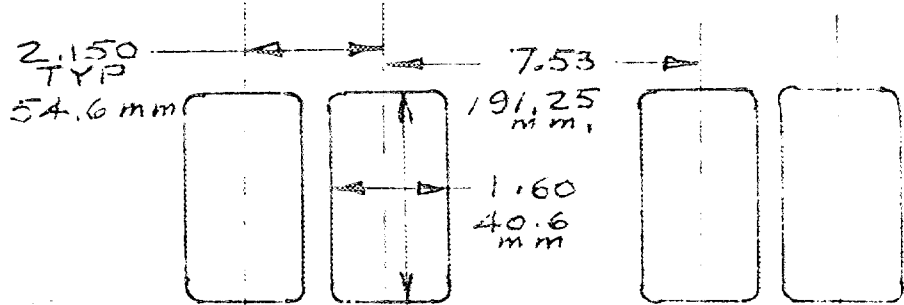
DESCRIPTION OF MODIFICATIONS:

| <u>Item</u> | | | |
|-------------|---|---------|---------|
| 50 | Wheel type-pressed steel part #327708 | | |
| 51 | Weight (per wheel) 10.9 kg 24.2 lbs | | |
| 52 | Method of attachment: 5 nuts | | |
| 53 | Rim: diameter: 381 MM 15.0 in. | | |
| 54 | Rim: width 203.2 MM 8.0 in. | | |
| 60 | Steering type: Recirculating Ball - Worm & Sector | | |
| 62 | Number of turns of steering wheel - 2.9 | | |
| | Steering gear asm. - part #7806396 20:1 ratio | | |
| 139 | Cylinder Head Material - Cast Iron | | |
| | Casting #340292 for 350 in ³ Engine | | |
| 293 | Rear axle final drive | | |
| | ratio | 3.07:1 | 2.73:1 |
| | teeth no. | 43/14 | 41/15 |
| | part no. | 3961407 | 3961435 |
| | | | 3.55:1 |
| | | | 39/11 |
| | | | 3961406 |

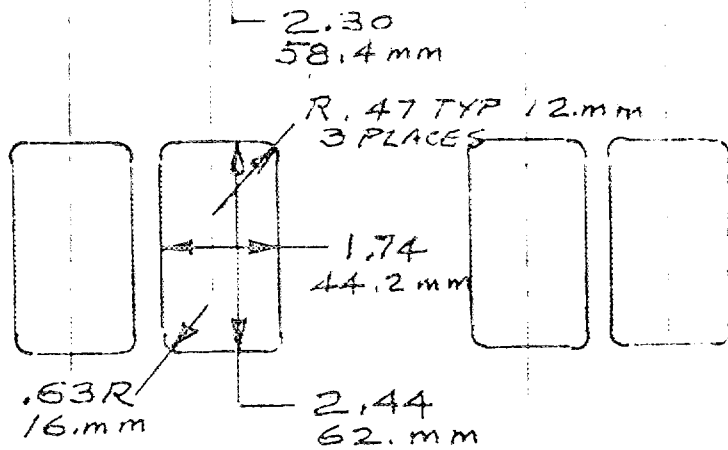
Signature & Stamp of
National Sporting Authority

Signature & Stamp
of the F.I.A.

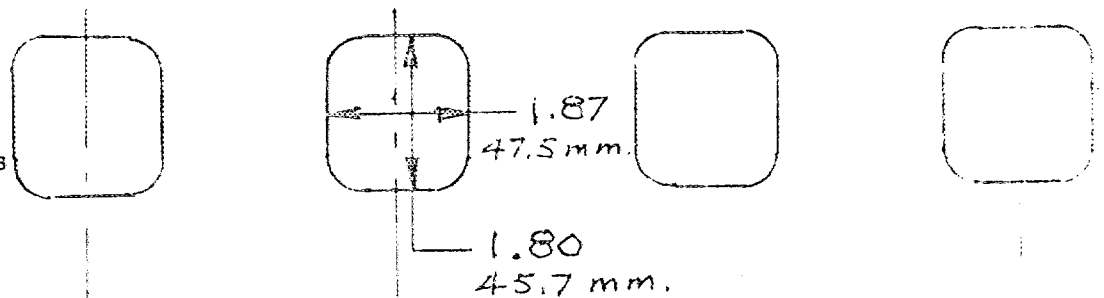
Drawing inlet manifold ports, side of cylinder head. Indicate scale or dimensions and manufacturing tolerance.



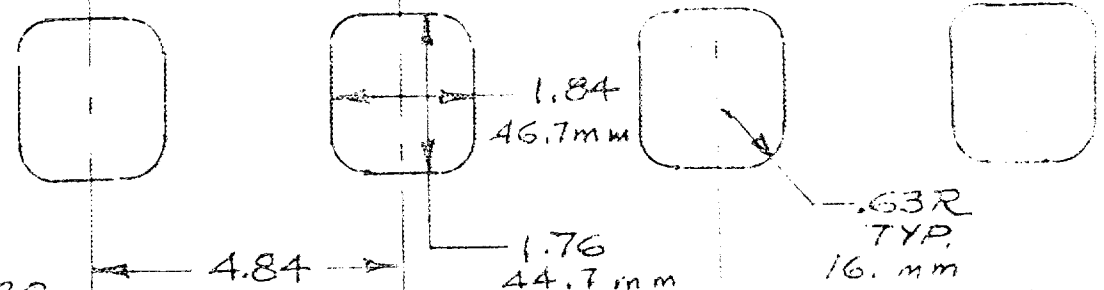
Drawing of entrance to inlet port of cylinder head. Indicate scale or dimensions and manufacturing tolerance.



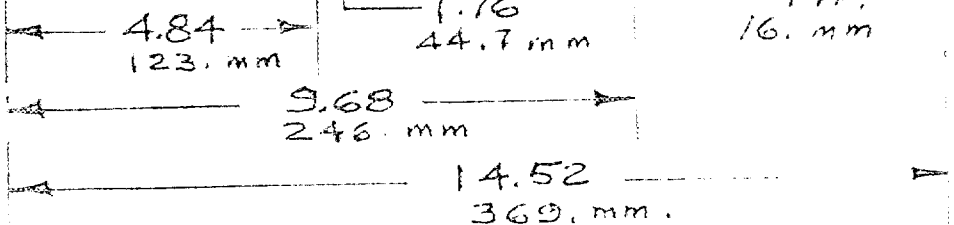
Drawing exhaust manifold ports, side of cylinder head. Indicate scale or dimensions and manufacturing tolerance.



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



ALL DIMS ± .020
OR 0.5 mm.





AUTOMOBILE COMPETITION COMMITTEE
 FOR THE UNITED STATES, FIA, INC.
 330 VANDERBILT MOTOR PARKWAY
 HAUPPAUGE, L.I., N.Y. 11787

FEDERATION INTERNATIONALE DE L'AUTOMOBILE
 DOCUMENT OF HOMOLOGATION EXTENSION
 IN CONFORMITY WITH APPENDIX J OF THE INTERNATIONAL SPORTING CODE

Make Chevrolet Model Camaro 12487
 Serial numbers initiating the modifications described below: Chassis/Body 12487 - N10001
 Engine -----
 Date of production of first vehicles incorporating modifications: 1 September 1973
 Designation of vehicles incorporating modifications: Camaro 350
 This homologation extension is to be considered as a: VARIANT (Option)
 NORMAL EVOLUTION OF TYPE Errata
 (Replaces previous design)
 This Homologation is valid from 1.4 19 74 List -----

DESCRIPTION OF MODIFICATIONS:

ERRATA

Variant 4/4V of F.I.A. #5310, valid 1 January 1971, should include the following information:

CARBURETION

- 212 Make - Rochester
- 213 Model - Quadrajet
- 214 Number of Mixture Passages - 4
- 215 Carburetor flange hole diameter - 1.38 in. 35.05 mm primary
 2.25 in. 57.15 mm secondary
- 216 Venturi throat diameter - 1.04 in. 26.41 mm primary
 (no secondary)

Signature & Stamp of
 National Sporting Authority

Signature & Stamp
 of the F.I.A.



MAKE Chevrolet

MODEL Camaro 350 CID

FIA REG. NO. 14/CE

INLET

| | | | |
|------|----------------------------|----------|---------|
| 186. | <u>Maximum valve lift:</u> | .390 in. | 9.91 mm |
| | | o | |
| 187. | Valves open at: | 28 | BTC |
| | | o | |
| 188. | Valves close at: | 72 | ABC |

EXHAUST

| | | | |
|------|----------------------------|----------|----------|
| 197. | <u>Maxixmu valve lift:</u> | .410 in. | 10.41 mm |
| | | o | |
| 202. | Valves open at: | 78 | BBC |
| | | o | |
| 203. | Valves close at: | 30 | ATC |



Automobile Competition Comm.
For The U.S., FIA, INC.
1725 "K" St., N.W., Suite 302
WASHINGTON, D. C. 20006

FEDERATION INTERNATIONALE DE L'AUTOMOBILE
DOCUMENT OF HOMOLOGATION EXTENSION
IN CONFORMITY WITH APPENDIX J OF THE INTERNATIONAL SPORTING CODE

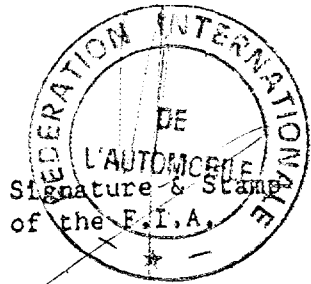
Make Chevrolet Model Camaro
 Serial numbers initiating the modifications described below: _____
 Chassis/Body 124870
 Engine _____
 Date of production of first vehicles incorporating modifications: 1 September 1970
 Designation of vehicles incorporating modifications: Camaro 402
 This homologation extension is to be considered as a: VARIANT (Option) _____
 NORMAL EVOLUTION OF TYPE ERRATA
 (Replaces previous design)
 This Homologation is valid from 1. 7. 1975 List _____

DESCRIPTION OF MODIFICATIONS:

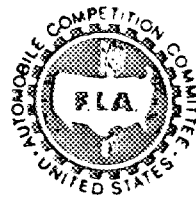
THE FOLLOWING DIMENSIONS OF VARIANT 1/1V SHOULD READ:

| | | |
|------------------|-----------|----------|
| <u>INLET CAM</u> | | |
| S= | 24.003 mm | .945 in |
| T= | 16.23 mm | .639 in |
| U= | 32.969 mm | 1.298 in |

Signature & Stamp of
National Sporting Authority



FIA NO. 5310 98/134
GROUP 1



Telephone (202) 833-9133

Cable Address: "ACCUSFIA" Washington, D.C.
Telex: 89-428 ACCUS WSH

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

Suite 302, 1725 K St. N.W. , Washington, D.C. 20006

FEDERATION INTERNATIONALE DE L'AUTOMOBILE
FORM OF RECOGNITION

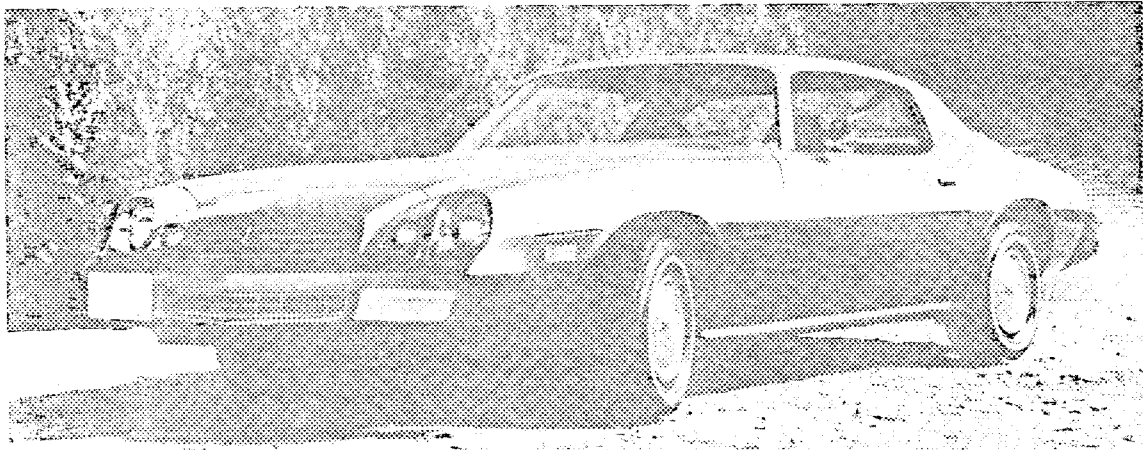
In Accordance with Appendix "J" of the International Sporting Code

Cylinder Capacity 5738 cm³ 350 in³

Manufacturer Chevrolet Motor Division GMC Model Camaro
Serial # Chassis 1Q87L8N500001 Manufacturer Chevrolet
Serial # Engine F (Date) Chr Manufacturer Chevrolet
Recognition valid from -1 MAI 1978 List _____

The manufacturing of the model described in this recognition form was started on Aug. 15, 1977 and the minimum production of 5000 identical cars, in accordance with the specifications of this form, was reached on October 1, 1978.

A 3/4 Front View Car *



The following amendments apply to the vehicle identified above:

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

Stamp/Signature
F.I.A.



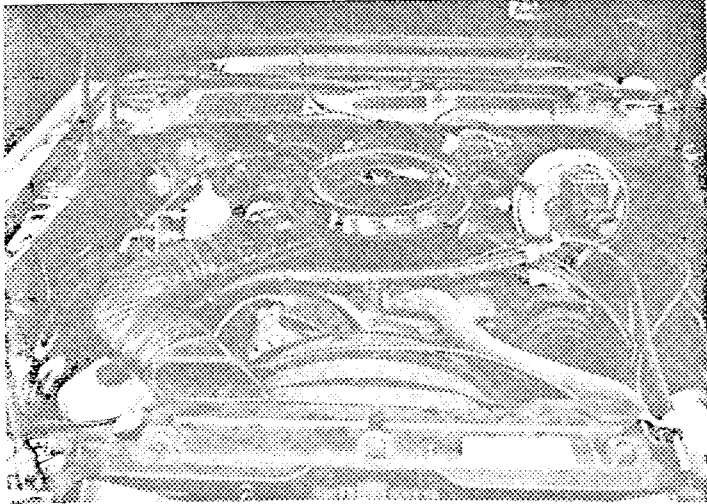
MAKE CHEVROLET CAMARO

MODEL 1FQ87

REC. NO. 5310

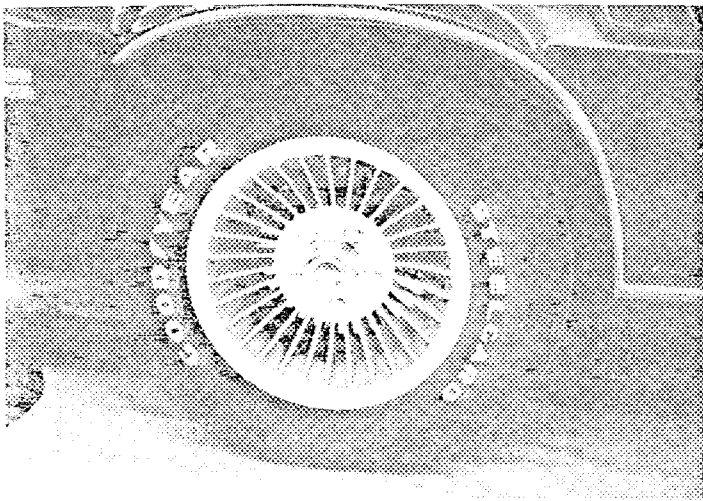
16 / 13 V

E

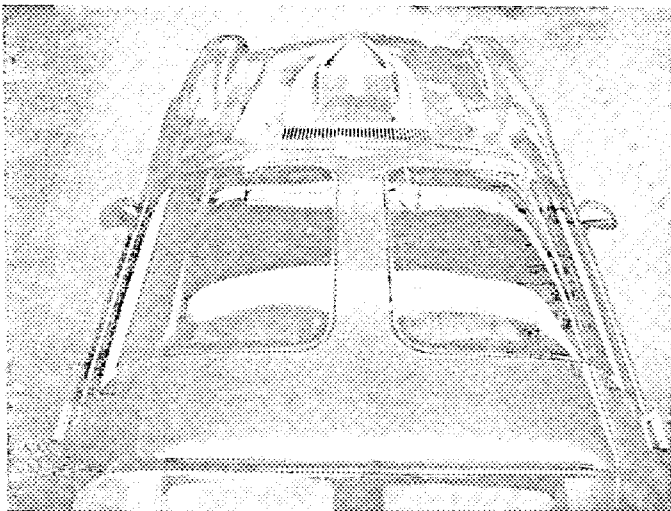


0. Engine Compartment

(Optional Air Conditioning Shown)

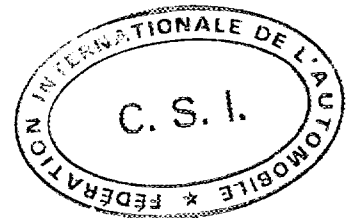


YJ8 Optional Aluminum Wheels



CC1 Optional Removable Glass Roof Panels

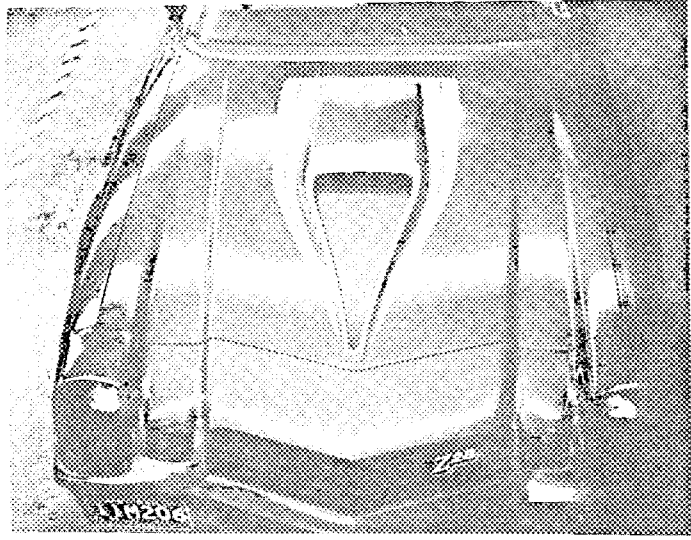
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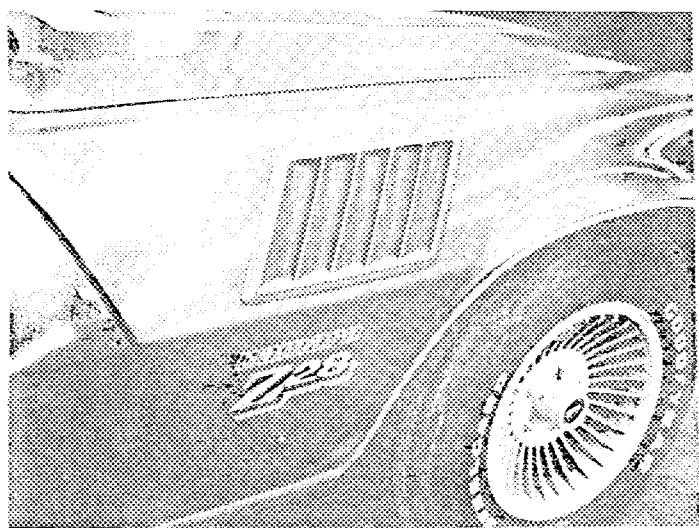
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10/13V

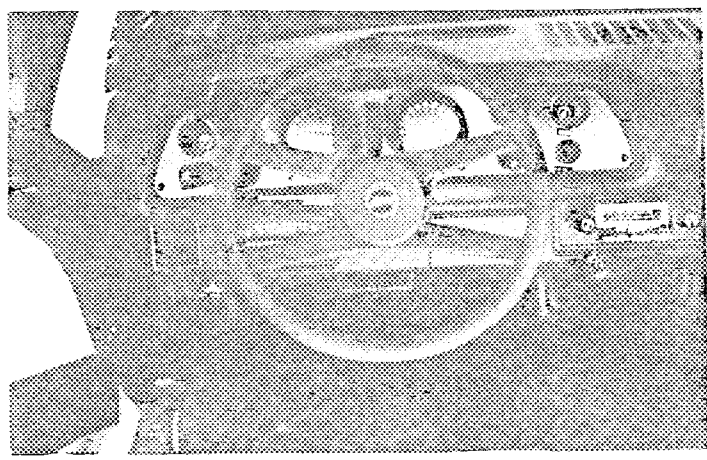
MAKE CHEVROLET CAMARO MODEL 1FQ87 REC. NO. 5310 E



Z-28 Air Induction Hood Scoop



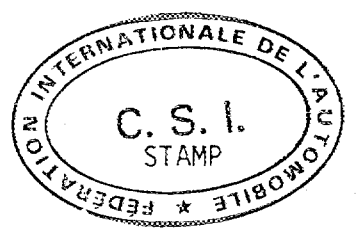
Z-28 Front Fender Air Louver



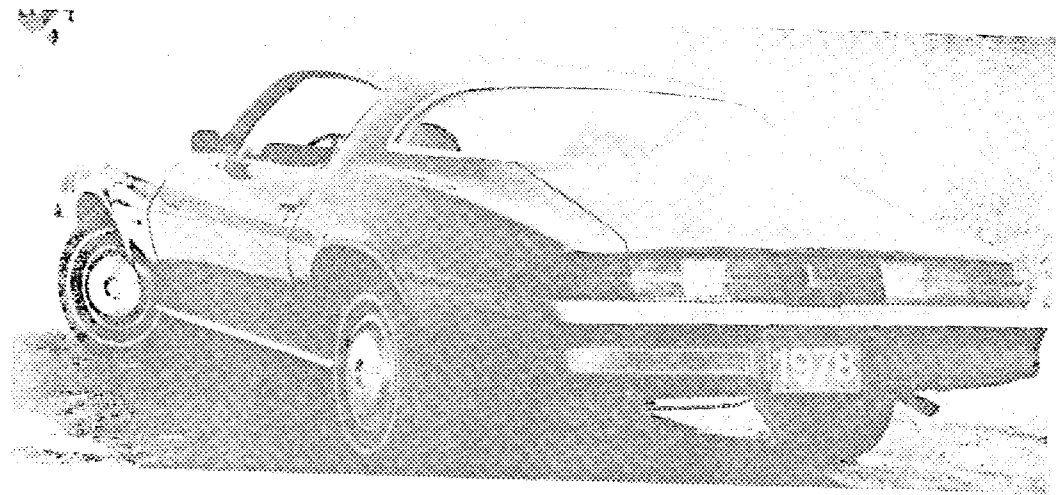
C. Instrument Panel.

U14 Optional Instrumentation
Shown

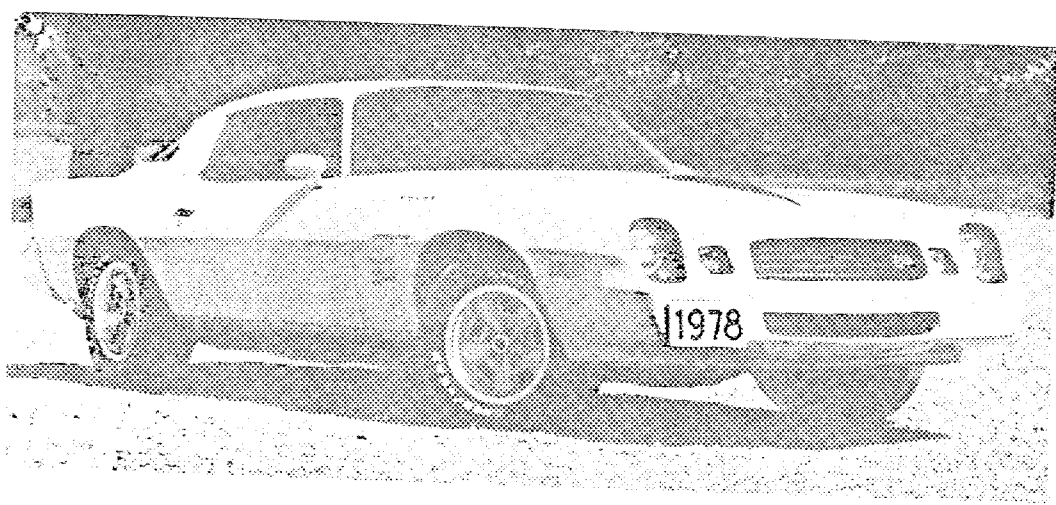
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MAKE CHEVROLET CAMARO MODEL 1FQ87 REC. NO. 16 / 13 V
5310 E



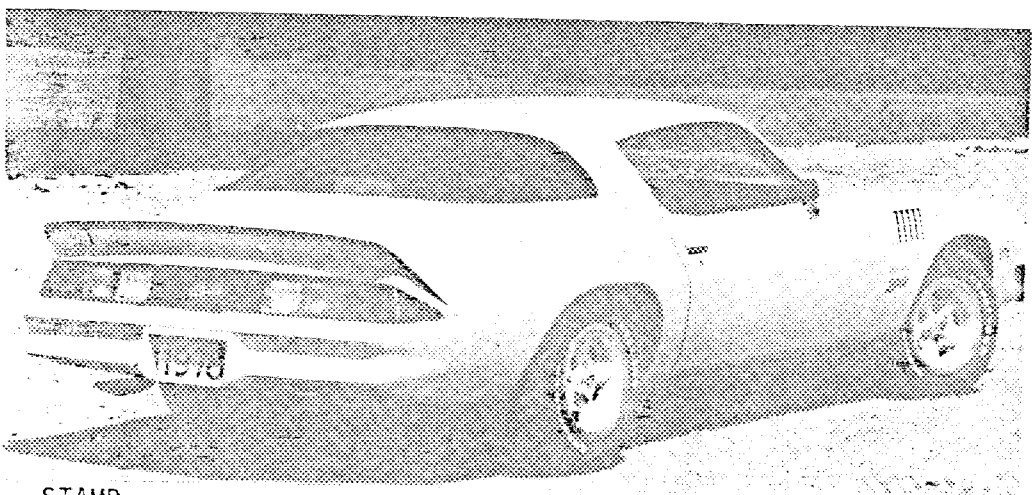
B. 3/4 Rear View
Standard Sport Coupe.
Standard Steel Wheels shown



A. 3/4 Front View

Z-28 Sport Coupe option

ZJ7 option
Rally Sport Wheels shown

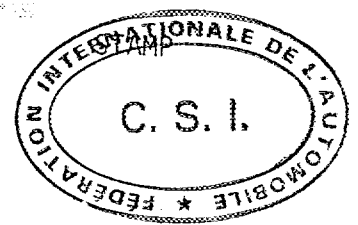


B. 3/4 Rear View

Z-28 Sport Coupe option

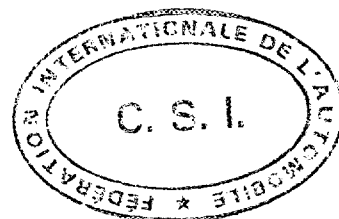
Option D 80
Rear Deck Lid Air Spoiler shown

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18 / 13 V
MAKE CHEVROLET CAMARO MODEL 1FQ87 REC. NO. 5310 E

4. Overall length of car 197.6 inches 501.9 cm
7. Capacity of fuel tank 21.0 (approximately) Gal. U.S. 79.49 Ltrs.
9. Weight - Total weight of car 3300 pounds 1496.9 Kg
44. Bumper, Front Material: Reinforced Urethane Integral with body
45. Bumper, Rear Material: Reinforced Urethane Integral with body
50. Wheel Type: Stamped Steel
Optional Cast Aluminum
51. Wheel Weight: 16.00 pounds 7.258 Kg
Optional: 19.00 pounds 8.618 Kg
53. Rim, Diameter 14 Inches 355.6 mm
Optional 15 Inches 381 mm
54. Rim, Width 7 Inches 177.8 mm
Optional 7 Inches 177.8 mm
63. Number of Steering Wheel Turns From Lock to Lock Base 2.41 Z-28 2.61
293. Final Drive Ratio 3.73:1 3.42:1
Teeth - Number 43/13 41/12



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