



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

JAF公認番号 T-223

グループ 1

発効年月日 1975年 4月 30日

F. I. A. Recognition No. 5605

Group 1

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition in 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。

| | | | |
|-----------------------------------|--------------------------|------------------------|--------------------------------------------------------|
| Manufacturer 製造会社名 | Daihatsu Motor Co., Ltd. | Cylinder-capacity 総排気量 | Reciprocation 1407 cm ³ 85.9 cu.in. レシプロ |
| Serial No of chassis 製造開始シャシー型式番号 | A20-000001 | Model 型式及び通称名 | Special cm ³ cu.in. 特殊 |
| Serial No of engine エンジン型式 | T | Manufacturer 製造会社名 | A20 Daihatsu Charmant |
| Recognition is valid from | 1875 | Manufacturer 製造会社名 | Daihatsu Motor Co., Ltd. |
| | | Manufacturer 製造会社名 | Toyota Motor Co., Ltd. |
| | | List | |

The manufacturing of the model described in this recognition form was started on NOV. 1974 and the minimum production of 5000 identical cars, in accordance with the specifications of this form was reached on Mar. 1975

Photograph A, 3/4 view of car from front 写真A、全体写真(斜め前方)



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

| Variants | 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 | 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 JAF

JAF公認印及び署名

難波靖治

Yasuharu Nanba



Stamp and signature of the F. I. A.

Make Daihatsu

Model A20
型式

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.

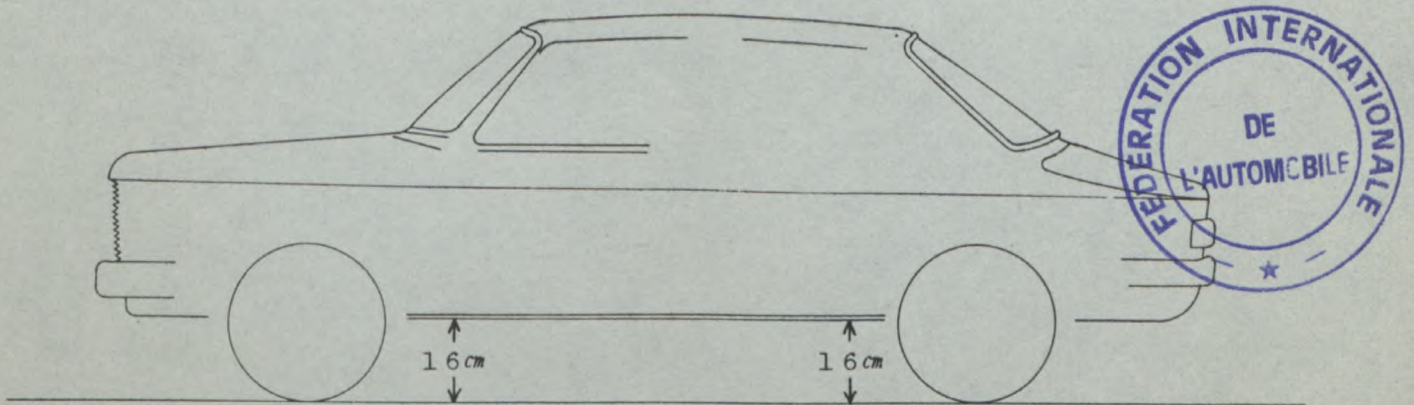
CAPACITIES AND DIMENSIONS
仕様諸元

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|------|------------|
| 1. <u>Wheelbase</u> ホイールベース | 233.5 | cm | 91.9 | inches |
| 2. <u>Front track</u> トレッド(前) | 125.5 | cm | 49.4 | inches |
| 3. <u>Rear track</u> トレッド(後) | 124.5 | cm | 49.0 | inches |
| 4. Overall length of the car 全長 | 399.5 | cm | | |
| 5. Overall width of the car 全幅 | 152.0 | cm | | |
| 6. Overall height of the car 全高 | 137.0 | cm | | |
| 7. <u>Capacity of fuel tank</u> (reserve included) 燃料タンク容量 | | | 43 | ltrs |
| | 11.4 | Gallon US | | Gallon Imp |
| 8. Seating capacity 定員 | 5 | | | |
| 9. <u>Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:</u> 車両重量(冷却水、オイル、スペアタイヤを含む標準状態の車両重量、但し燃料、車載工具を除く) | 840 | kg | 1854 | lbs |

* 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 車両の標準状態を示すためのサイドメンバー前部及び後部に於ける地上高 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.



*** Width of the car measured in the vertical plane passing through the axle of the wheels.

| | | | | | | |
|---------|-------|-----|----|------|-----|----|
| 車軸上の車体幅 | Front | 150 | cm | Rear | 152 | cm |
| | フロント | | | リヤ | | |

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 carre | 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 Daihatsu

Model A20
型式

F.I.A. Rec. No.

CHASSIS AND COACHWORK (Photographs A, B and C)

シャーシー、ボデー

20. Chassis/body construction : ~~Separate~~ / unitary construction
シャーシー/ボディーの構造 ~~XXXXXX~~ / 一体構造
21. Unitary construction, material (s) Steel
一体構造の場合その材質
22. Separate constructions: material(s) of chassis
セパレート構造の場合その材質
23. Material (s) of coachwork
ボディーの材質
24. Number of doors 4 Material (s) Steel
ドアの数 材質
25. Material (s) of bonnet Steel
ボンネットの材質
26. Material (s) of boot lid Steel
トランクリッドの材質
27. Material (s) of rear-window Glass
リアウインドシールドの材質
28. Material (s) of windscreen Glass (Laminated)
フロントウインドシールドの材質
29. Material (s) of front-door windows Glass
フロントドアウインドーの材質
30. Material (s) of rear-door windows Glass
リアドアウインドーの材質
31. Sliding system of door windows Vertical, Manual
ドアウインドーの開閉方式
32. Material (s) of rear-quarter light Glass
リアクォーターウインドーの材質



ACCESSORIES AND UPHOLSTERY

アクセサリ

38. Interior heating : yes - ~~XX~~
39. Air-conditioning : ~~XX~~ - no
40. Ventilation : yes - ~~XX~~
41. Front seats, type of seats and upholstery Separate, Vinyl
フロントシートの形式と表張りの材質
42. Weight of front seat (s), complete with supports and rails, out of the car :
フロントシートの重量 (ブラケット、シートレール付) 12.9 x 2 kg
43. Rear seats, type of seats and upholstery Bench, Vinyl
リアシートの形式と表張りの材質
44. Front bumper, material (s) Steel Weight 4.0 kg
フロントバンパーの材質 重量
45. Rear bumper, material (s) Steel Weight 3.5 kg
リアバンパーの材質 重量

WHEELS

ホイール

50. Type Pressed Steel
形式
51. Weight (per wheel, without tyre) 6.0 kg
重量
52. Method of attachment 4 Nuts
取付け方法
53. Rim diameter 330 mm 13 inches
リム径
54. Rim width 114 mm 4.5 inches
リム幅

STEERING

ステアリング

60. Type Recirculating ball
形式
61. Servo-assistance : ~~XX~~ - no
パワーステアリング 無
62. Number of turns of steering wheel from lock to lock 3.4
ロックツーロック
63. In case of servo-assistance



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Model A20
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F.I.A. Rec. No.

SUSPENSION

サスペンション

- | | |
|-----------------------------------------------------------|----------------------|
| 70. Front suspension (photogr. D), type フロントサスペンションの形式 | Mc pherson |
| 71. Type of spring スプリングの種類 | Coil |
| 72. Stabiliser (if fitted) スタビライザーの形式 | Torsion bar |
| 73. Number of shockabsorbers ショックアブソーバーの数 | 2 |
| 74. Type 形式 | Hydraulic telescopic |
| 78. Rear suspension (photogr. E), type リヤサスペンションの形式 | Rigid axle |
| 79. Type of spring スプリングの種類 | Leaf |
| 80. Stabiliser (if fitted) スタビライザーの形式 | |
| 81. Number of shockabsorbers ショックアブソーバーの数 | 2 |
| 82. Type 形式 | Hydraulic telescopic |



BRAKES (photographs F and G)

ブレーキ

- | | |
|---------------------------------------------------------|-----------|
| 90. System 作動方式 | Hydraulic |
| 91. Servo-assistance (if fitted), type サーボシステムの形式 | Vacuum |
| 92. Number of hydraulic master cylinders マスターシリンダーの数 | 1 |

| | FRONT フロント | | REAR リヤ | |
|----------------------------------------------------|-----------------|-----------------|-----------------|-----------------|
| 93. Number of cylinders per wheel ホイール当りのシリンダー数 | 2 | | 1 | |
| 94. Bore of wheel cylinder (s) ホイールシリンダーの内径 | 22.2 | mm | 17.4 | mm |
| Drum Brakes ドラムブレーキ | | | | |
| 95. Inside diameter ドラムの内径 | 228 | mm | 228 | mm |
| 96. Length of brake linings ライニングの長さ | 219 | mm | 219 | mm |
| 97. Width of brake linings ライニングの幅 | 45 | mm | 40 | mm |
| 98. Number of shoes per brake ブレーキ当りのシューの数 | 2 | | 2 | |
| 99. Total area per brake 1 ブレーキ当りの総摩擦面積 | 19710 | mm ² | 17520 | mm ² |
| Disc brakes ディスクブレーキ | | | | |
| 100. Outside diameter ディスクの外径 | mm | | mm | |
| 101. Thickness of disc ディスクの厚さ | mm | | mm | |
| 102. Length of brake linings パッドの長さ | mm | | mm | |
| 103. Width of brake linings パッドの幅 | mm | | mm | |
| 104. Number of pads per brake ブレーキ当りのパッドの数 | mm ² | | mm ² | |
| 105. Total area per brake 1 ブレーキ当りの総摩擦面積 | mm ² | | mm ² | |

Make Daihatsu

Model A20
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F.I.A. Rec. No.

ENGINE (photographs J and K) **

| | | | | | |
|-----------------------------------------------------------------------------|------------------------|-----------------------------------|-----------------|-------|------------------|
| 130. Cycle | エンジン | 4 | | | |
| 131. Number of cylinders | サイクル シリンダー数 | 4 | | | |
| 132. Cylinder arrangement | シリンダー配列 | In-line | | | |
| 133. Bore | ボア | 80.0 | mm | 3.14 | inches |
| 134. Stroke | ストローク | 70.0 | mm | 2.75 | inches |
| 135. Capacity per cylinder | Iシリンダーの排気量 | 352 | cm ³ | 21.48 | cu. in. |
| 136. Total. cylinder-capacity | 総排気量 | 1407 | cm ³ | 85.86 | cu. in. |
| 137. Material (s) of cylinder block | シリンダーブロックの材質 | Cast-iron | | | |
| 138. Material (s) of sleeves (if fitted) | スリーブの材質 | | | | |
| 139. Cylinder-head, material (s) | Aluminum alloy | Number fitted | | 1 | |
| 140. Number of inlet ports | シリンダーヘッドの材質 吸気孔の数 | 4 | | | |
| 141. Number of exhaust ports | 排気孔の数 | 4 | | | |
| 142. Compression ratio | 圧縮比 | 8.5 | | | |
| 143. Volume of one combustion chamber | 燃焼室の容積 | 46.9 | cm ³ | | |
| 144. Piston, material | ピストンの材質 | Aluminum alloy | | | |
| 145. Number of rings | リングの数 | 3 | | | |
| 146. Distance from gudgeon pin centre line to highest point of piston crown | ピストンピンとピストンクラウン最頂点との距離 | 46 | mm | | |
| 147. Crankshaft : | クランクシャフト | moulded / stamped | | | (material:Steel) |
| 148. Type of crankshaft : | クランクシャフトの形式 : | 鑄造 / 鍛造 | | | |
| 149. Number of crankshaft main bearings | メインベアリングの数 | 5 | | | |
| 150. Material of bearing cap | ベアリングキャップの材質 | Cast-iron | | | |
| 151. System of lubrication : | 潤滑方式 : | dry sump / oil in sump | | | |
| 152. Capacity, lubricant | 潤滑油量 | 3.7 | ltrs | | |
| 153. Oil cooler : | オイルクーラー : | yes / no | | | |
| 154. Method of engine cooling | エンジン冷却方式 | Water | | | |
| 155. Capacity of cooling system | 冷却水の総量 | 6.5 | ltrs | | |
| 156. Cooling fan (if fitted), dia. | 冷却ファンの直径 | 320 | mm | | |
| 157. Number of blades of cooling fan | 冷却ファンのブレード数 | 4 | | | |
| Bearings ** | | | | | |
| 158. Crankshaft main, type | メインベアリングの形式 | Plain | Dia. | 58 | mm |
| 159. Connecting rod big end, | コンロッド大端部ベアリングの形式 | Plain | Dia. | 48 | mm |
| Weights ** | | | | | |
| 160. Flywheel (clean) | フライホイール | 10.5 | kg | | |
| 161. Flywheel with clutch (all turning parts) | クラッチ付フライホイール | 15.0 | kg | | |
| 162. Crankshaft | クランクシャフト | 11.8 | kg | | |
| 163. Connecting rod | コンロッド | 0.62 | kg | | |
| 164. Piston with rings and pin | ピストン (リング、ピン含む) | 0.53 | kg | | |



** for additional information concerning Wankel rotary engines see page
ロータリーエンジンは 参照

Make Daihatsu

Model A20
型式

F.I.A. Rec. No.

FOUR STROKE ENGINES * , * *
4サイクルエンジン

170. Number of camshafts 1
カムシャフトの数
171. Location Cylinder block
カムシャフトの位置
172. Type of camshaft drive Chain
カムシャフトの駆動方式
173. Type of valve operation Push-rod
バルブの作動方式

INLET (see page 8) * , * *
吸気系

180. Material(s) of inlet manifold Aluminum Alloy
マニホールドの材質
181. Diameter of valves 41 mm 1.61 inches
バルブの径
182. Max. valve lift 9 mm 0.35 inches
バルブリフト
183. Number of valve springs 1
バルブスプリングの数
184. Type of spring Coil
バルブスプリングの種類
185. Number of valves per cylinder 1
シリンダー当りのバルブの数
186. Tappet clearance for checking timing (cold) 0.30 mm
187. Valves open at (with tolerance for tappet clearance indicated) B. T. D. C. 23°
188. Valves close at (with tolerance for tappet clearance indicated) A. B. D. C. 71°
189. Air filter, type Dry
エアークリーナーの形式

EXHAUST (see page 8) * , * *
排気系

195. Material (s) of exhaust manifold Cast-iron
マニホールドの材質
196. Diameter of valves 36 mm 1.42 inches
バルブの径
197. Max. valve lift 9 mm 0.35 inches
バルブリフト
198. Number of valve springs 1
バルブスプリングの数
199. Type of spring Coil
バルブ・スプリングの種類
200. Number of valves per cylinder 1
シリンダー当りのバルブの数
201. Tappet clearance for checking timing (cold) 0.30 mm
202. Valves open at (with tolerance for tappet clearance indicated) B. B. D. C. 69°
203. Valves close at (with tolerance for tappet clearance indicated) A. T. D. C. 33°

CARBURETION (photograph N)
気化器

210. Number of carburetors fitted 1
キャブレターの数
211. Type Down-draft
形式
212. Make Aisan
製造会社
213. Model T
型式
214. Number of mixture passages per carburettor 2
キャブレター当りのバレル数
215. Flange hole diameter of exit port(s) of carburettor 30φ & 34φ mm
キャブレター出口内径
216. Minimum dimensions of mixture passage(s) 22φ & 26φ mm
ベンチュリーの最小寸法

*) for additional information concerning two-stroke engines and super-charged engines see page 2
2サイクルエンジン、過給機付エンジンは 頁参照

* *) for additional information concerning Wankel rotary engines see page
ロータリーエンジンは 頁参照



Make Daihatsu

Model A20
型式

F.I.A. Rec. No.

INJECTION (if fitted)
燃料噴射

- 220. Make of pump
ポンプの製造会社
- 221. Number of plungers
プランジャーの数
- 222. Model or type of pump
ポンプの型式
- 223. Total number of injectors
ノズルの総数
- 224. Location of injectors
ノズルの位置
- 225. Minimum diameter of inlet pipe
吸気管の最小径 mm

ENGINE ACCESSORIES
エンジン補機

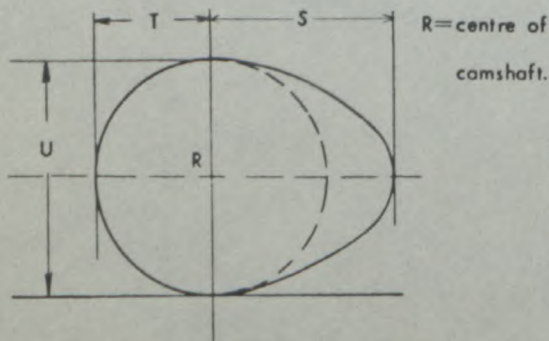
- 230. Fuel pump :
燃料ポンプ mechanical ~~and~~ / ~~or~~ ~~electric~~
機械式 / ~~電気式~~
- 231. No. fitted 1
- 232. Type of ignition system Make & Break
- 233. No. of distributors 1
- 234. No. of ignition coils 1
- 235. No. of spark plugs per cylinder / rotor
シリンダー当りのプラグ数 ~~XXXXXXXXXX~~ 1
- 236. Generator,
発電器 type: ~~dynamic~~ / alternator-number fitted 1
~~DC~~ / 交流 数
- 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 86 PS (type of horsepower: JIS) at 6000 rpm
- 251. Maximum rpm 6350 output at that figure 86 PS (JIS)
- 252. Maximum torque 12.0 at 3800 rpm
- 253. Maximum speed of the car 160 km/hour



255. Cam profile
カムプロフィール



Inlet cam

| | | | | |
|------|------|----|------|--------|
| 吸気カム | | | | |
| S = | 22.4 | mm | 0.88 | inches |
| T = | 16.0 | mm | 0.63 | inches |
| U = | 32.0 | mm | 1.26 | inches |

Exhaust cam

| | | | | |
|------|------|----|------|--------|
| 排気カム | | | | |
| S = | 22.4 | mm | 0.88 | inches |
| T = | 16.0 | mm | 0.63 | inches |
| U = | 32.0 | mm | 1.26 | inches |



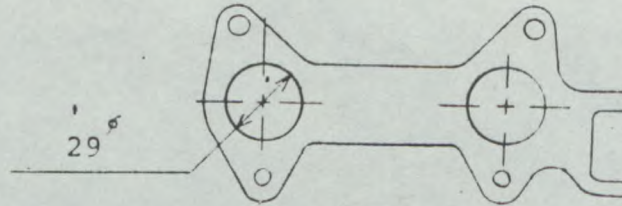
Make Daihatsu

Model A20
型式

F.I.A. Rec. No.

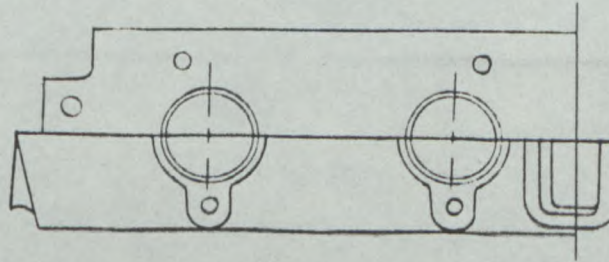
Drawing inlet manifold ports, side of cylinder-head/housing scale or dimensions and manufacturing tolerance.

吸気マニホールドのポート (シリンダーヘッド側)



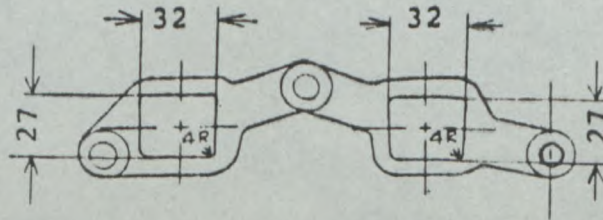
Drawing of entrance to inlet port of cylinder-head/housing scale or dimensions and manufacturing tolerance.

シリンダーヘッドの吸気ポート (吸気マニホールド側)



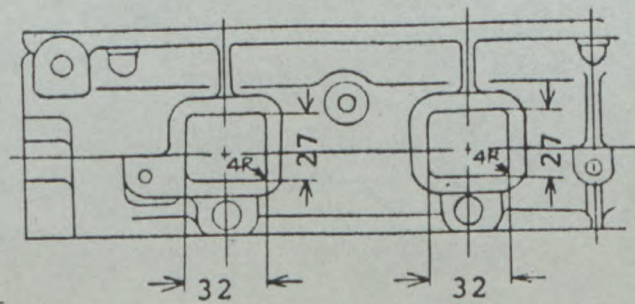
Drawing exhaust manifold ports, side of cylinder-head/housing scale or dimensions and manufacturing tolerance.

排気マニホールドのポート (シリンダーヘッド側)



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

シリンダーヘッドの排気ポート (排気マニホールド側)



Unit: mm

Tolerance: 製造公差



Make Daihatsu

Model A20
型式

F.I.A. Rec. No.

DRIVE TRAIN
駆動系

CLUTCH
クラッチ

260. Type of clutch Dry single plate
形式
261. No. of plates 1
プレッシャープレートの数
262. Dia. of clutch plates 194 mm
プレッシャープレートの外径
263. Dia. of linings, inside 132 mm outside 190 mm
フェーシングの内径 外径
264. Method of operating clutch Hydraulic
作動方式

GEAR BOX (photograph H)
トランスミッション

270. Manual type, make Toyota Method of operation Mechanical
手動式の製造会社名 作動方式
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
自動式の製造会社名 形式
275. No. of forward ratios type
前進段数 形式
276. Location of gear-shift type
シフトレバーの位置 形式

| 277. | Manual 手動 | | Automatic 自動 | | Alternative manual/automatic 手動/自動 | | | |
|-----------------|---------------|--------------------------------------|---------------|-----------------|------------------------------------|-----------------|---------------|-----------------|
| | Ratio ギヤー比 | No. teeth 歯数 | Ratio ギヤー比 | No. teeth 歯数 | Ratio ギヤー比 | No. teeth 歯数 | Ratio ギヤー比 | No. teeth 歯数 |
| 1 | 3.59 | $\frac{33}{23} \times \frac{35}{14}$ | | | | | | |
| 2 | 2.02 | " $\times \frac{31}{22}$ | | | | | | |
| 3 | 1.38 | " $\times \frac{27}{28}$ | | | | | | |
| 4 | 1.00 | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| reverse リバース | 3.48 | $\frac{33}{23} \times \frac{34}{14}$ | | | | | | |



278. Overdrive, type
オーバードライブ形式
279. Forward gears on which overdrive can be selected
オーバードライブの作動段数
280. Overdrive ratio
オーバードライブ比

FINAL DRIVE
ファイナル

290. Type of final drive Hypoid gear
形式
291. Type of differential Bevel gear
差動機形式
292. Type of limited slip differential (if fitted)
リミテッドスリップデフの形式
293. Final drive ratio 4.10
ギヤー比 41
Number of teeth 10
歯数



Make Daihatsu

Model A20
型式

F.I.A. Rec. No.

REBORING DIMENSION

| | | | | |
|---------------------------------|------|-----------------|-------|--------|
| * Max Bore | 80.3 | mm | 3.16 | inches |
| ** Max Capacity Per Cylinder | 354 | cm ³ | 21.60 | cu.in |
| *** Max Total Cylinder Capacity | 1417 | cm ³ | 86.47 | cu.in |

COMBUSTION CHAMBER

| | | | | |
|------------------------------------------------------|------------|-----------------|------|-------|
| * Volume of one combustion chamber of cylinder head. | 68.9 | cm ³ | 4.21 | cu.in |
| ** Thickness of cylinder headgasket when compressed. | 1.0~1.2 mm | | | |

Optional equipment affecting preceding information. This to be stated together with reference number.

オプション:

| BRAKE | Front(Disc) | Rear(Drum) |
|-----------------------------------|----------------------|-----------------------|
| 93. Number of cylinders per wheel | 2 | 1 |
| 94. Bore of wheel cylinder(s) | 50.8 mm | 20.6 mm |
| Drum Brakes | | |
| 95. Inside diameter | | 228 mm |
| 96. Length of brake linings | | 219 mm |
| 97. Width of brake linings | | 40 mm |
| 98. Number of shoes per brake | | 2 |
| 99. Total area per brake | | 17520 mm ² |
| Disc Brakes | | |
| 100. Outside diameter | 184 mm | |
| 101. Thickness of disc | 9 mm | |
| 102. Length of brake linings | 97 mm | |
| 103. Width of brake linings | 46 mm | |
| 104. Number of pads per brake | 2 | |
| 105. Total area per brake | 8924 mm ² | |

Photo. F Front brake disc
with caliper(s)

Caliper

part No. 47710-12100 (RH)
47720-12100 (LH)

Disc

part No. 43512-20032



Photo. G Rear brake

Part No. 47400-87106 (RH)
47500-87106 (LH)

Make Daihatsu

Model A20
型式

F.I.A. Rec. No.

Photograph

写真

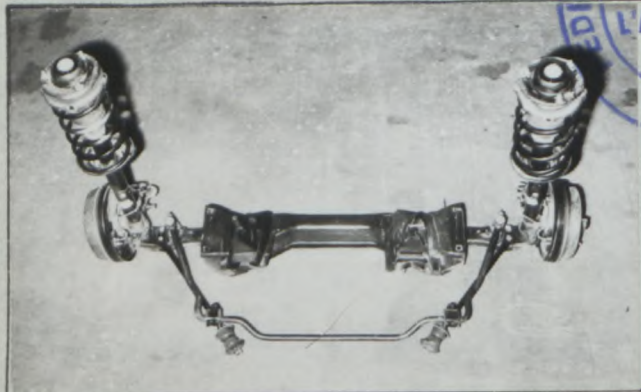
B, 3/4 view of car from rear 全体写真 (斜め後方)



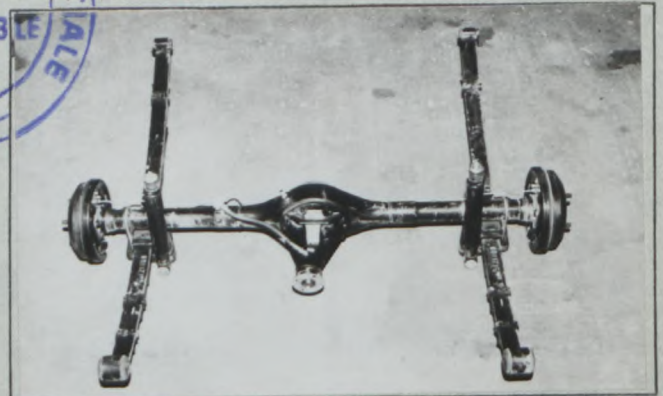
C, Interior view of car through driver's door (open) ~~with dashboard~~ 運転席附近



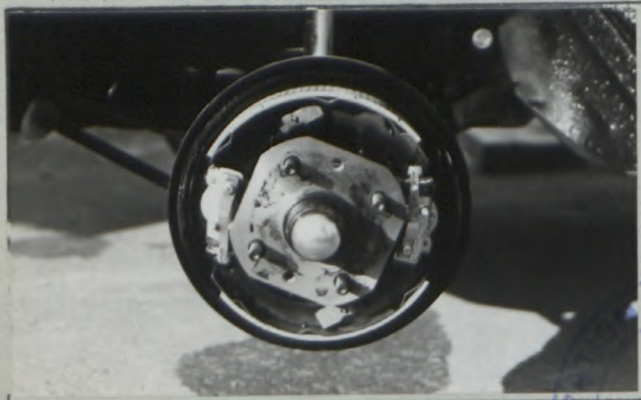
D, Front axle complete, removed from car. Without wheels. フロントサスペンション



E, Rear axle complete without wheels, removed from car. リヤサスペンション



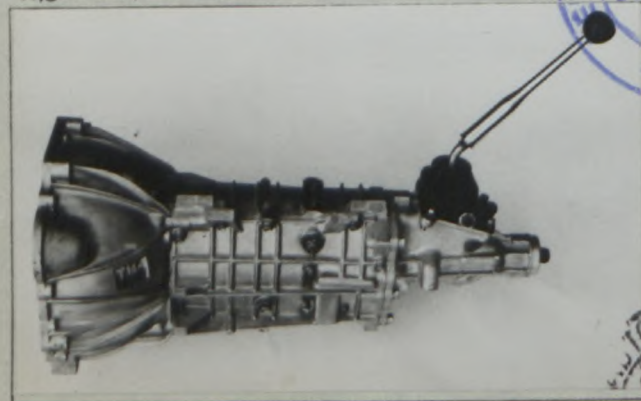
F, Front brake, drum removed ~~in disc with calipers~~ フロントブレーキ



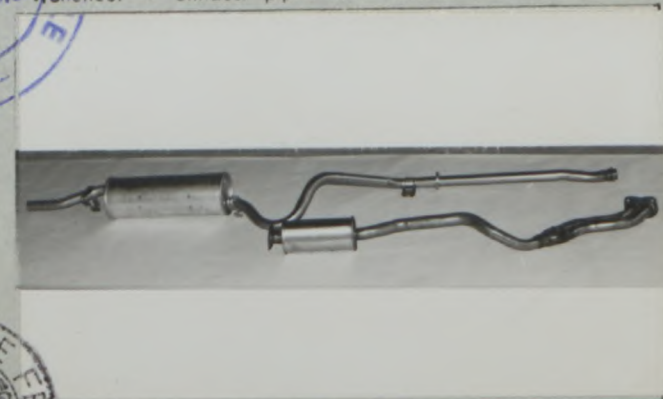
G, Rear brake, drum removed ~~in disc with calipers~~ リヤブレーキ



H, Gear-box, view from side トランスミッション



I, Silencer + exhaust pipes after exhaust manifold 排気系



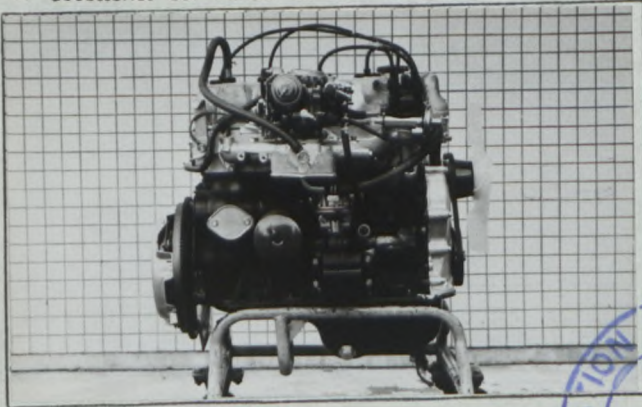
Make Daihatsu

Model A20
型式

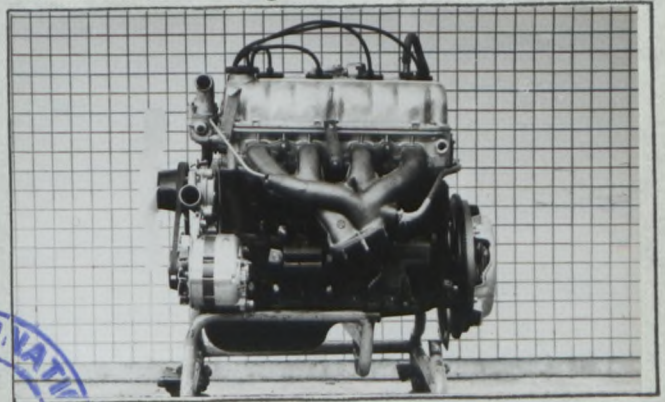
F.I.A. Rec. No.

Photograph

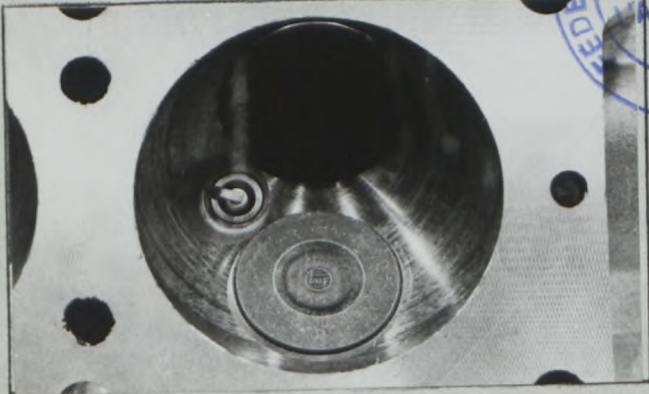
Engine unit out of car, from right. With clutch and accessories but without air filter nor gear-box. エンジン右側面



Engine unit out of car, from left. With clutch and accessories but without gear-box nor air filter. エンジン左側面



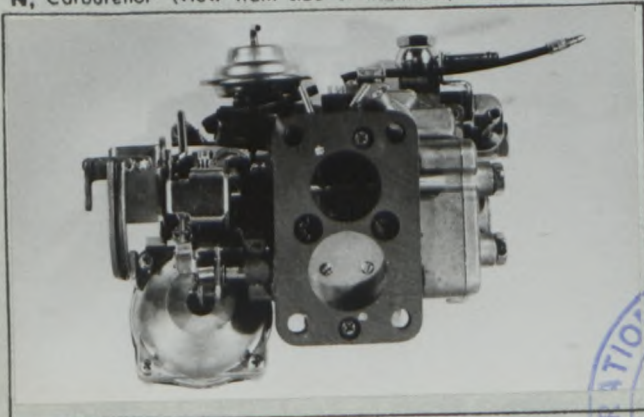
L, Combustion chamber 燃焼室



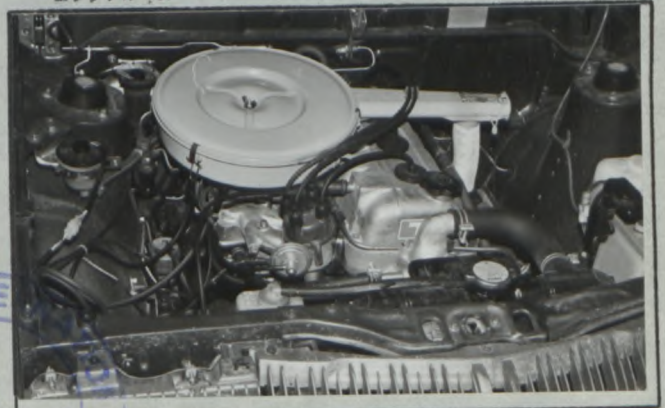
M, Piston crown ピストンクラウン



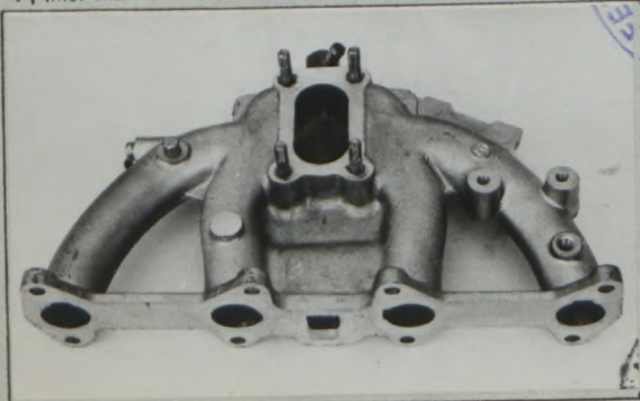
N, Carburettor (view from side of manifold) 気化器



O, Engine in car with all accessories, bonnet open エンジンルーム



P, Inlet manifold 吸気マニホールド

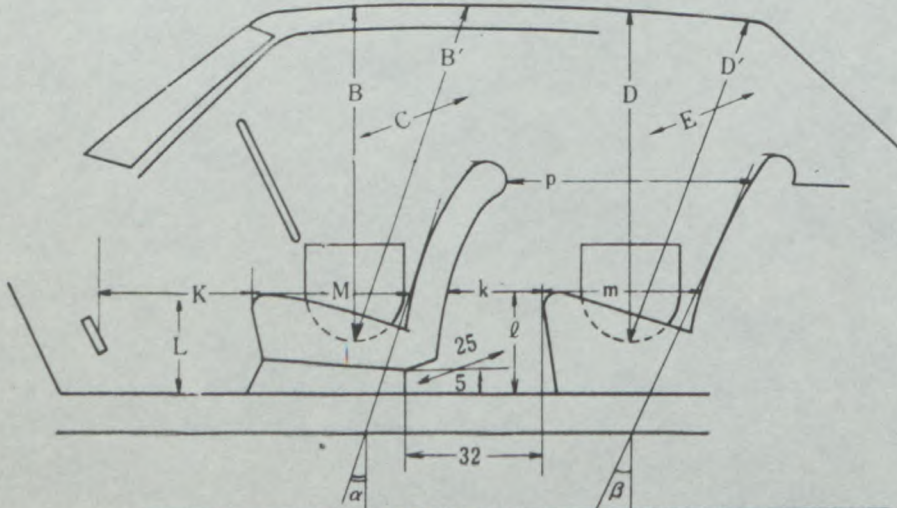


Q, Exhaust manifold 排気マニホールド



DIMENSIONS OF INTERIOR
室内寸法
(Conform to Art. 253 b of Appendix J)

For four seaters:
4座席



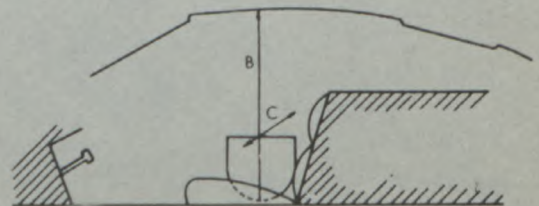
| Minimum Dimensions (cm) | | | | | | | |
|-------------------------|-----|----------|-----|------|----|---------|-----|
| B | B' | α | C | D | D' | β | E |
| 97 | 108 | 24° | 129 | 95.5 | 97 | 24° | 128 |



| Minimum Dimensions (cm) | | | | | | | | |
|-------------------------|-----|--------------|------|------------------|----|------|-------|-------|
| L | l | M | m | k+m | p | k | k+l+m | K+L+M |
| 30.5 | 32 | 48 | 43.5 | 66 | 57 | 22.5 | 98 | 122 |
| 0.9L = 27.45 | | 0.85M = 40.8 | | 0.85(k+m) = 56.1 | | (15) | (95) | (120) |

For two seaters:
2座席

| Minimum Dimensions | |
|--------------------|----|
| B | C |
| cm | cm |



Make Daihatsu

Model A20
型式

J.A.F.公認番号 T-223

F.I.A. Rec. No.

Optional equipment affecting preceding information. This to be stated together with reference number.
オプション:

Gear box

271. No. of gear-box ratios forward

5

272. Synchronized forward ratios

1, 2, 3, 4 & 5

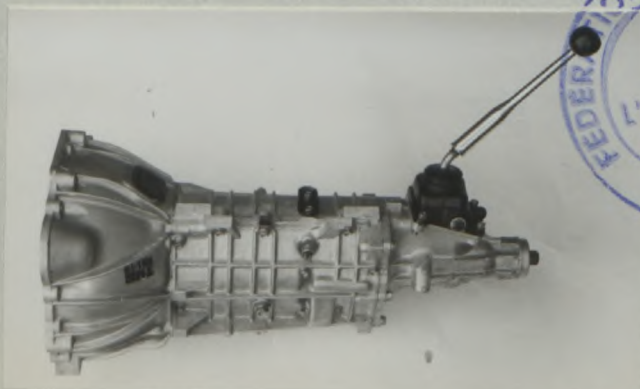
| 277 | Manual | |
|---------|--------|--------------------------------------|
| | Ratio | No. teeth |
| 1 | 3.59 | $\frac{33}{23} \times \frac{35}{14}$ |
| 2 | 2.02 | " $\times \frac{31}{22}$ |
| 3 | 1.38 | " $\times \frac{27}{28}$ |
| 4 | 1.00 | |
| 5 | 0.86 | $\frac{33}{23} \times \frac{21}{35}$ |
| reverse | 3.48 | $\frac{33}{23} \times \frac{34}{14}$ |

Final drive

293. Final drive ratio 4.30

Number of teeth

$\frac{43}{10}$



Photograph H

★ Part No. 33020-12030





JAPAN AUTOMOBILE FEDERATION

社団 日本自動車連盟
法人

J.A.F. 公認番号 T-22³4E-1
発効年月日

F.I.A. Homol. No 5605

01/01E

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 Daihatsu Motor Co., Ltd. **Model** A20, Daihatsu Charmant
 製造会社名 型式及び通称名
Modification's application starts with serial No. chassis 適用シャーシー型式 ~~CEG~~ A20
 engine 適用エンジン型式 T
Application of this amendment started the 78.4.1.
 適用年月日
Commercial denomination after application of modifications Daihatsu Charmant
The modifications are to be considered as: ~~XCCXX~~ / normal evolution of the type
~~XCCX~~ / 正常進化
Date amendment is valid from -1 JAN. 1979 **List**

Description of amendment 内容

o Outer view

Photo A: 3/4 view of car from front



Photo B: 3/4 view of car from rear



o For the following items, the number in bracket shows the number of new formed recognition sheet.

| | | | | |
|------|-------|----------------------|----------|----|
| 4. | (6) | Overall length | 411.0 | cm |
| 5. | (-) | Overall width | 153.0 | cm |
| 6. | (-) | Overall height | 138.0 | cm |
| 44. | (31) | Front bumper, weight | 3.5 | kg |
| 45. | (32) | Rear bumper, weight | 3.8 | kg |
| 187. | (166) | B.T.D.C. | 19° ± 5° | |
| 188. | (167) | A.B.D.C. | 45° ± 5° | |
| 202. | (176) | B.B.D.C. | 60° ± 5° | |
| 203. | (177) | A.T.D.C. | 10° ± 5° | |

Stamp and signature of the JAF

Stamp and signature of the F.I.A.

JAF公認印及び署名

難波靖治

Yasuharu Nanba



Make

Model
 型式

01/01E

| | | | |
|------------------------|-------------|-----------|-------------|
| 255. (205) Cam profile | Inlet cam | S=22.6 mm | 0.89 inches |
| | | T=16.3 mm | 0.64 inches |
| | | U=32.6 mm | 1.28 inches |
| | Exhaust cam | S=22.4 mm | 0.88 inches |
| | | T=15.9 mm | 0.63 inches |
| | | U=31.9 mm | 1.26 inches |

258. (-) Dimension of exhaust port (exhaust manifold) 26 X 32 mm

259. (-) Dimension of exhaust port (cylinder head) 26 X 32 mm

Photo C. Dashboard
 (Right handle model)



Photo C. Dashboard
 (Left handle model)





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

REPORT ON MOTOR VEHICLE PRODUCTION

生産証明書

Sub-Commission of Recognition
International Sporting Commission
FEDERATION INTERNATIONALE OF AUTOMOBILE

Date 8th April, 1975
年月日

Manufactured by
製造者名

Daihatsu Motor Co., Ltd.

Name of the Car
適用車輛名、型式

Daihatsu Charmant A20

Production Number of
生産台数

the car

| Month/Year 年月 | NUMBER | | | | |
|---------------|--------|------|------|---|---|
| | A | B | C | D | E |
| Nov. / '74 | 1274 | 497 | 854 | | |
| Dec. / '74 | 2111 | 895 | 1226 | | |
| Jan. / '75 | 2378 | 1012 | 1134 | | |
| Feb. / '75 | 2480 | 1295 | 1205 | | |
| Mar. / '75 | 2516 | 1371 | 1143 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Total 合計 | 10759 | 5070 | 5562 | | |

Remarks 注 A: Daihatsu Charmant A20
B: The car with 5 speed gear box
C: The car with disc brakes

I hereby swear that the production of this name of the car
上記の通り確かに生産したことを

has been certainly done as above.
証明いたします。

Signature
署名

Junichi Ono

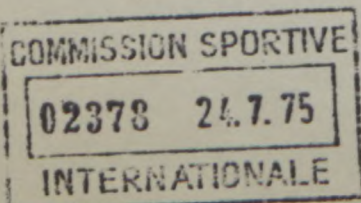
Signature

Position
所属、役職

Managing Director Daihatsu Motor Co., Ltd.

Position

Certified by



JAPAN AUTOMOBILE FEDERATION

難波靖治

Yasuharu Nanba



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

REPORT ON MOTOR VEHICLE PRODUCTION

生産証明書

Sub-Commission of Recognition

Date 8th April, 1975

International Sporting Commission

年月日

FEDERATION INTERNATIONAL OF AUTOMOBILE

Manufactured by

Daihatsu Motor Co., Ltd.

製造者名

Name of the Car

Daihatsu Charmant A20

適用車輛名, 型式

Production Number of

the car

生産台数

| Month/ Year 年月 | NUMBER | | | | |
|----------------|--------|------|---|---|---|
| | A | B | C | D | E |
| Nov. / '74 | 1274 | 497 | | | |
| Dec. / '74 | 2111 | 895 | | | |
| Jan. / '75 | 2378 | 1012 | | | |
| Feb. / '75 | | 1295 | | | |
| Mar. / '75 | | 1371 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Total 合計 | 5763 | 5070 | | | |

Remarks 注 A: Daihatsu Charmant A20
B: The car with 5 speed gear box

I hereby swear that the production of this name of the car

上記の通り確かに生産したことを

has been certainly done as above.

証明いたします。

Signature

Junichi Ono

Signature

Position

所属, 役職

Position

Managing Director Daihatsu Motor Co., Ltd.

Certified by

JAPAN AUTOMOBILE FEDERATION

難波靖治

Yasuharu Nanba

Make Daihatsu

Model A20
型式

J.A.F公認番号 T-223

F.I.A. Rec. No. 5605

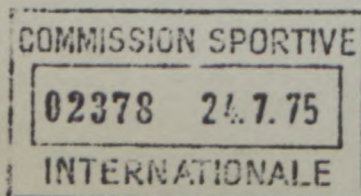
REBORING DIMENSION

| | | | | |
|---------------------------------|------|-----------------|-------|--------|
| * Max Bore | 80.3 | mm | 3.16 | inches |
| ** Max Capacity Per Cylinder | 354 | cm ³ | 21.60 | cu. in |
| *** Max Total Cylinder Capacity | 1417 | cm ³ | 86.47 | cu. in |

COMBUSTION CHAMBER

* Volume of one combustion chamber of cylinder head. 68.9 cm³ 4.21 cu. in
** Thickness of cylinder headgasket when compressed. 1.0~1.2 mm

Optional equipment affecting preceding information. This to be stated together with reference number.
オプション:



Make Daihatsu

Model A20
型式

J.A.F公認番号 T-223

F.I.A. Rec. No. 5605

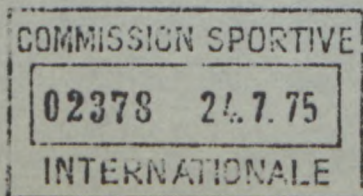
REBORING DIMENSION

| | | | | |
|---------------------------------|------|-----------------|-------|--------|
| * Max Bore | 80.3 | mm | 3.16 | inches |
| ** Max Capacity Per Cylinder | 354 | cm ³ | 21.60 | cu. in |
| *** Max Total Cylinder Capacity | 1417 | cm ³ | 86.47 | cu. in |

COMBUSTION CHAMBER

| | | | | |
|------------------------------------------------------|---------|-----------------|------|--------|
| * Volume of one combustion chamber of cylinder head. | 68.9 | cm ³ | 4.21 | cu. in |
| ** Thickness of cylinder headgasket when compressed. | 1.0~1.2 | mm | | |

Optional equipment affecting preceding information. This to be stated together with reference number.
オプション:



Make Daihatsu

Model A20
型式

J.A.F公認番号 T-223

F.I.A. Rec. No. 5605

REBORING DIMENSION

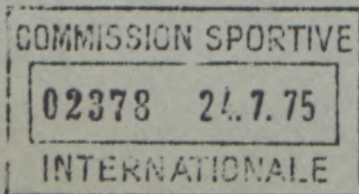
| | | | | |
|---------------------------------|------|-----------------|-------|--------|
| * Max Bore | 80.3 | mm | 3.16 | inches |
| ** Max Capacity Per Cylinder | 354 | cm ³ | 21.60 | cu. in |
| *** Max Total Cylinder Capacity | 1417 | cm ³ | 86.47 | cu. in |

COMBUSTION CHAMBER

| | | | | |
|------------------------------------------------------|---------|-----------------|------|--------|
| * Volume of one combustion chamber of cylinder head. | 68.9 | cm ³ | 4.21 | cu. in |
| ** Thickness of cylinder headgasket when compressed. | 1.0~1.2 | mm | | |

Optional equipment affecting preceding information. This to be stated together with reference number.

*オプション:





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

REPORT ON MOTOR VEHICLE PRODUCTION

生産証明書

Sub-Commission of Recognition

Date 12, Sep. 1978
年月日

International Sporting Commission

FEDERATION INTERNATIONAL OF AUTOMOBILE

01/01E

Manufactured by
製造者名

Daihatsu Motor Co., LTD.

Name of the Car
適用車種名, 型式

Daihatsu Charmant A20, A40

Production Number of
生産台数

the car

| Month / Year 年月 | NUMBER | | | | |
|-----------------|--------|---|---|---|---|
| | A | B | C | D | E |
| Mar. / '78 | 1205 | | | | |
| Apr. / '78 | 1753 | | | | |
| May. / '78 | 1385 | | | | |
| Jun. / '78 | 936 | | | | |
| Jul. / '78 | 998 | | | | |
| Aug. / '78 | 985 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Total 合計 | 7262 | | | | |
| Remarks 注 | | | | | |

I hereby swear that the production of this name of the car
上記の通り確かに生産したことを

has been certainly done as above.
証明いたします。

Signature K. Takai

署名 Kazuo Takai

Signature _____

Position
所属, 役職

General Manager Daihatsu Motor Co., LTD.

Position _____

Certified by

JAPAN AUTOMOBILE FEDERATION

難波靖治

Yasuharu Nanba