



JAPAN AUTOMOBILE FEDERATION

F. I. A. Recognition No. 1603
Group II

FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition in accordance with
Appendix J to the International Sporting Code.

Manufacturer HONDA MOTOR CO., LTD.

Serial No of chassis H1300C-1000001
engine H1300E-1019661

Recognition is valid from 1/7/70

Cylinder-capacity 1,298 cm3 79.2 cu. in.

Model H1300C

Manufacturer HONDA MOTOR CO., LTD.

Manufacturer HONDA MOTOR CO., LTD.

List 7017

The manufacturing of the model described in this recognition form was started on Feb. 19 70 and the minimum production of identical cars, in accordance with the specifications of this form was reached on Mar. 19 70

Photograph A, 3/4 view of car from front



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

Variants

on	19	rec. No.	List
on	19	rec. No.	List
on	19	rec. No.	List
on	19	rec. No.	List
on	19	rec. No.	List

Stamp and signature of the
National Sporting Authority

Normal evolution of the type

on	19	rec. No.	List
on	19	rec. No.	List
on	19	rec. No.	List
on	19	rec. No.	List
on	19	rec. No.	List

Stamp and signature of the F. I. A.

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Page 1/2

IMPORTANT! - the underlined items must be stated in two measuring systems, one of which must be the metric system. See conversion table hereafter.

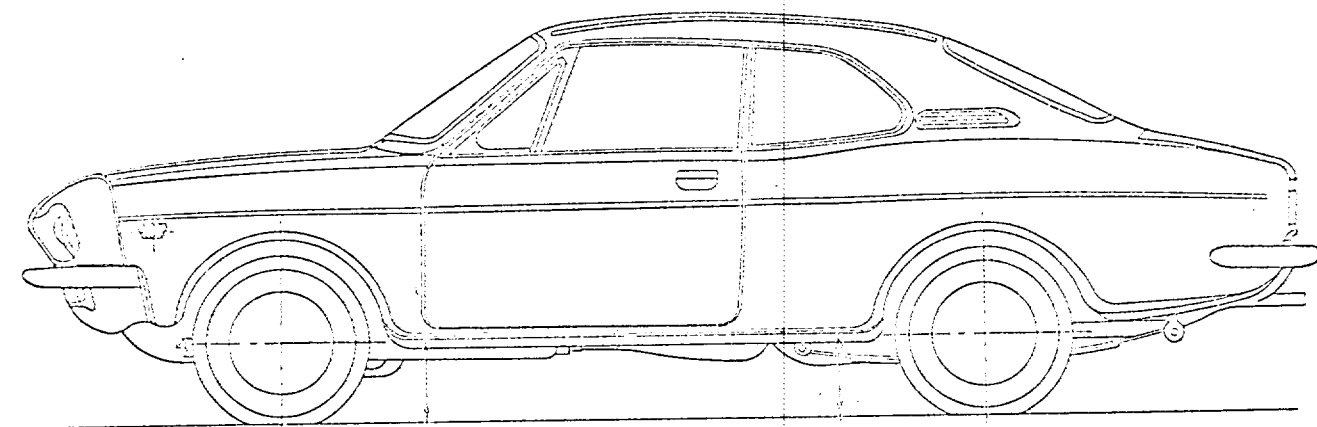
CAPACITIES AND DIMENSIONS

1. <u>Wheelbase</u>	2,250	mm	88.58	inches
2. <u>Front track</u>	1,245	mm	49.02	inches *
3. <u>Rear track</u>	1,195	mm	47.02	inches *
4. Overall length of the car	414.0	cm		inches
5. Overall width of the car	149.5	cm		inches
6. Overall height of the car	132.0	cm		inches
7. <u>Capacity of fuel tank</u> (reserve included)				45 litres
	11.89	Gallon US	9.90	Gallon Imp.
8. Seating capacity				
9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:				
	850	kg	1,874	lbs
				16.73 cwt

* Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concerned.

Specify ground clearance in relation to the track and give drawing of two fixed points of the vehicle's structure at which measurements are taken.

These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.



240

245

unit : mm

CONVERSION TABLE

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

Make HONDA MOTOR CO., LTD.

Model H1300C

F.I.A. Rec. No.

CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction : ~~XXXXX~~ / unitary construction
- 21. Unitary construction, material (s) Steel
~~XXXXXXXXXXXXX~~
- 22. Separate Constructions: Material(s) of chassis
- 23. Material (s) of coachwork
- 24. Number of doors 2 Material (s) Steel
- 25. Material (s) of bonnet Steel
- 26. Material (s) of boot lid Steel
- 27. Material (s) of rear-window Glass
- 28. Material (s) of windscreen Glass
- 29. Material (s) of front-door windows Glass
- 30. Material (s) of rear-door windows
- 31. Sliding system of door windows Manual
- 32. Material (s) of rear-quarter light Glass

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : ~~XXX~~ - no
- 39. Air-conditioning : ~~XXX~~ - no
- 40. Ventilation : yes - ~~XXX~~
- 41. Front seats, type of seats and upholstery Separate, vinyl
- 42. Weight of front seat (s), complete with supports and rails, out of the car :
14.0 x 2 = 28.0 kg lbs
- 43. Rear seats, type of seats and upholstery Bench, vinyl
- 44. Front bumper, material (s) Steel Weight 3.2 kg lbs
- 45. Rear bumper, material (s) Steel Weight 3.5 kg lbs

WHEELS

- 50. Type Pressed steel
- 51. Weight (per wheel, without tyre) 6.0 kg lbs
- 52. Method of attachment 4 Nuts
- 53. Rim diameter 329.4 mm 13 inches
- 54. Rim width 102 mm 4.0 inches

STEERING

- 60. Type Rack & pinion
- 61. Servo-assistance : ~~XXX~~ - no
- 62. Number of turns of steering wheel from lock to lock 3.8
- 63. In case of servo-assistance

Make HONDA MOTOR CO., LTD. Model H1300C

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SUSPENSION

- 70. Front suspension (photogr. D), type Independent(Mc-Pherson)
- 71. Type of spring Coil
- 72. Stabiliser (if fitted)
- 73. Number of shockabsorbers 2 74. Type Hydraulic telescopic
- 78. Rear suspension (photogr. E), type Independent (Swing axle)
- 79. Type of spring Leaf
- 80. Stabiliser (if fitted)
- 81. Number of shockabsorbers 2 82. Type Hydraulic telescopic

BRAKES (photographs F and G)

- 90. System Hydraulic
- 91. Servo-assistance (if fitted), type
- 92. Number of hydraulic master cylinders 1

		FRONT		REAR	
		3		1	
93. Number of cylinders per wheel					
94. Bore of wheel cylinder (s)	48.1 x 1, 33.96 x 2	mm	in. 20.64	mm	in.
Drum brakes					
95. Inside diameter		mm	in. 203	mm	in.
96. Length of brake linings		mm	in. 190	mm	in.
97. Width of brake linings		mm	in. 38	mm	in.
98. Number of shoes per brake			2		
99. Total area per brake		mm ²	sq. in. 14,440	mm ²	sq. in.
Disc brakes					
100. Outside diameter	190	mm	in.	mm	in.
101. Thickness of disc	9.6	mm	in.	mm	in.
102. Length of brake linings	88.9	mm	in.	mm	in.
103. Width of brake linings	42.0	mm	in.	mm	in.
104. Number of pads per brake	2				
105. Total area per brake	7,392	mm ²	sq. in.	mm ²	sq. in.

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ENGINE (photographs J and K)

130. Cycle	4	131. Number of cylinders	4
132. Cylinder arrangement	In line transverse		
133. Bore	74 mm	134. Stroke	75.5 mm
	2.94 in.		2.97 in.
135. Capacity per cylinder	324.5		19.79
			cu. in.
136. Total cylinder capacity	1,298		79.12
			cu. in.
137. Material (s) of cylinder block	Aluminium alloy		
138. Material (s) of sleeves (if fitted)	Cast iron		
139. Cylinder-head, material (s)	Aluminium alloy		Number fitted 1
140. Number of inlet ports	4	141. Number of exhaust ports	4
142. Compression ratio	9.0		
143. Volume of one combustion chamber		40.6	cm ³
			cu. in.
144. Piston, material	Aluminium alloy		
145. Number of rings			3
146. Distance from gudgeon pin centre line to highest point of piston crown			
	30.2		mm
			inches
147. Crankshaft : XXXXXX / stamped		148. Type of crankshaft :	Integral / XXXXXX
149. Number of crankshaft main bearings	5		
150. Material of bearing cap	Aluminium		
151. System of lubrication : dry sump / XXXXXXXX			
152. Capacity, lubricant	4	litrs	pts
			quarts US
153. Oil cooler : yes / no		154. Method of engine cooling	Air
155. Capacity of cooling system		litrs	pints
			quarts US
156. Cooling fan (if fitted), dia.	22	cm	inches
157. Number of blades of cooling fan	24		

Bearings

158. Crankshaft main, type	Plain bearing	Dia.	43	mm	in.
159. Connecting rod big end,	Plain bearing	Dia.	42	mm	in.

Weights

160. Flywheel (clean)	2.8	kg	lbs
161. Flywheel with clutch (all turning parts)			8.2 kg lbs
162. Crankshaft	14.3	kg	lbs
163. Connecting rod	0.495	kg	lbs
164. Piston with rings and pin	0.38	kg	lbs

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 1-2-1964
 100-100-111-111

Make HONDA MOTOR CO., LTD.

Model H1300C

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FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location Cylinder head
172. Type of camshaft drive Chain
173. Type of valve operation Rocker arm

INLET (see page 8) *

180. Material(s) of inlet manifold A aluminium alloy
181. Diameter of valves 37 mm 1.45 inches
182. Max. valve lift 9.1 mm 0.35 in. 183. Number of valve springs 2
184. Type of spring Coil 185. Number of valves per cylinder 1
186. Tappet clearance for checking timing (cold) 0.15 mm inches
187. Valves open at (with tolerance for tappet clearance indicated) A. T. D. C. $10^{\circ} \pm 7^{\circ}$
188. Valves close at (with tolerance for tappet clearance indicated) A. B. D. C. $20^{\circ} \pm 7^{\circ}$
189. Air filter, type Dry

EXHAUST (see page 8)

195. Material(s) of exhaust manifold Cast iron
196. Diameter of valves 33 mm 1.30 inches
197. Max. valve lift 9.1 mm 0.35 in. 198. Number of valve springs 2
199. Type of spring Coil 200. Number of valves per cylinder 1
201. Tappet clearance for checking timing (cold) 0.15 mm inches
202. Valves open at (with tolerance for tappet clearance indicated) B. B. D. C. $40^{\circ} \pm 7^{\circ}$
203. Valves close at (with tolerance for tappet clearance indicated) B. T. D. C. $10^{\circ} \pm 7^{\circ}$

CARBURETION (photograph N)

210. Number of carburetors fitted 1 211. Type Side draft
212. Make Keihin seiki 213. Model 1000-365
214. Number of mixture passages per carburetor 1
215. Flange hole diameter of exit port(s) of carburetor 40 mm in.
216. Minimum dimensions of mixture passage(s) ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
36 mm inches

INJECTION (if fitted)

220. Make of pump 221. Number of plungers
222. Model or type of pump 223. Total number of injectors
224. Location of injectors
225. Minimum diameter of inlet pipe mm inches

*) for additional information concerning two-stroke engines and super-charged engines see page 13.

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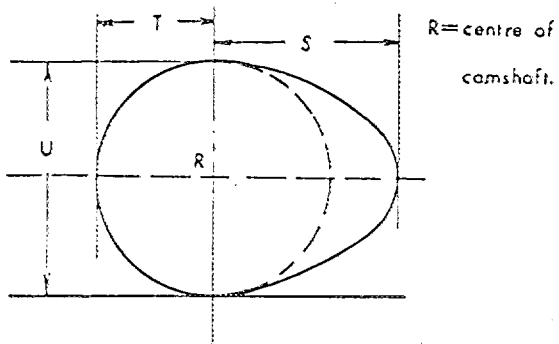
ENGINE ACCESSORIES

- 230. Fuel pump : ~~XXXXXXXXXXXX~~ electric
- 231. No. fitted 1
- 232. Type of ignition system : Make & Break
- 233. No. of distributors 1
- 234. No. of ignition coils 1
- 235. No. of spark plugs per cylinder 1
- 236. Generator, type: ~~XXXX~~/alternator-number fitted 1
- 237. Method of drive V-Belt
- 238. Voltage of generator 12 volts
- 239. Battery, number 1
- 240. Location Engine room
- 241. Voltage of battery 12 volts

ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- 250. Max. engine output 95 PS (type of horsepower: JIS) at 7,000 rpm
- 251. Maximum rpm 7,500 output at that figure 90 PS
- 252. Maximum torque 10.5 kgm at 4000 rpm
- 253. Maximum speed of the car 175 km/hour miles / hour

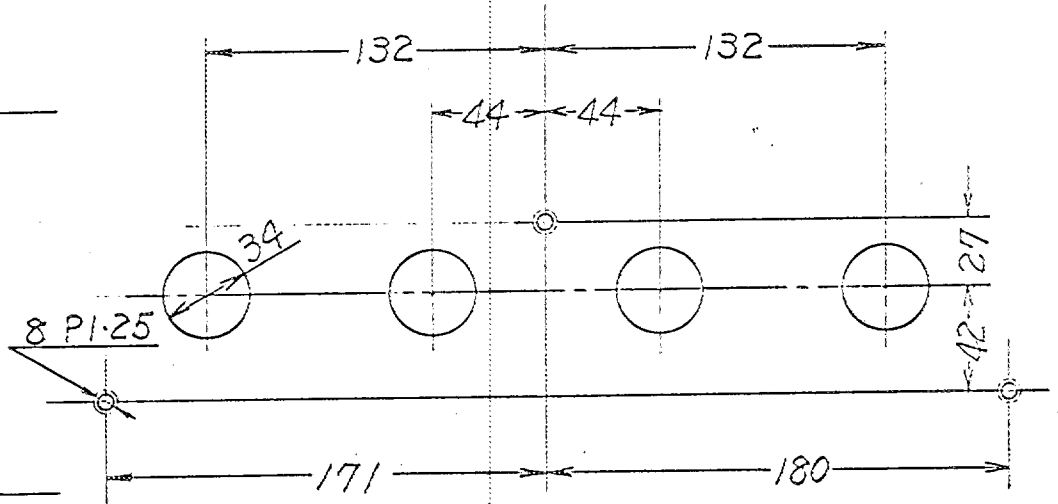
255.



Inlet cam			
S =	22.46	mm	0.88 inches
T =	16	mm	0.63 inches
U =	32	mm	1.26 inches
Exhaust cam			
S =	22.46	mm	0.88 inches
T =	16	mm	0.63 inches
U =	32	mm	1.26 inches

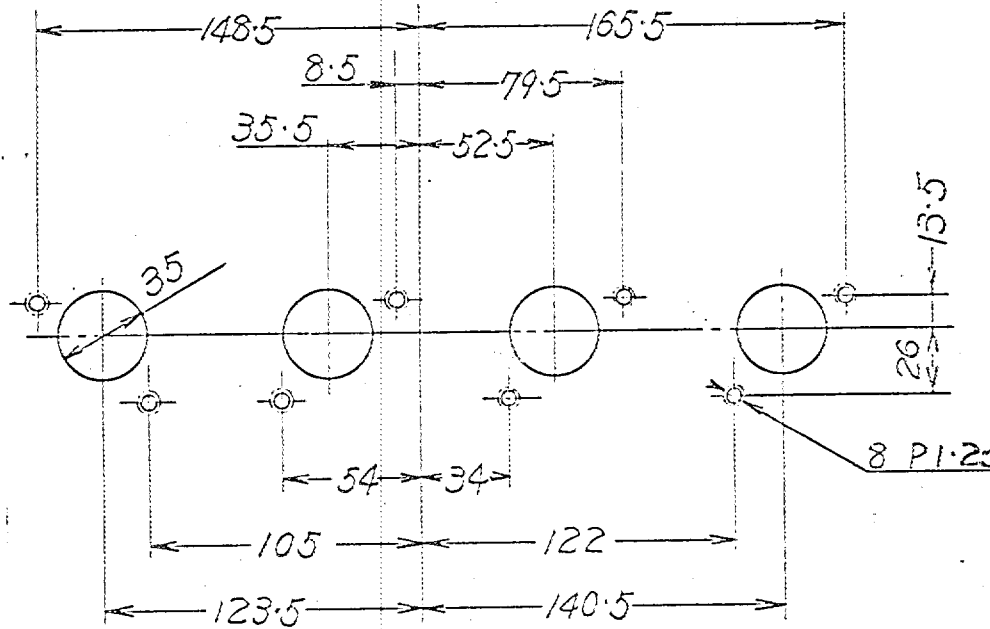


Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



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 cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

unit : mm
Tolerance : ± 1.5

Make HONDA MOTOR CO., LTD.

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DRIVE TRAIN

CLUTCH

260. Type of clutch Dry
261. No. of plates 1
262. Dia. of clutch plates 18.4 cm inches
263. Dia. of linings, inside 12.7 cm in. outside 18.4 cm in.
264. Method of operating clutch Wire

GEAR BOX (photograph H)

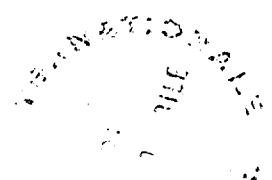
270. Manual type, make HONDA MOTOR CO., LTD Method of operation Mechanical
271. No. of gear-box ratios forward 4
272. Synchronized forward ratios 1, 2, 3 & 4
273. Location of gear-shift Floor
4. Automatic, make type
275. No. of forward ratios
276. Location of gear-shift

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth
1	4.27	$\frac{31}{25} \times \frac{32}{26} \times \frac{42}{15}$						
2	2.49	$\frac{31}{25} \times \frac{32}{26} \times \frac{36}{22}$						
3	1.69	$\frac{31}{25} \times \frac{32}{26} \times \frac{30}{27}$						
4	1.24	$\frac{31}{25}$						
5								
6								
reverse	4.57	$\frac{31}{25} \times \frac{32}{26} \times \frac{42}{14}$						

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

FINAL DRIVE

290. Type of final drive Helical gear
291. Type of differential B evel gear
292. Type of limited slip differential (if fitted)
293. Final drive ratio 3.50
- Number of teeth 70/20



Make HONDA MOTOR CO., LTD.

Model H1300C

F.I.A. Rec. No.

IMPORTANT- The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars) : 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 184, 186, 187, 188, 189, 199, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253, and photographs I, M, N, and page 8

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration : 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B, D, E, F, G, H, J, K, and O.

Optional equipment affecting preceding information. This is to be stated together with reference number.

I) FRONT, WING EXTENSIONS OR REAR WING EXTENSIONS

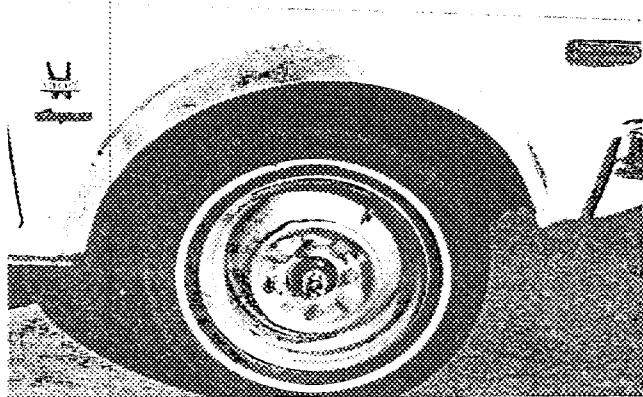
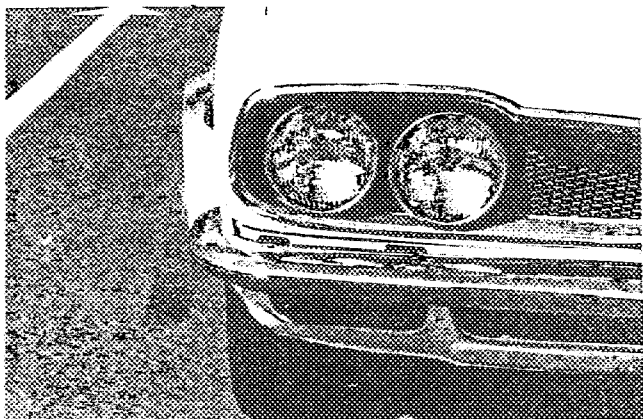
5. Over All Width of the Car 159.5 cm

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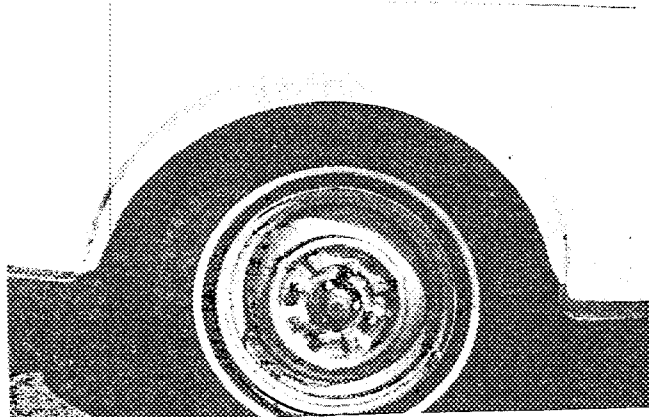
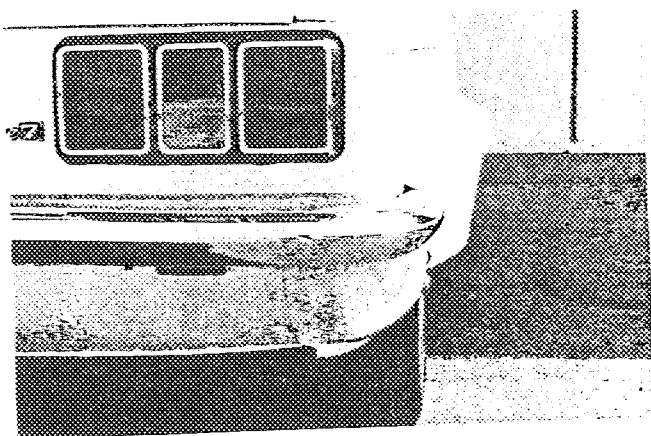
Model H1300C

FIA
Rec. No.

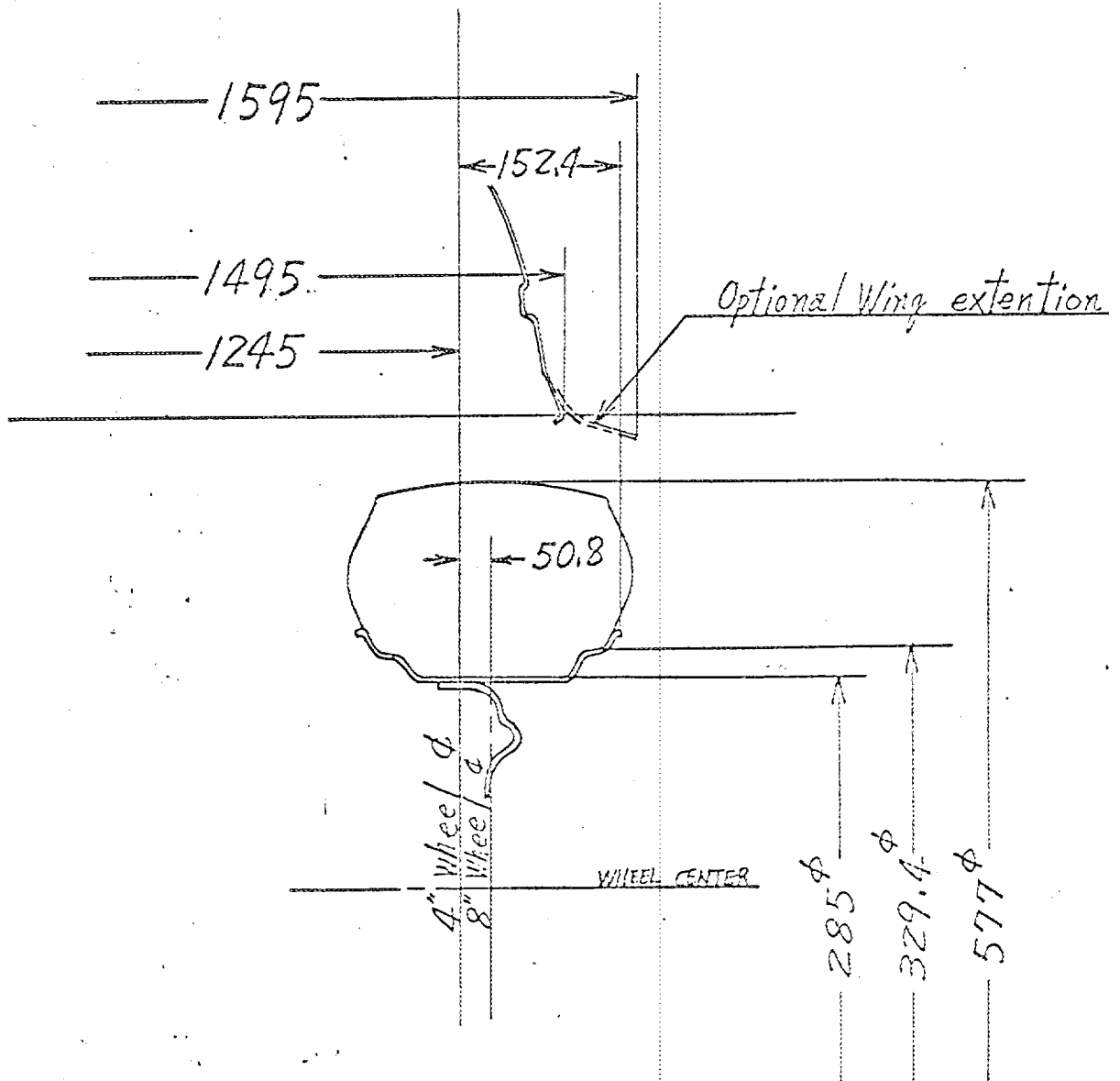
I) FRONT WING EXTENSION Photo



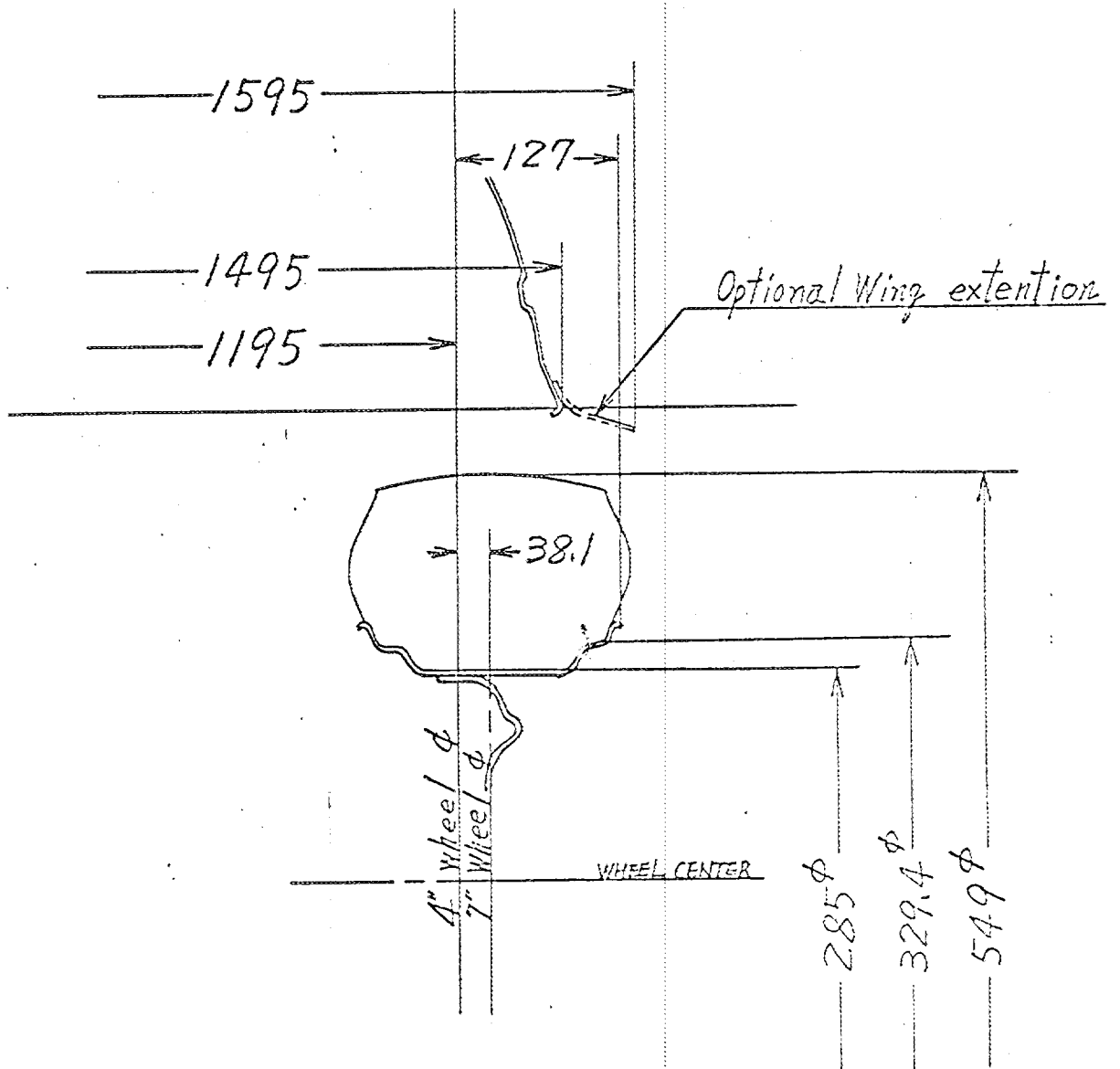
II) REAR WING EXTENSION Photo



Relation of 8" wheel rim and optional Front Wing extension for standard wheel



Relation of 7" wheel rim and optional Rear Wing extension for standard wheel



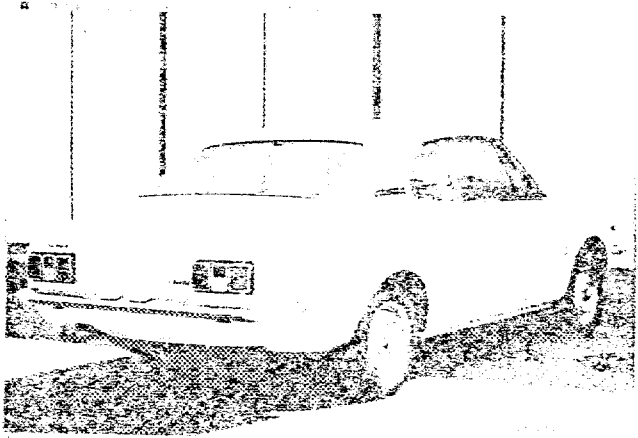
Make

HONDA MOTOR CO., LTD.

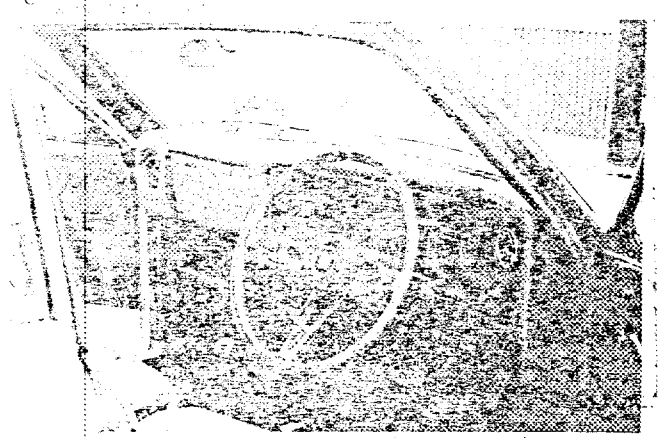
Photograph

Model C1130AC

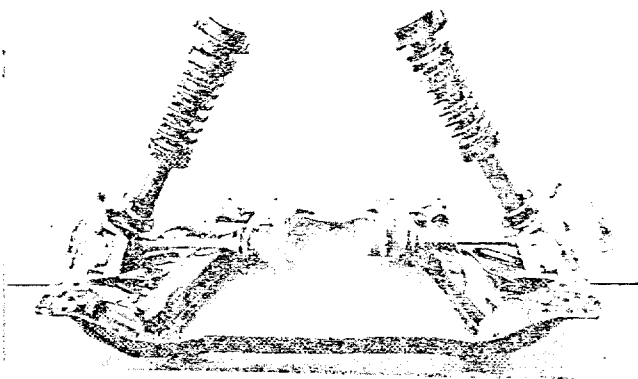
File No. 100-100000



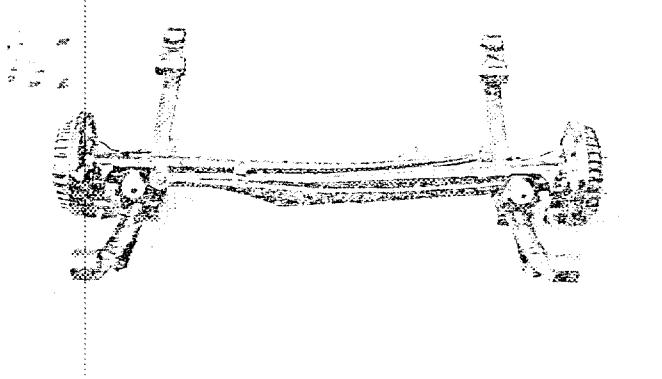
D, front axle complete, removed from car, without wheels



E, Rear axle complete without wheels, removed from car



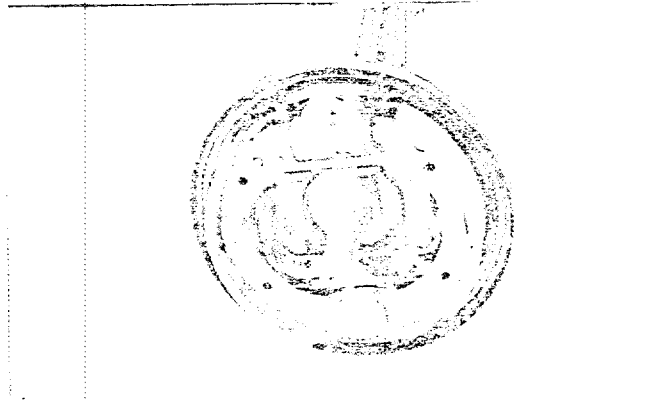
F, front brake, drum removed or disc with caliper



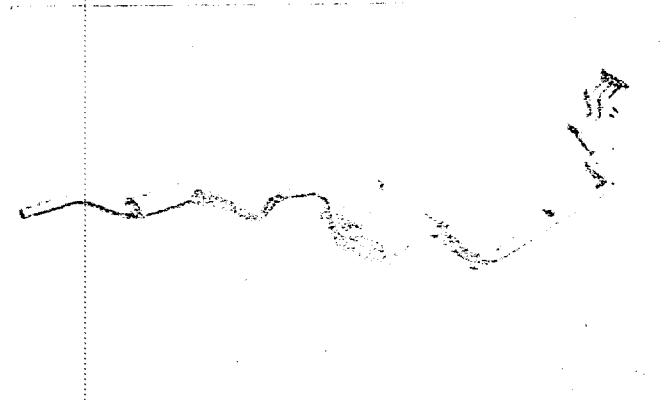
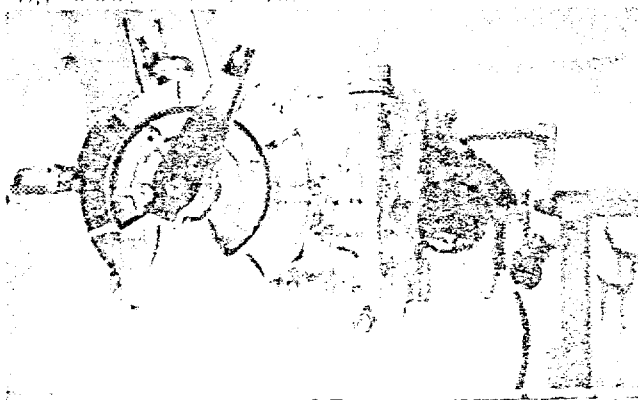
G, rear brake, drum removed or disc with caliper



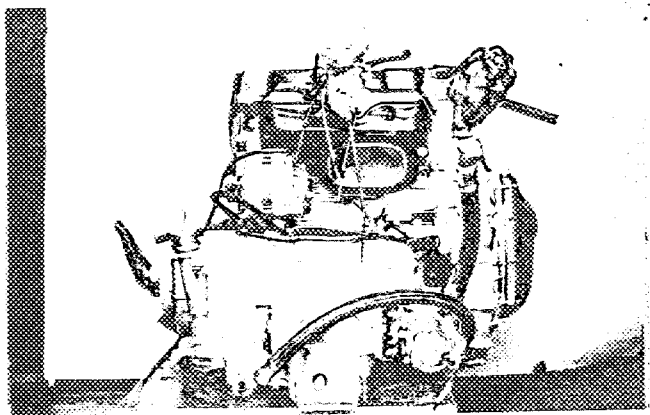
H, rear box, view from side



I, plunger & return pins after repair manifold



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 engine unit out of car, from right. With clutch and
 J, accessories but without air filter nor gear-box.

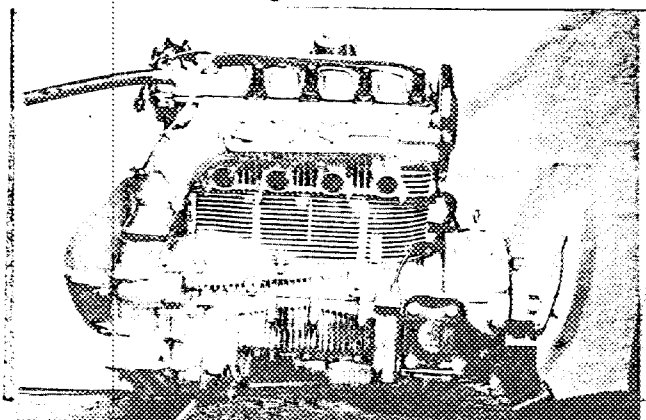


L, combustion chamber

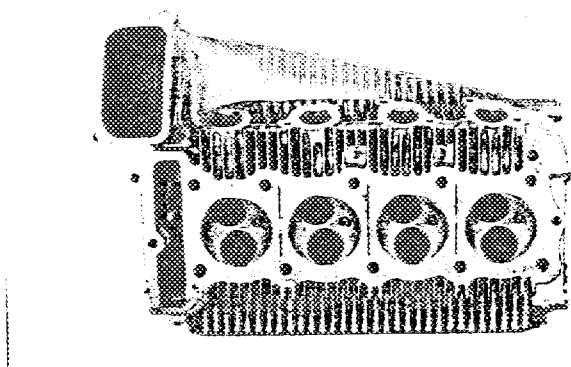
Model H1300C
 Photograph

F.I.A. Rec. No

Engine unit out of car, from left. With clutch and ac-
 K, cessories but without gear-box nor air filter.



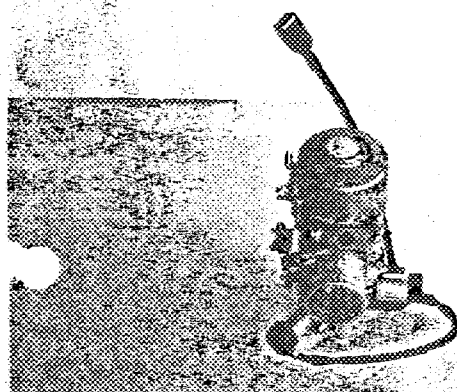
M, piston crown



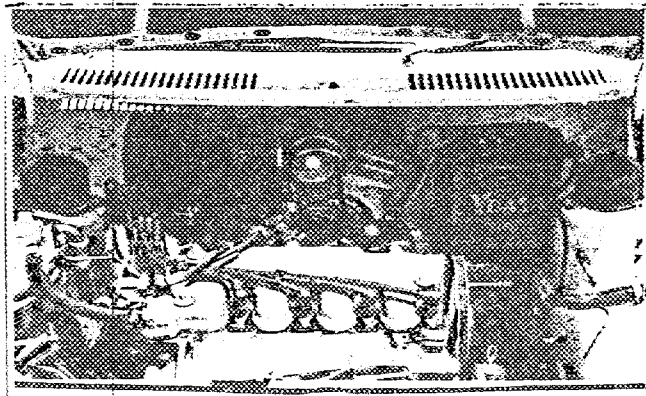
N, Carburettor (view from side of manifold)



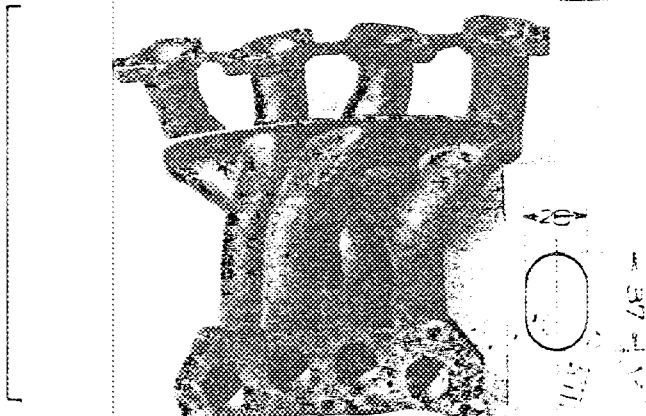
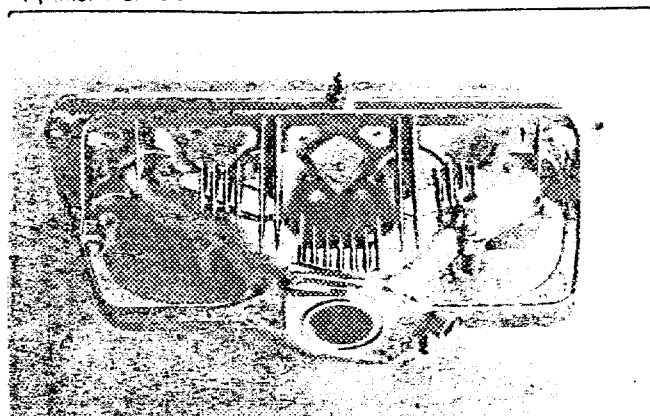
O, engine in car with all accessories, bonnet open or removed.



P, inlet manifold

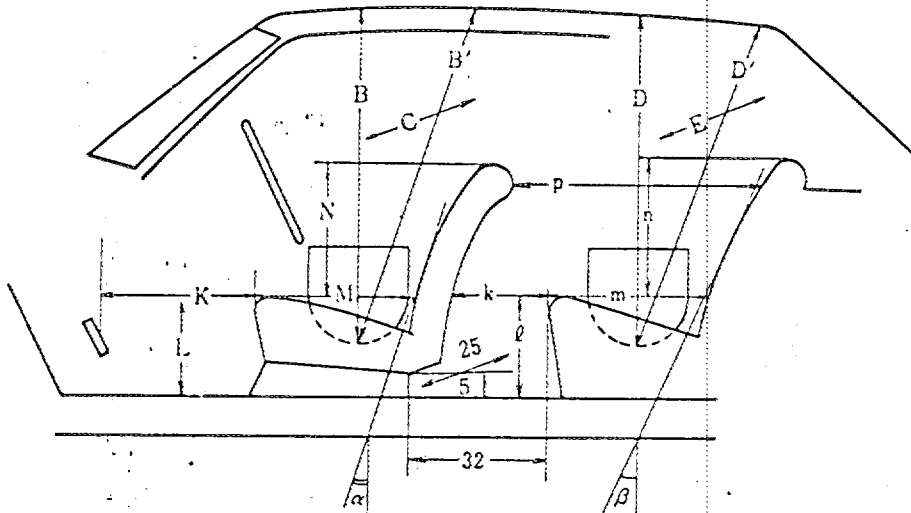


Q, exhaust manifold



DIMENSIONS OF INTERIOR
 (Conform to Art. 253 b of Appendix J) *

For four seaters:



Minimum Dimensions (cm)							
B	B'	α	C	D	D'	β	E
89.5	98.5	23°	124	90.5	89.5	21°	124

Minimum Dimensions (cm)										
L	ℓ	M	m	N	n	k+m	p	k	k+ ℓ +m	K+L+M
29	31	46.5	43	45.5	38.5	70.0	75.5	27	101	121
0.9L = 26.1		0.85M = 39.5		0.8N = 36.4		0.8(k+m) = 56		(15)	(95)	(120)

INTERNATIONAL
 MOTORCYCLE
 SHOW

Make HONDA MOTOR CO., LTD.

Model H1300C

F. I. A. Rec. No.

TWO STROKE ENGINES

300. System of cylinder scavenging
301. Type of lubrication
302. Inlet ports, length measured around cylinder wall mm inches
303. Height inlet part mm in. 304. Area mm² sq. in.
305. Exhaust ports, length measured around cylinder wall mm inches
306. Height exhaust part mm in. 307. Area mm² sq. in.
308. Transfer port, length measured around cylinder wall mm inches
309. Height transfer part mm in. 310. Area mm² sq. in.
311. Piston ports, length measured around piston mm inches
312. Height piston port mm in. 313. Area mm² sq. in.
314. Method of precompression 315. Precompression cyl.: yes/no
316. Bore mm inches 317. Stroke mm inches
318. Distance from top of cyl. block to highest point of exhaust port : mm inches
319. Distance from top of cyl. block to lowest point of inlet port : mm inches
320. Distance from top of cyl. block to highest point of transfer port : mm inches
321. Drawing of cylinder ports.

330. Supercharging—state full details hereafter :

JAPAN AUTOMOBILE FEDERATION

難波清治

Yasuharu Nanba

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