



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

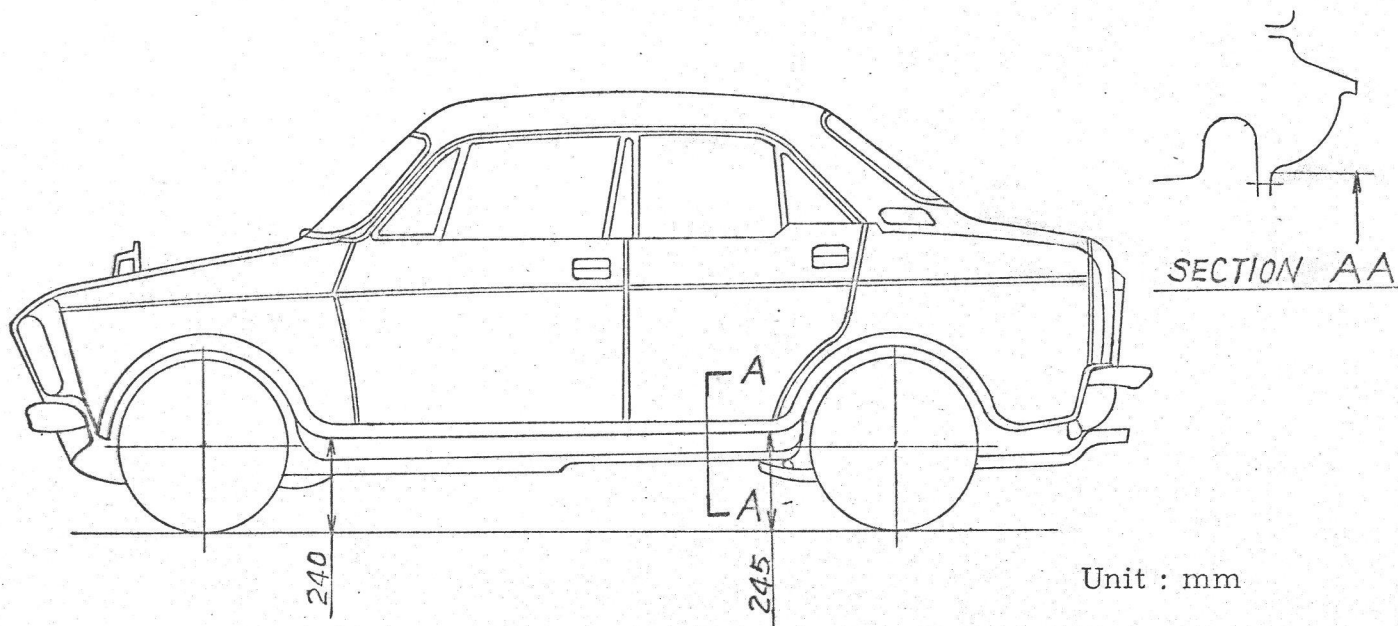
**CAPACITIES AND DIMENSIONS**

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>	1,220	mm	48.03	inches *
4. Overall length of the car			388.5	cm inches
5. Overall width of the car			146.5	cm inches
6. Overall height of the car			134.5	cm inches
7. <u>Capacity of fuel tank</u> (reserve included)				45 ltrs
	11.89	Gallon US	9.90	Gallon Imp.
8. Seating capacity	5			
9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:				
	840	kg	1,852	lbs cwt
				16.53

\* 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.



Unit : mm

**CONVERSION TABLE**

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

5475

**CHASSIS AND COACHWORK** (Photographs A, B and C)

- 20. Chassis/body construction : ~~XXXXX~~ / unitary construction
- 21. Unitary construction, material (s) **Steel**  
~~XXXXXXXXXXXX~~
- 22. Separate Constructions: Material (s) of chassis
- 23. Material (s) of coachwork
- 24. Number of doors **4** 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 **Glass**
- 31. Sliding system of door windows **Vertical (Manual)**
- 32. Material (s) of rear-quarter light **Glass**

**ACCESSORIES AND UPHOLSTERY**

- 38. Interior heating : yes - ~~XX~~
- 39. Air-conditioning : ~~XX~~ - no
- 40. Ventilation : yes - ~~XX~~
- 41. Front seats, type of seats and upholstery **Separate, Vinyl Leather**
- 42. Weight of front seat (s), complete with supports and rails, out of the car :  
**15.5 x 2=31** kg lbs
- 43. Rear seats, type of seats and upholstery **Bench, Vinyl Leather**
- 44. Front bumper, material (s) **Steel** Weight **2.9** kg lbs
- 45. Rear bumper, material (s) **Steel** Weight **3.1** kg lbs

**WHEELS**

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

**STEERING**

- 60. Type **Rack and Pinion**
- 61. Servo-assistance : ~~XX~~ - no
- 62. Number of turns of steering wheel from lock to lock **3.6**
- 63. In case of servo-assistance

5475

**SUSPENSION**

- 70. Front suspension (photogr. D), type Independent (Mc-Pherson)
- 71. Type of spring Coil Spring
- 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 Spring
- 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 2 ( Tandem )

		FRONT		REAR	
		1		1	
93. Number of cylinders per wheel					
94. Bore of wheel cylinder (s)	48.1	mm	in.	20.64	mm in.
<b>Drum brakes</b>					
95. Inside diameter		mm	in.	202	mm in.
96. Length of brake linings		mm	in.	200	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 <sup>2</sup>	sq. in.	15,200	mm <sup>2</sup> sq. in.
<b>Disc brakes</b>					
100. Outside diameter	230	mm	in.		mm in.
101. Thickness of disc	9.6	mm	in.		mm in.
102. Length of brake linings	60	mm	in.		mm in.
103. Width of brake linings	40	mm	in.		mm in.
104. Number of pads per brake		2			
105. Total area per brake	4,800	mm <sup>2</sup>	sq. in.		mm <sup>2</sup> sq. in.

5475

**ENGINE** (photographs J and K)

130. Cycle	4	131. Number of cylinders	4		
132. Cylinder arrangement	In Line Transverse				
133. Bore	74 mm	2.94 in.	134. Stroke	75.5 mm	2.97 in.
135. Capacity per cylinder	324.5 cm <sup>3</sup>		19.79 cu. in.		
136. Total, cylinder-capacity	1,298 cm <sup>3</sup>		79.12 cu. in.		
137. Material (s) of cylinder block	Aluminium				
138. Material (s) of sleeves (if fitted)	Cast Iron				
139. Cylinder-head, material (s)	Aluminium			Number fitted	1
140. Number of inlet ports	4	141. Number of exhaust ports	4		
142. Compression ratio	9.5				
143. Volume of one combustion chamber	38.2 cm <sup>3</sup>		cu. in.		
144. Piston, material	Aluminium				
145. Number of rings	3				
146. Distance from gudgeon pin centre line to highest point of piston crown	30.2 mm		inches		
147. Crankshaft : <del>welded</del> / stamped	148. Type of crankshaft : integral <del>xxxx</del>				
149. Number of crankshaft main bearings	5				
150. Material of bearing cap	Aluminium				
151. System of lubrication : dry sump / <del>oil sump</del>					
152. Capacity, lubricant	4 ltrs	pts	quarts US		
153. Oil cooler : <del>yes</del> / no	154. Method of engine cooling				
155. Capacity of cooling system	ltrs	pints	Forced Air Cooling (By Centrifugal Fan)		
156. Cooling fan (if fitted), dia.	22 cm	inches	quarts US		
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			

5475

**FOUR STROKE ENGINES**

- 170. Number of camshafts 1
- 171. Location Over Head Camshaft
- 172. Type of camshaft drive Chain Drive
- 173. Type of valve operation Rocker Arm

**INLET** (see page 8) \*

- 180. Material(s) of inlet manifold Aluminium
- 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. Numbr 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.  $5^{\circ} \pm 1^{\circ}$
- 188. Valves close at (with tolerance for tappet clearance indicated) A. B. D. C.  $30^{\circ} \pm 1^{\circ}$
- 189. Air filter, type Dry (At 1m/m Value Lift)

**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.  $40^{\circ} \pm 1^{\circ}$
  - 203. Valves close at (with tolerance for tappet clearance indicated) B. B. D. C.  $5^{\circ} \pm 1^{\circ}$
- (At 1 m/m Value Lift)

**CARBURETION** (photograph N)

- 210. Number of carburettors fitted 1
- 211. Type Side Draft
- 212. Make Keihin
- 213. Model 1000-365
- 214. Number of mixture passages per carburettor 1
- 215. Flange hole diameter of exit port(s) of carburettor 40 mm inches
- 216. Minimum dimensions of mixture pasage (s) ~~xxxxxxx~~ 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. locafion of injectors
- 225. Minimum diameter of inlet pipe mm inches

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

5475

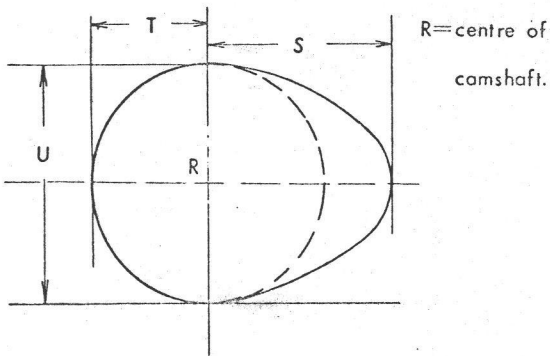
**ENGINE ACCESSORIES**

- |   |                                      |             |
|---|--------------------------------------|-------------|
| 230. Fuel pump : <del>mechanical</del> / <del>or</del> electric | 231. No. fitted                      | 1           |
| 232. Type of ignition system                                    | 233. No. of distributors             | 1           |
| 234. No. of ignition coils                                      | 235. No. of spark plugs per cylinder | 1           |
| 236. Generator, type: <del>dyno</del> /alternator-number fitted | 237. Method of drive                 | V-Belt      |
| 238. Voltage of generator                                       | 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       | 100 PS     | (type of horsepower: JIS ) at | 7200  | rpm          |
| 251. Maximum rpm              | 7700       | output at that figure         | 99 PS |              |
| 252. Maximum torque           | 10.95 kg-m | at                            | 4500  | 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

5475

**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 and 4**
- 273. Location of gear-shift **Floor**
- 274. 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	$\frac{31}{25}$	$\frac{32}{26}$ $\frac{42}{15}$									
2	2.49	$\frac{31}{25}$	$\frac{32}{26}$ $\frac{36}{22}$									
3	1.69	$\frac{31}{25}$	$\frac{32}{26}$ $\frac{30}{27}$									
4	1.52	$\frac{31}{25}$	$\frac{32}{26}$									
5												
6												
reverse	4.57	$\frac{31}{25}$	$\frac{32}{26}$ $\frac{42}{14}$									

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

**FINAL DRIVE**

- 290. Type of final drive **Herical Gear**
- 291. Type of differential **Bevel Gear**
- 292. Type of limited slip differential (if fitted) \_\_\_\_\_
- 293. Final drive ratio **3.50**
- Number of teeth **70/20**



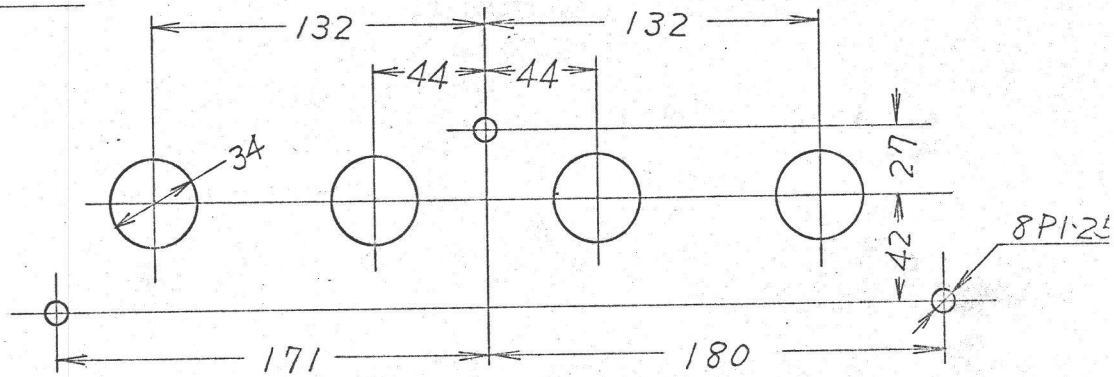
5475

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

Unit : mm

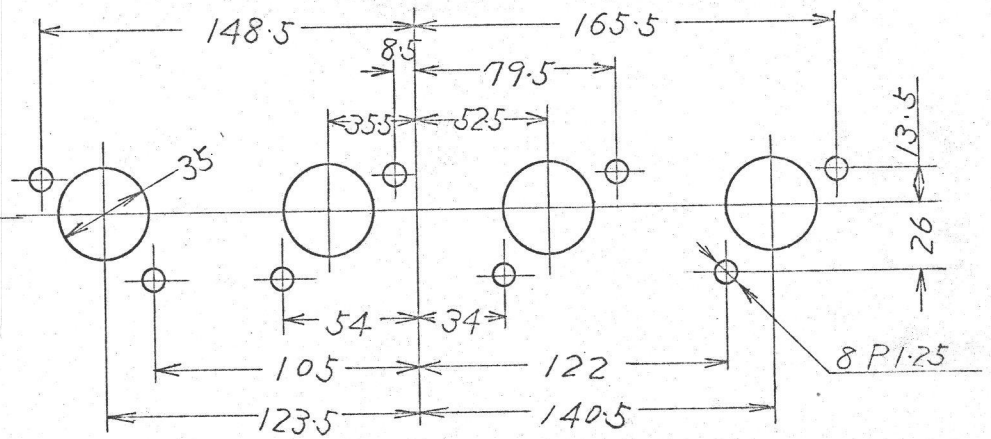
Tolerance :  $\pm 1.5$

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.



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 to be stated together with reference number.

I) WHEEL

- |    |     |                      |   |           |
|----|-----|----------------------|---|-----------|
| 1) | 50) | Type                 | Pressed Steel                             |           |
|    | 51) | Weight               | 6.5 kg                                    |           |
|    | 52) | Method of Attachment | 4 Hub-Bolts and Nuts                      |           |
|    | 53) | <u>Rim Diameter</u>  | 329.4 mm                                  | 13 inches |
|    | 54) | <u>Rim Width</u>     | 127 mm                                    | 5 inches  |
| 2) | 50) | Type                 | Magnesium Casting                         |           |
|    | 51) | Weight               | 4.8 kg                                    |           |
|    | 52) | Method of Attachment | 4 Hub-Bolts and Nuts<br>or<br>Center Lock |           |
|    | 53) | <u>Rim Diameter</u>  | 329.4 mm                                  | 13 inches |
|    | 54) | <u>Rim Width</u>     | 203 mm                                    | 8 inches  |

II) FRONT WING

- |  |     |                           |                    |
|--|-----|---------------------------|--------------------|
|  | 5)  | Over All Width of the Car | 156.5 cm           |
|  | 21) | Materials                 | Steel or Aluminium |

III) HOOD

- |  |     |           |       |
|--|-----|-----------|-------|
|  | 21) | Materials | Steel |
|--|-----|-----------|-------|

Photograph

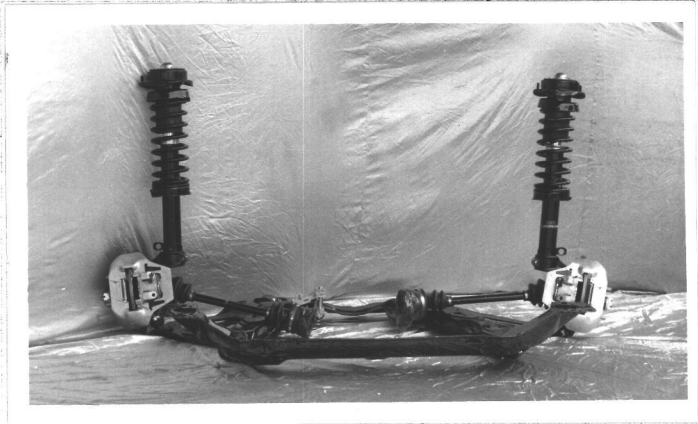
interior view of car through driver's door (open or removed) with dashboard

B. 3/4 view of car from rear



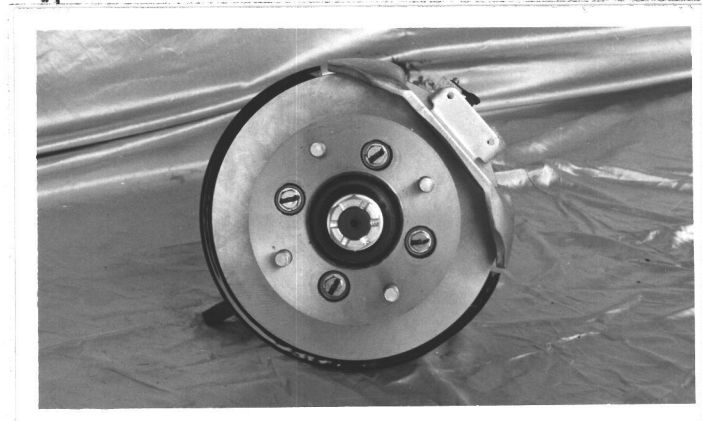
D, front axle complete, removed from car. Without wheels.

E, Rear axle complete without wheels, removed from car.



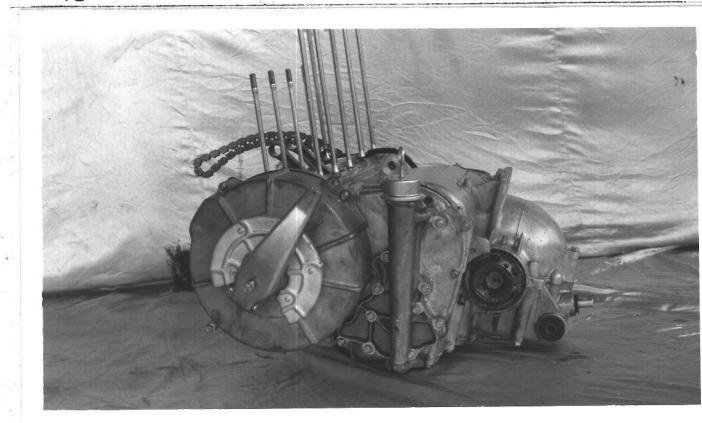
F, front brake. drum removed or disc with caliper(s)

G, rear brake. drum removed or disc with caliper(s)



H, gear-box, view from side

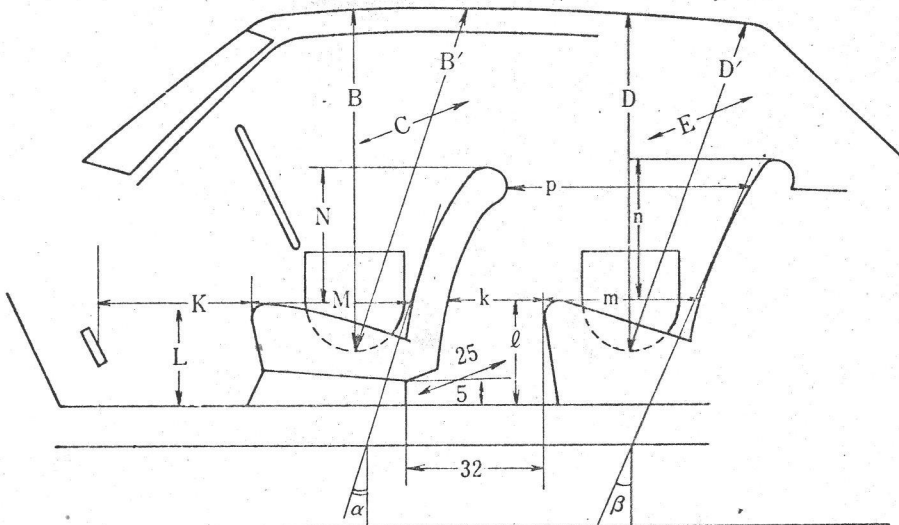
I, silencer + exhaust pipes after exhaust manifold.



5475

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

For four seaters :



Minimum Dimensions (cm)							
B	B'	$\alpha$	C	D	D'	$\beta$	E
87	97	22°	122	85.5	92	21.5°	122

Minimum Dimensions (cm)										
L	$l$	M	m	N	n	k+m	p	k	k+l+m	K+L+M
33.5	30.5	47.5	44.5	43.5	38.5	75.5	77	31	106	133
0.9L = 30.2		0.85M = 40.4		0.8N = 34.8		0.8(k+m) = 60.4		(15)	(95)	(120)

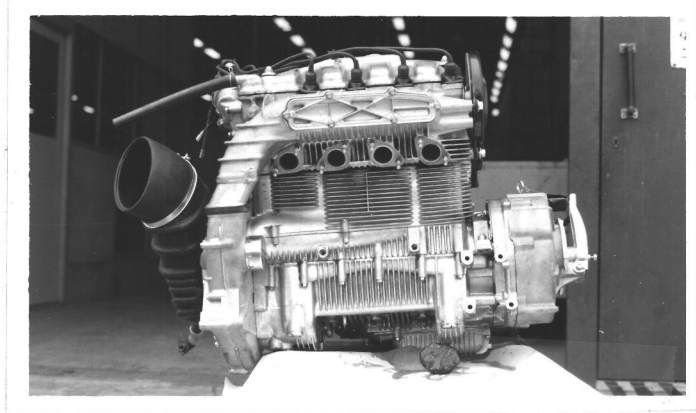
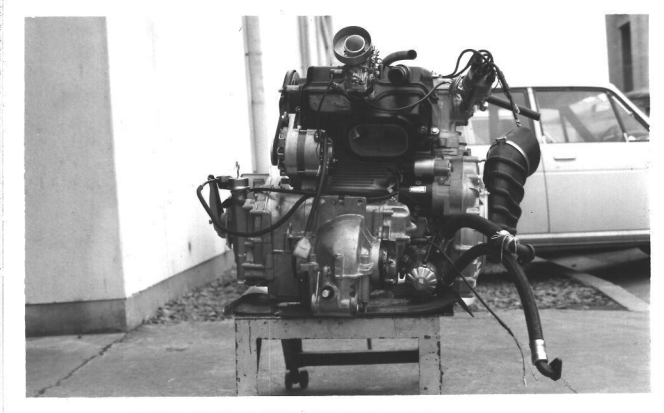
Make HONDA MOTOR CO., LTD.

Model H 1300

F.I.A. Rec. No. 5475

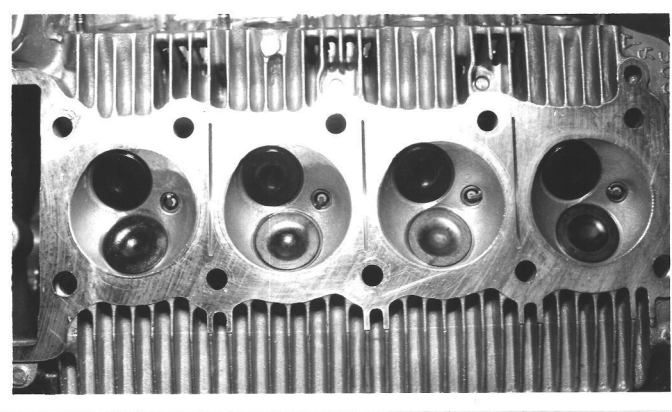
engine unit out of car, from right. With clutch and accessories but without air filter nor gear-box.

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



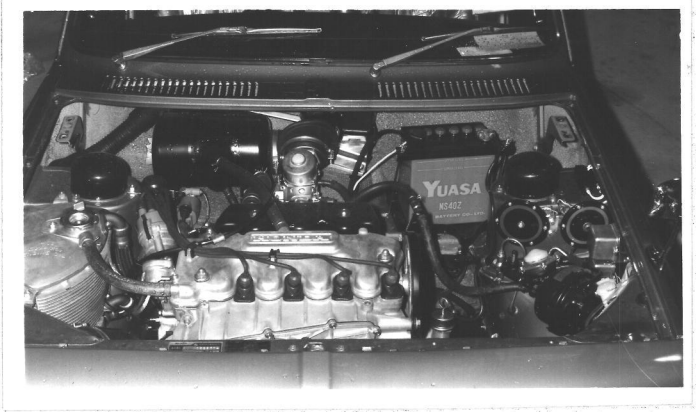
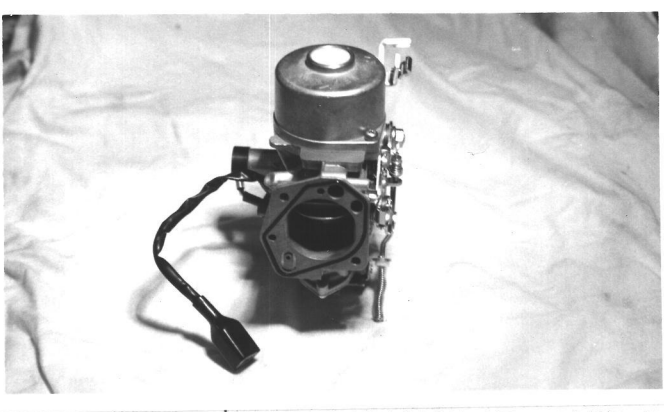
L, combustion chamber

M, piston crown



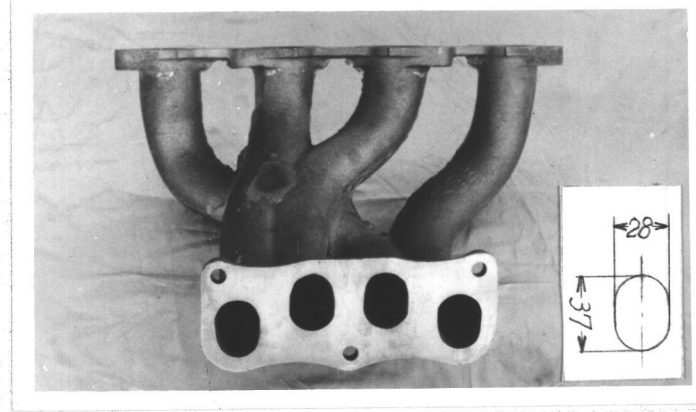
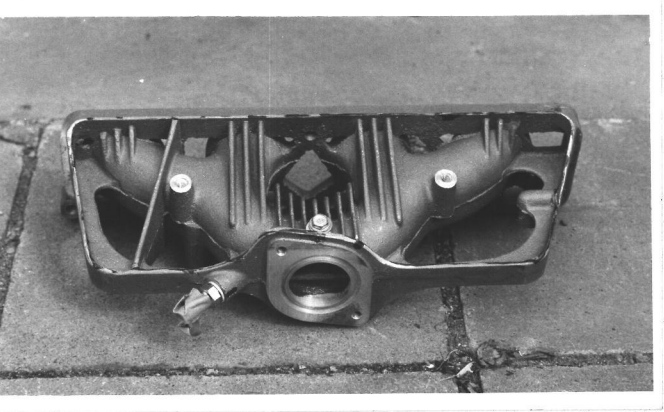
N, Carburettor (view from side of manifold)

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



P, inlet manifold

Q, exhaust manifold



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 port mm in. 304. Area mm<sup>2</sup> sq. in.
- 305. Exhaust ports, length measured around cylinder wall mm inches
- 306. Height exhaust port mm in. 307. Area mm<sup>2</sup> sq. in.
- 308. Transfer port, length measured around cylinder wall mm inches
- 309. Height transfer port mm in. 310. Area mm<sup>2</sup> sq. in.
- 311. Piston ports, length measured around piston mm inches
- 312. Height piston port mm in. 313. Area mm<sup>2</sup> 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

Yasuharu Nanba



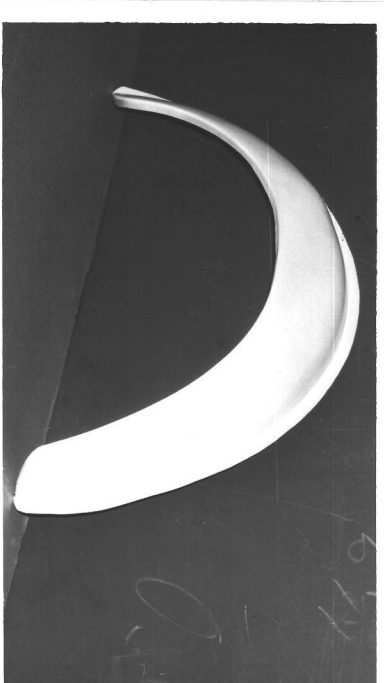
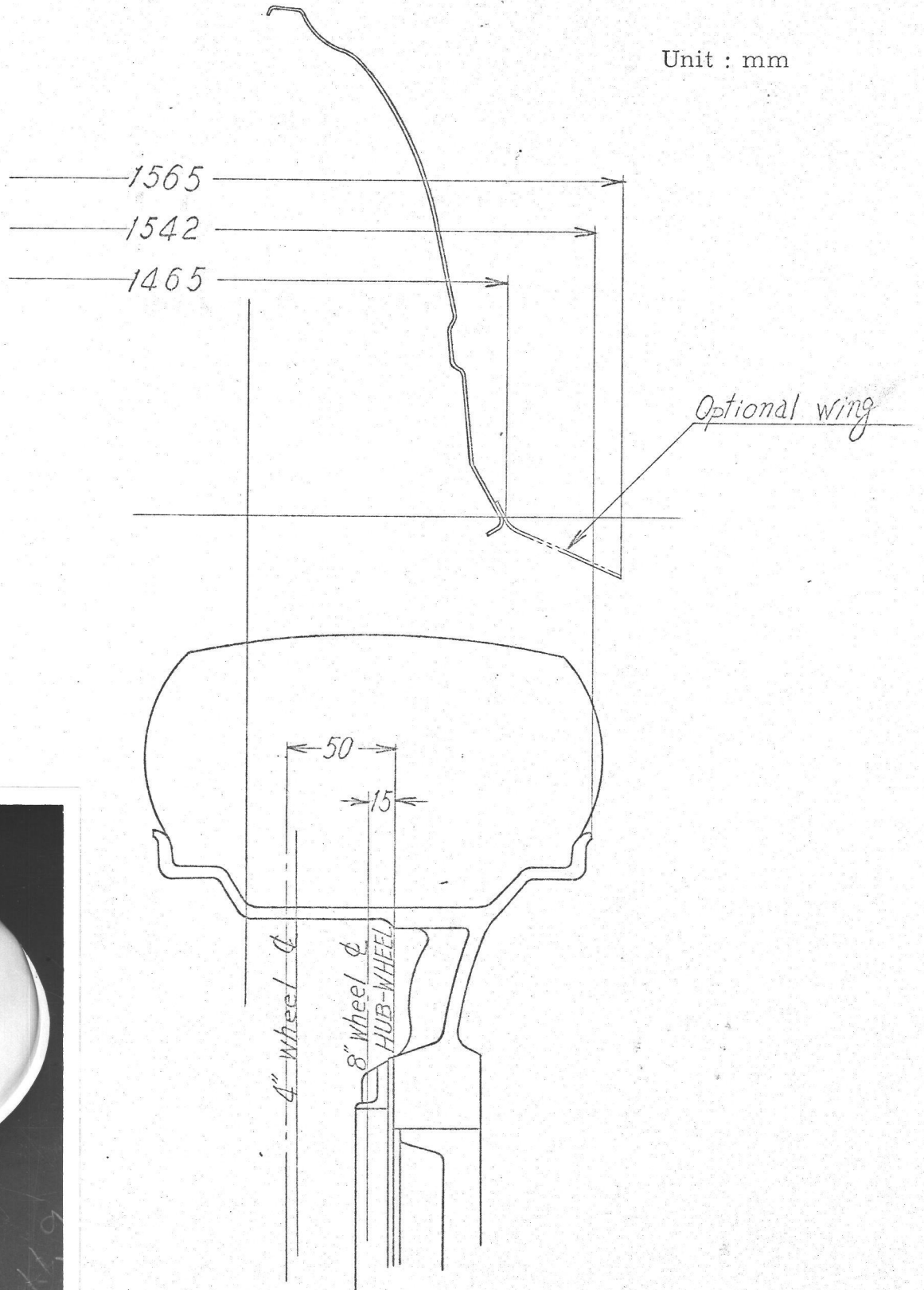
HONDA MOTOR CO., LTD.

5475

No. 5, 5-chome, Yaesu, Chuo-ku, Tokyo, Japan  
Cable Address / HONDAMOTOR TOKYO  
Tel. / (272) 4411  
Telex / TK2678 HONDAMTR

Relation of 8" rim wheel and optional Front wing  
for standard wheel

Unit : mm



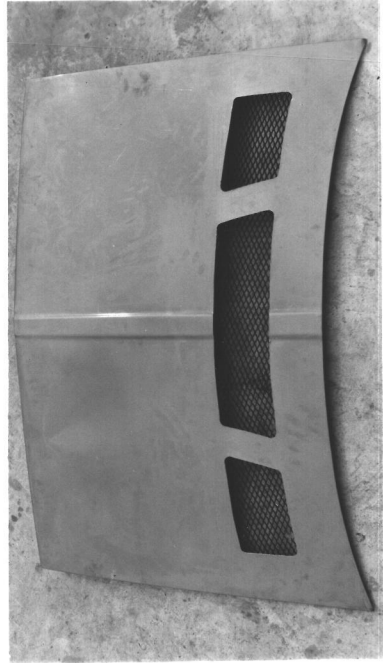
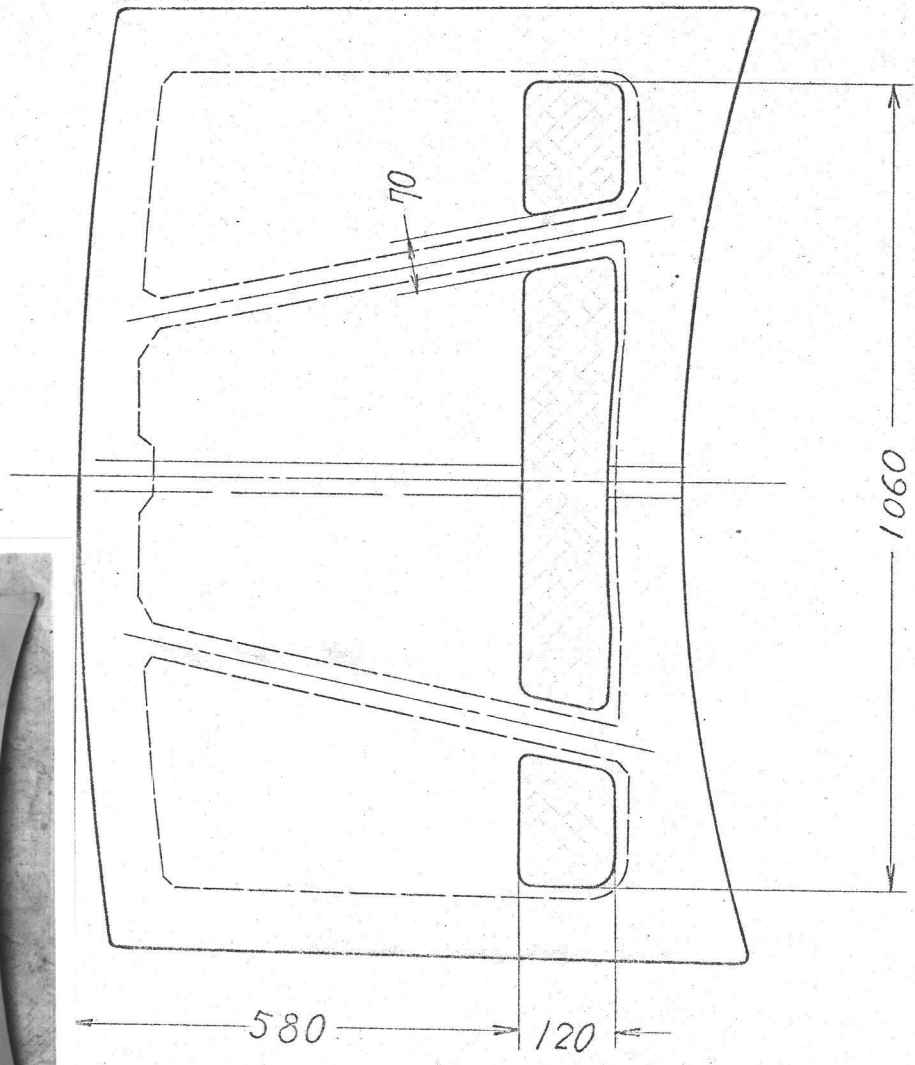


HONDA MOTOR CO., LTD.

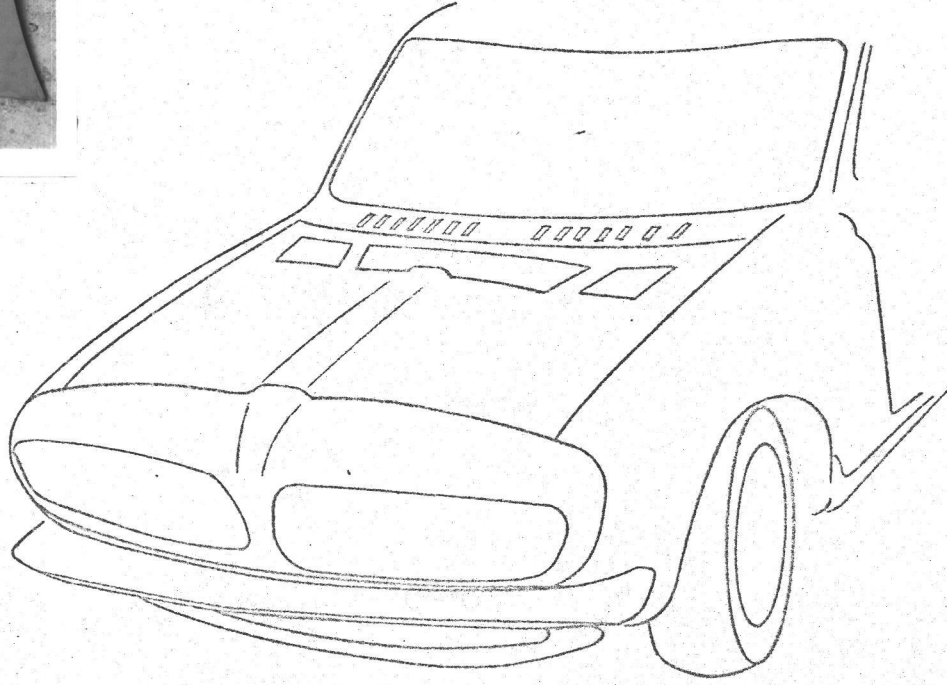
No. 5, 5-chome, Yaesu, Chuo-ku, Tokyo, Japan  
Cable Address / HONDAMOTOR TOKYO  
Tel. / (272) 4411  
Telex / TK2678 HONDAMTR

5475

Optional Hood with air outlet



Unit : mm







2577/1/1V  
5475

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition  
in accordance with the International  
Sporting Code.

Make HONDA MOTOR CO., LTD. Model H1300

Modification's application starts with serial No. chassis H1300-1000001  
engine H1300E-1000001

Application of this amendment started the

Commercial denomination after application of modifications

The modifications are to be considered as: Variant / ~~XXXXXXXXXXXXXXX~~

Date amendment is valid from JUL 1 1970<sup>ist</sup> 1970/7

Description of amendment

Another type of engine can be choiced for the H1300 cars as maker's option.

- 142. Compression ratio 9.3
- 143. Volume of one combustion chamber 39.1 cm<sup>3</sup>
- 146. Distance from gudgeon pin centre line to highest point of piston crown 30.7 mm
- 182. Max valve lift 10.0 mm 0.39 in.
- 187. Valves open at (with tolerance for tappet clearance indicated)  
B. T. D. C. 5°+7°
- 188. Valves close at (with tolerance for tappet clearance indicated)  
A. B. D. C. 40°+7°
- 197. Max valve lift 10.0 mm 0.39 in.
- 202. Valves open at (with tolerance for tappet clearance indicated)  
B. B. D. C. 40°+7°
- 203. Valves close at (with tolerance for tappet clearance indicated)  
A. T. D. C. 5°+7°
- 210. Number of carburettors fitted 4
- 213. Model 1000-376
- 250. Max engine output 110 PS (type of horsepower : JIS)  
at 7300 rpm
- 251. Maximum rpm 7,800 output at that figure 105 PS

Stamp and signature of  
National Sporting Authority

Stamp and signature of F.I.A.

JAPAN AUTOMOBILE FEDERATION

難波靖治

Yasuharu Nanba

Make HONDA MOTOR CO., LTD.

Model H1300

F.I.A. Rec. No.

5475

252. Maximum torque 11.5 kgm at 5000 rpm  
253. Maximum speed of the car 180 km/hour  
255. Inlet cam S = 23.05 mm 0.92 in.  
Exhaust cam S = 23.05 mm 0.92 in.

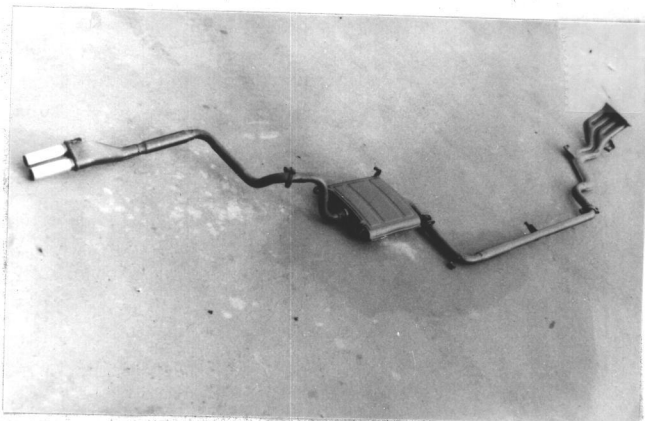
A. Photo



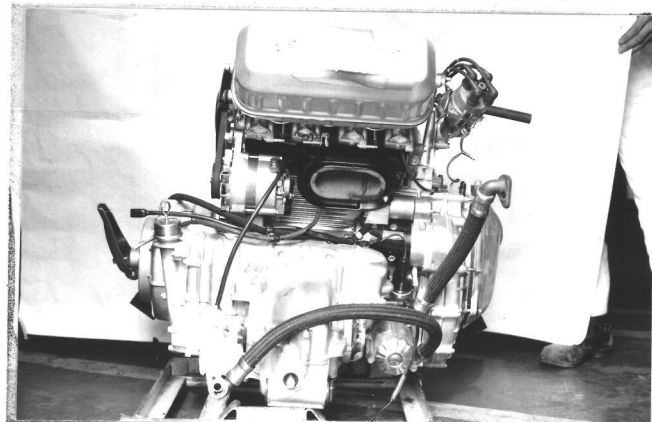
B. Photo



I. Photo

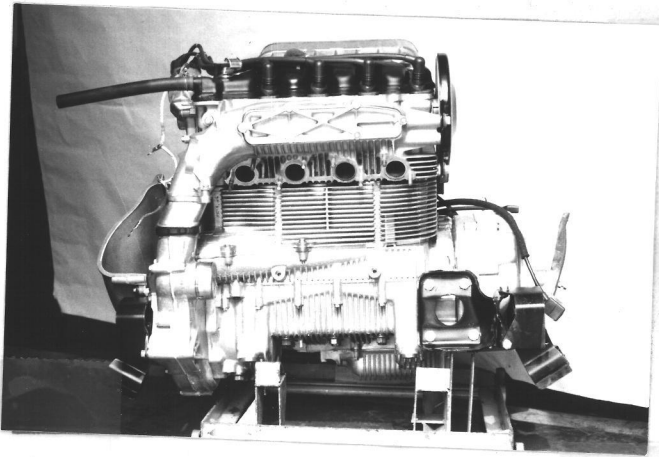


J. Photo

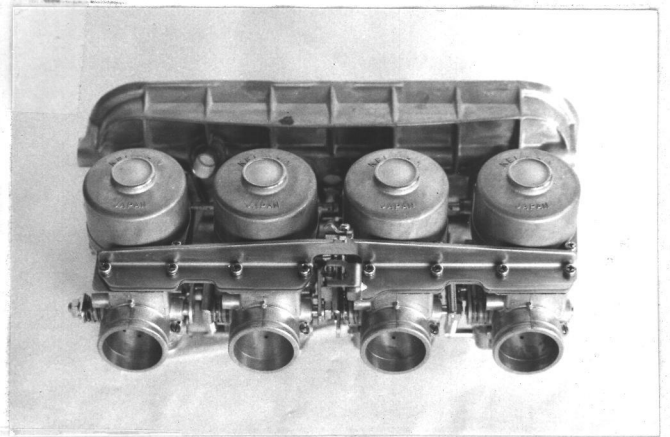


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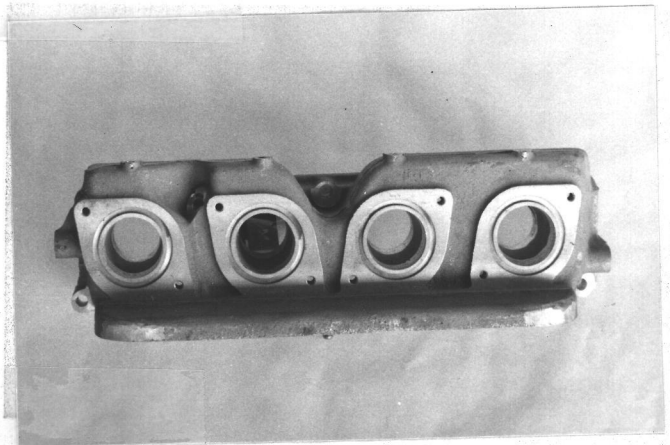
K. Photo



N. Photo

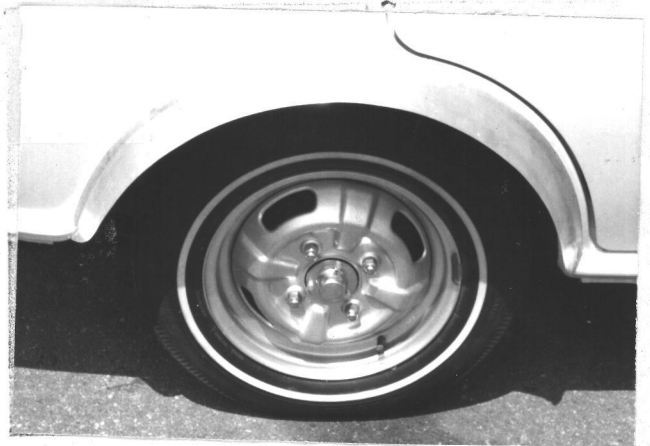


P. Photo



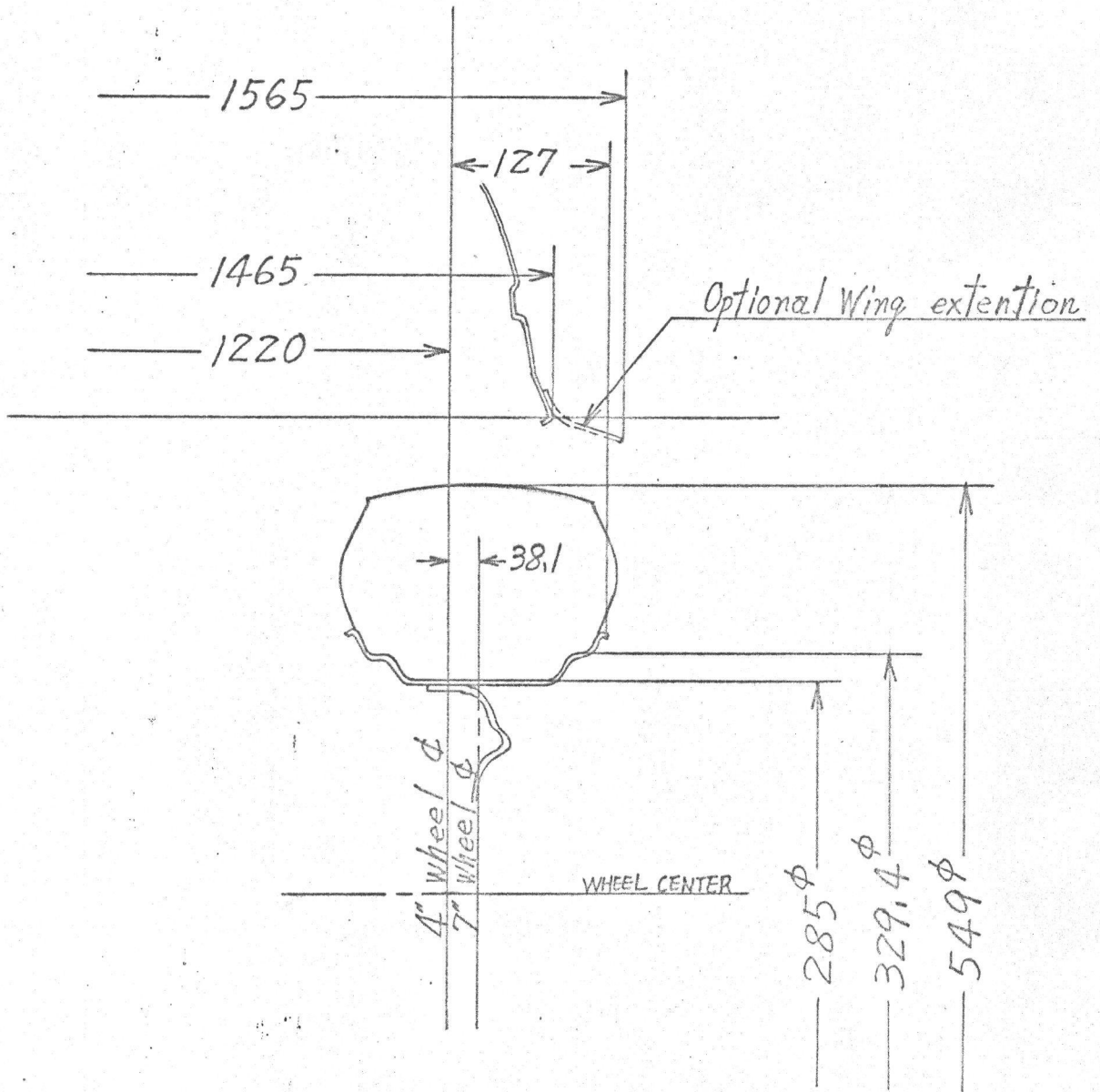
REAR WING EXTENSION

5. Overall width of the car 156.5 cm



5475

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



OKWKT July 72NASB

5475



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-109E-2  
発効年月日 47. 3. 31

F.I.A. Homol. No 1577

2/1E

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

国際スポーツ法典付則J項及びJAF国内競技車両規則に従った公認書式。

Make HONDA MOTOR CO., LTD. Model H1300  
 製造会社名 型式及び通称名  
 Modification's application starts with serial No. chassis 適用シャーシー番号 H1300-1030001  
 engine 適用エンジン番号 H1300E-2000017  
 Application of this amendment started the NOV. 1970  
 適用年月日  
 Commercial denomination after application of modifications  
 The modifications are to be considered as: ~~XXXXXX~~ / normal evolution of the type  
 変更 / 正常進化  
 Date amendment is valid from List

Description of amendment 内容

Photograph A 3/4 view of car from front



Photograph B 3/4 view of car from rear



Photograph C interior view of car through driver's door (open or removed) with dashboard



Stamp and signature of the JAF

JAF公認印及び署名

鹿山博史

Hiroshi Niwayama



Stamp and signature of the F.I.A.