



JAPAN AUTOMOBILE FEDERATION

F. I. A. Recognition No. *5234*
Group *1 - Series - Production*

FEDERATION 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 **N600-1000001**

Serial No. of engine **N600E-1000001**

Recognition is valid from *1st November 1968*

The manufacturing of the model described in this recognition form was started on **Feb. 1968** and the minimum production of **5000** identical cars, in accordance with the specifications of this form was reached on **May 1968**

Cylinder-capacity 598 cm³ 36.49 cu. in.

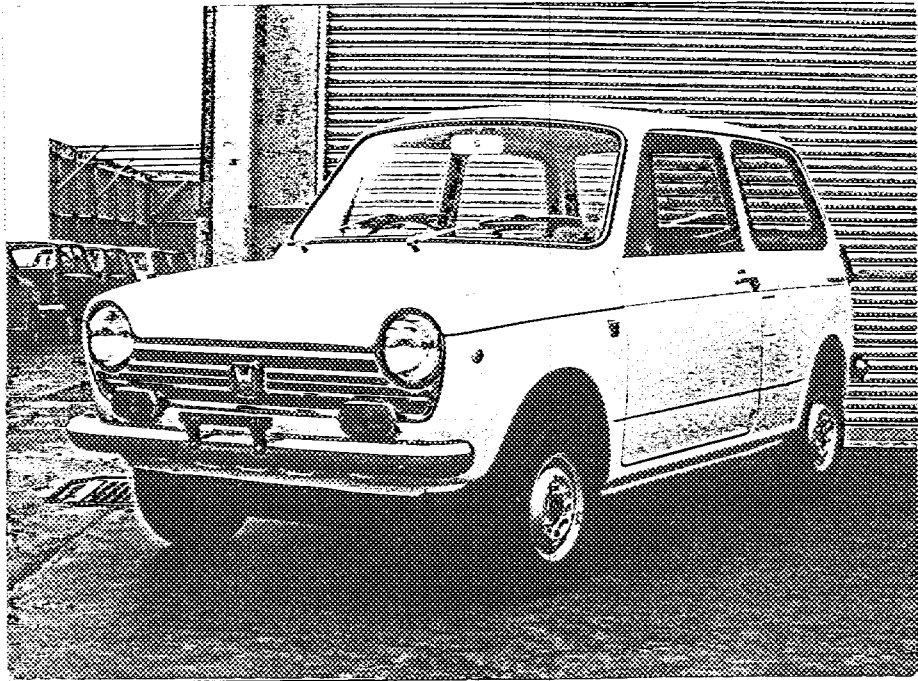
Model **HONDA N600**

Manufacturer **HONDA MOTOR CO., LTD.**

Manufacturer **HONDA MOTOR CO., LTD.**

List *1968/10*

Photograph A, 3/4 view of car from front



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

<u>Variants</u>				<u>Normal evolution of the type</u>			
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	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

Stamp and signature of the F. I. A.

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

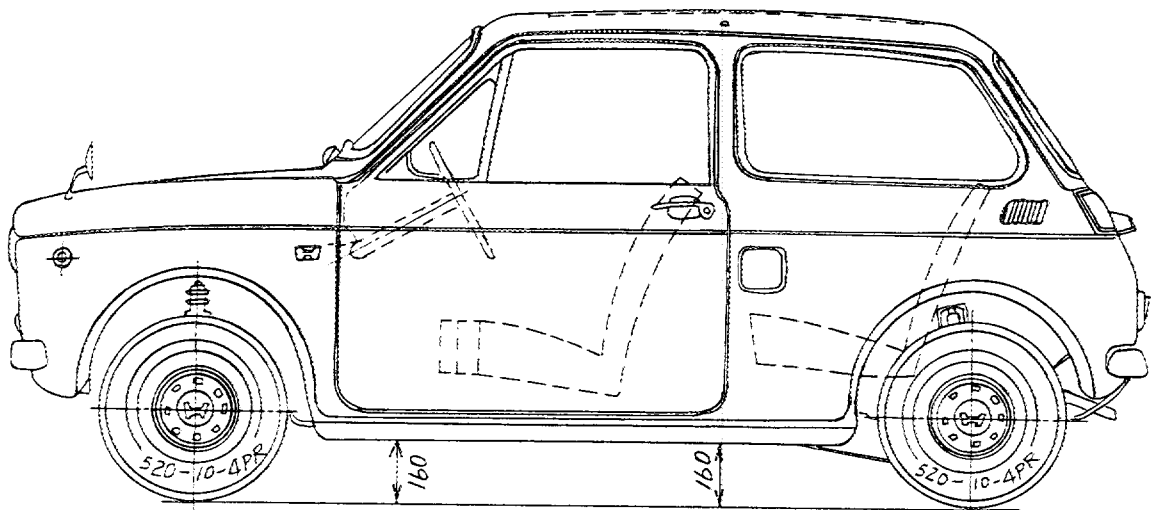
CAPACITIES AND DIMENSIONS

1. <u>Wheelbase</u>	2000	mm	78.74	inches
2. <u>Front track</u>	1150	mm	45.28	inches *
3. <u>Rear track</u>	1105	mm	43.50	inches *
4. Overall length of the car		310,0	cm	inches
5. Overall width of the car		129,5	cm	inches
6. Overall height of the car		133,0	cm	inches
7. <u>Capacity of fuel tank</u> (reserve included)				26 ltrs
	6.87	Gallon US		Gallon Imp.
8. Seating capacity	4			
9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:				
	535	kg	1177	lbs 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.



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 ²	1 gallon imp.	-- 4.546 ltrs
1 cubic inch / pouce cube	-- 16.387 cm ³	1 gallon US	-- 3.785 ltrs
1 pound / livre (lb)	-- 453.593 gr.	1 hundred weight (cwt)	-- 50.802 kg

CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction : ~~SEMI~~ / unitary construction
- 21. Unitary construction, material (s)
 - Separate construction Steel
- 22. Separate Constructions: Material(s) of chassis Plastics
- 23. Material (s) of coachwork Steel
- 24. Number of doors 2 Material (s) Steel
- 25. Material (s) of bonnet Steel
- 26. Material (s) of boot lid Plastics
- 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 Vertical (Manual)
- 32. Material (s) of rear-quarter light Glass

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes - ~~NOX~~ 39. Air-conditioning : ~~YES~~ - no
- 40. Ventilation : yes - ~~NOX~~
- 41. Front seats, type of seats and upholstery Separate type
- 42. Weight of front seat (s), complete with supports and rails, out of the car :

17.4	kg	lbs
------	----	-----
- 43. Rear seats, type of seats and upholstery Bench type
- 44. Front bumper, material (s) Steel Weight 1.80 kg lbs
- 45. Rear bumper, material (s) Steel Weight 1.72 kg lbs

WHEELS

- 50. Type Pressed steel
- 51. Weight (per wheel, without tyre) 3.0 kg lbs
- 52. Method of attachment 4 Hub-Bolt and Nuts
- 53. Rim diameter 253.2 mm 10 inches
- 54. Rim width 89.0 mm 3.5 inches

STEERING

- 60. Type Rack and Pinion
- 61. Servo-assistance : ~~YES~~ - no
- 62. Number of turns of steering wheel from lock to lock 3.1
- 63. In case of servo-assistance



SUSPENSION

- 70. Front suspension (photogr. D), type Independent McPherson type
- 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 Rigid
- 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 1

	FRONT		REAR	
93. Number of cylinders per wheel	2		1	
94. Bore of wheel cylinder (s)	25.4	mm in.	14.29	mm in.
Drum brakes				
95. Inside diameter	180	mm in.	180	mm in.
96. Length of brake linings	164.5	mm in.	164.5	mm in.
97. Width of brake linings	35	mm in.	35	mm in.
98. Number of shoes per brake	2		2	
99. Total area per brake	11,500	mm ² sq. in.	11,500	mm ² sq. in.

Disc brakes

100. Outside diameter	mm	in.	mm	in.
101. Thickness of disc	mm	in.	mm	in.
102. Length of brake linings	mm	in.	mm	in.
103. Width of brake linings	mm	in.	mm	in.
104. Number of pads per brake				
105. Total area per brake	mm ²	sq. in.	mm ²	sq. in.

Make HONDA MOTOR CO., LTD.

Model HONDA N600

F. I. A. Rec. No.

ENGINE (photographs J and K)

130. Cycle	4	131. Number of cylinders	2
132. Cylinder arrangement	In Line		
133. Bore	74 mm	134. Stroke	69.6 mm
135. Capacity per cylinder		299 cm ³	18.27 cu. in.
136. Total cylinder-capacity		598 cm ³	36.54 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	1	141. Number of exhaust ports	2
142. Compression ratio	8.5		
143. Volume of one combustion chamber		39.9 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	32.0 mm		
			inches
147. Crankshaft : stamped / stamped		148. Type of crankshaft : integral /	Single plane
149. Number of crankshaft main bearings	4		assembled
150. Material of bearing cap	Steel		
151. System of lubrication : dry sump / oil in sump			
152. Capacity, lubricant	3 ltrs		quarts US
153. Oil cooler : yes / no		154. Method of engine cooling	Air
155. Capacity of cooling system	ltrs		quarts US
156. Cooling fan (if fitted), dia.	202 cm		
157. Number of blades of cooling fan	3		

Bearings

158. Crankshaft main, type	Needle roller	Dia.	34 mm	in.
159. Connecting rod big end,	Needle roller	Dia.	34 mm	in.

Weights

160. Flywheel (clean)	5.9 kg	lbs		
161. Flywheel with clutch (all timing parts)			11.2 kg	lbs
162. Crankshaft	14.5 kg	lbs	163. Connecting rod	0.289 kg
164. Piston with rings and pin	0.374 kg	lbs		lbs

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 Aluminium Alloy
 181. Diameter of valves 37 mm 1.46 inches
 182. Max. valve lift 9.0 mm 0.354 in. 183. Number of valve springs 2
 184. Type of spring Coil spring 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) 1 m/m LIFT T. D. C.
 188. Valves close at (with tolerance for tappet clearance indicated) 1 m/m LIFT 40° A. B. D. C.
 189. Air filter, type

EXHAUST (see page 8)

195. Material (s) of exhaust manifold Steel
 196. Diameter of valves 33 mm 1.30 inches
 197. Max. valve lift 8.5 mm 0.334 in. 198. Number of valve springs 2
 199. Type of spring Coil spring 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) 1m/m Lift 40° B. B. D. C.
 203. Valves close at (with tolerance for tappet clearance indicated) 1 m/m Lift T. D. C.

CARBURETION (photograph N)

210. Number of carburetors fitted 1 211. Type Side draft
 212. Make KEIHIN SEIKI 213. Model 1000-334
 214. Number of mixture passages per carburetor 1
 215. Flange hold diameter of exit port(s) of carburetor 40 mm in.
 216. Minimum dimensions of mixture passage(s) with piston at max. height (example: SU)
 35 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.

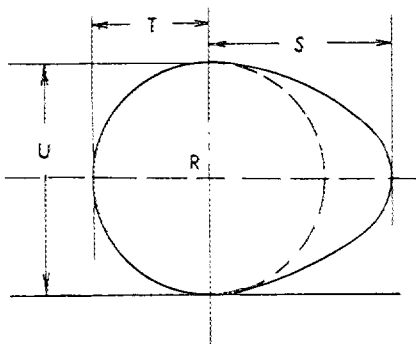
ENGINE ACCESSORIES

- 230. Fuel pump : ~~mechanical~~ ~~base~~ ~~XXXXXX~~ electric
- 231. No. fitted 1
- 232. Type of ignition system Make and break ignition
- 233. No. of distributors 1
- 234. No. of ignition coils 1
- 235. No. of spark plugs per cylinder 1
- 236. Generator, type: ~~dynamic~~ ~~XXXX~~ /alternator-number fitted 1
- 237. Method of drive Direct
- 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 43ps (type of horsepower: JIS) at 6600 rpm
- 251. Maximum rpm 7000 output at that figure 42ps
- 252. Maximum torque 5.2kg-m at 5300 rpm
- 253. Maximum speed of the car 130 km/hour miles / hour

255.



R=centre of camshaft.

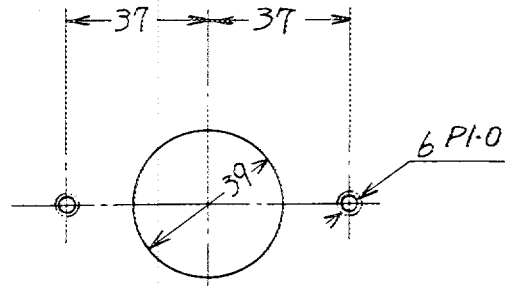
Inlet cam

S =	25.3	mm	0.998	inches
T =	16	mm	0.610	inches
U =	32	mm	1.259	inches

Exhaust cam

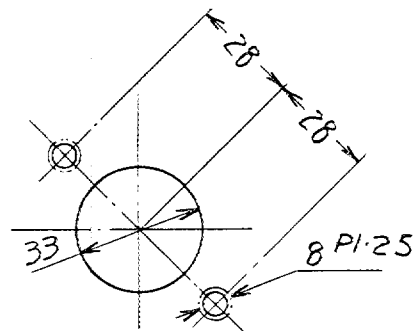
S =	24.8	mm	0.976	inches
T =	16	mm	0.610	inches
U =	32	mm	1.259	inches

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

DRIVE TRAIN

CLUTCH

260. Type of clutch Dry single plate 261. No. of plates 1
 262. Dia. of clutch plates 16.5 cm inches
 263. Dia. of linings, inside 11.0 cm in. outside 16.5 cm in.
 264. Method of operating clutch Mechanical

GEAR BOX (photograph H)

270. Manual type, make HONDA Method of operation Mechanical
 271. No. of gear-box ratios forward 4 272. Synchronized forward ratios
 273. Location of gear-shift Dash-board
 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
1	5.18	41/20	43/17						
2	2.32	41/20	26/23						
3	2.05	41/20	30/30						
4	1.46	41/20	25/35						
5									
6									
reverse	5.00	41/20	39/16						

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 Bevel gear
 292. Type of limited slip differential (if fitted)
 293. Final drive ratio 3.04
 Number of teeth 82/27

Make HONDA MOTOR CO., LTD.

Model HONDA N600

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 to be stated together with reference number.

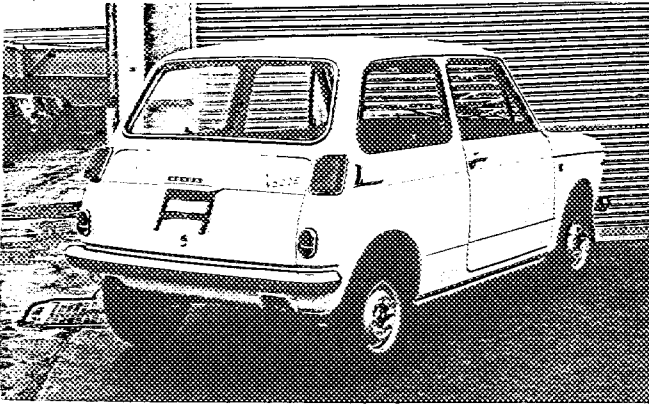
Make HONDA MOTOR CO., LTD.

Model HONDA N600

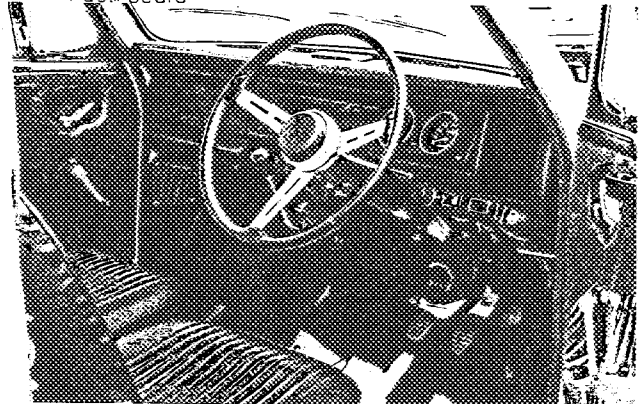
F.I.A. Rec. No.

Photograph

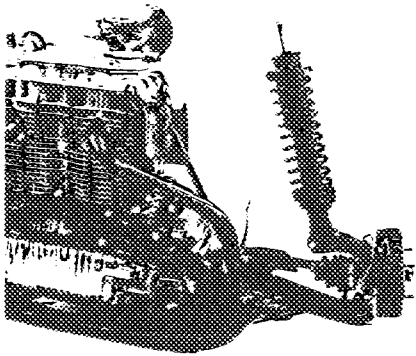
B, 3/4 view of car from rear



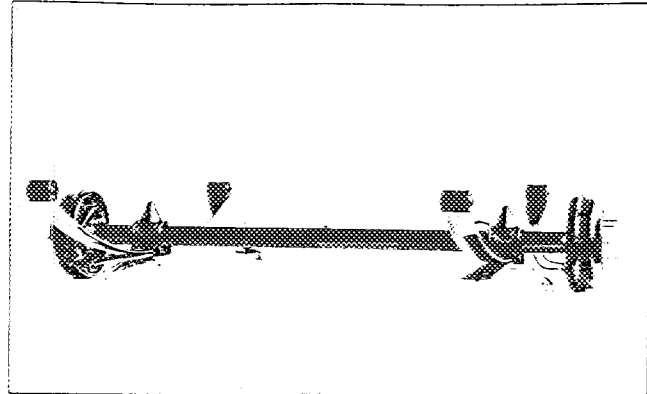
C, interior view of car through driver's door (open or removed) with dashboard



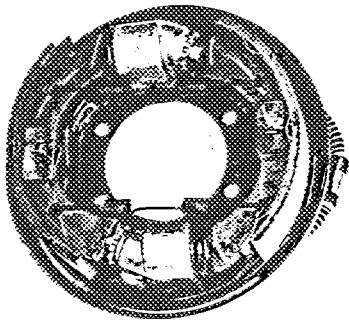
D, front axle complete, removed from car. Without wheels.



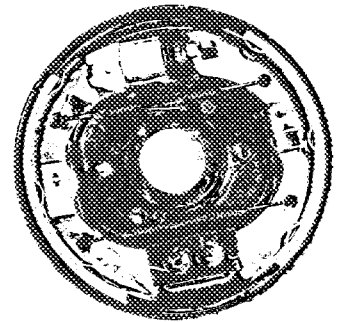
E, Rear axle complete without wheels, removed from car.



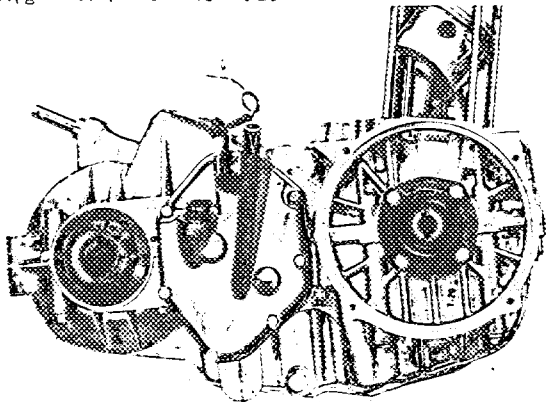
F, front brake, drum removed or disc with calipers



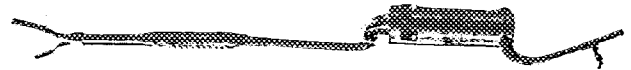
G, rear brake, drum removed or disc with calipers



H, gear-box, view from side



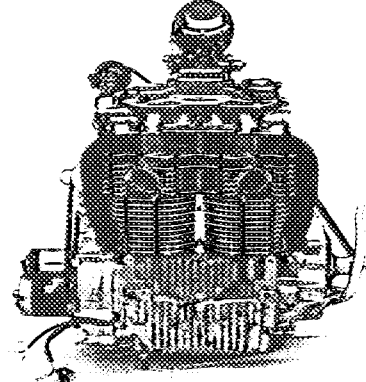
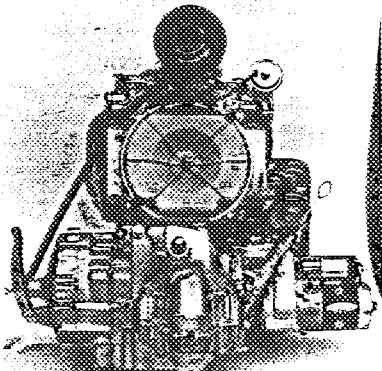
I, silencer + exhaust pipes after exhaust manifold.



E

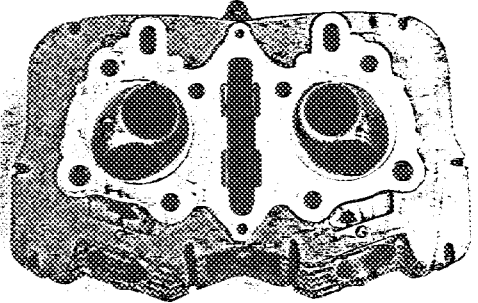
Make HONDA MOTOR CO., LTD.
engine unit out of car, from right. With clutch and
accessories but without air filter nor gear-box.

Model HONDA N600 F.I.A. Rec. No
Photograph Engine unit out of car, from left. With clutch and ac-
cessories but without gear-box nor air filter.



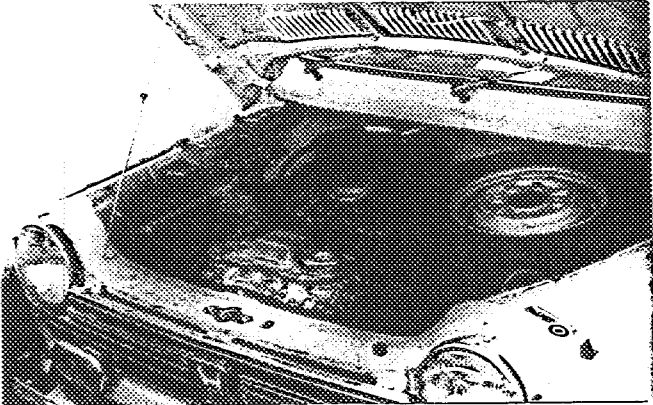
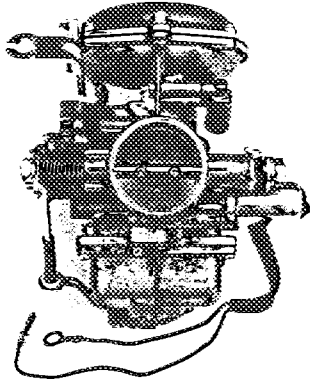
L, combustion chamber

M, piston crown



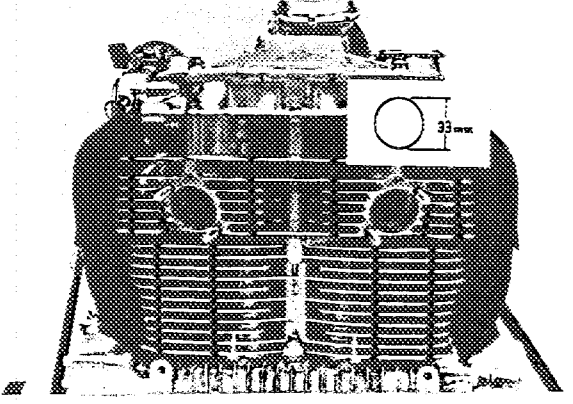
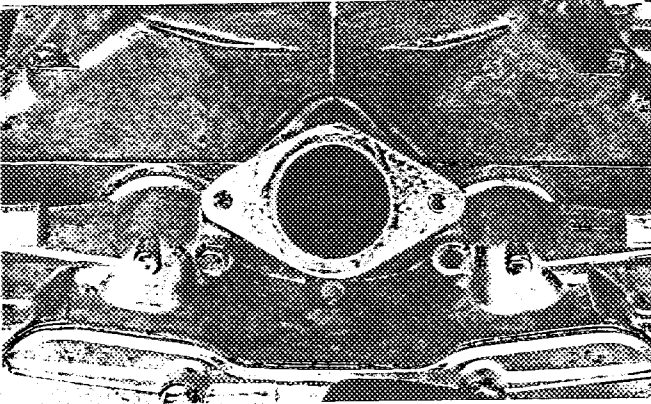
N, Carburettor (view from side of manifold)

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



P, inlet manifold

Q, exhaust manifold





JAPAN AUTOMOBILE FEDERATION F.I.A. Homol. No

5234 / 1/15
GR II

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

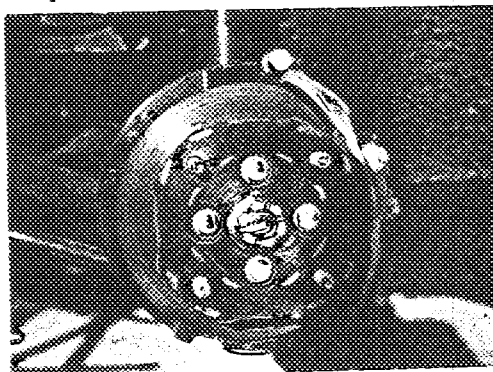
Make HONDA Model HONDA N600
Modification's application starts with serial No. chassis N600-1000001
Application of this amendment started the engine N600E-1000001
Commercial denomination after application of modifications
The modifications are to be considered as: Variant / ~~XXXXXXXXXXXXXXXXXXXX~~
Date amendment is valid from 1/4/70 List 70/4

Description of amendment

Optional Equipment

Front Disc Brakes (Provided that it shall be Group 2)

- 93. Number of Cylinders per wheel : 1
- 94. Bore of wheel cylinder : 42.87mm
- 100. Outside diameter : 182mm
- 101. Thickness of disc : 9.5mm
- 102. Length of brake linings : 52.4mm
- 103. Width of brake linings : 36mm
- 104. Number of pads per brake: 2
- 105. Total area per brake : 3,770mm²



Stamp and signature of
National Sporting Authority

Stamp and signature of F.I.A.

JAPAN AUTOMOBILE FEDERATION

庭山博史

Hiroshi Niwayama

Stamp and signature of F.I.A. (includes circular stamp and signature)