AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.
433 MAIN ST.
STAMFORD, CONN. 06901
(203) 348-6233

FIA NO. 5379

GROUP I (Shown)
II (Options)

Federation Internationale de l'Automobile
FORM OF RECOGNITION

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

Cylinder capacity 1600 cm3 97.6 in3

Manufacturer Ford Motor Co. Model Pinto

Serial # Chassis 1X10W Manufacturer Ford Motor Co.

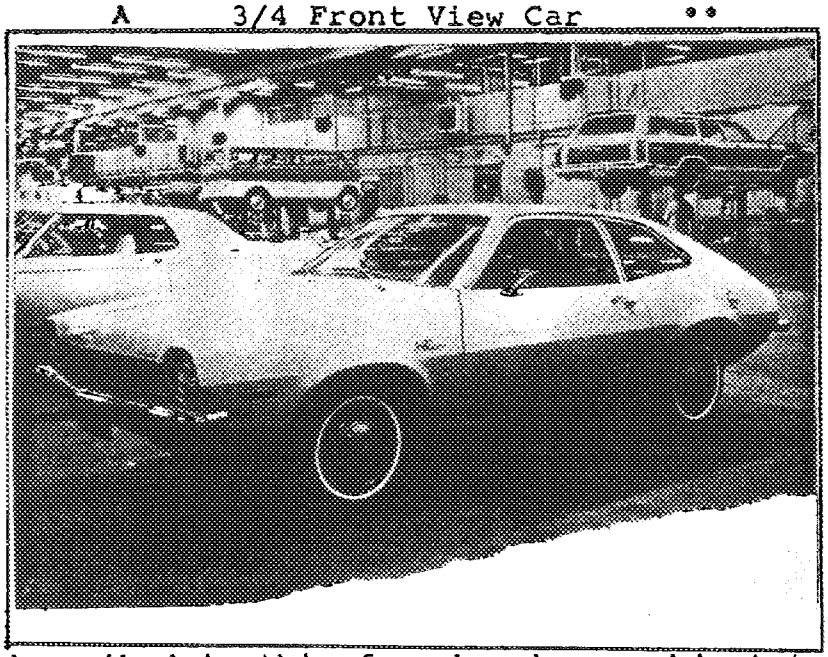
Serial # Engine 1X10W Manufacturer Ford Motor Co.

Recognition valid from _____ List _____

The manufacturing of the model described in this recognition form was started on August, 1970 and the minimum production of 5,000 identical cars, in accordance with the specifications of this form, was reached on September, 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

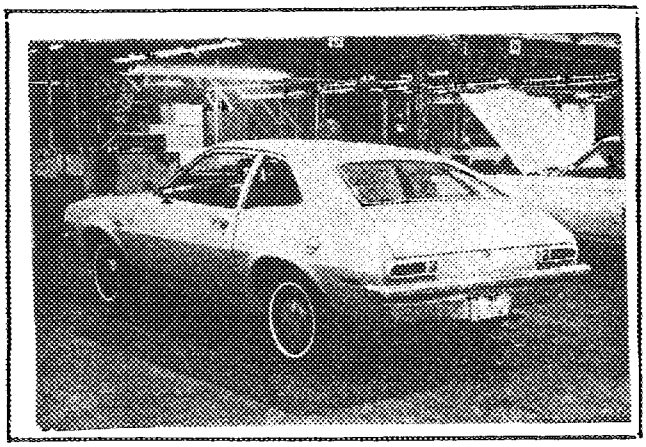
on 19 rec # list
on 19 rec # list
on 19 rec # list

Stamp/Signature of
National Sporting Authority

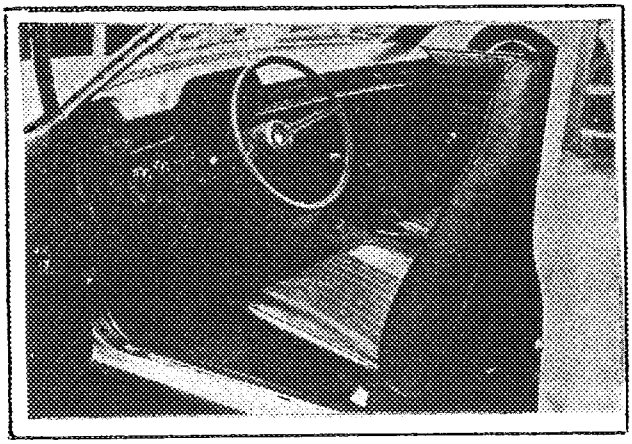
Stamp/Signature
F.I.A.

MAKE Pinto MODEL 1600 FIA REC # 5379

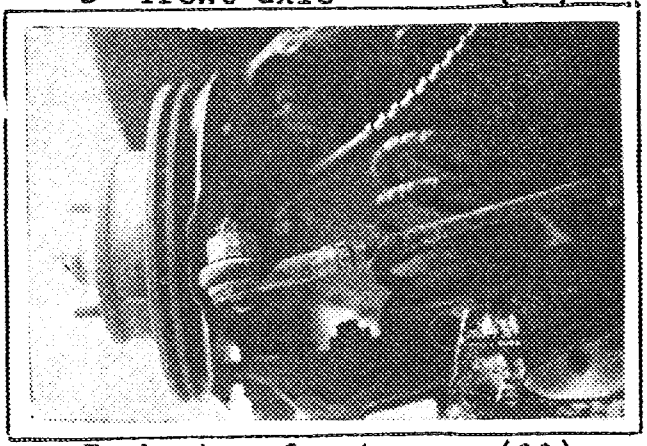
B 3/4 rear car (**)



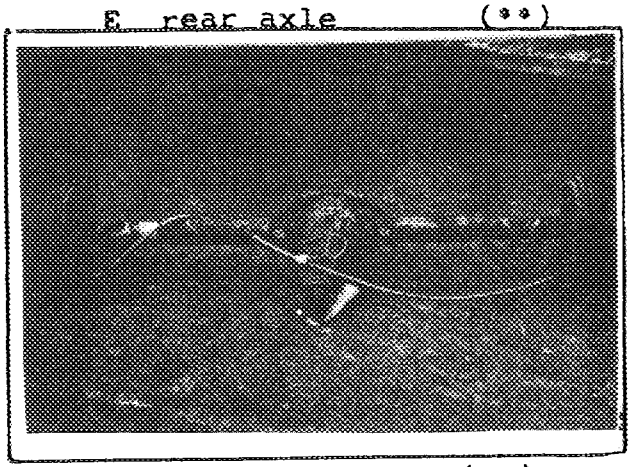
C interior-car (**)



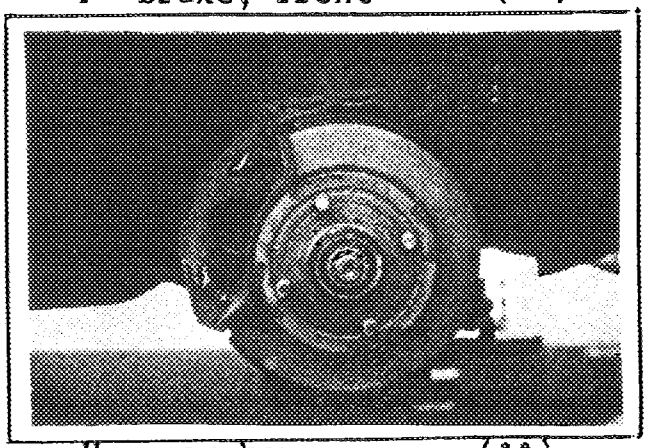
D front axle (**)



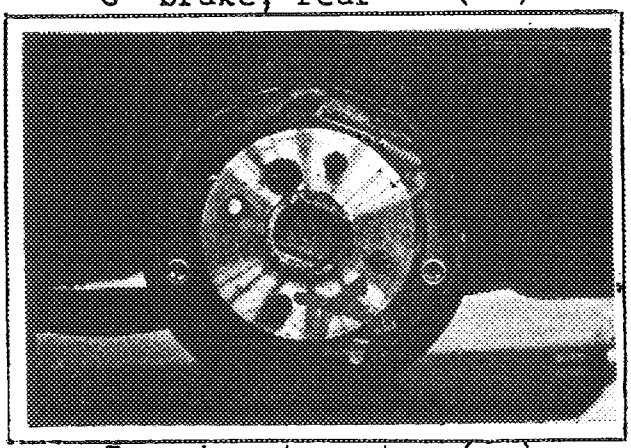
E rear axle (**)



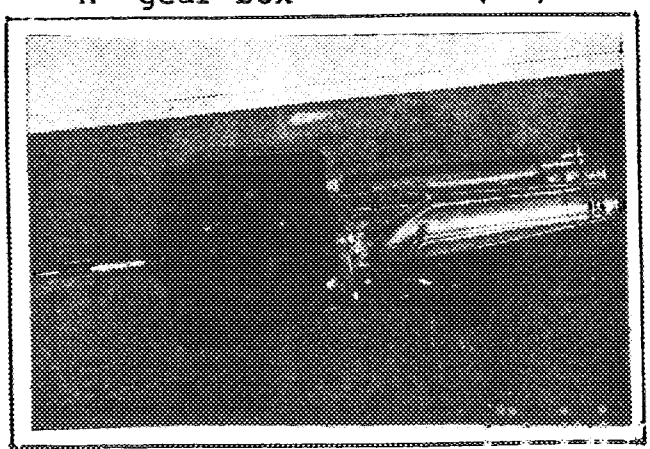
F brake, front (**)



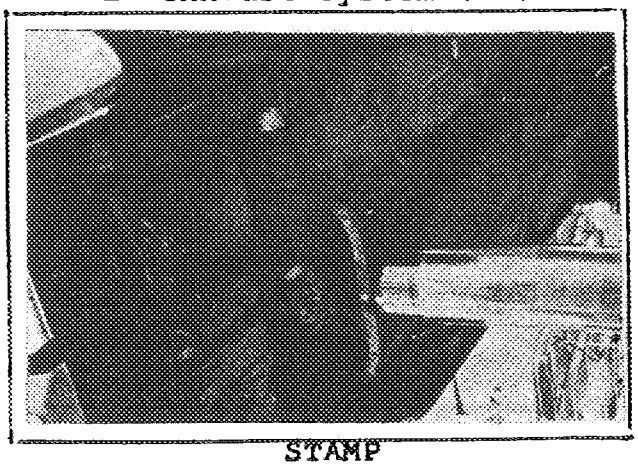
G brake, rear (**)



H gear box (**)



I exhaust system ( )



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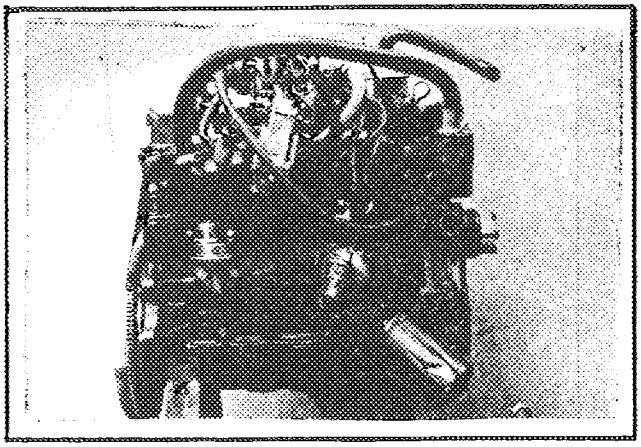
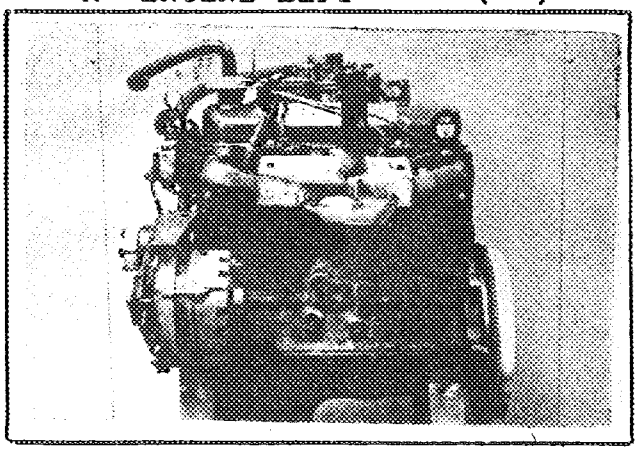
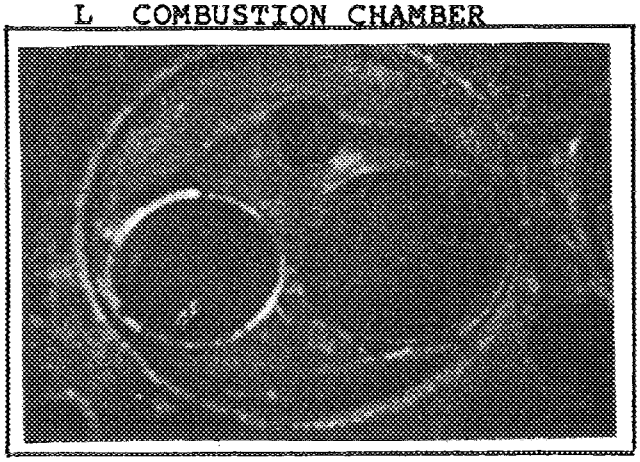
J ENGINE RIGHT (**)



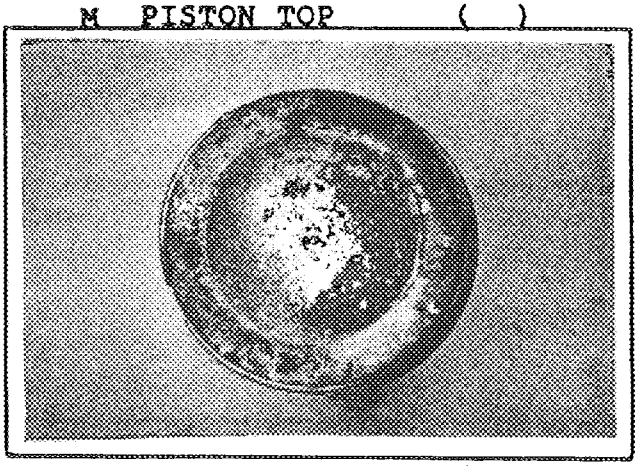
K ENGINE LEFT (**)



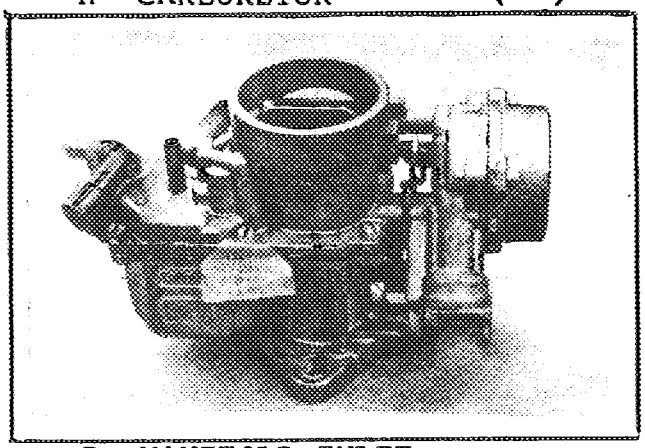
L COMBUSTION CHAMBER



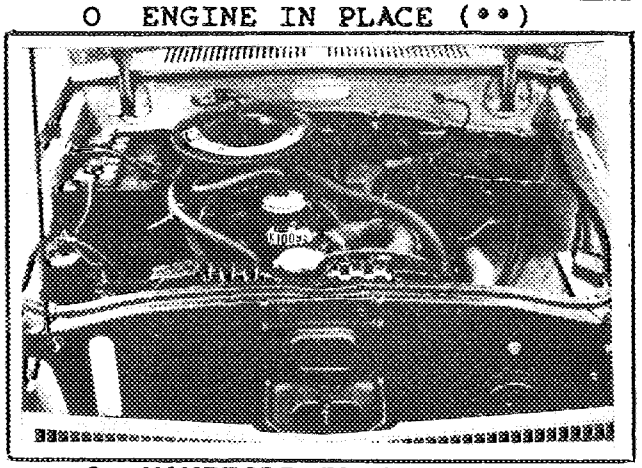
M PISTON TOP ( )



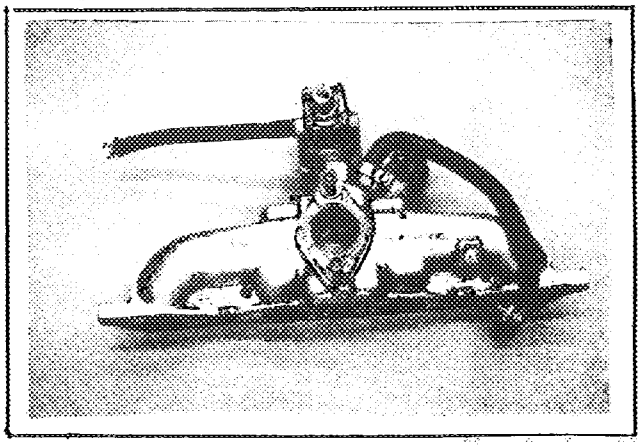
N CARBURETOR ( )



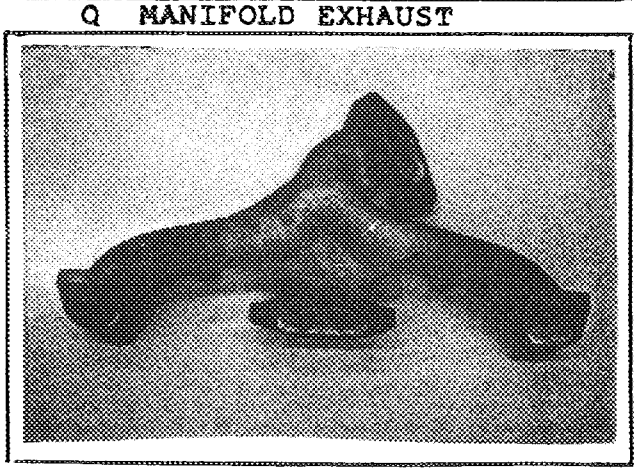
O ENGINE IN PLACE (**)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



Outlet Dia. 1.3 in.

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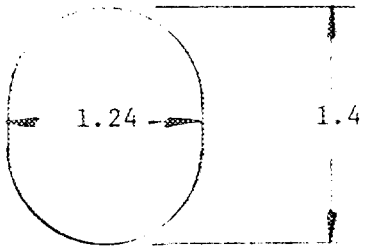
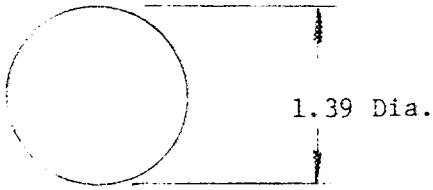
MAKE Pinto MODEL 1600 FIA REC # 5379 1600P GI&II

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. +/- .10 inch or +/- 2.54 mm

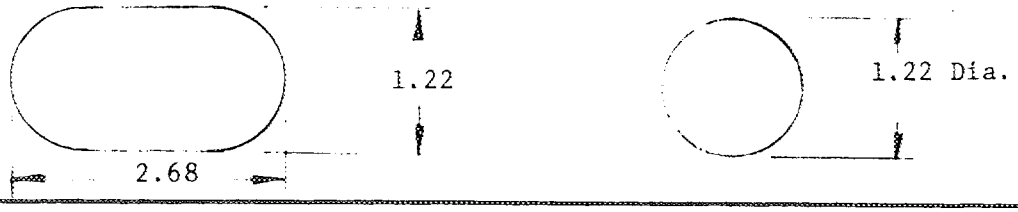
Inlet Manifold Porting Cyl. Head Face



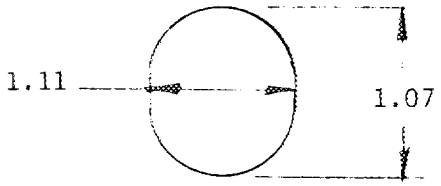
Cylinder Head Porting Inlet Face



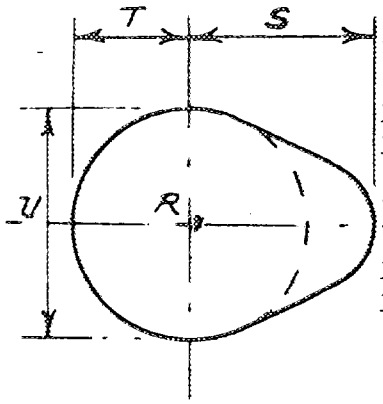
Exhaust Manifold Porting Cyl. Head Face



Cylinder Head Porting Exhaust Face



CAM



+ .0254	**Inlet cam**					+ .001
- .038	S=	19.27	mm	.7708	in	- .0015
± .038	T=	14.2	mm	.56	in	± .0015
± .076	U=	28.4	mm	1.12	in	± .003
+ .0254	**Exhaust cam**					+ .001
- .038	S=	19.495	mm	.7676	in	- .0015
± .038	T=	14	mm	.55	in	± .0015
± .076	U=	28	mm	1.10	in	± .003

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MAKE Pinto MODEL 1600 FIA REC # 5379

IMPORTANT - Underlined items must be filled in, in both metric and English values. See Conversion Table below.

CAPACITIES AND DIMENSIONS

1.	Wheelbase:	2387.6	mm	94.0	inches	
2.	Front track: with 6" wheels	1473.2	mm	58.0	inches (1)	0° Camber 0" Toe-in
3.	Rear track: with 6" wheels	1397	mm	55.0	inches (1)	
4.	Overall length of car	414	cm	163.0	inches	
5.	Overall width of car (at widest point)	178.8	cm	70.4	inches	
5a.	Overall width of car (at vertical plane through front wheels)	175.8	cm	69.2	in	
5b.	Overall width of car (at vertical plane through rear wheels)	178.8	cm	70.4	in	
6.	Overall height of car	124.7	cm	49.1	inches	
7.	Capacity of fuel tank (reserve included)	45.42	Litres	12.0	U.S. Gals.	
8.	Seating Capacity:	Four (4)				

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.

818.7 kg 1928 lbs

(1) Specify ground clearance Front and Rear corresponding to Front and Rear track measurements shown above. Indicate by sketch below reference points on chassis or suspension where these dimensions are checked. These specifications are for the purpose of checking the track with specified wheel rim size with the suspension at reference setting. Differences in track resulting from use of different rim widths must be shown with suspension at reference setting. A sketch showing the rim widths superimposed is desirable.

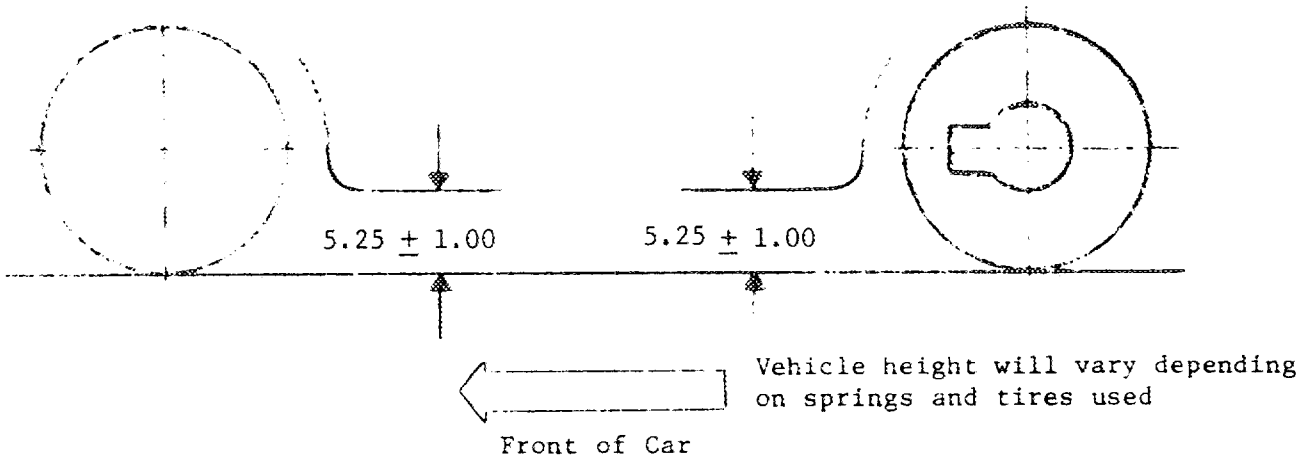

TABLE OF CONVERSIONS

1 inch ---------- 2.54 cm	1 cubic inch -------16.387 cm^3	1 pint --------0.568 ltrs
1 foot ---------- 30.4794 cm	1 pound ----------453.593 gr	1 gallon U.S.-3.785 ltrs
1 square inch ------ 6.452 cm^2	1 quart U.S. -------0.9464 ltrs	

MAKE Pinto MODEL 1600 FIA REC # 5379 GI&II

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

28. Windshield - material/s glass

29. Windows, front door - material/s glass

30. Windows, rear door - material/s glass

31. Windows - actuating system Hand operated window regulator

32. Window, rear quarter - material/s glass/stationary

ACCESSORIES AND UPHOLSTERY

38. Heating, interior - yes no Optional

39. Air conditioning - yes no

40. Ventilation - yes X no

( ) 41. Seats, front - type of seat and upholstery bucket/vinyl

42. Seats, front - weight
(complete with supports & rails out of car) 15.53 kg 34.25 lbs

CHECK: BENCH _____ BUCKET X CONSOLE INCLUDED None

43. Seats, rear - type of seat and upholstery Bench/vinyl

44. Bumper, front - material/s 3.1 kg 6.82 lbs Weight

45. Bumper, rear - material/s 3.6 kg 7.90 lbs Weight

WHEELS

50. Type steel

51. Weight (per wheel, without tire) 6.46kg 14.25 lbs

52. Method of attachment stud and nut (4)

53. Rim, diameter 325 mm 13.0 in

54. Rim, width 150 mm 6.0 in

STEERING

60. Type Rack and pinion

61. Servo assistance None

62. Number of turns of steering wheel from lock to lock 4.15

63. In case of servo assistance None

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SUSPENSION

(**) 70. Suspension, front (photo D) - type Independent

(**) 71. Spring - type Coil

( ) 72. Stabilizer - if fitted Yes

73. Shock absorbers - number Two (2)

74. Type Tubular

(**) 78. Suspension, rear (photo E) - type Rigid axle

(**) 79. Spring - type leaf

( ) 80. Stabilizer - if fitted optional

81. Shock absorbers - number two (2)

82. Type Tubular

BRAKES (Photos E and F)

(**) 90. Method of operation Manual hydraulic

( ) 91. Power assisted (if fitted) - type None

92. Master Cylinders - number and type (indicate if duplex master cylinder) One (1) dual

	Front	Rear
93. Cylinders - number per wheel	One (1)	One (1)
94. Cylinders - wheel bore (indicate stepped bore dimensions if applicable)	53.1 mm 2.125 in	17.96 mm .7187 in

Drum Brakes	Front	Rear
95. Diameter, inside	mm in225	mm 9.00 in
96. Linings, length	mm in375	mm15.0 in
97. Linings, width	mm in 50	mm 2.0 in
98. Shoes - number per brake	Two (2)	
99. Area, total - per brake	mm2 in2750	mm230.0 in2

Disc Brakes

100. Diameter, outside		232.5	mm	9.30	in	mm		in
101. Thickness of disc			mm	.750	in	mm		in
102. Lining - length	Prim.	100	mm	4.00	in	mm		in
	Sec.	100		4.00				
103. Lining - width	Prim.	32.5	mm	1.42	in	mm		in
104. Pads - number per brake	Sec.	32.5		1.42				
	Two (2)							
105. Area, total - per brake		592.5	mm2	23.7	in2	mm2		in2

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MAKE Pinto MODEL 1600 FIA REC # 5379

ENGINE (Photos J and K)

(**) 130. Cycle two four Wankel

(**) 131. Cylinders - number Four (4)

(**) 132. Cylinders - arrangement inline Wankel - # of elements and basic dimensions

(**) 133. Bore 80.97 mm 3.188 in

(**) 134. Stroke 77.62 mm 3.056 in

(**) 135. Cylinders - capacity 400 cm3 24.4 in3

(**) 136. Cylinders, total capacity 1600 cm3 97.6 in3

(**) 137. Cylinder Block - material/s Cast Iron

(**) 138. Sleeves - material/s (if fitted) None fitted

(**) 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 8.4:1 Nominal ± .3

( ) 143. Combustion chamber - volume 59.1 cm3 3.6 in3 with plug & valves in place

( ) 144. Piston - material/s aluminum

( ) 145. Rings - number Three (3)

) 146. Distance from gudgeon pin centre line to highest point of piston crown 41.87/41.97 mm 1.675/1.679 in

(**) 147. Crankshaft - cast-forged-mach from solid

(**) 148. Crankshaft - type - integral - sectioned - # of sections

(**) 149. Crankshaft, main bearings - number Five (5)

(**) 150. Bearing cap - material/s Iron

151. Lubrication - system - dry sump/oil in sump

152. Lubricant - capacity 3.31 ltrs pts 3.50 qts US

( ) 153. Cooler, oil - yes no

154. Cooling - method Water Radiator

155. Cooling - capacity of system 5.67 ltrs pts 6 qts US

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( ) 156. Fan, cooling (if fitted) - diameter 35.89 cm 14 in

( ) 157. Fan, cooling - number of blades 2 material/s steel

BEARINGS

(**) 158. Crankshaft, main - type insert diameter 53.99 mm 2.1257 in

(**) 159. Connecting rod, big end - type insert diameter 52.06 mm 2.0827 in

WEIGHTS

( ) 160. Flywheel (clean) 9.99 kg 22.04 lbs

( ) 161. Flywheel with clutch (all rotating parts) 15.70 kg 34.61 lbs

( ) 162. Crankshaft 11.37 kg 25.07 lbs

163. Connecting Rod .658 kg 1.45 lbs

( ) 164. Piston with rings & pin .57 kg 1.26 lbs

FOUR CYCLE ENGINES

(**) 170. Camshafts - number One (1) material/s steel

(**) 171. Camshaft - location in block

(**) 172. Camshaft Drive, type chain

(**) 173. Valve operation - type tappet pushrod rocker arm

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 37.42 mm 1.497 in

( ) 182. Valve lift - maximum 8.2474 mm .3247 in

183. Springs, valve - number One (1)

184. Spring - type coil

(**) 185. Valves, per cylinder - number One (1)

( ) 186. Tappet - clearance for checking timing (cold) .25 mm .010 in

( ) 187. Valves - open at } Valve timing is based on seat timing with .010 lash and/or clearance 17° BTDC

( ) 188. Valves - close at } 51° ABDC

( ) 189. Air filter - type Paper Element

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EXHAUST (See Photo Q)

195. Manifold, exhaust - material/s Cast iron

196. Valves (overall) - diameter 31.00 mm 1.240 in

197. Valve, lift - maximum 8.5115 mm .3351 in

198. Valve Springs/valve - number One (1)

199. Springs - type coil

(**) 200. Valves - number per cylinder One (1)

( ) 201. Tappet - clearance for checking timing (cold) .42 mm .017 in

( ) 202. Valves - open at — Valve timing is based on seat timing with .017 lash and/or clearance — 51° BBDC

( ) 203. Valves - close at — 17° ATDC

CARBURETION (See Photo N)

210. Carburetors, fitted - number One (1)

211. Type 1-V Down Draft

( ) 212. Make Autolite

( ) 213. Model 711W-BDA

214. Carburetors - number of mixture passages One (1)

( ) 215. Carburetor - flange hole diameter of exit port 34-36 mm 1.36/1.44 in

216. Venturi - throat diameter+ 25-28 mm 1.0/1.12 in

INJECTION

220. Pump - make NONE FITTED

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 Battery and 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 12.8

239. Battery - number one

240. Location R.H. engine compartment

241. Voltage - volts 12 amp hrs 38

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

( ) 250. Horsepower - maximum engine output 75 at 5000 rpm (indicate SAE or DIN)

( ) 251. RPM - maximum 5200 output at that figure 75

( ) 252. Torque - maximum 96 at 3000 rpm

( ) 253. Speed - maximum km/hour -- miles/hour

DRIVE TRAIN

Clutch

260. Type Dry plate

261. Plates - number of driven One (1)

262. Plates - diameter 21.79 cm 8.5 in

263. Linings - diameter - inside 14.74 cm 5.75 in

Linings - diameter - outside 21.79 cm 8.5 in

264. Method of operation Mechanical

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Gear Box (Photo H)

(**) 270. Manual type - make

(**) 271. Ratios, forward - number Four (4)

272. Ratios, forward - number synchronized Four (4)

273. Gear-Shift - location Floor optional

(**) 274. Automatic - make Not available type

(**) 275. Ratios, forward - number

276. Gear-Shift - location

277.	Manual Ratio	Manual # Teeth	Automatic Ratio	Automatic # Teeth	Alternative manual/automatic Ratio	Alternative manual/automatic # Teeth	Ratio	# Teeth
1	3.65	18/34 29/15			3.54	17/32 32/17		
2	1.97	18/34 24/25			2.40	17/32 28/22		
3	1.37	18/34 29/21			1.41	17/32 21/28		
4	1.00	Direct			1.00	Direct		
5								
6								
reverse	3.66				3.96			

278. Overdrive - type Not available

279. Forward gears on which overdrive can be selected

280. Overdrive - ratio

FINAL DRIVE

(**) 290. Type Conventional, semi-floating, overhung pinion

(**) 291. Differential - type Two (2) pinion

(**) 292. Limited Slip Differential (if fitted) - type ≠ Positive locking by clutch, ratchet or roller

293. Ratio 3.55 Alternate 3.18

Teeth - number 11/39 11/35

(≠) Specify friction or tooth type locking differential

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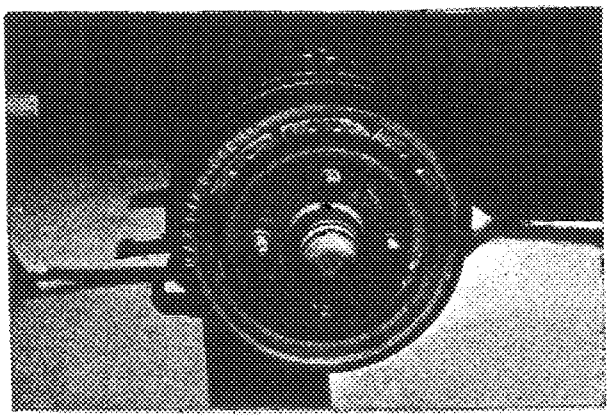
MAKE Pinto MODEL 1600 FIA REC # 5379

IMPORTANT

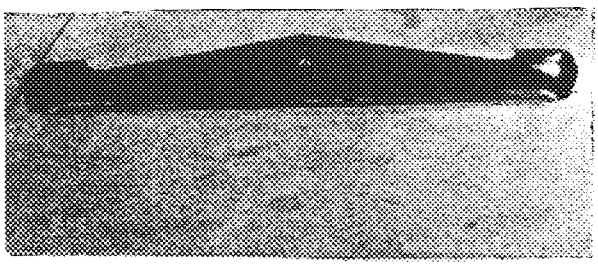
During the technical inspection of cars entered in Group IV (Sports Cars) only the following items of the present recognition form are to be taken into consideration:
1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 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



Optional - Front Drum Brake



Front Valance Panel - 4.12 lbs.

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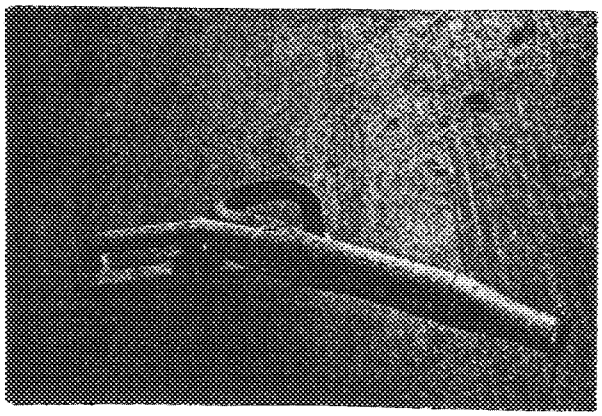
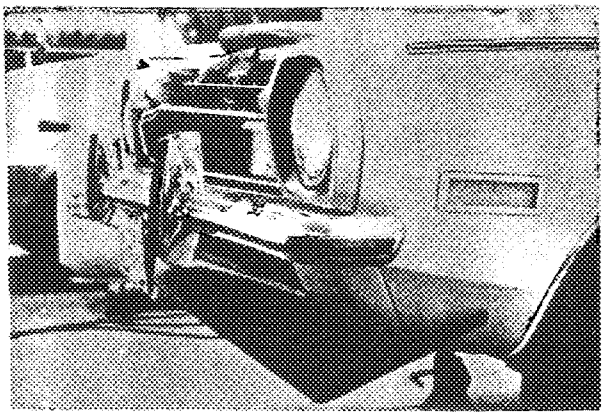
MAKE Pinto MODEL 1600 FIA REC # 5379

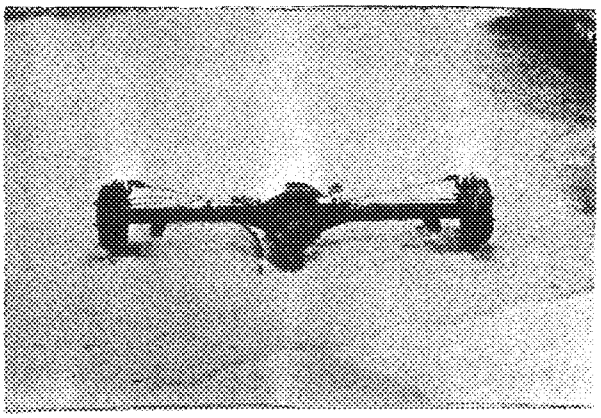
Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN



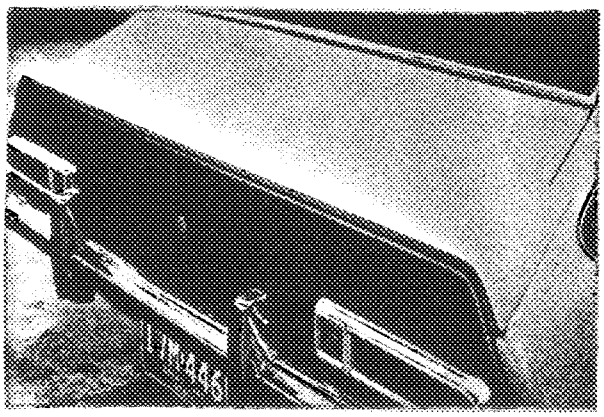
Exhaust Manifold - Outlet Dia. 1.6



Front Spoiler



Rear Axle Assy -
2925E4004-BUS
Ratios 3.77, 3.9, 4.12, 4.44, 4.62
4.714, 4.857, 5.143, 5.667, 5.883,
6.167
Locker - Winkelmann - WE 4205-A



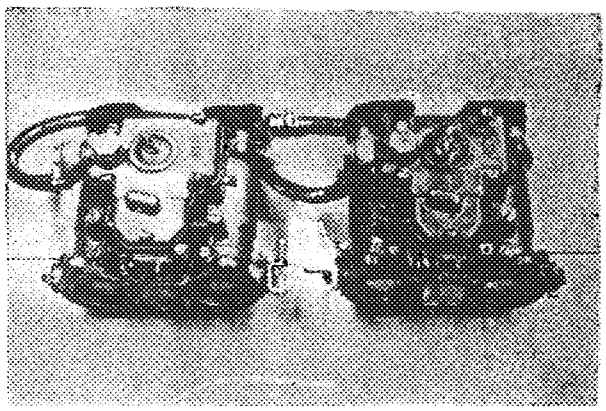
Rear Spoiler

STAMP

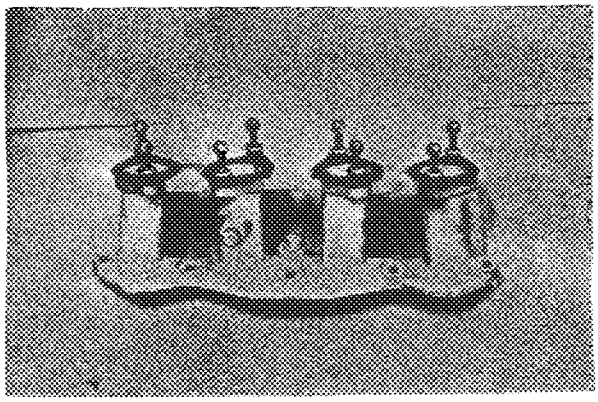
STAMP

MAKE Pinto MODEL 1600 FIA REC # 5379

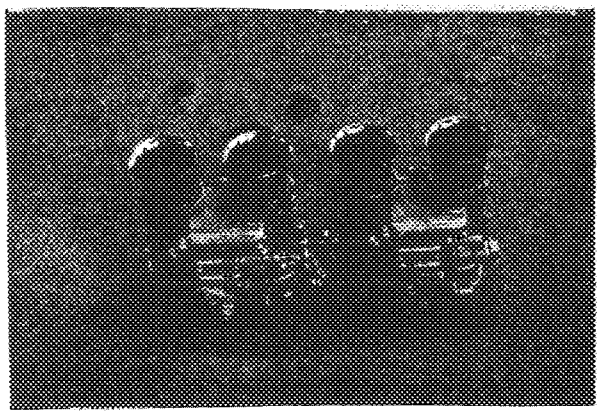
Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN



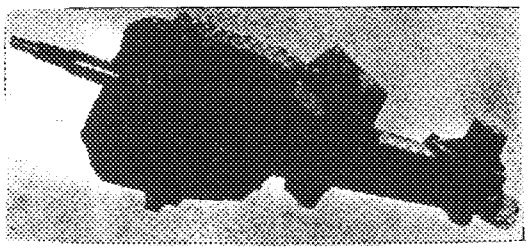
Carburetor - Weber 40DCOE



Intake Manifold - ARCF-9425-B



Carburetor - Dellorto DHLA40



Helical cut close ratio five-speed gearbox for competition use

Transmission - Winkelman
WE 7000-5A

STAMP

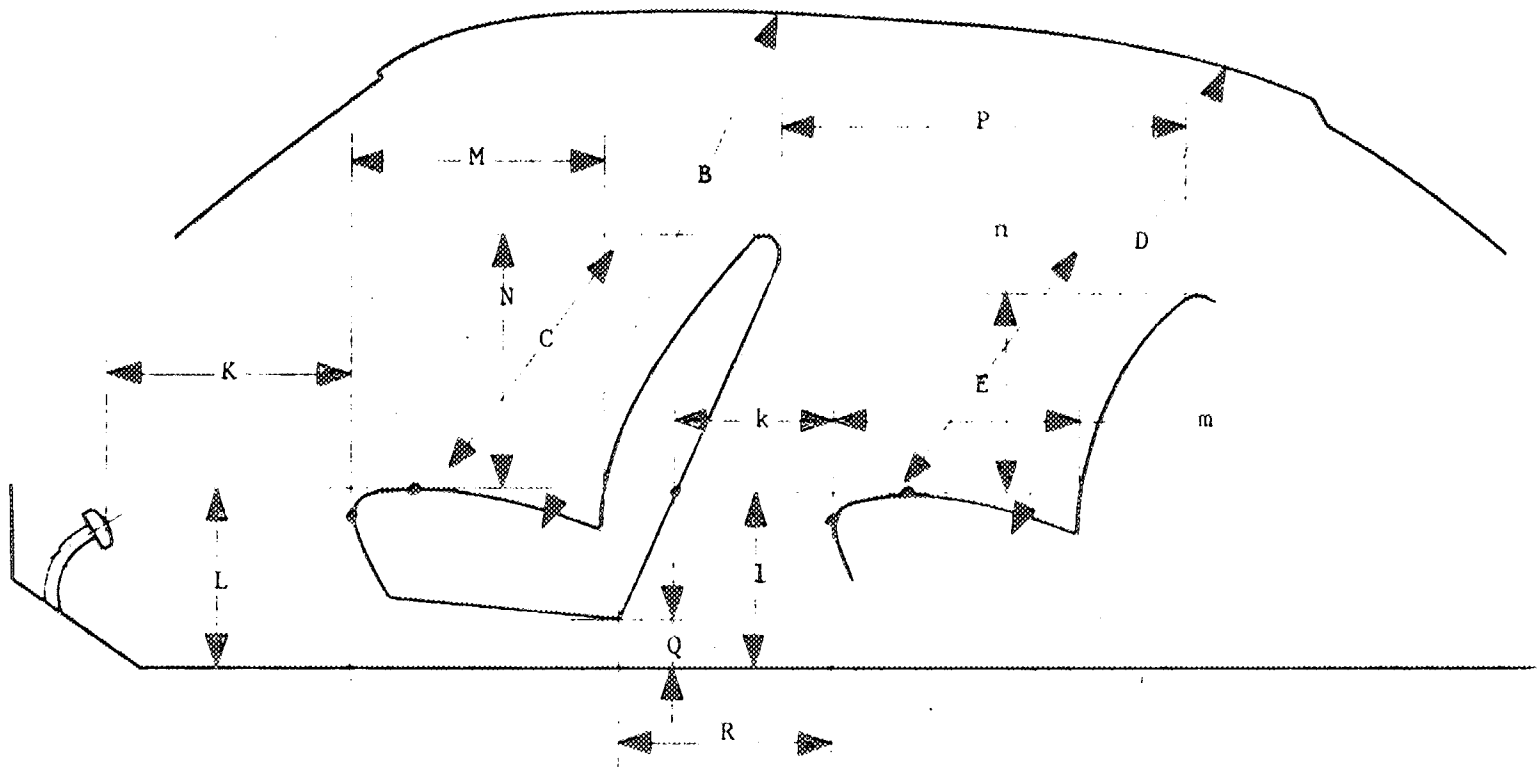
STAMP

Model 1600 Make PINTO

K - 20.0
L - 10.5
M - 17.0
N - 23.0
B - 37.8
C - 53.5

k - 12.75
l - 10.5
m - 14.5
n - 18.75
D - 36.3
E - 51.5

P - 34.0
Q - 7.0
R - 18.0 - 13.0



Note: All dimensions in inches

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

PRODUCTION CERTIFICATE

Date November 23, 1970

MANUFACTURER Ford Motor Company

MODEL DESIGNATION Pinto - 1X10W

TYPE DESIGNATION 1600

PRODUCTION PERIOD: From August 10, 1970

To July, 1971

I hereby certify that the production mentioned hereabove concerns cars which are entirely completed and in conformity with the specifications of the recognition form submitted for the said model and type.

Signed for Manufacturer: [signature]

Title: Manager, Fabrication & Assembly Operations

Production Verification Date

By [signature]

Title Coordinator, Sedan Racing

Monthly Production

Month/Year	Number
8/31/70	8,260
TOTAL	8,260

REMARKS: