

F. I. A. Recognition No. Group

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

P510-000011

engine

116-101

Recognition is valid from 1/7/70

Cylinder-capacity

1,595 cm3 97.33 cu. in.

151

151

Model

DATSUN 1600 SSS P510

Manufacturer

NISSAN

Manufacturer

NISSAN

List /0/

The manufacturing of the model described in this recognition form was started on JAN. 1970 and the minimum production of

5,000 identical cars, in accordance with the specifications of this form was reached on FEB. 19 70

Photograph A 3/4 view of car from front



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

Variants				Normal evo	olution of the t	уре	
on	19	rec. No.	List	on	19	rec. No.	Li
on	19	rec. No.	List	on	19	rec. No.	Li
on	19	rec. No.	List	on	19	rec. No.	ti
on	19	rec. No.	List	on	19	rec. No.	Li
on	19	rec. No.	List	on	19	rec. No.	Li

Stamp and signature of the National Sporting Authority

Make

NISSAN

Model.

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.

P510

CAPACITIES AND DIMENSIONS

1.	Wheelbase	2,420	mm			95.3	inches			
2.	Front track	1,280	mm			50.4	inches	*		
3.	Rear track	1,280	mm			50.4	inches	*		
4.	Overall length of the car			407.0	cm					inches
5.	Overall width of the car		1	156.0	cm					inches
6.	Overall height of the car			140.0	cm					inches
7.	Capacity of fuel tank (reserve inc	luded)					46		1 trs	
	12.1 Gallon US	5					G	allon	Imp.	

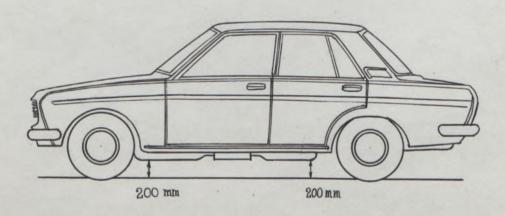
8. Seating capacity 5

9. Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:

* 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 VISOUR TO
1	foot / pied	30.4794 cm	1 pint (pt)	0.568 1trs
1	square inch / pouce carré	- 6.452 cm ²	1 gallon lmp.	4.546 1trs
1	cubic inch / pouce cube	- 16.387 cm ³	1 gallon US	3.785 1trs
1	pound / livre (1b)	453.593 gr.	1 hundred weight (cwt)	50.802 kg

CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis / body construction: 3650000 / 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: 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 :

14 x 2 kg

- 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 : XXXX no
- 62. Number of turns of steering wheel from lock to lock 3.2
- 63. In case of servo-assistance

	# PA	-		-
30	3 P	EN	21	ON

7	0.	Front suspension (photogr. D), type	Independent	(McPhers	on)				
7	1.	Type of spring	Coil						
7	2.	Stabiliser (if fitted)	Torsion bar						
7	3.	Number of shockabsorbers 2	74. Type	Hydrauli	c telesco	opic	1		
7	8.	Rear suspension (photogr. E), type	Independent	(Trailin	g arm)				
7	9.	Type of spring	Coil						
8	0.	Stabiliser (if fitted)							
8	11.	Number of shockabsorbers 2	82. Type	Hydrauli	c telesco	opic			
		BRAKES (photographs F and G)							
9	0.	System Hydraulic							
9	1.	Servo-assistance (if fitted), type	Master vac						
9	2.	Number of hydraulic master cylinders	2						
				FRO				REAR	
9	3.	Number of cylinders per wheel		1				1	
9	4.	Bore of wheel cylinder (s)		50.8	mm	in.	20.7	mm	in.
		Drum brakes				in.	228.6	mm	in.
		Inside diameter			mm		219.5		
		Length of brake linings			mm	in.		mm	in.
		Width of brake linings			mm	in.	40	mm	in.
9	8.	Number of shoes per brake						2	
9	9.	Total area per brake			mm ²	sq. in.	17,560	mm²	sq. in.
		Disc brakes							
1	00.	Outside diameter		232	mm	in.		mm	in.
1	01.	Thickness of disc		10	mm	in.		mm	in.
1	02.	Length of brake linings		86	mm	in.		mm	in.
1	03.	Width of brake linings		39.7	mm	in.		mm	in.
1	04.	Number of pads per brake.		2	2				
1	05.	Total area per brake		6,828.4	mm ²	sq. in.		mm ²	sq. in.



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ENGINE (photographs J and K)

131. Number of cylinders 130. Cycle 4

132. Cylinder arrangement In line

2.90 in. 3.27 in. 134. Stroke 73.7 mm 133. Bore 83 mm

24.35 cu. in. 399 135. Capacity per cylinder cu. in.

97.33 1,595 cm3 136. Total. cylinder-capacity

137. Material (s) of cylinder block Cast-Iron

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

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

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

9.5 142. Compression ratio

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

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

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

inches 38 mm 148. Type of crankshaft : integral / XXXX

147. Crankshaft : 36501266 / stamped

149. Number of crankshaft main bearings 5

150. Material of bearing cap Cast-Iron

151. System of lubrication: 2000 oil in sump quarts US 152. Capacity, lubricant 4.8 ltrs

154. Method of engine cooling Water

153. Oil cooler : XXX / no

quarts US pints 155. Capacity of cooling system 6.8 ltrs

inches 156. Cooling fair (if fitted), dia. 33 cm

157. Number of blades of cooling fan 4

Bearings

in. Dia. 55 158. Crankshaft main, type Plain

Dia. 50 mm 159. Connecting rod big end, Plain

Weights

160. Flywheel (clean) 11.5 kg

14 161. Flywheel with clutch (all turning parts)

lbs 163. Connecting rod 0.63 162. Crankshaft 13.7 kg

0.47 kg 164. Piston with rings and pin

inches

inches

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NISSAN

FOUR STROKE ENGINES

Cylinder head 170. Number of camshafts 1 171. Location

172. Type of camshaft drive Chain

173. Type of valve operation Rocker arm

INLET (see page 8) *

Al-Cast 180. Material(s) of inlet manifold

1.65 inches 42 181. Diameter of valves mm 2 0.39 in. 183. Number of valve springs 182. Max. valve lift 10 mm

185. Numbdr of valves per cylinder 1 184. Type of spring Coil 0.25 mm

186. Tappet clearance for checking timing (cold) 187. Valves open at (with tolerance for tappet clearance indicated)

B.T.D.C 16°+7° A.B.D.C 520±70 188. Valves close at (with tolernce for tappet clearance indicated)

Dry 189. Air filter, type

EXHAUST (see page 8)

Cast-Iron 195. Material (s) of exhaust manifold

1.3 33 inches mm 196. Diameter of valves 198. Number of valve springs 0.39 in.

2 10 mm 197. Max. valve lift 1 200. Number of valves per cylinder

0.30

mm

199. Type of spring Coil

201. Tappet clearance for checking timing (cold) B.B.D.C 540+70 202. Valves open at (with tolerance for tappet clearance indicated)

A.T.D.C 140±70 203. Valves close at (with tolerance for tapper clearance indicated)

CARBURETION (photograph N)

Side-Draft 211. Type 210. Number of carburettors fitted HJL38W

213. Model 212. Make HITACHI

214. Number of mixture passages per caburettor

215. Flange hole diameter of exit port(s) of carburetteor

216. Minimum dimensions of mixture pasage(s) with piston at max. height (example:SU)

37.6

INJECTION (if fitted)

221. Number of plungers 220. Make of pump

223. Total number of injectors 222. Model or type of pump

224. location of injectors

inches mm 225. Minimum diameter of inlet pipe

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

M	ake NISSAN			Model	P510		F. I. A. Rec. No.
	ENGINE ACCESSOR	IES					
230.	Fuel pump : mech	anical xxxxxxx	XDOBIBOOK		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, XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36/alternator-n	umber fitted	1	237. Method of drive	V-Belt	
238.	Voltage of generator		12 volts		239. Battery, number	1	
240.	Location Engin	e room					
241.	Voltage of battery		12 volts				
	ENGINE AND CAR F	PERFORMANC	ES (as declared	by manufactu	urer in catalogue)		
250.	Max. engine output	100	(type of horsep	ower: JIS) at *	6,000	rpm
251.	Maximum rpm	6,500	output o	that figure	92		
252.	Maximum torque	13.5	at 4	,000 rpm			
253.	Maximum speed of the	cor	165	km/hour	m	niles / hour	

255.

R=centre of camshaft.

Inlet co	<u>m</u>			
s =	24	mm	0.94	inches
T =	16.5	mm	0.65	inches
U =	33	mm	1.30	inches
Exhaust	com			
s =	24	mm	0.94	inches
T =	16.5	mm	0.65	inches
U =	33	mm	1.30	inches

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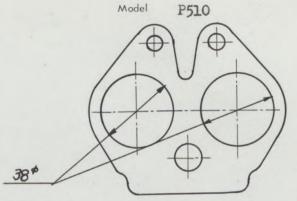
Unit: mm

Tolerance: 1.5

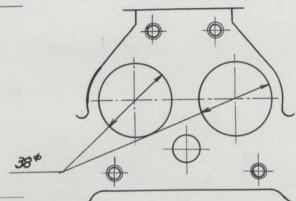


Drawing inlet
manifold ports,
side of cylinderhead. Indicate
scale or dimensions
and manufacturing
tolerance.

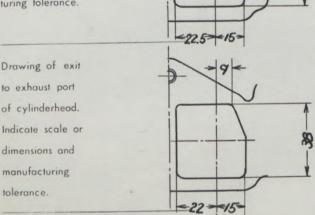
Make

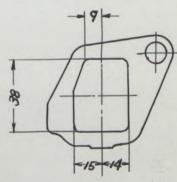


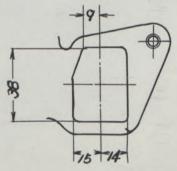
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Drawing exhaust manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.









Make NISSAN

Model P510

type

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

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

277.	Ratio	No. teeth	Automatic Ratio No. teeth	Ratio	Alternative man	Ratio No. 1	eeth
1	3,657	32 x 36 21 x 15		3,082	31 x 35 22 x 16		
2	2,177	32 x 30 21 x 21		1,857	31 x 29 22 x 29		
3	1,419	$\frac{32}{21} \times \frac{17}{29}$		1,312	$\frac{31}{22} \times \frac{27}{29}$		
4	1,000			1,000			
5							
6	3,638	32 _x 18 _x 39 21 21 14		3,033	31 _x 17 _x 39 22 22 14		
reverse							

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

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, 79; 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.

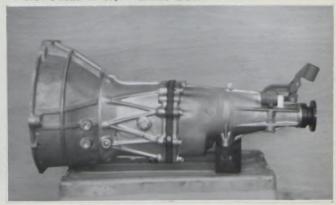
Optional equipement affecting preceeding information. This to be stated together with reference number.

OPTIONAL EQUIPMENT FOR GROUP 2

OVER FENDER



PHOTOGRAPH H. GEAR BOX



GEAR BOX

271 NO. OF GEAR-BOX RATIOS FORWARD 5
272 SYNCHRONIZED FORWARD RATIOS 1, 2, 3, 4, 5

		MANU	AL	
277	RATIO	NO. TEETH	RATIO	NO. TEETH
1	2,678	28 x 33 23 x 15	3,201	$\frac{29}{22} \times \frac{34}{14}$
2	1,704	28 x 28 20	2,197	$\frac{29}{22} \times \frac{30}{18}$
3	1,262	28 x 28 23 x 27	1,635	$\frac{29}{22} \times \frac{31}{25}$
4	1,000		1,224	$\frac{29}{22} \times \frac{26}{28}$
5	0,852	$\frac{28}{23} \times \frac{21}{30}$	1,000	1 1 1
REVERSE	2,922	28 _x 17 _x 36 23 15 17	3,164	29 _x 17 _x 36 22 15 17



NISSAN

B, 3/4 view of car from rear

Photograph

Model P510

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

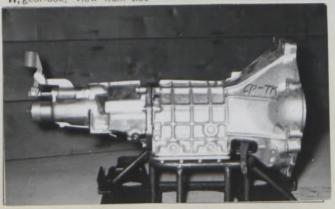


D, front axle complete, removed from car. Without wheels.



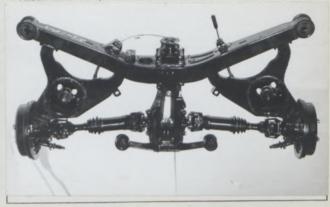


H, gear-box, view from side

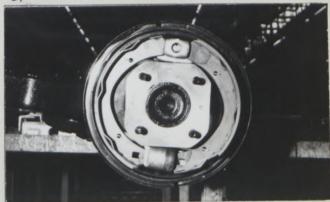




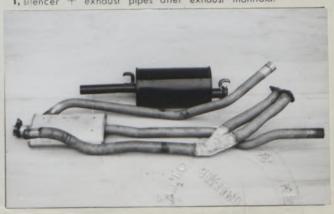
E, Rear axle complete without wheels, removed from car.



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



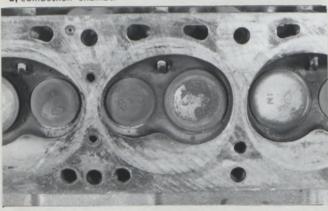
1, silencer + exhaust pipes after exhaust manifold.



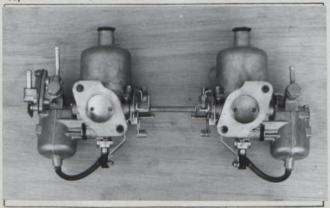
engine unit out of car, from right. With clutch and J. accessories but without air filter nor gear-box.



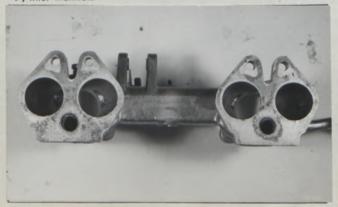
L, combustion chamber



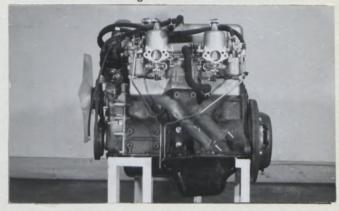
N, Carburettor (view from side of manifold)



P, inlet manifold



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



M, piston crown

Model





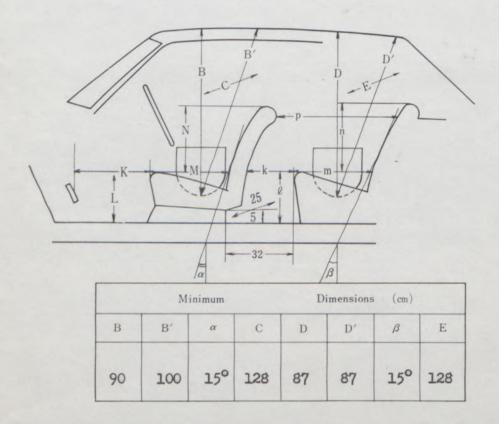
Q, exhaust manifold



DIMENSIONS OF INTERIOR

(Conform to Art. 253 b of Appendix J)

For four seaters:



		M	linimum		Dimensions (cm)					
L	l	М	m	N	n	k+m	р	k	k+2+m	K+L+M
32	36	46	45	36	38	61	56	16	97	126
0.9L =	28.8	0.85M =	39.1	0.8N =	28.8	0.8(k+m)	48.8	(15)	(95)	(120)

Model P510

Make NISSAN

TWO STROKE ENGINES

300.	System of cylinder scavenging						
301.	Type of lubrication						
302.	Inlet ports, length measured around cylinder	er wall				mm	inches
303.	Height inlet port mm	1	in.	304.	Area	mm^2	sq. in.
305.	Exhaust ports, length measured around cyl	inder wall				mm	inches
306.	Height exhaust port mm	1	in.	307.	Area	mm ²	sq. in.
308.	Transfer port, length measured around cyli	inder wall				mm	inches
309.	Height transfer port mm		in.	310.	Area.	mm^2	sq. in.
311.	Piston ports, length measured around piston	1				mm	inches
312.	Height piston port mm	1	in.	313.	Area	mm^2	sq. in.
314.	Method of precompression			315.	Precompression cyl.:	yes /no	
316.	Bore mm inc	hes		317.	Stroke	mm	inches
318.	Distance from top of cyl. block to highest	point of exhaust	por	t :		mm	inches
	Distance from top of cyl. block to lowest					mm	inches
320.	Distance from top of cyl. block to highest	point of transfer	por	t :		mm	inches
321.	Drawing of cylinder ports.						

330. Supercharging-state full details hereafter :

JAPAN AUTOMOBILE FEDERATION

報孩猪浴

Yasuharu Nanba

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JAPAN AUTOMOBILE FEDERATION F. I. A. Homol. No 5355/1/10

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make NISSAN

Modification's application starts with serial

engine

P510-000011 L16-101

Application of this amendment started the

JUNE 1970

Commercial denomination after application of modifications

JULY 1970

Date amendment is valid from 1/10/20 List 70/10

Description of amendment The following item have been added for group 2 REAR OVER FENDER

(NOT VALID FOR GROUP 1 ONLY)





Stamp and signature of

National Sporting Authority

1656 1556 - 1280 (4 rim) 1380 (8 rim)

Stamp and signature of F.I.A.

APAN AUTOMOBILE FEDERATION

Yasuharu Nanba





J.A.F公認番号 T-144 V-2 71-5月末日 F. I. A. Homol. No 5355/2/2V-GrII

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。

Model P510 (DATSUN 1600 SSS) Make NISSAN MOTOR CO., LTD. 型式及び通称名

chassis 適用シャーシー番号 P510-00011 Modification's application starts with serial No. engine 適用エンジン番号

Application of this amendment started the AUG. 1970

Commercial denomination after application of modifications

The modifications are to be considered as: Variant / NOXINGK EVOLUTION OF THE XXXXX

Date amendment is valid from 1st July

List 71/7

Description of amendment 内容

OPTIONAL EQUIPEMENT (NOT VALID FOR GROUP 1 ONLY)

ENGINE

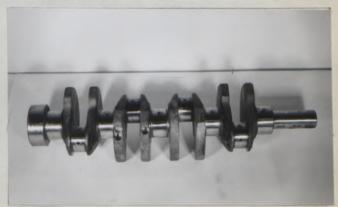
10.0 38.0 cm (Parts No. 11041-22010) 7.0 kg (Parts No. 12310-22010) 160. Flywheel weigts 12.9 kg 161. Flywheel with clutch weights 16.0 kg (Parts No. 12200-22010) 162. Crankshaft weights Connecting rod weights

0.80kg (Parts No. 12100-22010)

Diameter of inlet valves 45mm 1.77inches (Parts No. 13201-22010) 163. Connecting rod weights lves 35mm 1.38inches (Parts No. 13202-22010)

Photograph L. Combustion chamber

Crankshaft



Stamp and signature of the JAF

JAF公認印及び署名

Yasuharu Nanba

Stamp and signature of the F.I.A.

Page 1 /3.

GIT

Photograph Flywheel



Connectig rod



Make NISSAN

Model P510

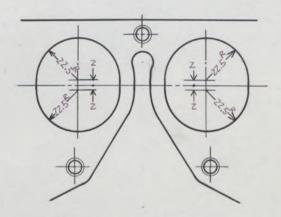
J·A·F公認番号 T-144 V-2 F.I.A. Rec. No. 5355/2/2び — GCII —

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

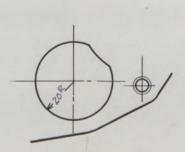
Drawing of entrance to inlet port of cylinder-head / housing X scale or dimensions and manufacturing tolerance.

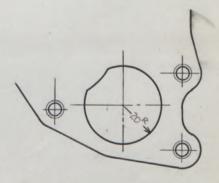
Drawing exhaust
manifold ports,
side of cylinderhead / howsing
scale or dimensions and manufacturing tolerance.

Drawing of exit
to exhaust port
of cylinderhead toosing.
Indicate scale or
dimensions and
manufacturing
tolerance.



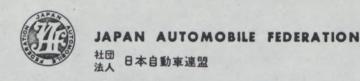
Fra in Group 2





Unit: mm

Tolerance: ± 1.5



J·A·F公認番号 丁-144 E-/ 71.5月末日 F. I. A. Homol. No 5355 /3/1E

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 NISSAN MOTOR CO., LTD.

Modification's application starts with serial

Application of this amendment started the 演用年月日

Commercial denomination after application of modifications

Date amendment is valid from

P510 (DATSUN 1600 SSS) 型式及び通称名

Model

chassis 適用シャーシー番号 No. engine

適用エンジン番号

Aug. 1970 Sep. 1970

The modifications are to be considered as: 双环状/ normal evolution of the type

Description of amendment 内容

Photograph

A. 3/4 view of car from front

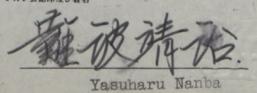


Interior view



Stamp and signature of the JAF

JAF公認印及び署名



B. 3/4 view of car from rear



P510-000011

116 -101

I. Silencer



Stamp and signature of the F.I.A.

