



JAPAN AUTOMOBILE FEDERATION

F. I. A. Recognition No.

5265

Group

1 - T serie

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Manufacturer NISSAN MOTOR CO., LTD.

Serial No. of chassis P510-000101

engine L16-000005

Recognition is valid from 1-1-69

Cylinder-capacity 1.595 cm³ 97.33 cu. in.

Model DATSUN BLUEBIRD P510

Manufacturer NISSAN

Manufacturer NISSAN

List 69/1

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

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.



Make

NISSAN

Model

P510

5265
F. I. A. Rec. No.

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

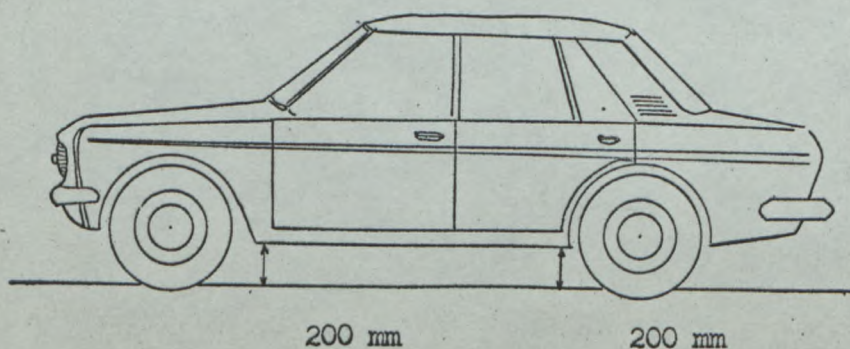
CAPACITIES AND DIMENSIONS

1. <u>Wheelbase</u>	2,420	mm	95.3	inches
2. <u>Front track</u>	1,280	mm	50.4	inches *
3. <u>Rear track</u>	1,280	mm	50.4	inches *
4. Overall length of the car	407.0	cm		inches
5. Overall width of the car	156.0	cm		inches
6. Overall height of the car	140.0	cm		inches
7. <u>Capacity of fuel tank</u> (reserve included)			46	ltrs
	12.1	Gallon US		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:				
	875	kg	1,907	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.

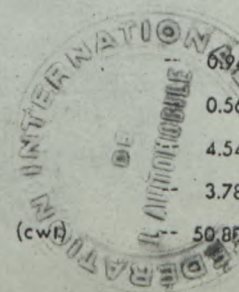
These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.



CONVERSION TABLE

1 inch / pouce	--	2.54 cm
1 foot / pied	--	30.4794 cm
1 square inch / pouce carré	--	6.452 cm ²
1 cubic inch / pouce cube	--	16.387 cm ³
1 pound / livre (lb)	--	453.593 gr.

1 quart US	--	0.9464 ltrs
1 pint (pt)	--	0.568 ltrs
1 gallon Imp.	--	4.546 ltrs
1 gallon US	--	3.785 ltrs
1 hundred weight (cwt)	--	50.802 kg



CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction : ~~separate~~ / unitary construction
21. Unitary construction, material (s) **Steel**
Separate construction
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~~ - no
39. Air-conditioning : ~~yes~~ - no
40. Ventilation : yes - ~~yes~~
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 x 2 kg lbs
43. Rear seats, type of seats and upholstery **Bench, vinyl**
44. Front bumper, material (s) **Steel** Weight **6.0** kg lbs
45. Rear bumper, material (s) **Steel** Weight **6.5** kg lbs

WHEELS

50. Type **Pressed steel**
51. Weight (per wheel, without tyre) **6.4** kg lbs
52. Method of attachment **Wheel nut (4 nuts)**
53. Rim diameter **330** mm **13** inches
54. Rim width **101** mm **4** inches

STEERING

60. Type **Recirculating ball**
61. Servo-assistance : ~~yes~~ - no
62. Number of turns of steering wheel from lock to lock **3.2**
63. In case of servo-assistance



SUSPENSION

70. Front suspension (photogr. D), type	Independent (Mc-pherson)
71. Type of spring	Coil
72. Stabiliser (if fitted)	Torsion bar
73. Number of shockabsorbers 2	74. Type Hydraulic telescopic
78. Rear suspension (photogr. E), type	Independent (Trailing arm)
79. Type of spring	Coil
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

	FRONT		REAR	
93. Number of cylinders per wheel	1		1	
94. Bore of wheel cylinder (s)	50.8 mm	in.	20.7 mm	in.
Drum brakes				
95. Inside diameter	mm	in.	228.6 mm	in.
96. Length of brake linings	mm	in.	219.5 mm	in.
97. Width of brake linings	mm	in.	40 mm	in.
98. Number of shoes per brake			2	
99. Total area per brake	mm ²	sq. in.	17,560 mm ²	sq. in.
Disc brakes				
100. Outside diameter	232 mm	in.	mm	in.
101. Thickness of disc	10 mm	in.	mm	in.
102. Length of brake linings	86 mm	in.	mm	in.
103. Width of brake linings	39.7 mm	in.	mm	in.
104. Number of pads per brake	2			
105. Total area per brake	6,828.4 mm ²	sq. in.	mm ²	sq. in.



Make NISSAN

Model P510

F.I.A. Rec. No.

ENGINE (photographs J and K)

130. Cycle	4	131. Number of cylinders	4
132. Cylinder arrangement	In line		
133. Bore	83 mm	134. Stroke	73.7 mm
	3.27 in.		2.90 in.
135. Capacity per cylinder	399 cm ³		24.35 cu. in.
136. Total cylinder-capacity	1,595 cm ³		97.33 cu. in.
137. Material (s) of cylinder block	Cast iron		
138. Material (s) of sleeves (if fitted)			
139. Cylinder-head, material (s)	Al-cast	Number fitted	1
140. Number of inlet ports	4	141. Number of exhaust ports	4
142. Compression ratio	8.5		
143. Volume of one combustion chamber	38 cm ³		cu. in.
144. Piston, material	Al-alloy	145. Number of rings	3
146. Distance from gudgeon pin centre line to highest point of piston crown	38 mm		inches
147. Crankshaft : rodless / stamped		148. Type of crankshaft : integral / xxxxxxx	
149. Number of crankshaft main bearings	5		
150. Material of bearing cap	Cast iron		
151. System of lubrication : dry sump / oil in sump			
152. Capacity, lubricant	4.8 ltrs		pts quarts US
153. Oil cooler : yes / no		154. Method of engine cooling	Water
155. Capacity of cooling system	6.8 ltrs		pints quarts US
156. Cooling fan (if fitted), dia.	33 cm		inches
157. Number of blades of cooling fan	4		

Bearings

158. Crankshaft main, type	Plain	Dia.	55 mm	in.
159. Connecting rod big end,	Plain	Dia.	50 mm	in.

Weights

160. Flywheel (clean)	11.5 kg	lbs
161. Flywheel with clutch (all turning parts)	14 kg	lbs
162. Crankshaft	13.7 kg	lbs
163. Connecting rod	0.63 kg	lbs
164. Piston with rings and pin	0.47 kg	lbs



Make

NISSAN

Model

P510

F. I. A. Rec. No.

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 **Al-cast**
 181. Diameter of valves **38** mm **1.5** inches
 182. Max. valve lift **10** mm **0.39** 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) **0.2** mm inches
 187. Valves open at (with tolerance for tappet clearance indicated) **B.T.D.C. $12^{\circ} \pm 7^{\circ}$**
 188. Valves close at (with tolerance for tappet clearance indicated) **A.B.D.C. $48^{\circ} \pm 7^{\circ}$**
 189. Air filter, type **Dry**

EXHAUST (see page 8)

195. Material (s) of exhaust manifold **Cast iron**
 196. Diameter of valves **33** mm **1.3** inches
 197. Max. valve lift **10** mm **0.39** 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) **0.25** mm inches
 202. Valves open at (with tolerance for tappet clearance indicated) **B.B.D.C. $50^{\circ} \pm 7^{\circ}$**
 203. Valves close at (with tolerance for tappet clearance indicated) **A.T.D.C. $8^{\circ} \pm 7^{\circ}$**

CARBURETION (photograph N)

210. Number of carburetors fitted **1** 211. Type **Down draft**
 212. Make **HITACHI** 213. Model **DAF 328**
 214. Number of mixture passages per carburetor **2**
 215. Flange hold diameter of exit port(s) of carburettor **P 28** mm in.
 216. Minimum dimensions of mixture passage(s) **S 32** mm
P 24 mm
S 28 mm

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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Model

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5265

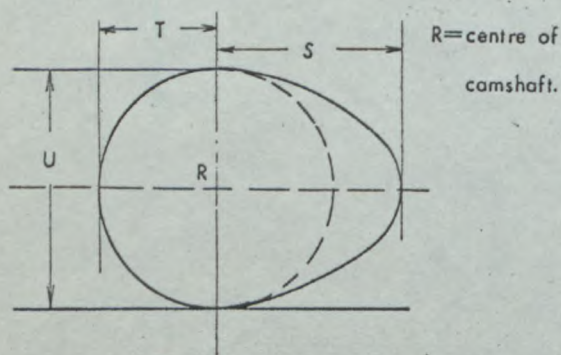
ENGINE ACCESSORIES

230. Fuel pump : mechanical and / ~~vacuum~~
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: ~~dyna~~/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 92 (type of horsepower: JIS) at 6,000 rpm
251. Maximum rpm 6,500 output at that figure 87
252. Maximum torque 13.2 at 3,600 rpm
253. Maximum speed of the car 160 km/hour miles / hour

255.



Inlet cam

S =	23.5	mm	0.925	inches
T =	16.5	mm	0.650	inches
U =	33.3	mm	1.312	inches

Exhaust cam

S =	23.5	mm	0.925	inches
T =	16.5	mm	0.650	inches
U =	33.3	mm	1.312	inches



Make

NISSAN

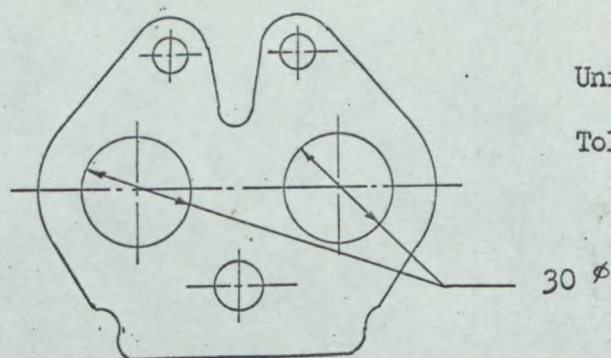
Model

P510

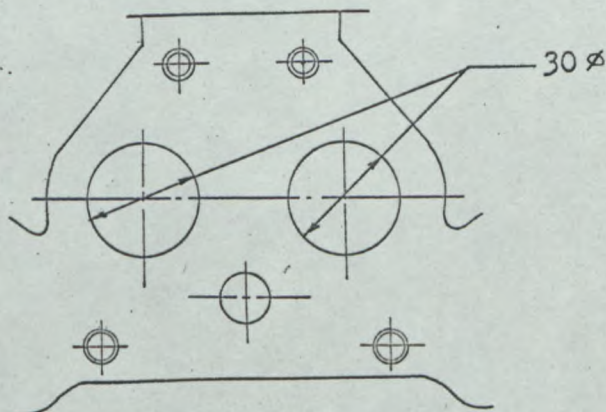
F. I. A. Rec. No.

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

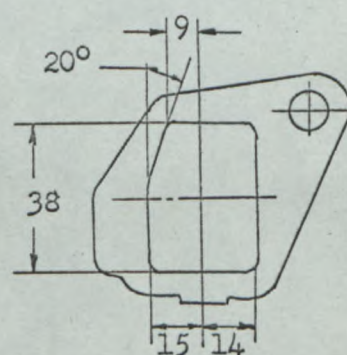
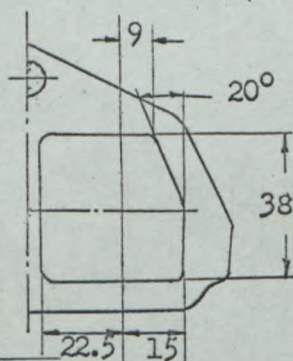
Unit; mm

Tolerance; ± 1.5 

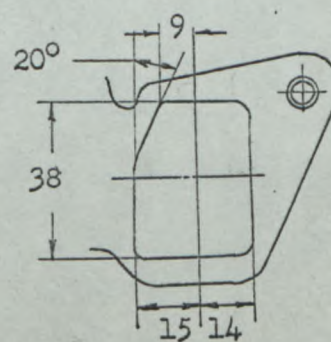
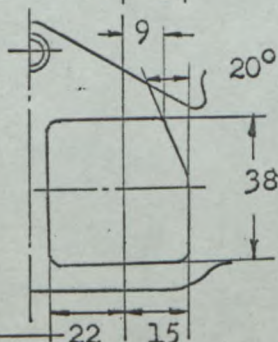
Drawing of entrance to inlet port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



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.



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NISSAN

Model

P510

F.I.A. Rec. No.

DRIVE TRAIN**CLUTCH**

260. Type of clutch Dry single plate 261. No. of plates 1

262. Dia. of clutch plates 20.2 cm inches

263. Dia. of linings, inside 13.0 cm in. outside 20.0 cm in.

264. Method of operating clutch Hydraulic

GEAR BOX (photograph H)

270. Manual type, make NISSAN 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

274. Automatic, make Borg Warner type AS18-35EC

275. No. of forward ratios 3 276. Location of gear-shift Steering column

277.	Manual			Automatic			Alternative manual		
	Ratio	No.	teeth	Ratio	No.	teeth	Ratio	No.	teeth
1	3.657	$\frac{32}{21} \times \frac{36}{15}$		2.393	$\frac{67}{17} \times \frac{17}{16} \times \frac{16}{28}$				
2	2.177	$\frac{32}{21} \times \frac{30}{21}$		1.450	$(\frac{32}{16} \times \frac{16}{17} \times \frac{17}{28} + 1) \times (\frac{67}{32+67})$				
3	1.419	$\frac{32}{21} \times \frac{17}{29}$		1.000					
4	1.000								
5									
6									
reverse	3.638	$\frac{32}{21} \times \frac{18}{21} \times \frac{39}{14}$		2.094	$\frac{67}{17} \times \frac{17}{32}$				

278. Overdrive, type

279. Forward gears on which overdrive can be selected

280. Overdrive ratio

FINAL DRIVE

290. Type of final drive Hypoid gear

291. Type of differential Bevel gear

292. Type of limited slip differential (if fitted)

293. Final drive ratio 3.700 3.900

Number of teeth 37/10 39/10



Make

NISSAN

Model

P510

F. I. A. Rec. No.

5265

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 preceeding information. This to be stated together with reference number.

Two door sedan



The model produced on the same line as four door sedan



Make

NISSAN

Model

P510

F.I.A. Rec. No.

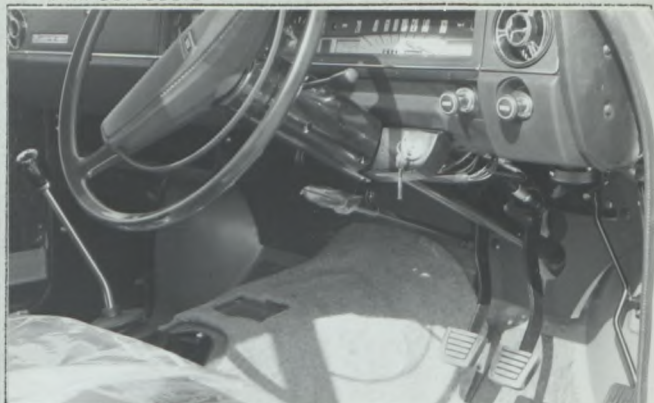
5265

Photograph

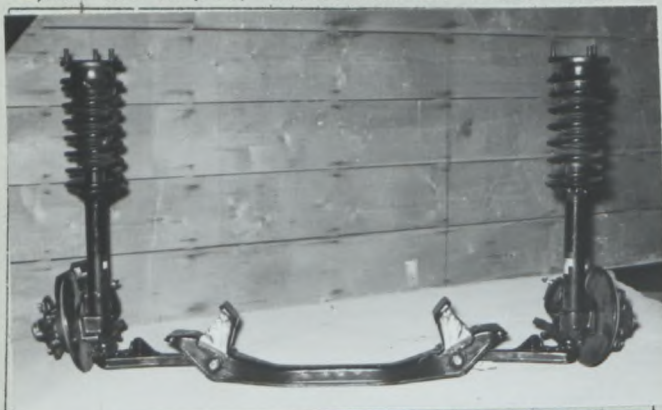
B, 3/4 view of car from rear



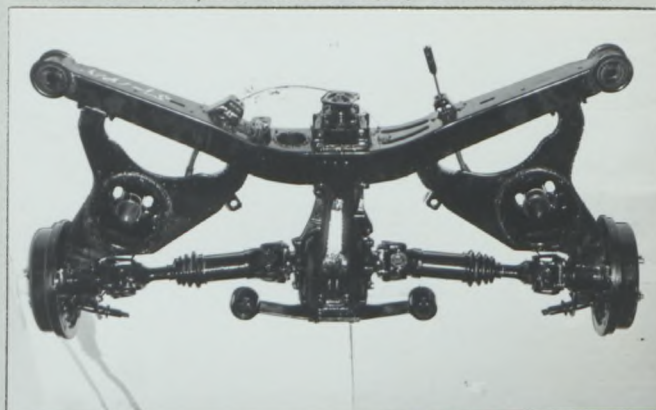
C, interior view of car through driver's door (open or removed) with dashboard



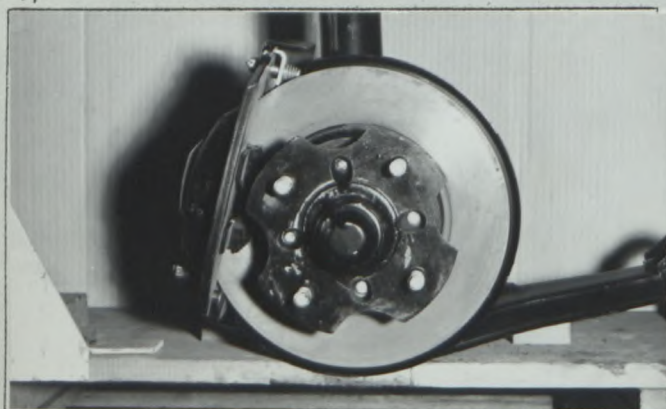
D, front axle complete, removed from car. Without wheels.



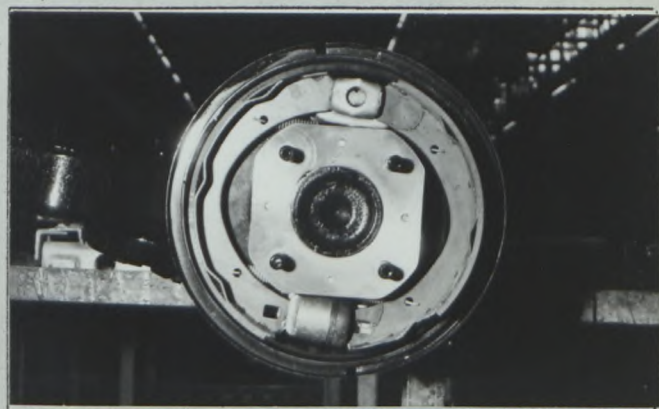
E, Rear axle complete without wheels, removed from car.



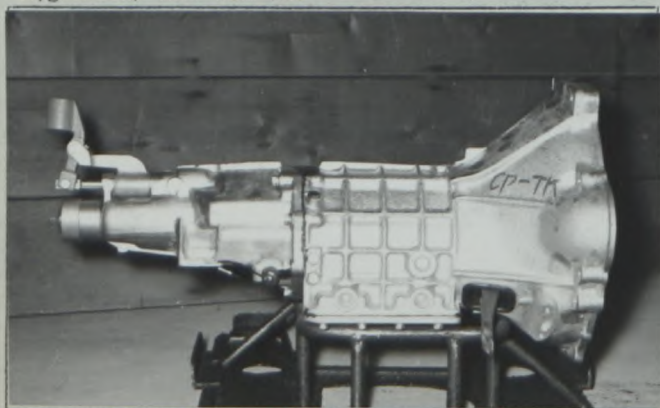
F, front brake, drum removed or disc with caliper(s)



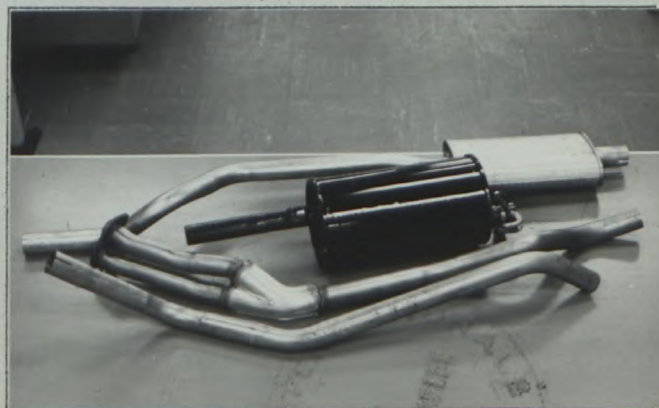
G, rear brake, drum removed or disc with caliper(s)



H, gear-box, view from side



I, silencer + exhaust pipes after exhaust manifold.



Make NISSAN

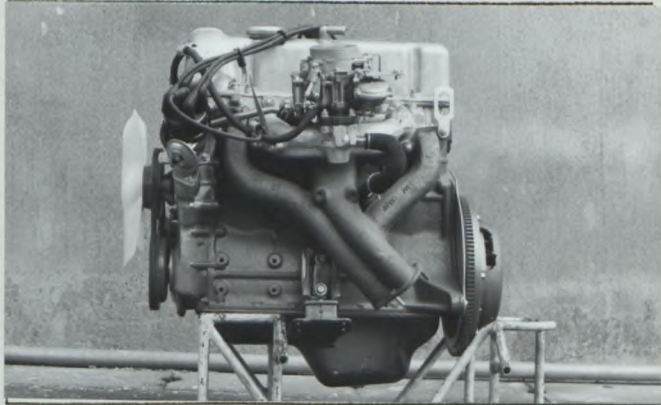
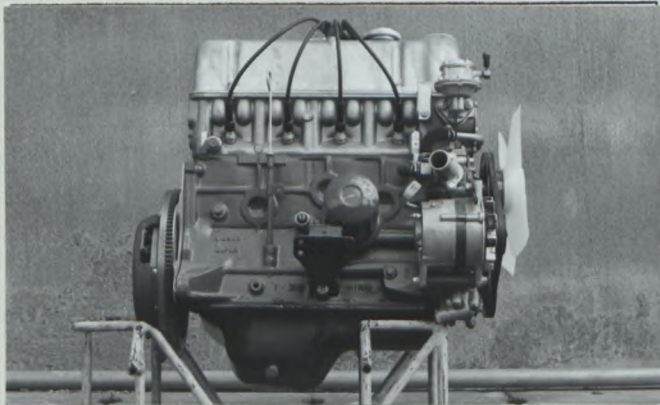
Model P510

F.I.A. Rec. No

Photograph

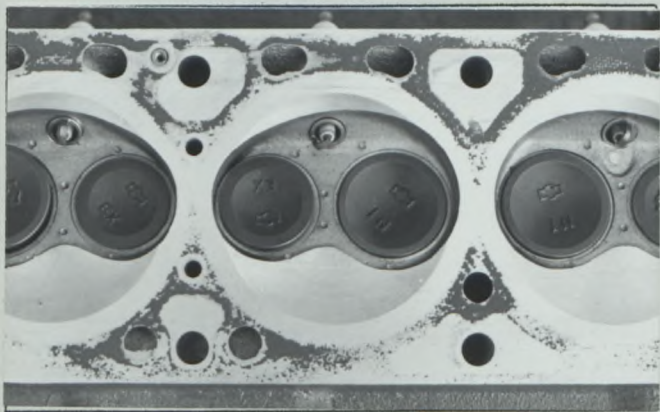
engine unit out of car, from right. With clutch and J, accessories but without air filter nor gear-box.

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



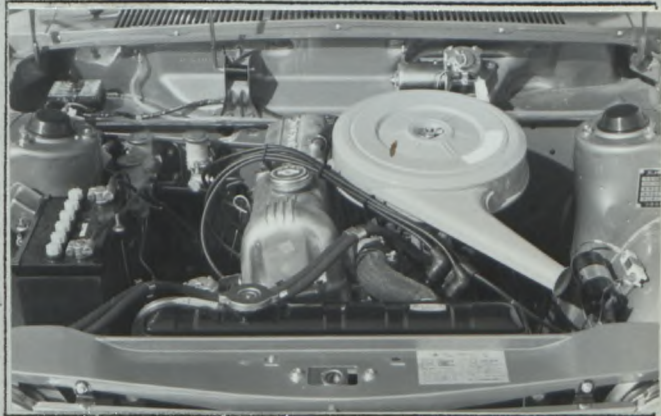
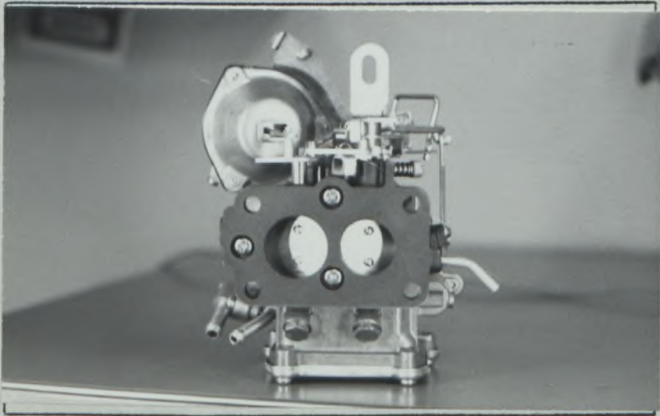
L, combustion chamber

M, piston crown



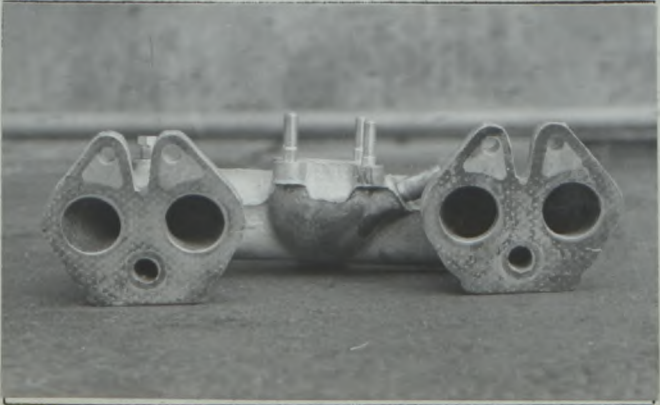
N, Carburettor (view from side of manifold)

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



P, inlet manifold

Q, exhaust manifold



Make NISSAN

Model P510

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 port mm in. 304. Area mm² sq. in.
305. Exhaust ports, length measured around cylinder wall mm inches
306. Height exhaust port mm in. 307. Area mm² sq. in.
308. Transfer port, length measured around cylinder wall mm inches
309. Height transfer port 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

Yasuharu Nanba





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

5265/1/1E

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make NISSAN

Model P510

Modification's application starts with serial

No. chassis P510-000101
engine L16-000005

Application of this amendment started the July 1969

Commercial denomination after application of modifications Aug. 1969

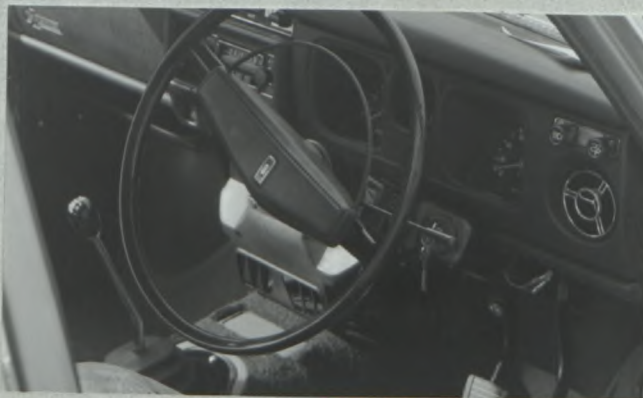
The modifications are to be considered as: ~~Modification~~ normal evolution of the type

Date amendment is valid from 1/1/70 List 70/1

Description of amendment

The following item have been added

Photograph C Interior view



Stamp and signature of
National Sporting Authority

JAPAN AUTOMOBILE FEDERATION

Kazunari Komotori

Stamp and signature of F. I. A.





JAPAN AUTOMOBILE FEDERATION

社団 日本自動車連盟
法人

J.A.F.公認番号 T-100E2
発効年月日 71.5月末日

F.I.A. Homol. No 5265/2/2E

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	NISSAN MOTOR CO., LTD.	Model	P510 (DATSUN 1600)
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 P510-000101
		engine	適用エンジン番号 L16-000005
Application of this amendment started the	Aug. 1970		
適用年月日			
Commercial denomination after application of modifications	Sep. 1970		
The modifications are to be considered as:	Variant / normal	evolution of the type	
	変型 / 正常進化		
Date amendment is valid from	1/7/71	List	71/7

Description of amendment 内容

Photograph

A, 3/4 view of car from front



B, 3/4 view of car from rear



C, Interior view



I, Silencer



Stamp and signature of the JAF

JAF公認印及び署名

難波靖治

Yasuharu Nanba

Stamp and signature of the F.I.A.

