



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

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

FIA NO. 5380  
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 2000 cm3 122 in3

Manufacturer Ford Motor Co. Model Pinto

Serial # Chassis 1X10X Manufacturer Ford Motor Co.

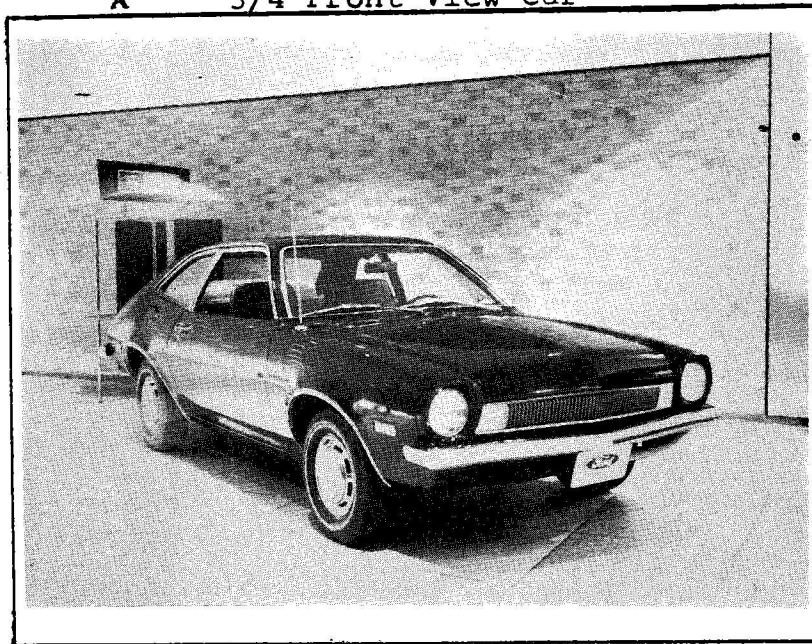
Serial # Engine 1X10X Manufacturer Ford Motor Co.

Recognition valid from JAN 1 1971 List 1971/1

The manufacturing of the model described in this recognition form was started on 8/10/70 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.

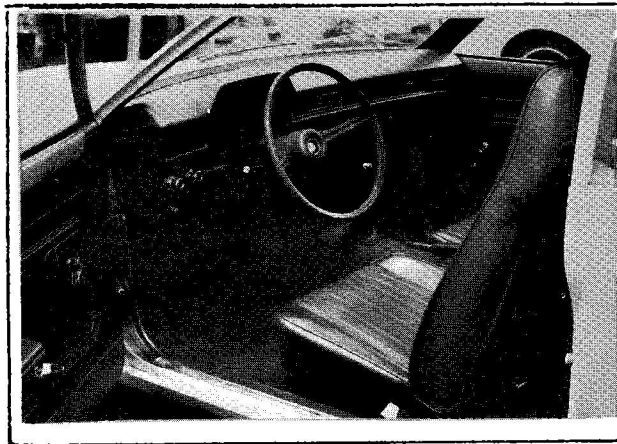


*Corrected pages 5 & 8 Jan 5<sup>th</sup> 71*

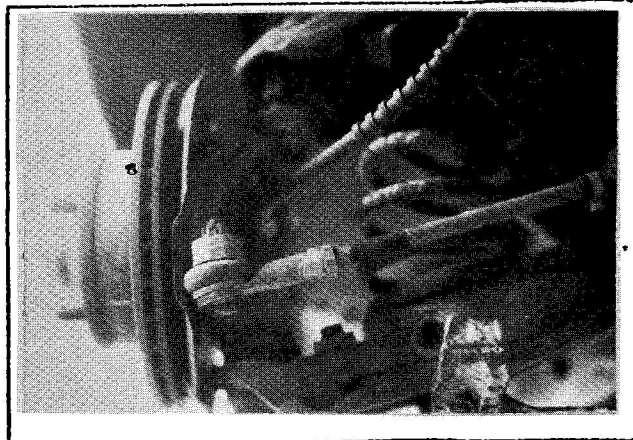
B 3/4 rear car (\*\*)



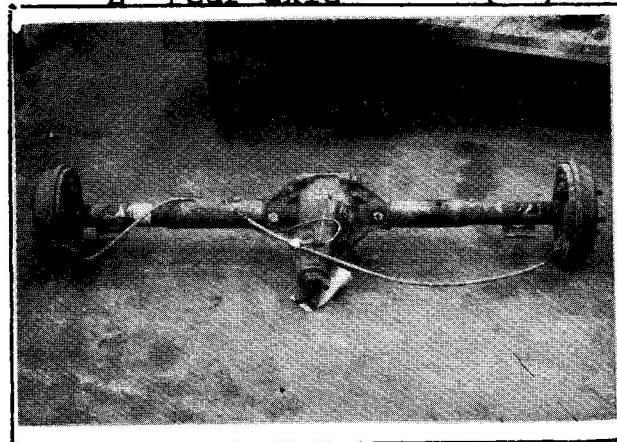
C interior-car (\*\*)



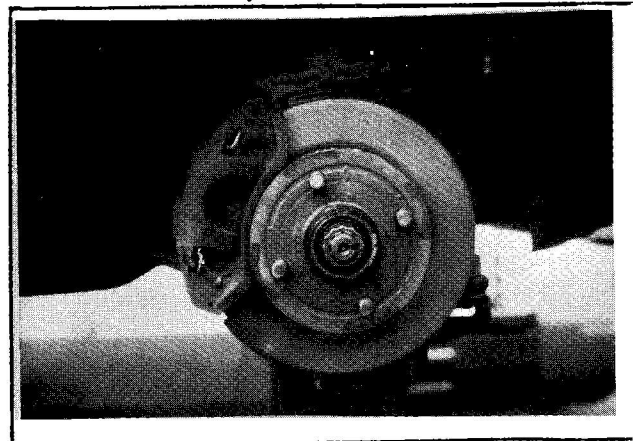
D front axle (\*\*)



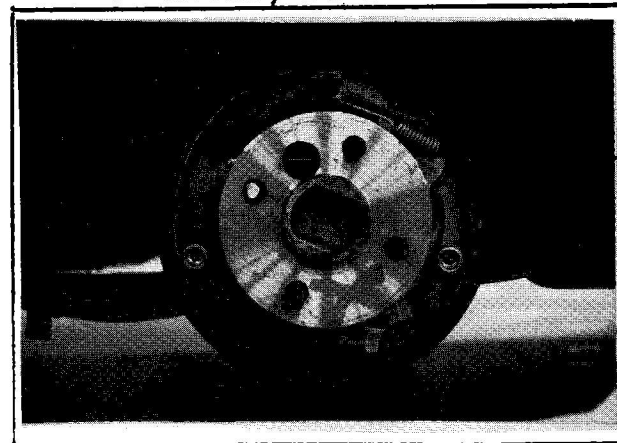
E rear axle (\*\*)



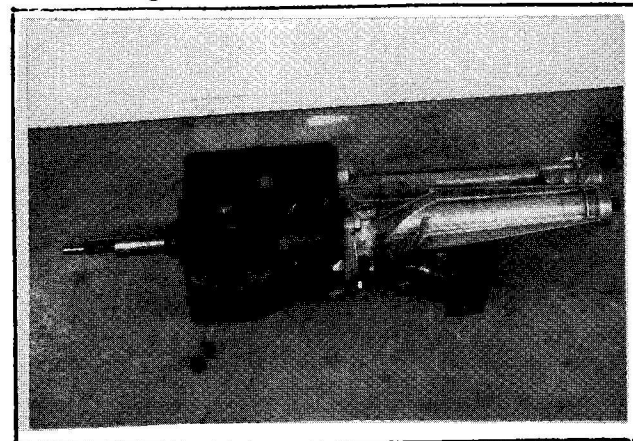
F brake, front (\*\*)



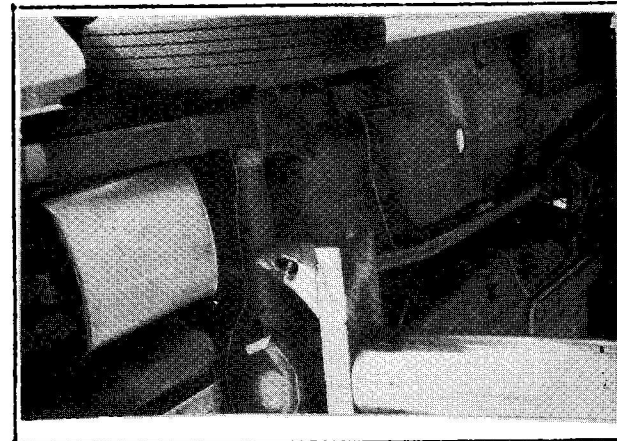
G brake, rear (\*\*)



H gear box (\*\*)



I exhaust system ( )



STAMP

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MAKE

Pinto

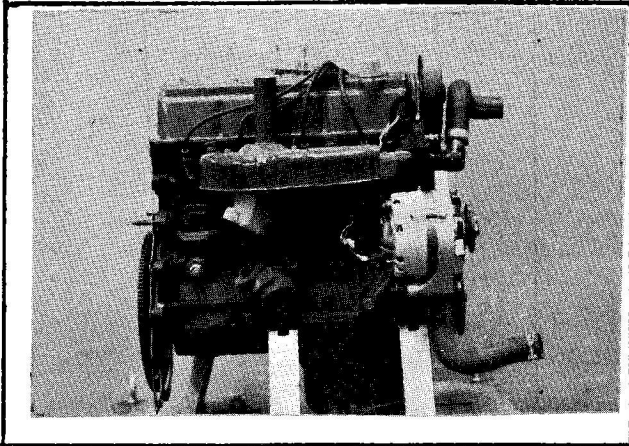
MODEL

2000

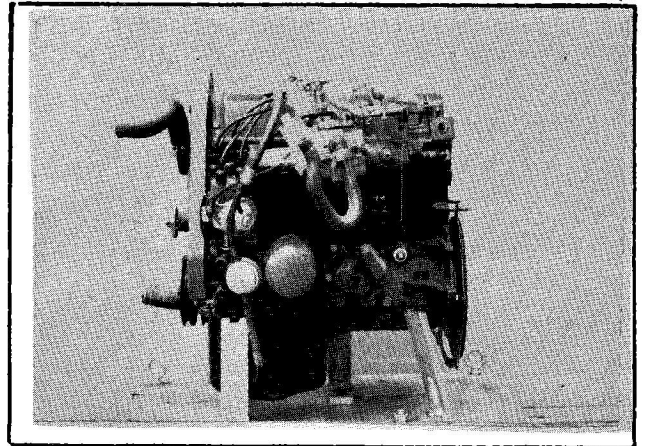
FIA REC # 5380

2000P  
GI&II

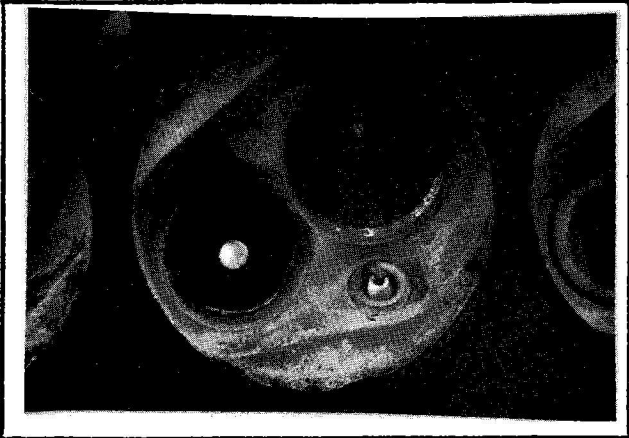
J ENGINE RIGHT (\*\*)



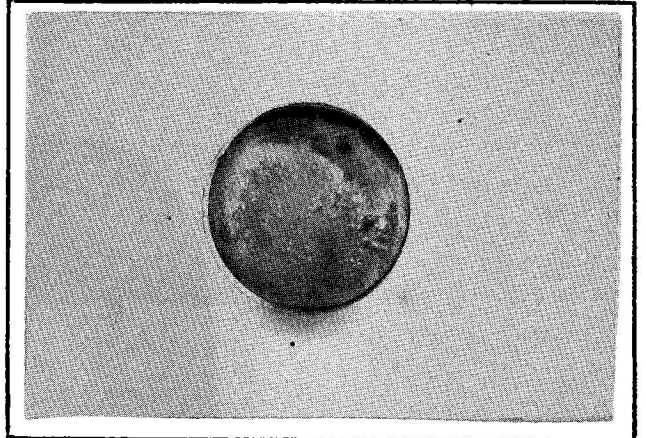
K ENGINE LEFT (\*\*)



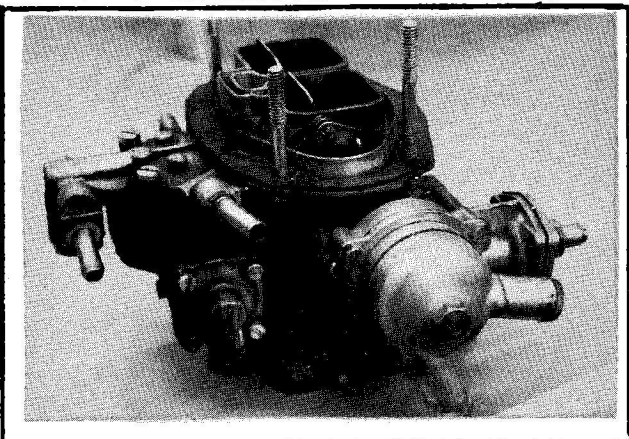
L COMBUSTION CHAMBER



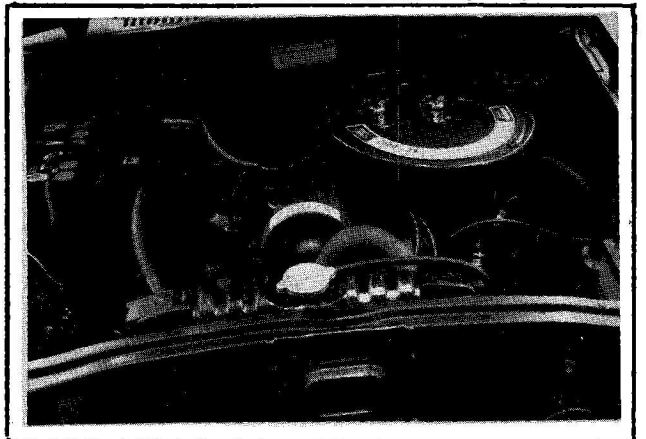
M PISTON TOP ( )



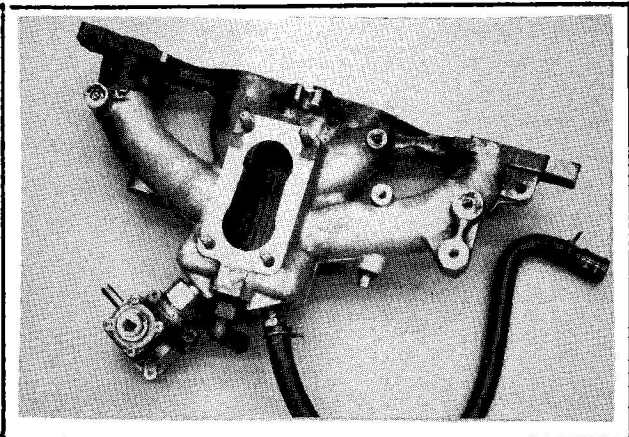
N CARBURETOR ( )



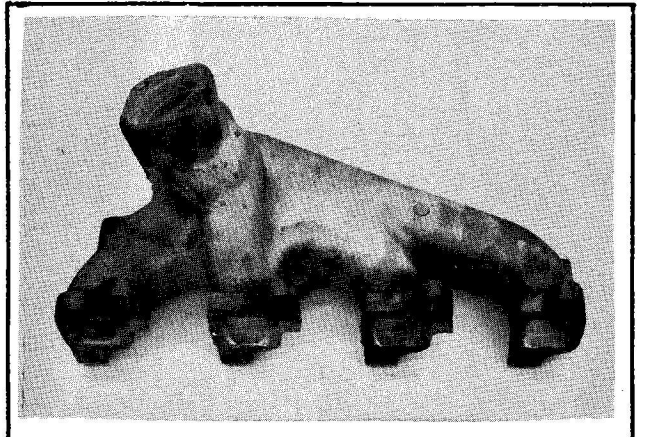
O ENGINE IN PLACE (\*\*)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



Outlet Dia. 1.8 in.

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MAKE Pinto

MODEL 2000

FIA REC # 5380

2000P  
GI&II

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

Inlet

Manifold

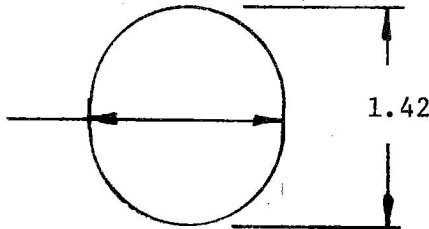
Porting

Cyl.

Head

Face

1.36



1.42

Cylinder

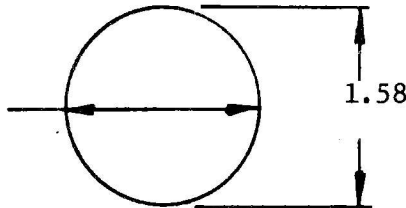
Head

Porting

Inlet

Face

1.52



1.58

Exhaust

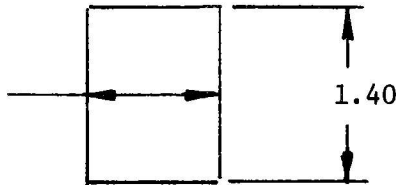
Manifold

Porting

Cyl. Head

Face

1.16



1.40

Cylinder

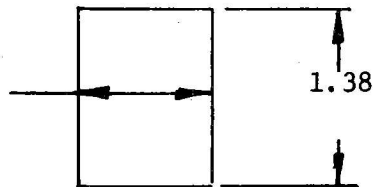
Head

Porting

Exhaust

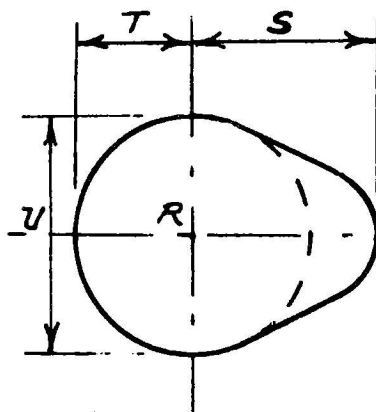
Face

.98



1.38

CAM



Inlet cam

+ .0355	S=	23.5	mm	.94	in	+ .0014
+ .035	T=	17.0	mm	.68	in	+ .0014
+ .070	U=	34.0	mm	1.36	in	+ .0014

Exhaust cam

+ .0355	S=	23.5	mm	.94	in	+ .0014
+ .035	T=	17.0	mm	.68	in	+ .0014
+ .070	U=	34.0	mm	1.36	in	+ .0028

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MAKE Pinto

MODEL 2000

FIA REC #5380

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: 1473.2 mm 58.0 inches (1) 0° Camber  
with 6" wheels 0" Toe-In
3. Rear track: 1397 mm 55.0 inches (1)  
with 6" wheels
4. Overall length of car 414 cm 163.0 inches
5. Overall width of car (at widest point) 27.3 cm 69.4 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 19.7 cm 50.1 inches
7. Capacity of fuel tank (reserve included) 45.4 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.  
929.4 kg 2049 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.

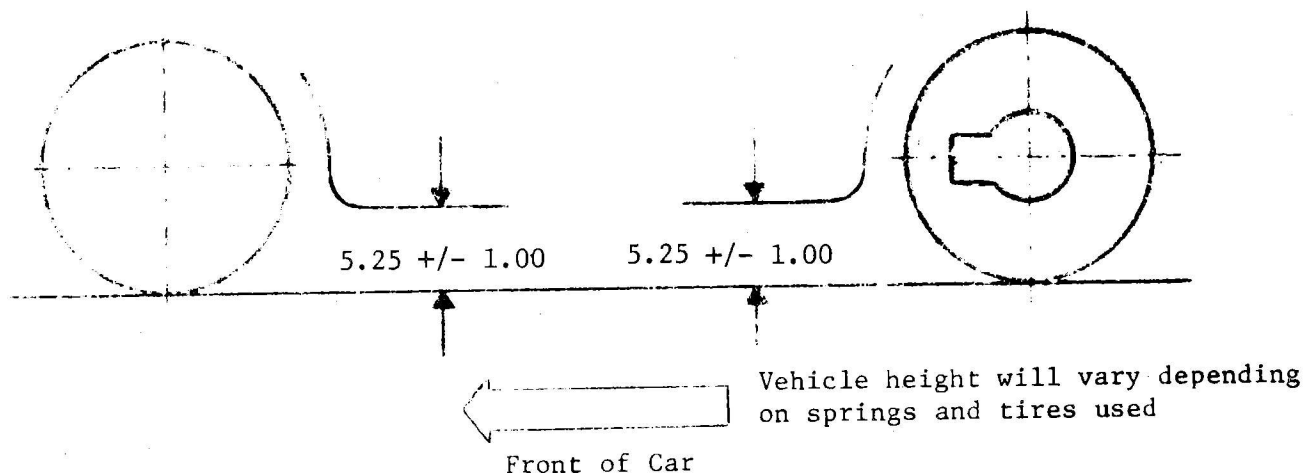


TABLE OF CONVERSIONS

1 inch -----	2.54 cm	1 cubic inch -----	16.387 cm <sup>3</sup>	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 <sup>2</sup>	1 quart U.S. -----	0.9464 ltrs		

MAKE Binto MODEL 2000 FIA REC # 5380

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 optional
- 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 kg 3.1 lbs 6.82 Weight
- 45. Bumper, rear - material/s kg 3.6 lbs 7.90 Weight

WHEELS

- 50. Type steel
- 51. Weight (per wheel, without tire) kg 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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MAKE Pinto MODEL 2000 FIA REC # 5380

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 One (1) dual  
(indicate if duplex master cylinder) Front Rear
- 93. Cylinders - number per wheel One (1) One (1)
- 94. Cylinders - wheel bore 53.1 mm 2.125 in / <sup>17.96</sup> mm .7187 in  
(indicate stepped bore dimensions if applicable)

Drum Brakes

	<u>Front</u>	<u>Rear</u>
95. Diameter, inside	mm	in 225mm 9.00 in
96. Linings, length	mm	in 375mm 15.0 in
97. Linings, width	mm	in 50mm 2.0 in
98. Shoes - number per brake	Two (2)	
99. Area, total - per brake	mm <sup>2</sup>	in <sup>2</sup> 750mm <sup>2</sup> 30.0in <sup>2</sup>

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
	Sec. 32.5		1.42		
104. Pads - number per brake	Two (2)				
105. Area, total - per brake	592.5	mm <sup>2</sup>	23.7in <sup>2</sup>	mm <sup>2</sup>	in <sup>2</sup>

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MAKE Pinto MODEL 2000 FIA REC # 5380ENGINE (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 90.80 ~~89.37~~ mm 3.575 in
- (\*\*) 134. Stroke 76.93 ~~75.72~~ mm 3.029 in
- (\*\*) 135. Cylinders - capacity 498 ~~500~~ cm<sup>3</sup> 30.51 in<sup>3</sup>
- (\*\*) 136. Cylinders, total capacity 1991.7 ~~2000~~ cm<sup>3</sup> 121.6 in<sup>3</sup>
- (\*\*) 137. Cylinder Block - material/s Cast iron
- (\*\*) 138. Sleeves - material/s (if fitted) none
- (\*\*) 139. Head, cylinder - material/s cast iron number fitted one (1)
- (\*\*) 140. Port, inlet - number Four (4)
- (\*\*) 141. Port, exhaust - number Four (4)
- ( ) 142. Compression - ratio 9.0:1 Nominal ± .3
- ( ) 143. Combustion chamber - volume 67.0cm<sup>3</sup> 4.08 in<sup>3</sup>
- ( ) 144. Piston - material/s aluminum
- ( ) 145. Rings - number three (3)
- ( ) 146. Distance from gudgeon pin centre line to highest point of piston crown 40.81 mm 1.63 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 3.785 ltrs pts 4 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 41.02 cm 16 in
- ( ) 157. Fan, cooling - number of blades Two (2) material/s steel

BEARINGS

- (\*\*) 158. Crankshaft, main - type insert diameter 57 mm 2.244 in
- (\*\*) 159. Connecting rod, big end - type / <sup>insert</sup> diameter 54.12 mm 2.165 in

WEIGHTS

- ( ) 160. Flywheel (clean) 7.66 kg 16.9 lbs
- ( ) 161. Flywheel with clutch (all rotating parts) 13.36 kg 29.47 lbs
- ( ) 162. Crankshaft 12.79 kg 28.2 lbs
- 163. Connecting Rod .605 kg 1.45 lbs 1.45
- ( ) 164. Piston with rings & pin .70 kg 1.545 lbs

FOUR CYCLE ENGINES

- (\*\*) 170. Camshafts - number One (1) material/s Alloy iron
- (\*\*) 171. Camshaft - location in head
- (\*\*) 172. Camshaft Drive, type belt
- (\*\*) 173. Valve operation - type cam on finger follower

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 41.33 mm 1.6535 in
- ( ) 182. Valve lift - maximum 9.98 mm .3993 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) .35/.47 mm .014/.019
- ( ) 187. Valves - open at } Valve timing is based on 18° BTDC  
seat timing with .014/.019
- ( ) 188. Valves - close at } lash and/or clearance 70° ABDC
- ( ) 189. Air filter - type Paper element

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MAKE Pinto MODEL 2000 RIA REC # 5380EXHAUST (See Photo Q)

195. Manifold, exhaust - material/s Cast Iron
196. Valves (overall) - diameter 35.42 mm 1.417 in
197. Valve, lift - maximum 9.98 mm .3993 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)  
.35/.47 mm in .014/.019
- ( ) 202. Valves - open at } Valve timing is based on 64° BBDC  
seat timing with .014/.019
- ( ) 203. Valves - close at } lash and/or clearance 24° ATDC

CARBURETION (See Photo N)

210. Carburetors, fitted - number One (1)
211. Type Downdraft 2 Venturi
- ( ) 212. Make Weber/Autolite
- ( ) 213. Model 32/36 DFAV
214. Carburetors - number of mixture passages Two (2)
- ( ) 215. Carburetor - flange hole diameter of exit port  
32/36 mm 1.28/1.44in
216. Venturi - throat diameter+ 26/27 mm 1.04/1.08in

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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MAKE Pinto MODEL 2000 FIA REC # 5380

ENGINE ACCESSORIES

- ( ) 230. Pump, fuel - mechanical and/or electrical
- 231. Number fitted One (1)
- 232. Ignition system - type Battery
- 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 Right Side Engine Compartment
- 241. Voltage - volts 12 amp hrs 38

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

- ( ) 250. Horsepower - maximum engine output 100 at 5600 rpm  
(indicate SAE or DIN)
- ( ) 251. RPM - maximum 5800 output at that figure 99
- ( ) 252. Torque - maximum 120 at 3600 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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MAKE Pinto MODEL 2000 FIA REC # 5380

Gear Box (Photo H)

- (\*\*) 270. Manual type - make Ford
- (\*\*) 271. Ratios, forward - number Four (4)
- 272. Ratios, forward - number synchronized Four (4)
- 273. Gear-Shift - location floor optional
- (\*\*) 274. Automatic - make Ford type Hydraulic with planetary gears and torque converter
- (\*\*) 275. Ratios, forward - number three
- 276. Gear-Shift - location floor

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth
1	3.65	$\frac{18}{34} \frac{29}{15}$	2.46		3.54	$\frac{17}{32} \frac{32}{17}$		
2	1.97	$\frac{18}{34} \frac{24}{25}$	1.46		2.40	$\frac{17}{32} \frac{28}{22}$		
3	1.37	$\frac{18}{34} \frac{29}{21}$	1.00		1.41	$\frac{17}{32} \frac{21}{28}$		
4	1.00	Direct			1.00	Direct		
5								
6								
reverse	3.66		2.20		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  $\neq$  Positive locking by clutch, ratchet or roller
- 293. Ratio 3.55 alternate 3.18  
Teeth - number  $\frac{11}{39} \frac{11}{35}$

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

MAKE Pinto MODEL 2000 FIA REC # 5380

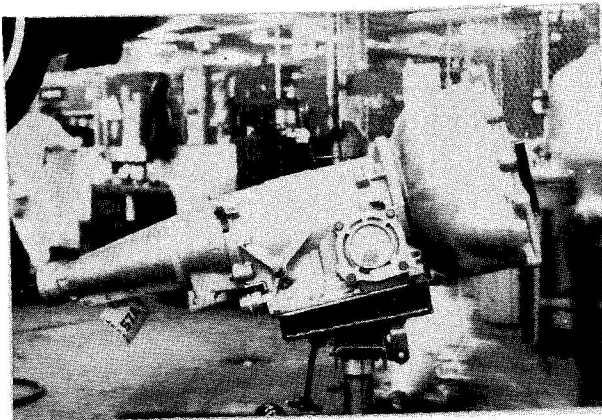
IMPORTANT

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:

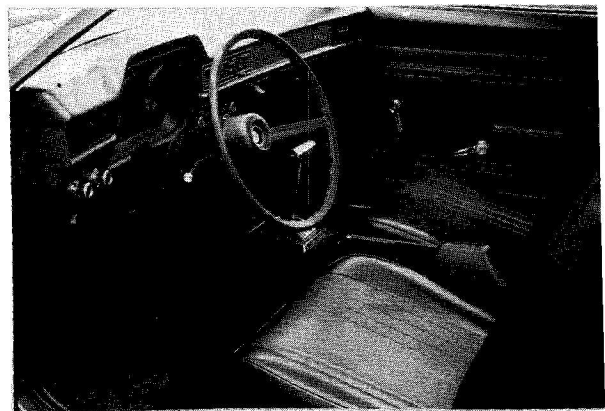
1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 & photos A, B, D, E, F, G, H, J, K, O.

Optional equipment affecting preceding information:

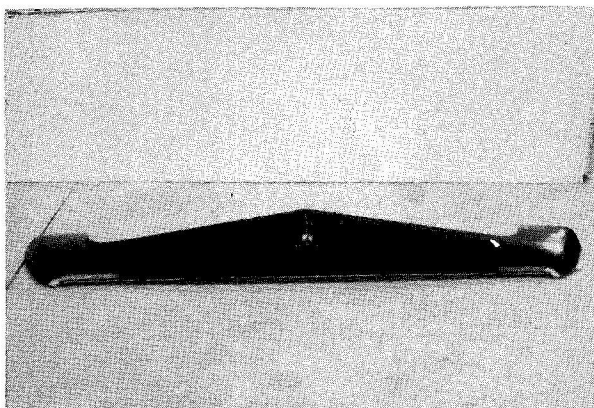
CATALOGUE PART NUMBER MUST BE GIVEN



Automatic Transmission - Photo H



Interior with Automatic  
Transmission

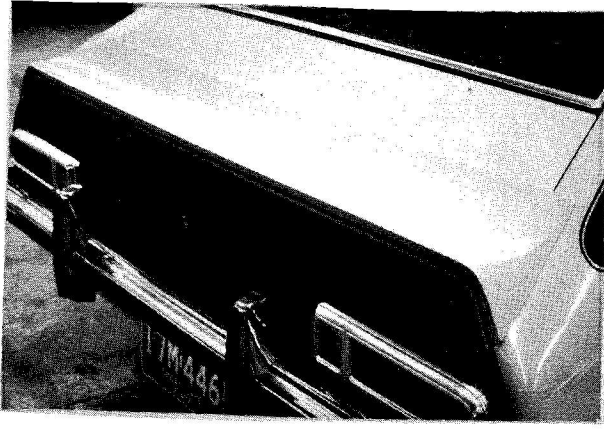


Front Valance Panel - 4.12 lbs.

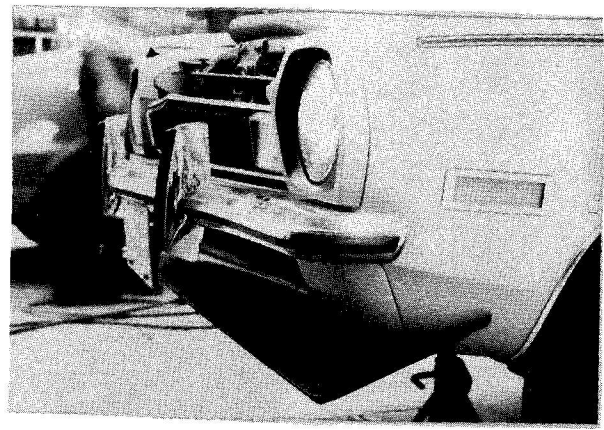
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MAKE Pinto MODEL 2000 FIA REC # 5380

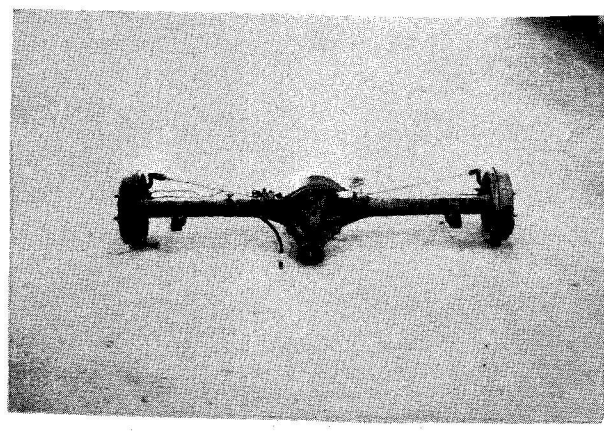
Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN



Rear Spoiler



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,  
5.833, 6.167  
Locker - Winkelmann - WE 4205-A

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Model 1 2000

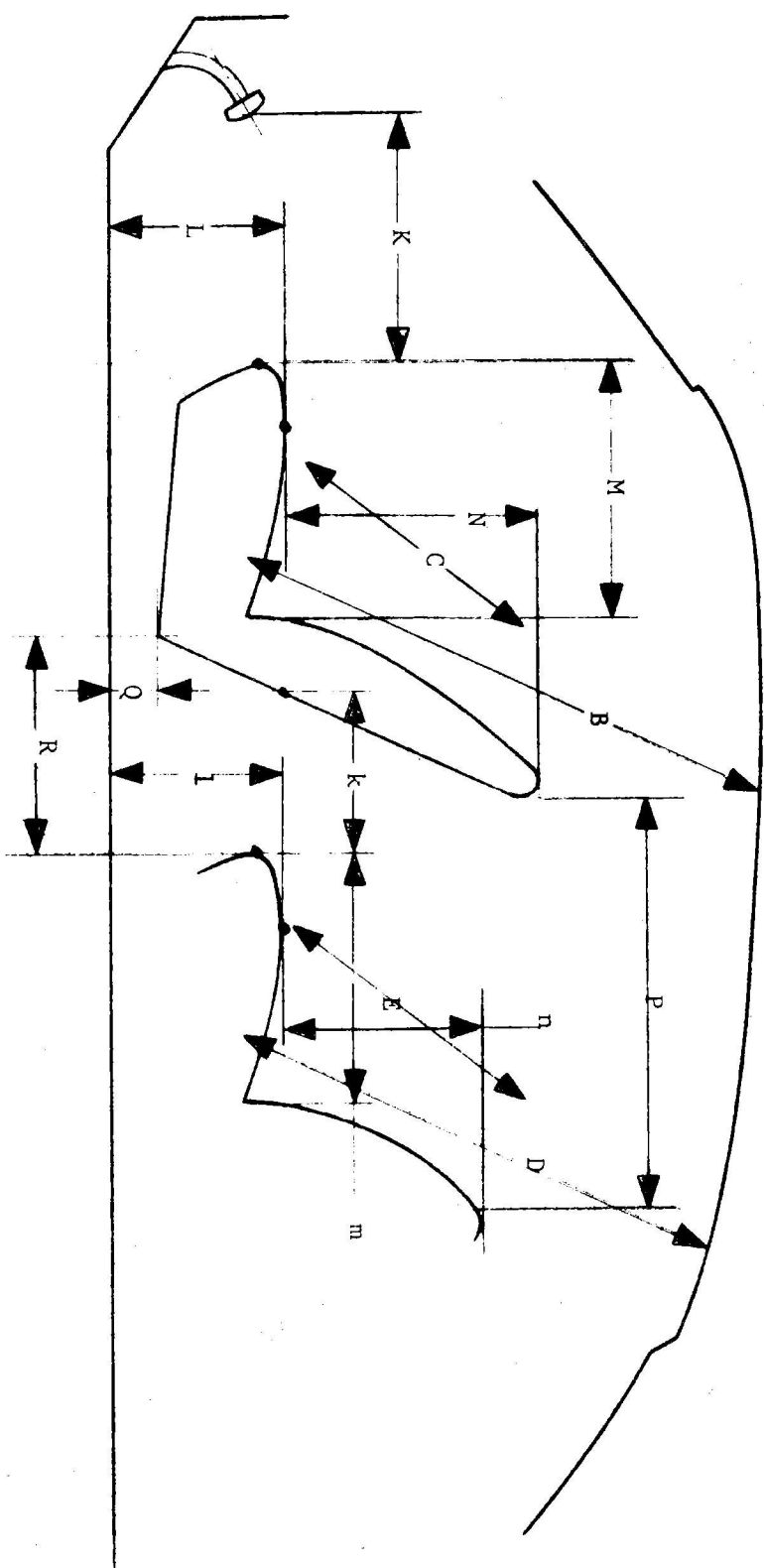
Make PINTO

5380

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