JAPAN AUTOMOBILE FEDERATION

F. I. A. Recognition No. 5373
Group 1

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 C30-000001
engine G18-000001

Recognition is valid from 1/1/71

Cylinder-capacity 1,815 cm3 110.8 cu. in.
Model DATSUN 1800 C30
Manufacturer NISSAN
Manufacturer NISSAN
List 71/1

The manufacturing of the model described in this recognition form was started on JUNE 1970 and the minimum production of 5,000 identical cars. in accordance with the specifications of this form was reached on JULY 1970

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

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 National Sporting Authority

Stamp and signature of the F. I. A.

Make NISSAN Model C30 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.

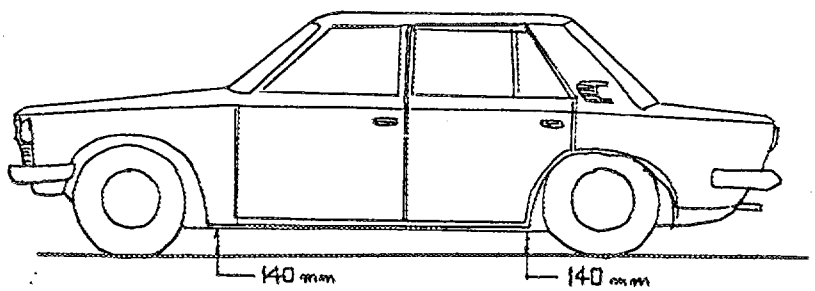
CAPACITIES AND DIMENSIONS

1. Wheelbase	2,620	mm	103,1	inches	
2. Front track	1,305	mm	51.4	inches	*
3. Rear track	1,300	mm	51.2	inches	*
4. Overall length of the car	429.0	cm		inches	
5. Overall width of the car	160.5	cm		inches	
6. Overall height of the car	140.5	cm		inches	
7. Capacity of fuel tank (reserve included)	13.5	Gallon US	51	ltrs	
				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:	930	kg	2,050	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 C30 F. I. A. Rec. No.

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis / body construction : ~~XXXXXXX~~ / 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 "
26. Material (s) of boot lid "
27. Material (s) of rear-window Glass
28. Material (s) of windscreen "
29. Material (s) of front-door windows "
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~~ - ~~no~~ 39. Air-conditioning : ~~yes~~ - no
40. Ventilation : yes - ~~no~~
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 6.2 kg lbs
45. Rear bumper, material (s) Steel Weight 6.8 kg lbs

WHEELS

50. Type Pressed steel
51. Weight (per wheel, without tyre) 6.5 kg lbs
52. Method of attachment Wheel nut (4 nuts)
53. Rim diameter 330 mm 13 inches
54. Rim width 114 mm $4\frac{1}{2}$ inches

STEERING

60. Type Rack & Pinion
61. Servo-assistance : ~~yes~~ - no
62. Number of turns of steering wheel from lock to lock 3.3
63. In case of servo-assistance

Make NISSAN Model C30 F.I.A. Rec. No

SUSPENSION

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

	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.

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ENGINE (photographs J and K)

130. Cycle 4 131. Number of cylinders 4

132. Cylinder arrangement In-Line

133. Bore 85 mm 3.35 in. 134. Stroke 80 mm 3.15 in.

135. Capacity per cylinder 454 cm³ 27.7 cu. in.

136. Total cylinder-capacity 1,815 cm³ 110.8 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 8.3

143. Volume of one combustion chamber 52.8 cm³ cu. in.

144. Piston, material Al-Cast 145. Number of rings 3

146. Distance from gudgeon pin centre line to highest point of piston crown

39.7 mm inches

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

149. Number of crankshaft main bearings 5

150. Material of bearing cap Cast-Iron

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

152. Capacity, lubricant 4.4 ltrs pts quarts US

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

155. Capacity of cooling system 8 ltrs pints quarts US

156. Cooling fan (if fitted), dia. 35 cm inches

157. Number of blades of cooling fan 4

Bearings

158. Crankshaft main, type Plain Dia. 56 mm in.

159. Connecting rod big end, Plain Dia. 53 mm in.

Weights

160. Flywheel (clean) 12 kg lbs

161. Flywheel with clutch (all turning parts) 17 kg lbs

162. Crankshaft 15 kg lbs 163. Connecting rod 0.8 kg lbs

164. Piston with rings and pin 0.51 kg lbs

Make NISSAN Model C30 F.I.A. Rec. No.

FOUR STROKE ENGINES

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

INLET (see page 81 *

180. Material(s) of inlet manifold Al-Cast
181. Diameter of valves 42 mm 1.65 inches
182. Max. valve lift 9 mm 0.35 in. 183. Number of valve springs 2
184. Type of spring Coil 185. Numbdr of valves per cylinder 1
186. Tappet clearance for checking timing (cold) 0.20 mm inches
187. Valves open at (with tolerance for tappet clearance indicated) B.T.D.C. 18°±7°
188. Valves close at (with tolernce for lappet clearance indicated) A.B.D.C. 52°±7°
189. Air filter, type Dry

EXHAUST (see page 81

195. Material (s) of exhaust manifold Cast-Iron
196. Diameter of valves 35 mm 1.38 inches
197. Max. valve lift 9 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) 0.20 mm inches
202. Valves open at (with tolerance for tappet clearance indicated) B.B.D.C. 58°±7°
203. Valves close at (with tolerance for tappet clearance indicated) A.T.D.C. 12°±7°

CARBURETION (photograph N)

210. Number of carburettors fitted 1 211. Type Down draft
212. Make HITACHI 213. Model DAJ 340, (DAK 340)
214. Number of mixture passages per caburettor 2
215. Flange hole diameter of exit port(s) of carburetteor P 30 S 34 mm in.
216. Minimum dimensions of mixture pasage (s) P 23 S 29 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

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

Make NISSAN Model C30 F. I. A. Rec. No.

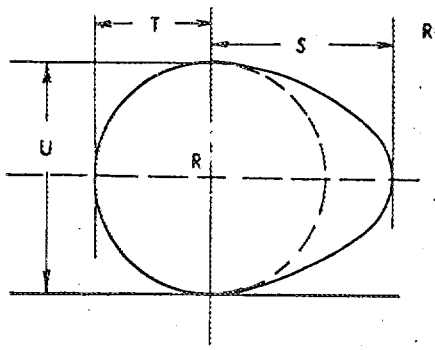
ENGINE ACCESSORIES

230. Fuel pump : ~~xxxxxxxxxxxxxxx~~ electric
231. No. fitted 1
232. Type of ignition system Make and break
233. No. of distributors 1
234. No. of ignition coils 1
235. No. of spark plugs per cylinder 1
236. Generator, type: ~~xxxxxx~~/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 100 (type of horsepower: JIS) at 5,600 rpm
251. Maximum rpm 6,200 output at that figure 98
252. Maximum torque 15.0 at 3,600 rpm
253. Maximum speed of the car 165 km / hour miles / hour

255.



R=centre of camshaft.

Inlet cam				
S =	21.8	mm	0.86	inches
T =	14.7	mm	0.58	inches
U =	29.6	mm	1.17	inches
Exhaust cam				
S =	21.8	mm	0.86	inches
T =	14.7	mm	0.58	inches
U =	29.6	mm	1.17	inches

Make NISSAN

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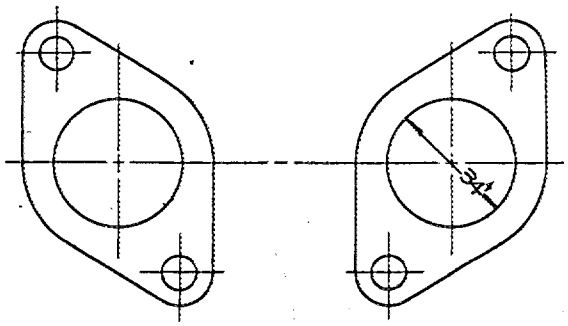
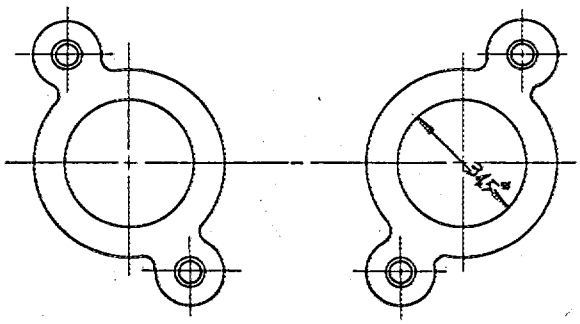
Unit: mm

Tolerance: ±1.5

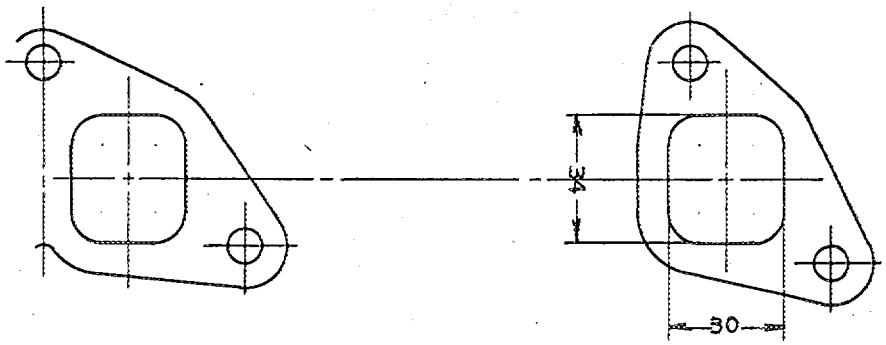
Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



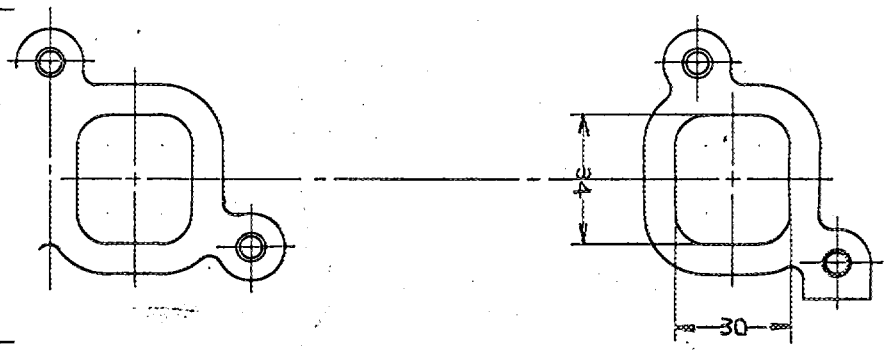
Drawing of entrance to inlet port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



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.



Make NISSAN Model C30 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 cm in. outside 20 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 NISSAN type BW-35

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

277.	Manual Ratio	Manual No. teeth	Automatic Ratio	Automatic No. teeth	Alternative manual/~~automatic~~ Ratio	Alternative manual/~~automatic~~ No. teeth	~~automatic~~ Ratio	~~automatic~~ No. teeth
1	3.382	$\frac{31}{22} \times \frac{36}{15}$	2.393	$\frac{67}{17} \times \frac{17}{16} \times \frac{16}{28}$	3.657	$\frac{32}{21} \times \frac{36}{15}$		
2	2.013	$\frac{31}{22} \times \frac{30}{21}$	1.450	$(\frac{32}{16} \times \frac{16}{17} \times \frac{17}{28} + 1) \times (\frac{67}{32+67})$	2.177	$\frac{32}{21} \times \frac{30}{21}$		
3	1.312	$\frac{31}{22} \times \frac{27}{29}$	1.000		1.419	$\frac{32}{21} \times \frac{27}{29}$		
4	1.000				1.000			
5								
6								
reverse	3.365	$\frac{31}{22} \times \frac{18}{21} \times \frac{39}{14}$	2.094	$\frac{67}{17} \times \frac{17}{32}$	3.638	$\frac{32}{21} \times \frac{18}{21} \times \frac{39}{14}$		

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 C30 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 scruti neering, 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

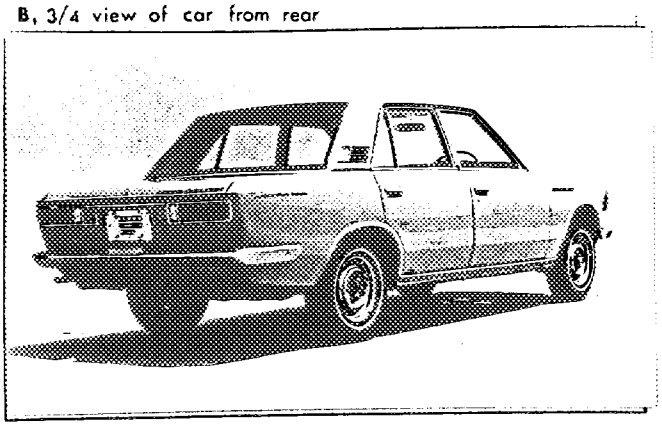
During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to taken into consideration : 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 13 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and ph graphs A, B, D, E, F, G, H, J, K, and O.

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

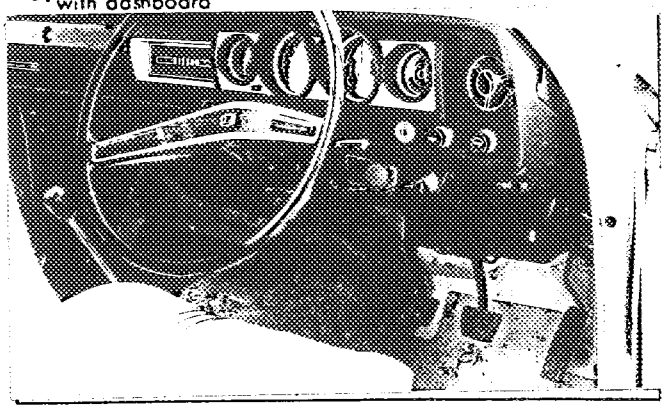
Make NISSAN Model C30 F. I. A. Rec. No.

Photograph

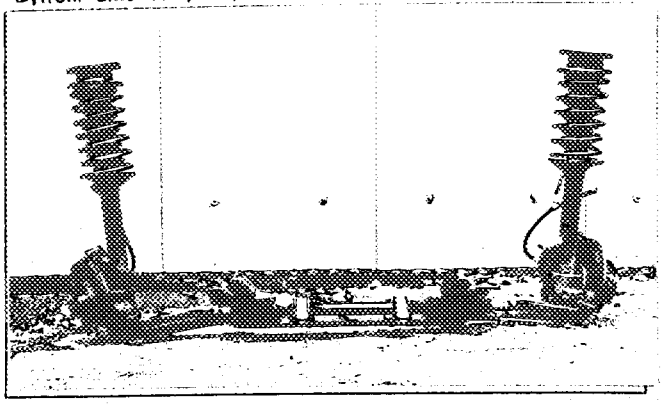
B, 3/4 view of car from rear



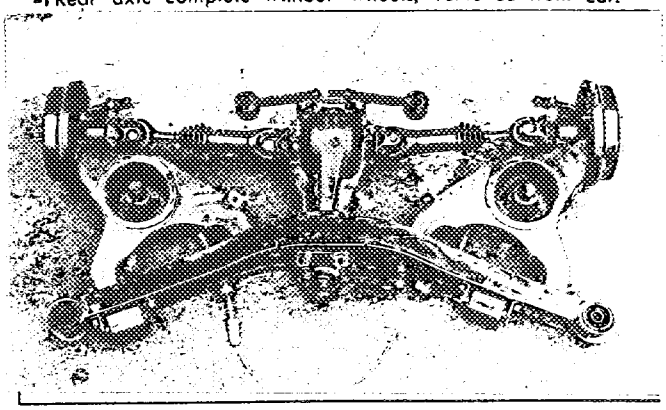
C, interior view of car through driver's door (open or removed) with dashboard



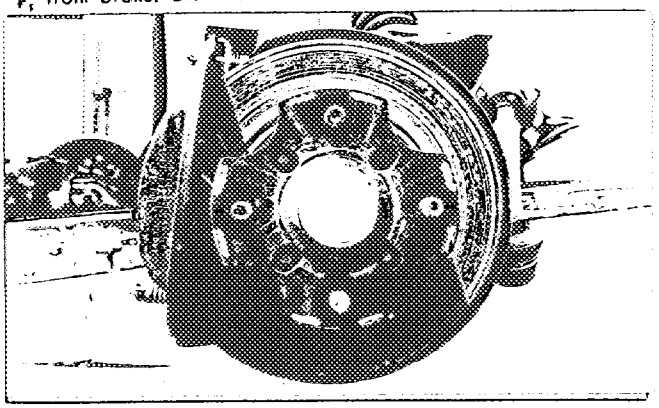
D, front axle complete, removed from car. Without wheels.



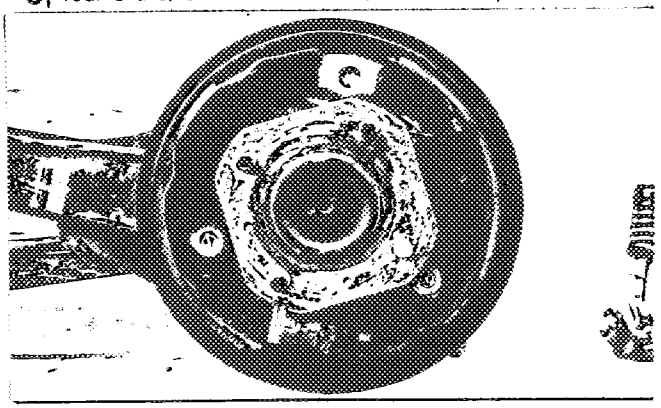
E, Rear axle complete without wheels, removed from car.



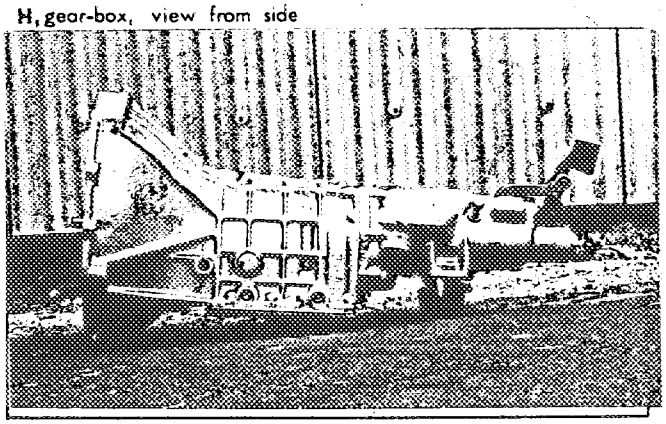
F, front brake. drum removed or disc with caliper(s)



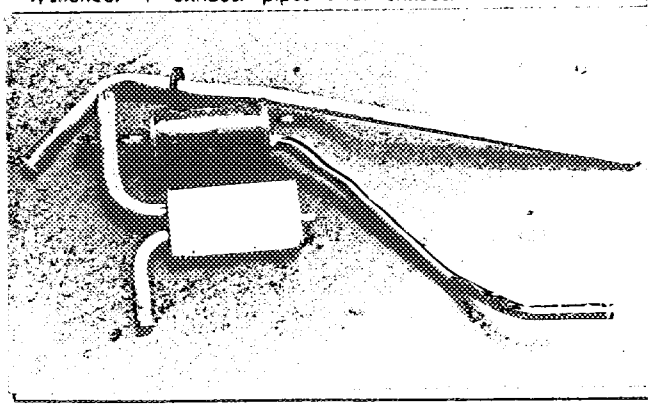
G, rear brake. drum removed or disc with caliper(s)



H, gear-box, view from side



I, silencer + exhaust pipes after exhaust manifold.



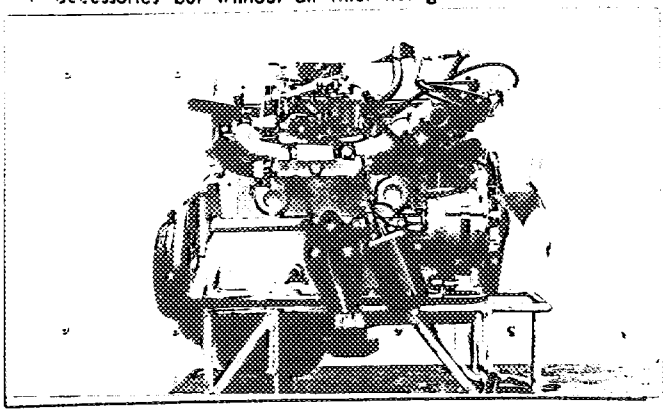
Make NISSAN

Model C30

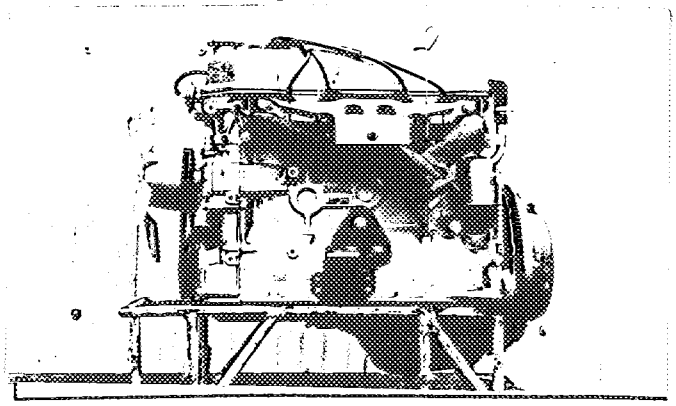
F. I. A. Rec. No

Photograph

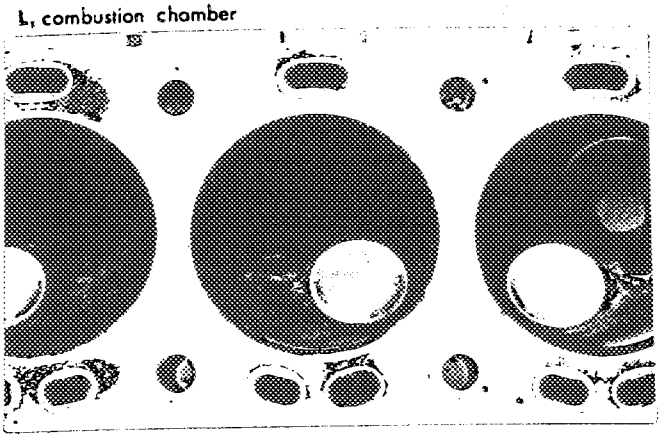
J, engine unit out of car, from right. With clutch and accessories but without air filter nor gear-box.



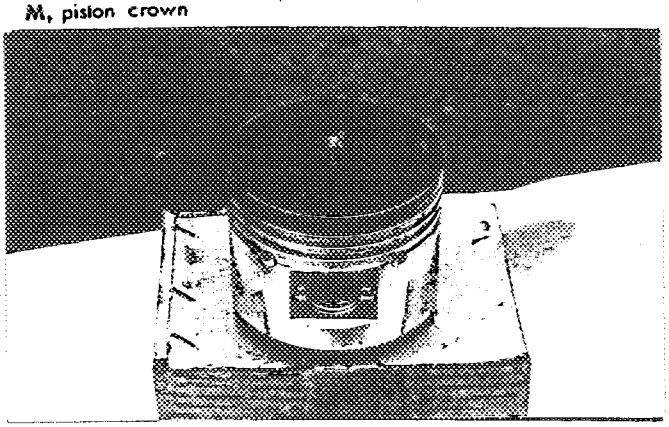
K, Engine unit out of car, from left. With clutch and accessories but without gear-box nor air filter.



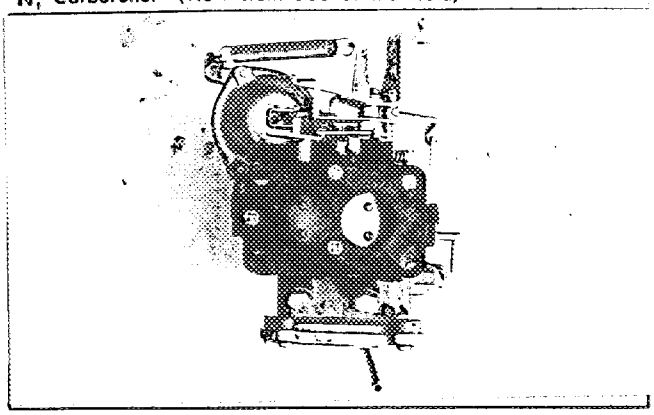
L, combustion chamber



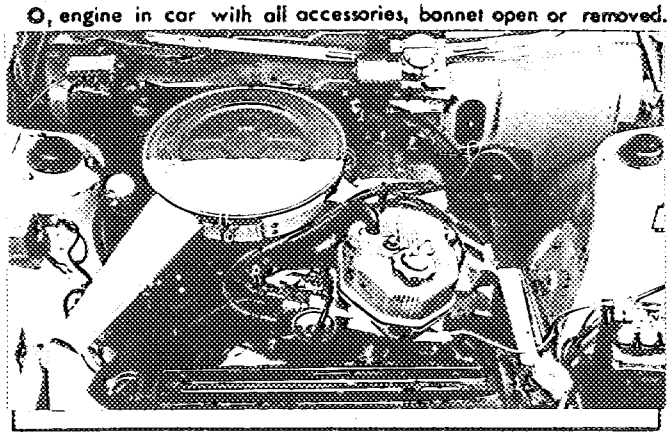
M, piston crown



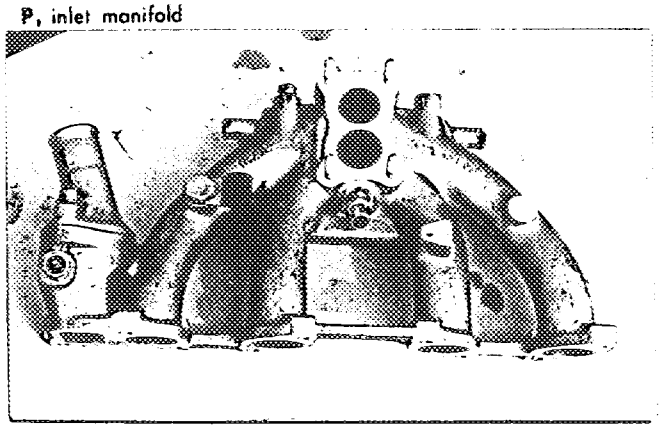
N, Carburettor (view from side of manifold)



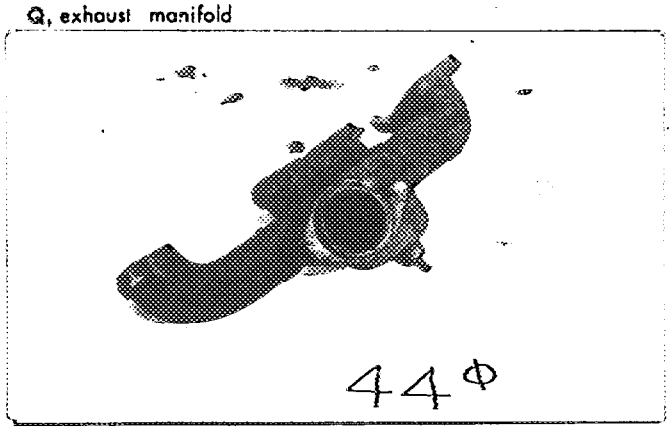
O, engine in car with all accessories, bonnet open or removed.



P, inlet manifold



Q, exhaust manifold



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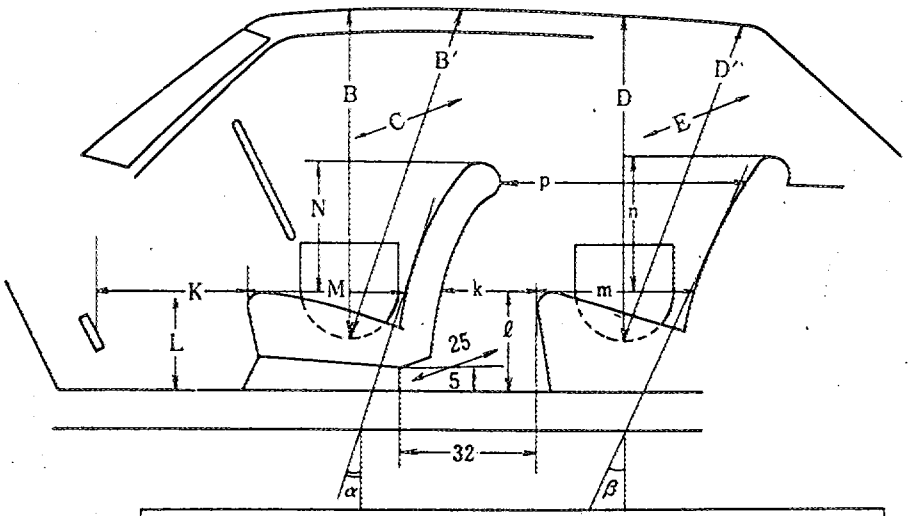
Make NISSAN Model C30 F.I.A. Rec. No.

DIMENSIONS OF INTERIOR

(Conform to Art. 253 b of Appendix J)

For four seaters :



Minimum Dimensions (cm)							
B	B'	α	C	D	D'	β	E
92	97	15°	132	90	90	15°	132

Minimum Dimensions (cm)										
L	ℓ	M	m	N	n	k+m	p	k	k+ℓ+m	K+L+M
32	34	46	46	45	50	76	80	30	110	128
0.9L = 28.8		0.85M = 39.1		0.8N = 36		0.8(k+m) = 60.8		(15)	(95)	(120)

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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

Yasuharu Nanba