JAPAN AUTOMOBILE FEDERATION

F. I. A. Recognition No. 1495
Group 2 - Touring

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 B10-037476
engine A10-081377

Recognition is valid from 1st November 1967

Cylinder-capacity 988 cm3 60.29 cu. in.

Model DATSUN SUNNY B(L)10

Manufacturer NISSAN

Manufacturer NISSAN

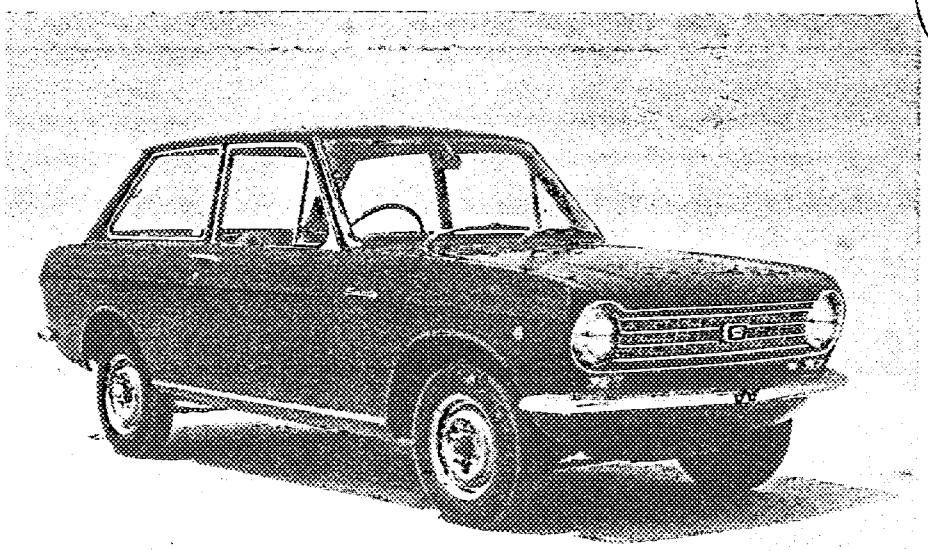
List 16/1

The manufacturing of the model described in this recognition form was started on Mar. 1967 and the minimum production of 1,000 identical cars, in accordance with the specifications of this form was reached on May 1967

JAPAN AUTOMOBILE FEDERATION

東京都港区芝公園第三号地一番
社団法人 日本自動車連盟
機械振興会館内

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	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

Normal evolution of the type

Stamp and signature of the National Sporting Authority

Stamp and signature of the F. I. A.

Make NISSAN Model. B(L)10 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 coversion table hereafter.

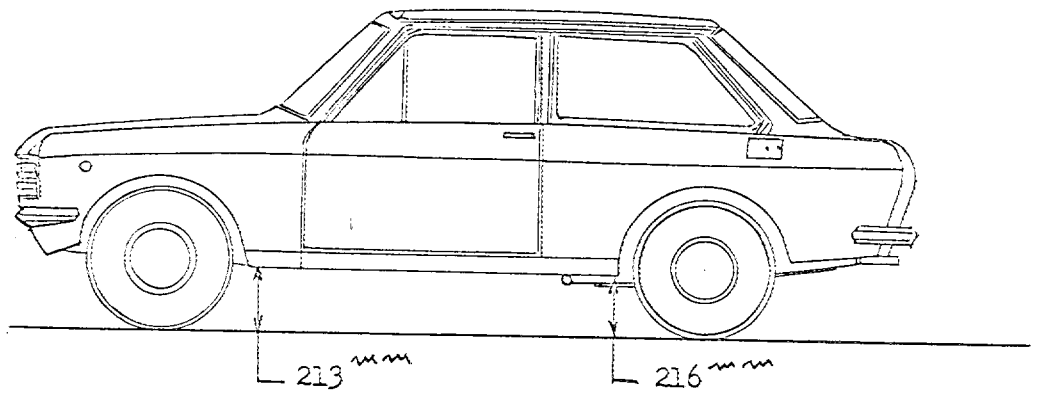
CAPACITIES AND DIMENSIONS

1. Wheelbase	2,280	mm		89.8	inches	
2. Front track	1,190	mm		46.8	inches	*
3. Rear track	1,180	mm		46.4	inches	*
4. Overall length of the car			380.0	cm		inches
5. Overall width of the car			144.5	cm		inches
6. Overall height of the car			134.5	cm		inches
7. Capacity of fuel tank (reserve included)					36.8	ltrs
	9.75	Gallon US				Gallon Imp.
8. Seating capacity	5					
9. Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:						
	605	kg	1,334	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

Make NISSAN Model B(L)10 F.I.A. Rec. No.

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis / body construction : ~~xxxxxx~~ / 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 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 Vertical, 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 - ~~xx~~
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 :

7 x 2 kg lbs

43. Rear seats, type of seats and upholstery Bench, vinyl
44. Front bumper, material (s) Steel Weight 5.3 kg lbs
45. Rear bumper, material (s) Steel Weight 5.0 kg lbs

WHEELS

50. Type Pressed steel
51. Weight (per wheel, without tyre) 4.2 kg lbs
52. Method of attachment Wheel nut (4 nuts)
53. Rim diameter 305 mm 12 inches
54. Rim width 89 mm 3.5 inches
102 mm 4 inches

STEERING

60. Type Recirculating ball
61. Servo-assistance : ~~xx~~ - no
62. Number of turns of steering wheel from lock to lock 3.4
63. In case of servo-assistance

Make NISSAN Model B(L)10 F. I. A. Rec. No.

SUSPENSION

70. Front suspension (photogr. D), type: Independent by transverse leaf spring and wishbone
71. Type of spring: Leaf
72. Stabiliser (if fitted)
73. Number of shockabsorbers: 2
74. Type: Hydraulic telescopic
78. Rear suspension (photogr. E), type: Rigid axle case and semi elliptical leaf spring
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		
93. Number of cylinders per wheel	2			1		
94. Bore of wheel cylinder (s)	20.6	mm	in.	20.6	mm	in.
Drum brakes						
95. Inside diameter	- 203.2	mm	in.	203.2	mm	in.
96. Length of brake linings	195	mm	in.	195	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	13,650	mm^2	sq. in.	13,650	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 NISSAN Model B(L)10 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 73 mm 2.87 in. 134. Stroke 59 mm 2.32 in.

135. Capacity per cylinder 247 cm³ 15.07 cu. in.

136. Total cylinder-capacity 988 cm³ 60.29 cu. in.

137. Material (s) of cylinder block Cast iron

138. Material (s) of sleeves (if fitted)

139. Cylinder-head, material (s) Al-alloy Number fitted 1

140. Number of inlet ports 4 141. Number of exhaust ports 4

142. Compression ratio 8.5 : 1

143. Volume of one combustion chamber 25.1 cm³ 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

32.5 mm inches

147. Crankshaft : ~~xxxxxx~~/ stamped 148. Type of crankshaft : integral / ~~xxxxxx~~

149. Number of crankshaft main bearings 3

150. Material of bearing cap Cast iron

151. System of lubrication : ~~xxxxxx~~ / oil in sump

152. Capacity, lubricant 3.1 ltrs pts quarts US

153. Oil cooler : ~~xxx~~ / no 154. Method of engine cooling Water

155. Capacity of cooling system 3.8 ltrs pints quarts US

156. Cooling fan (if fitted), dia. 28 cm inches

157. Number of blades of cooling fan 4

Bearings

158. Crankshaft main, type Plain : Dia. 50 mm in.

159. Connecting rod big end, Plain Dia. 48 mm in.

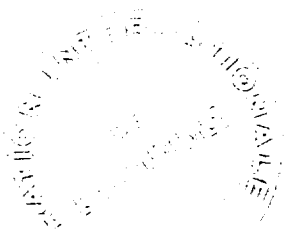
Weights

160. Flywheel (clean) 8.0 kg lbs

161. Flywheel with clutch (all turning parts) 11.0 kg lbs

162. Crankshaft 10.0 kg lbs 163. Connecting rod 0.41 kg lbs

164. Piston with rings and pin 0.34 kg lbs



Make NISSAN Model B(L)10 F.I.A. Rec. No.

FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location Cylinder block
172. Type of camshaft drive Chain
173. Type of valve operation Push rod

INLET (see page 4) *

180. Material(s) of inlet manifold Al-cast
181. Diameter of valves 35 mm 1.38 inches
182. Max. valve lift 8 mm 0.31 in. 183. Number of valve springs 1
184. Type of spring Coil 185. Number of valves per cylinder 1
186. Tappet clearance for checking timing (cold) 0.5 mm inches
187. Valves open at (with tolerance for tappet clearance indicated) B. T. D. C. 10° ±7°
188. Valves close at (with tolerance for tappet clearance indicated) A. B. D. C. 40° ±7°
189. Air filter, type Dry

EXHAUST (see page 4)

195. Material (s) of exhaust manifold Cast iron
196. Diameter of valves 29 mm 1.14 inches
197. Max. valve lift 8 mm 0.31 in. 198. Number of valve springs 1
199. Type of spring Coil 200. Number of valves per cylinder 1
201. Tappet clearance for checking timing (cold) 0.5 mm inches
202. Valves open at (with tolerance for tappet clearance indicated) B. B. D. C. 50° ±7°
203. Valves close at (with tolerance for tappet clearance indicated) A. T. D. C. 10° ±7°

CARBURETION (photograph N)

210. Number of carburettors fitted 1 211. Type Down draft
212. Make HITACHI 213. Model DCG 286-1
214. Number of mixture passages per caburettor 2
215. Flange hold diameter of exit port(s) of carburetteor Primary 26 mm Secondary 28 mm in.
216. Minimum dimensions of mixture pasage (s) ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
Primary 20 mm inches
Secondary 24

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

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

Make NISSAN Model B(L)10 F. I. A. Rec. No.

ENGINE ACCESSORIES

230. Fuel pump : mechanical ~~XXXXXXXXXXXXXX~~ 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, ~~XXXXXXXXX~~/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)

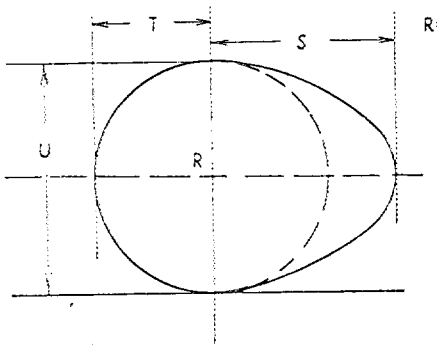
250. Max. engine output 56 PS (type of horsepower: JIS) at 6,000 rpm

251. Maximum rpm 6,400 output at that figure 54 PS

252. Maximum torque 7.7kg-m at 3,600 rpm

253. Maximum speed of the car 135 km / hour miles / hour

255.

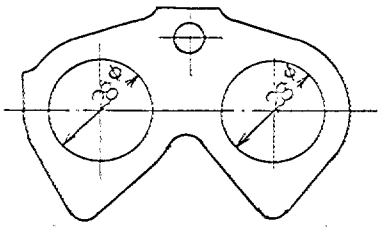


R = centre of camshaft.

Inlet cam				
S =	20.9	mm		inches
T =	15.6	mm		inches
U =	31.2	mm		inches
Exhaust cam				
S =	20.9	mm		inches
T =	15.6	mm		inches
U =	31.2	mm		inches

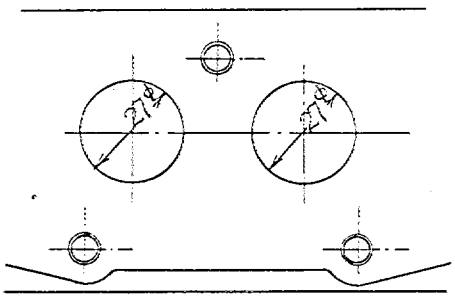
Make NISSAN Model B(L)10 F. I. A. Rec. No.

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

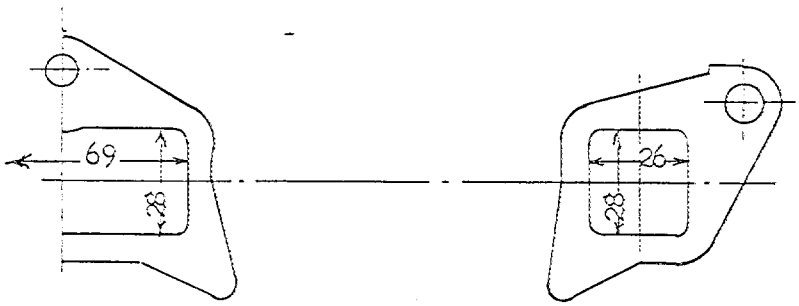


Dimension; mm
Tolerance; ± 1.5

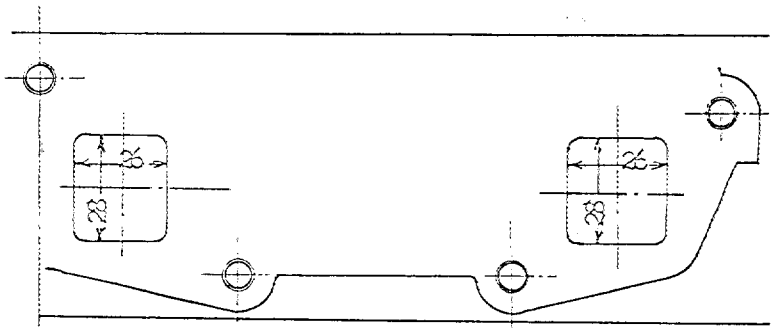
Drawing of entrance to inlet port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



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.



Make NISSAN Model B(L)10 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: 16 cm / inches
263. Dia. of linings, inside: 11 cm / in. outside: 16 cm / in.
264. Method of operating clutch: Mechanical

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 / type
275. No. of forward ratios
276. Location of gear-shift

277.	Manual Ratio	Manual No. teeth	Automatic Ratio	Automatic No. teeth	Alternative manual/~~BUDDECK~~ Ratio	Alternative manual/~~BUDDECK~~ No. teeth	Ratio	No. teeth
1	3.757	$\frac{29}{19} \times \frac{32}{13}$			3.380	$\frac{29}{19} \times \frac{31}{14}$		
2	2.169	$\frac{29}{19} \times \frac{27}{19}$			1.740	$\frac{29}{19} \times \frac{25}{22}$		
3	1.404	$\frac{29}{19} \times \frac{23}{25}$			1.000			
4	1.000							
5								
6								
reverse	3.640	$\frac{29}{19} \times \frac{17}{13} \times \frac{31}{17}$			3.640	$\frac{29}{19} \times \frac{17}{13} \times \frac{31}{17}$		

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: 4.111 4.375 4.625
Number of teeth: 37/9 35/8 37/8

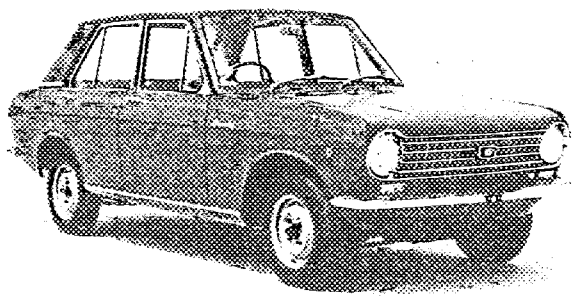
Make NISSAN Model B(L)10 F.I.A. Rec. No.

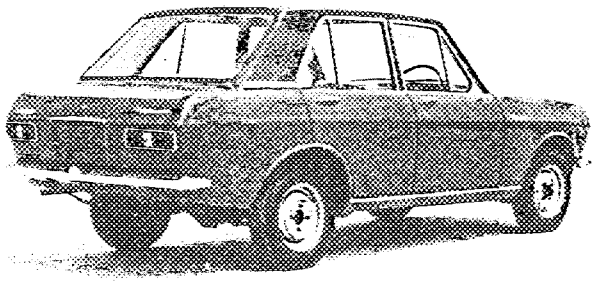
IMPORTANT- The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars) : 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 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 and N.

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

Four door sedan





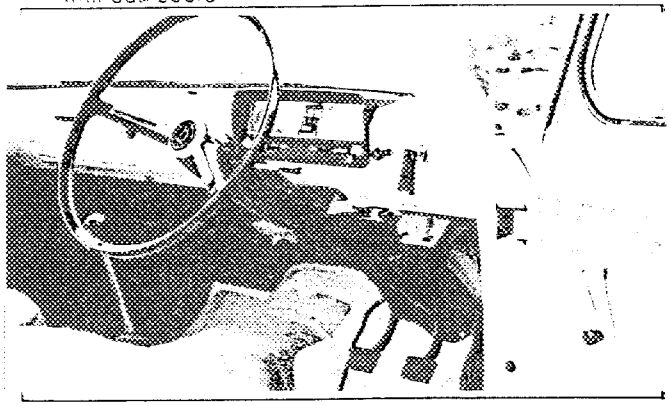
The model product on the same line as two door sedan

Make NISSAN Model B(L)10 F. I. A. Rec. No.

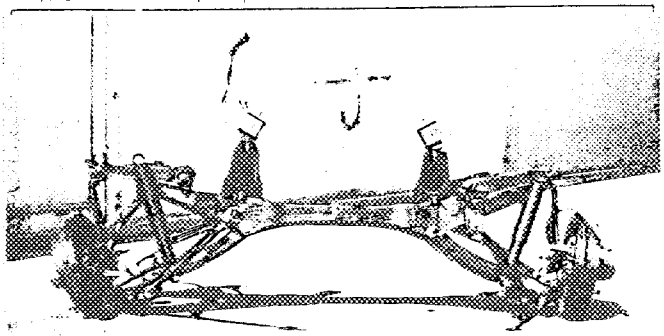
Photograph

B, 3/4 view of car from rear

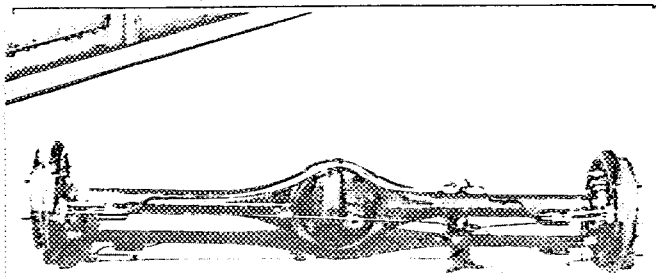
C, interior view of car through driver's door (open or removed) with dashboard



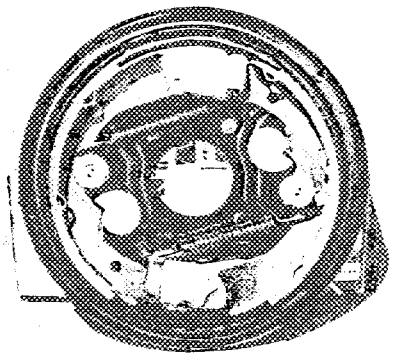
D, front axle complete, removed from car. Without wheels.



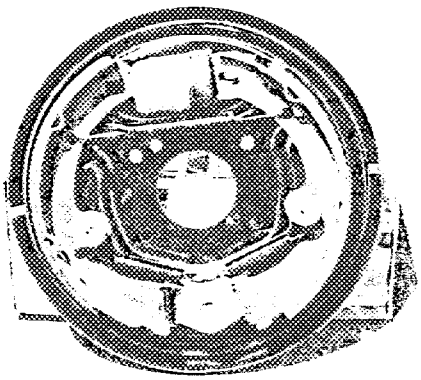
E, Rear axle complete without wheels, removed from car.



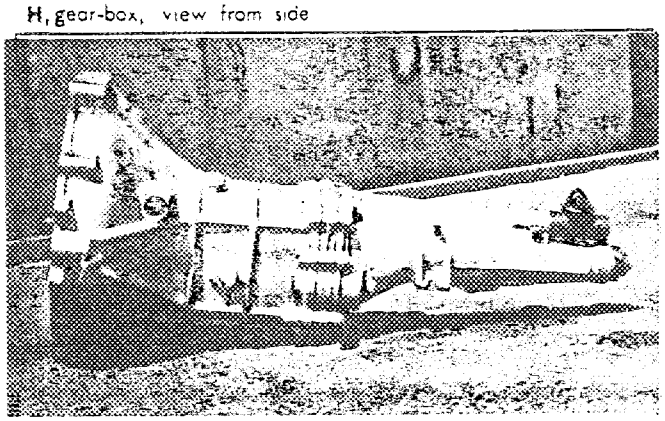
F, front brake, drum removed or disc with caliper(s)



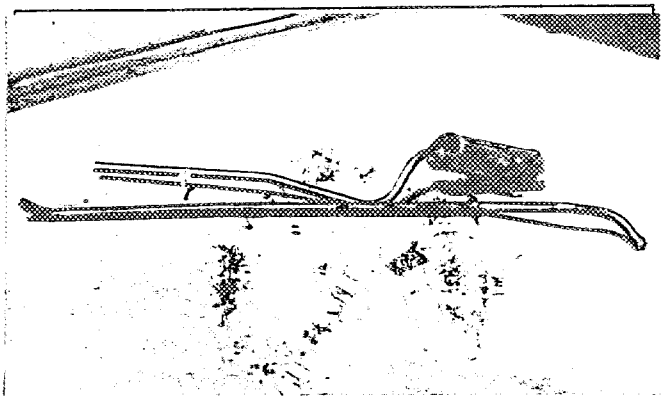
G, rear brake, drum removed or disc with caliper(s)



H, gear-box, view from side



I, silencer + exhaust pipes after exhaust manifold.



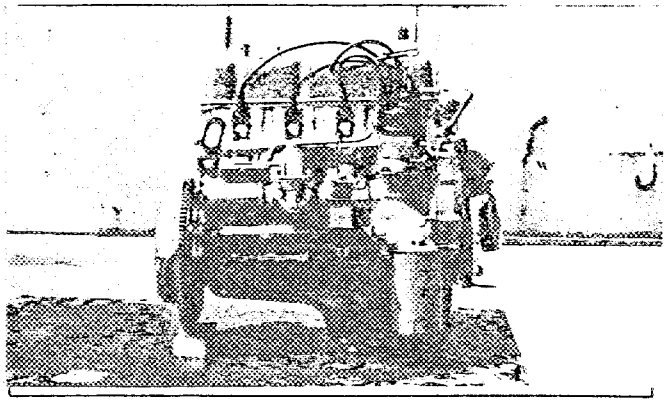
Make NISSAN

Model B(L)10

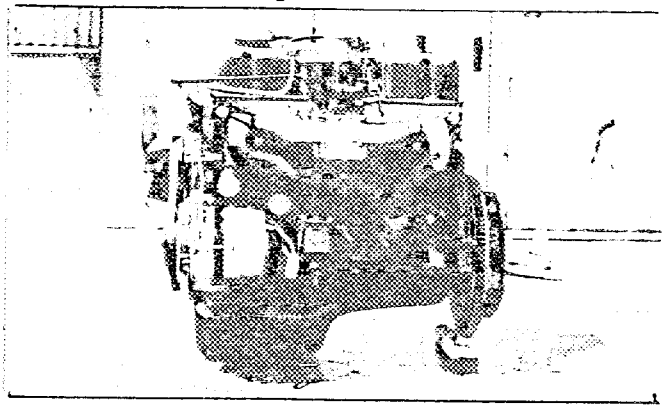
F. I. A. Rec. No

Photograph

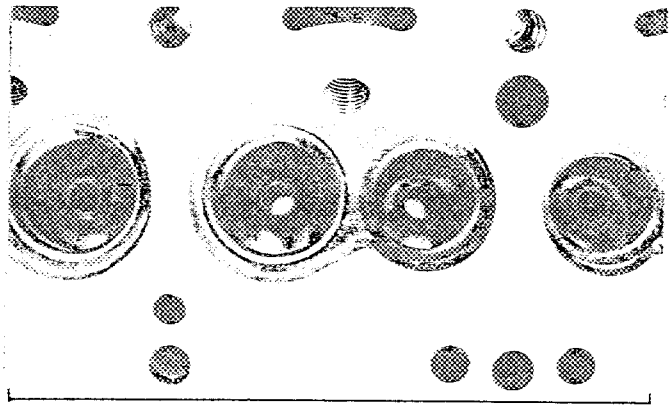
J, engine unit out of car, from right. With clutch and accessories but without air filter nor gear-box.



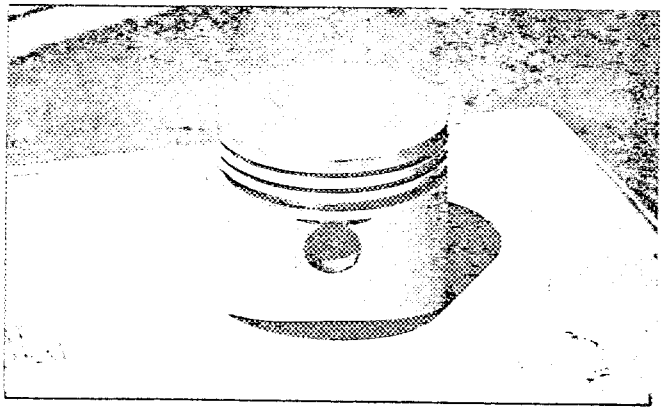
K, Engine unit out of car, from left. With clutch and accessories but without gear-box nor air filter.



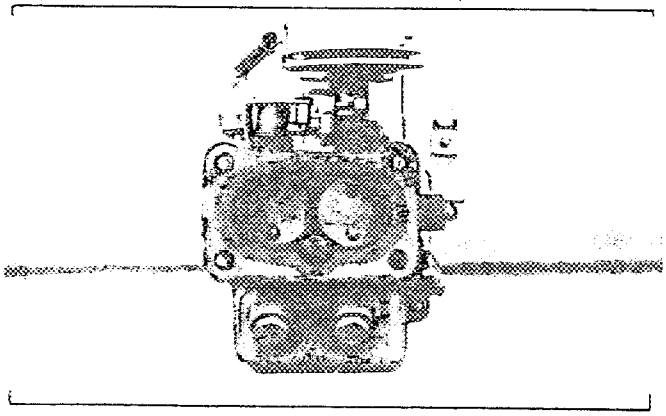
L, combustion chamber



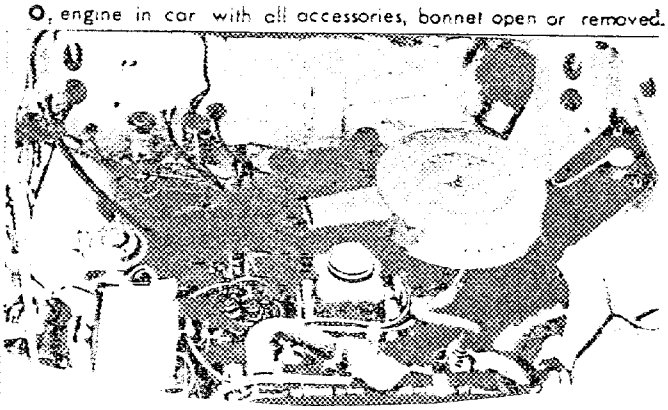
M, piston crown



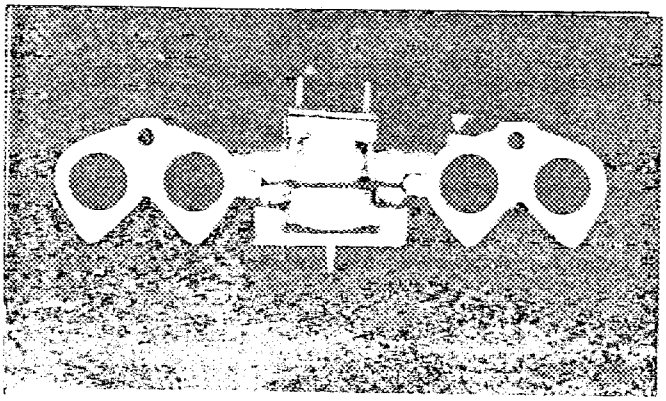
N, Carburettor (view from side of manifold)



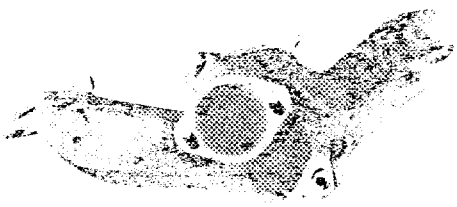
O, engine in car with all accessories, bonnet open or removed.



P, inlet manifold



Q, exhaust manifold



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Make NISSAN Model B(L)10 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 mm^2 sq. in.

305. Exhaust ports, length measured around cylinder wall mm inches

306. Height exhaust port mm in. 307. Area mm^2 sq. in.

308. Transfer port, length measured around cylinder wall mm inches

309. Height transfer port mm in. 310. Area. mm^2 sq. in.

311. Piston ports, length measured around piston mm inches

312. Height piston port mm in. 313. Area mm^2 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

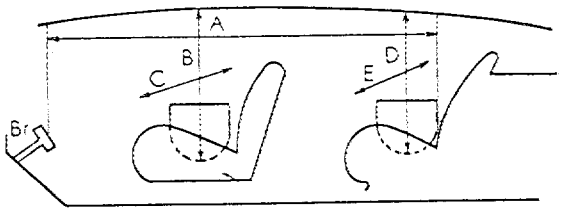
Kazunari Komotori

MAKE NISSAN MODEL B(L)10

DIMENSIONS OF INTERIOR

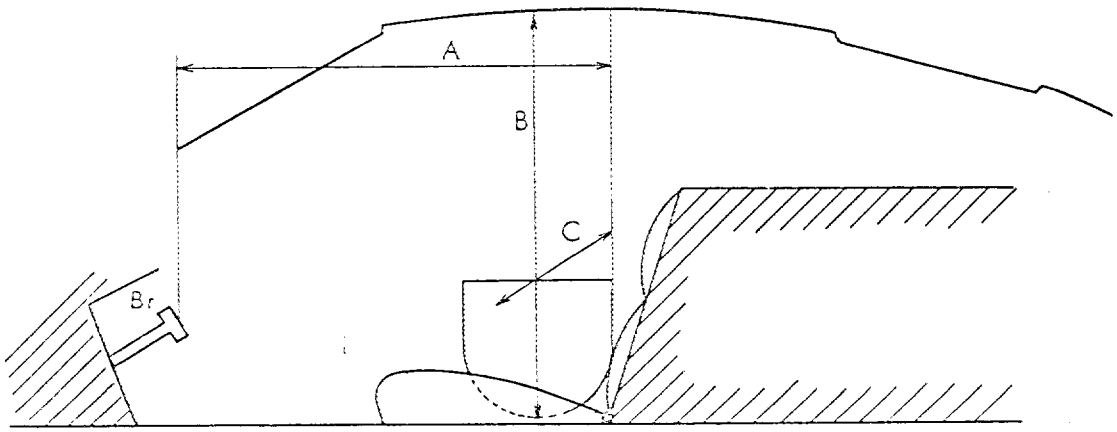
(Conform to Art. 253 b of Appendix J)

For four seaters :



Minimum Dimensions (cm)				
A	B	C	D	E
167	90	122	88	118

For two seaters :



Minimum Dimensions		
A	B	C

JAPAN AUTOMOBILE FEDERATION F.I.A. Homol. No 1495/1/1E

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make Nissan Motor Co., Ltd. Model B(L)10

Modification's application starts with serial No. chassis B10-080000
engine A10-131635

Application of this amendment started the Sep. 1967

Commercial denomination after application of modifications Oct. 1967

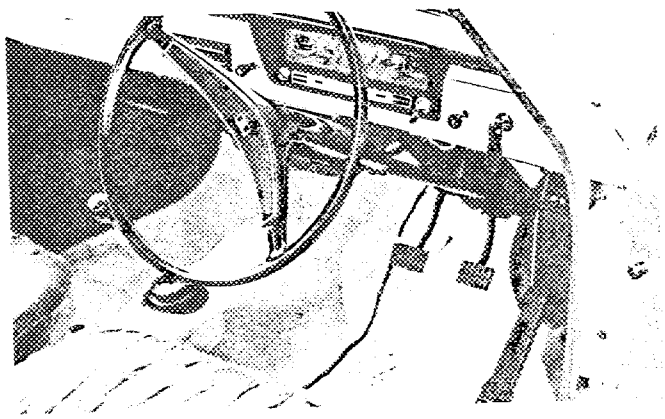
The modifications are to be considered as: ~~exceck~~/ normal evolution of the type

Date amendment is valid from 1/1/68 List 1968/1

Description of amendment

The following item have been supplemented.

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



JAPAN AUTOMOBILE FEDERATION

東京都港区芝公園第三号地一番五
機械振興会館内
社団法人 日本自動車連盟

Stamp and signature of
National Sporting Authority

JAPAN AUTOMOBILE FEDERATION

Kazunari Komotori

Stamp and signature of F.I.A.

JAPAN AUTOMOBILE FEDERATION F. I. A. Homol. No 1495/2/2 E

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make NISSAN **Model** B10

Modification's application starts with serial No. chassis B10-200021
engine A10-381471

Application of this amendment started the Sept. 1968

Commercial denomination after application of modifications Nov. 1968

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

Date amendment is valid from 1st Jan '69 List 1969/1

Description of amendment The following items have been added.

Photograph A
3/4 view of car from front

Photograph B
3/4 view of car from rear

Stamp and signature of
National Sporting Authority

JAPAN AUTOMOBILE FEDERATION

Yasuharu Nanba

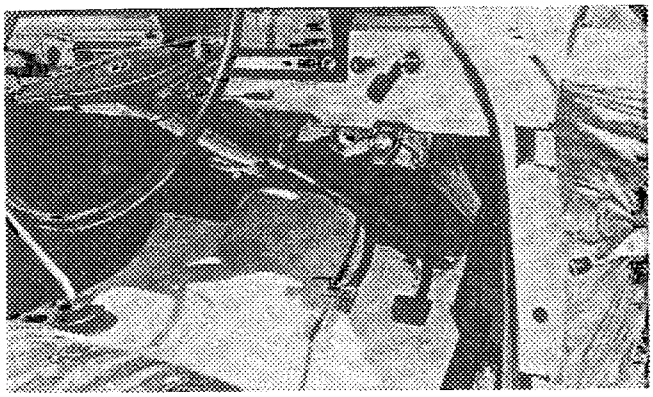
Stamp and signature of F. I. A.

F.I.A. Homol. No. 1495

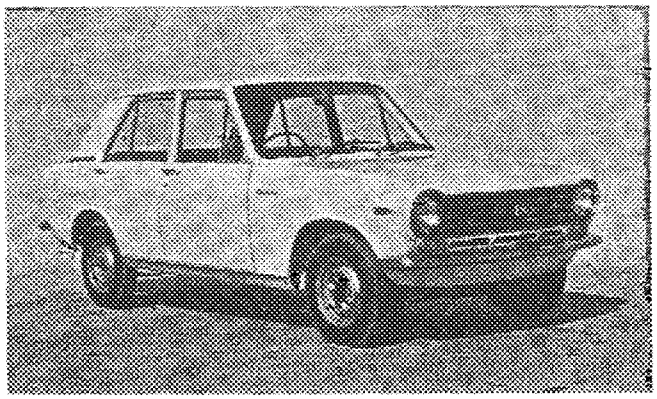
Make NISSAN Model B10

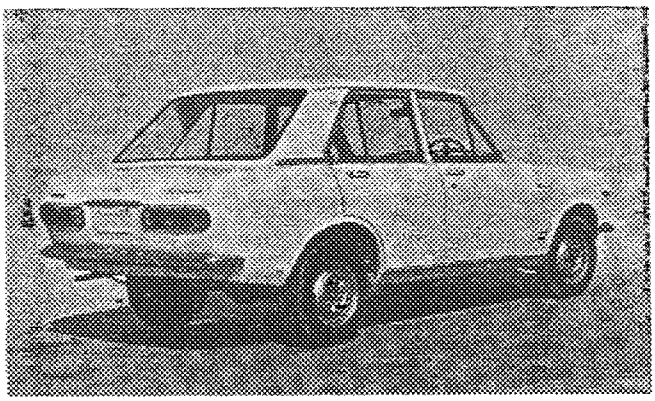
Photograph C

Interior view



Four door sedan





The model produced on the same line as two door sedan.