



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

JAF公認番号 -176
グループ フーリングカー
発効年月日 71-6月#B

F. I. A. Recognition No.
Group 1

5426

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	Mitsubishi Motors Corporation	Cylinder-capacity 総排気量	Reciprocation 1597 cm ³ 97.5 cu.in. レンプロ	Special cm ³ cu.in. 特殊	Model 型式及び通称名	A53 C (Colt Galant GTO)
engine 製造開始エンジン番号	4G32-00001	Manufacturer	Mitsubishi Motors Corporation	List	71/10	
Recognition is valid from	1/10/71					

The manufacturing of the model described in this recognition form was started on Aug. 1970 and the minimum production of 5000 identical cars, in accordance with the specifications of this form was reached on Mar. 1971

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

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 JAF

JAF公認印及び署名

Yasuharu Nanba

Stamp and signature of the F. I. A.

Make **Mitsubishi**

Model **A53 C**
型式

J.A.F.公認番号 **T-176**
F.I.A. Rec. No. **5426**

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

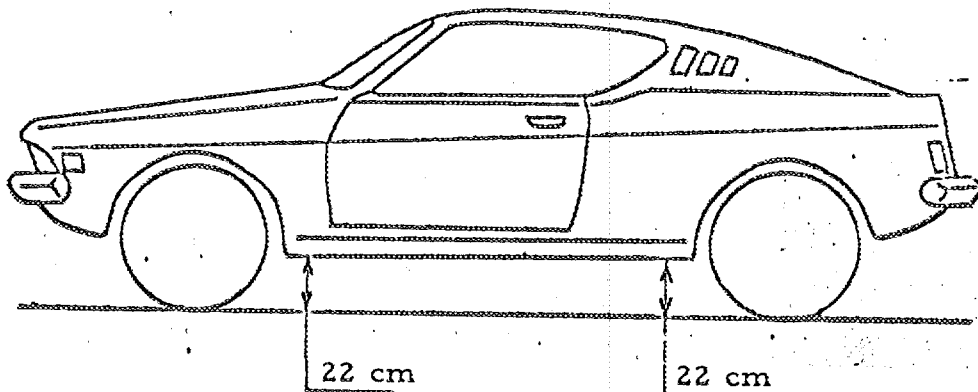
CAPACITIES AND DIMENSIONS
仕様諸元

1. <u>Wheelbase</u> ホイールベース	242	cm	95.3	inches
2. <u>Front track</u> トレッド(前)	129	cm	50.6	inches *
3. <u>Rear track</u> トレッド(後)	129	cm	50.6	inches *
4. Overall length of the car 全長	412.5	cm	162.3	inches
5. Overall width of the car 全幅	158	cm	62.2	inches
6. Overall height of the car 全高	133	cm	52.2	inches
7. Capacity of fuel tank (reserve included) 燃料タンク容量	11.9	Gallon US	45	ltrs Gallon Imp.
8. Seating capacity 定員	5			
9. <u>Weight, total weight</u> of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools. 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)	865	kg	1909	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.



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

車軸上の車体幅	Front フロント	155	cm	Rear リヤ	158	cm
---------	---------------	-----	----	------------	-----	----

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

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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/ボデーの構造 ~~別体~~ / 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
ボデーの材質
- 24. Number of doors **2** 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 lid の材質
- 27. Material (s) of rear-window **Glass**
リヤウインドシールドの材質
- 28. Material (s) of windscreen **Glass**
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
リヤ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**
リヤ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 - ~~xxx~~
- 39. Air-conditioning : ~~xxx~~ - no
- 40. Ventilation : yes - ~~xxx~~
- 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 :
15 x 2 . kg lbs
- 43. Rear seats, type of seats and upholstery **Bench, vinyl**
- 44. Front bumper, material (s) **Steel** Weight **5.5 kg lbs**
フロントバンパーの材質 重量
- 45. Rear bumper, material (s) **Steel** Weight **4.5 kg lbs**
リヤバンパーの材質 重量

WHEELS
ホイール

- 50. Type **Pressed steel**
- 51. Weight (per wheel, without tyre) **6.5 kg lbs**
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 : ~~yes~~ - no
パワーステアリング ~~有~~ - 無
- 62. Number of turns of steering wheel from lock to lock **3.5**
ロックツーロック
- 63. In case of servo-assistance

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SUSPENSION

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

BRAKES (photographs F and G)

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

	FRONT フロント		REAR リヤ	
93. Number of cylinders per wheel ホイール毎のシリンダー数	2		1	
94. Bore of wheel cylinder (s) ホイールシリンダーの内径	48.1	mm	19.0	mm
Drum Brakes ドラムブレーキ				
95. Inside diameter ドラムの内径		mm	228	mm
96. Length of brake linings ライニングの長さ		mm	220	mm
97. Width of brake linings ライニングの幅		mm	35	mm
98. Number of shoes per brake ブレーキ当りのシューの数			2	
99. Total area per brake 1ブレーキ当りの総摩擦面積		mm ²	15400	mm ²
Disc brakes ディスクブレーキ				
100. Outside diameter ディスクの外径	239	mm		mm
101. Thickness of disc ディスクの厚さ	10	mm		mm
102. Length of brake linings パッドの長さ	46	mm		mm
103. Width of brake linings パッドの幅	61	mm		mm
104. Number of pads per brake ブレーキ当りのパッドの数	2			
105. Total area per brake 1ブレーキ当りの総摩擦面積	5600	mm ²		mm ²

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ENGINE (photographs J and K) **
エンジン

- 130. Cycle 4 131. Number of cylinders 4
サイクル シリンダー数
- 132. Cylinder arrangement In line
シリンダー配列
- 133. Bore 77 mm 3.03 in. 134. Stroke 86 mm 3.39 in.
ボア ストローク
- 135. Capacity per cylinder 399 cm³ 24.35 cu. in.
1シリンダーの排気量
- 136. Total cylinder-capacity 1597 cm³ 97.46 cu. in.
総排気量
- 137. Material (s) of cylinder block Cast-iron
シリンダーブロックの材質
- 138. Material (s) of sleeves (if fitted)
スリーブの材質
- 139. Cylinder-head, material (s) Al-alloy Number fitted 1
シリンダーヘッドの材質 数
- 140. Number of inlet ports 4 141. Number of exhaust ports 4
吸気孔の数 排気孔の数
- 142. Compression ratio 8.5
- 143. Volume of one combustion chamber 53.2 cm³ cu. in.
- 144. Piston, material Al-alloy 145. Number of rings 3
ピストンの材質 リングの数
- 146. Distance from gudgeon pin centre line to highest point of piston crown
34 mm inches
- 147. Crankshaft : ~~proddack~~ / stamped
クランクシャフト ~~鍛造~~ / 鍛造
- 148. Type of crankshaft : integral /
クランクシャフトの形式 : 一体式 /
- 149. Number of crankshaft main bearings 5
- 150. Material of bearing cap Cast-iron
ベアリングキャップの材質
- 151. System of lubrication : ~~dry sump~~ / oil in sump
潤滑方式 : ~~ドライサンプ~~ / ウェットサンプ
- 152. Capacity, lubricant 4.0 ltrs pts quarts US
潤滑油量
- 153. Oil cooler : ~~yes~~ / no
オイルクーラー : ~~有~~ / 無
- 154. Method of engine cooling Water
エンジン冷却方式
- 155. Capacity of cooling system 6.0 ltrs pints quarts US
- 156. Cooling fan (if fitted), dia. 320 mm inches
- 157. Number of blades of cooling fan 4

Bearings **
ベアリング

- 158. Crankshaft main, type Plain Dia. 57 mm in.
メインベアリングの形式 内径
- 159. Connecting rod big end, Plain Dia. 45 mm in.
コネクティング大端部ベアリングの形式 内径

Weights **

- 160. Flywheel (clean) 7.5 kg lbs
- 161. Flywheel with clutch (all turning parts) 12.3 kg lbs
- 162. Crankshaft 12.8 kg lbs 163. Connecting rod 0.63 kg lbs
- 164. Piston with rings and pin 0.40 kg lbs

** for additional information concerning Wankel rotary engines see page 15, 16
ロータリーエンジンは15, 16頁参照

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FOUR STROKE ENGINES * , * *

4サイクルエンジン

- 170. Number of camshafts 1
- 171. location of camshafts Cylinder head
- 172. Type of camshaft drive Chain
- 173. Type of valve operation Rocker arm

INLET (see page 8) * , * *

吸気系

- 180. Material(s) of inlet manifold Al-alloy
- 181. Diameter of valves 38 mm 1.50 inches
- 182. Max. valve lift 10 mm 0.37 inches
- 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) 0.07 mm
- 187. Valves open at (with tolerance for tappet clearance indicated) B. T. D. C 32° ± 7°
- 188. Valves close at (with tolerance for tappet clearance indicated) A. B. D. C 60° ± 7°
- 189. Air filter, type Dry

EXHAUST (see page 8) * , * *

排気系

- 195. Material (s) of exhaust manifold Cast-iron
- 196. Diameter of valves 31 mm 1.22 inches
- 197. Max. valve lift 10 mm 0.37 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) 0.17 mm
- 202. Valves open at (with tolerance for tappet clearance indicated) B. B. D. C 63° ± 7°
- 203. Valves close at (with tolerance for tappet clearance indicated) A. T. D. C 29° ± 7°

CARBURETION (photograph N)

気化器

- 210. Number of carburetors fitted 1
- 211. Type Down - draft
- 212. Make MIKUNI
- 213. Model 28 - 32 DIDS
- 214. Number of mixture passages per carburettor 2
- 215. Flange hole diameter of exit port(s) of carburettor 28 & 32 mm
- 216. Minimum dimensions of mixture passage (s) 21 & 27 mm

INJECTION (if fitted)

燃料噴射

- 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

*) for additional information concerning two-stroke engines and super-charged engines see page 14.
2サイクルエンジン、過給機付エンジンは14頁参照

* *) for additional information concerning Wankel rotary engines see page 15, 16.
ロータリーエンジンは15, 16頁、参照

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ENGINE ACCESSORIES
エンジン補機

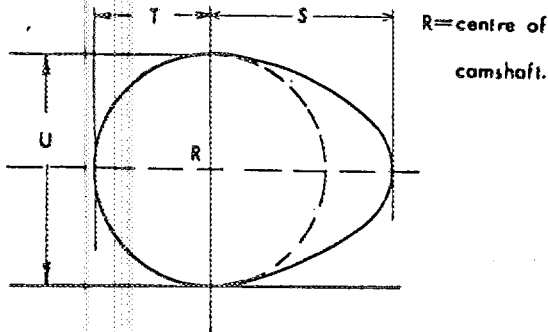
- 230. Fuel pump : mechanical and / ~~or electric~~
燃料ポンプ 機械式/電気式
- 232. Type of ignition system Make and break
点火方式
- 234. No. of ignition coils 1
コイルの数
- 236. Generator, type: ~~generator~~/alternator-number fitted 1
発電機 直流/交流 数
- 238. Voltage of generator 12 volts
- 240. Location Engine room
バッテリー位置
- 241. Voltage of battery 12 volts
バッテリー電圧

- 231. No. fitted 1
ポンプの数
- 233. No. of distributors 1
ディストリビューターの数
- 235. No. of spark plugs per cylinder/~~spark~~ 1
シリンダー当りのプラグ数 ~~XXXXXXXXXXXX~~
- 237. Method of drive V-Belt
駆動方式
- 239. Battery, number 1
バッテリーの数

ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- 250. Max. engine output 100 PS (type of horsepower: JIS) at 6300 rpm
- 251. Maximum rpm 6500 output at that figure 99 PS
- 252. Maximum torque 14.0 kg. m at 4000 rpm
- 253. Maximum speed of the car 170 km/hour miles / hour

255. Cam profile
カムプロフィール



Inlet cam

吸気カム

S =	21.0	mm	0.83	inches
T =	15.5	mm	0.61	inches
U =	31.0	mm	1.22	inches

Exhaust cam

排気カム

S =	21.1	mm	0.83	inches
T =	15.5	mm	0.61	inches
U =	31.1	mm	1.22	inches

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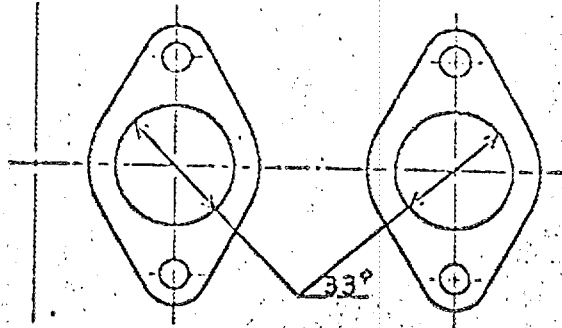
Model A53C
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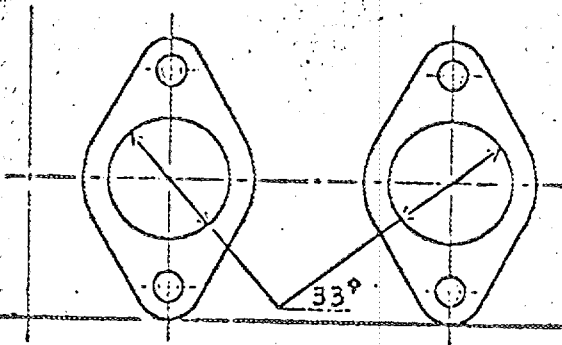
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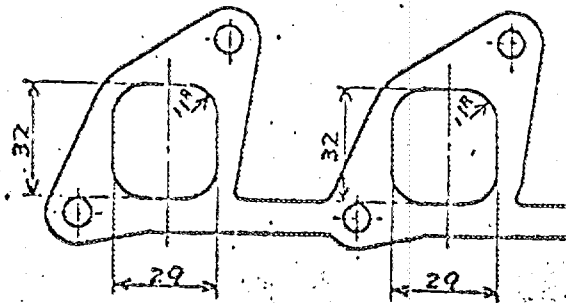
Drawing inlet manifold ports, side of cylinder-head/~~housing~~
scale or dimensions and manufacturing tolerance.



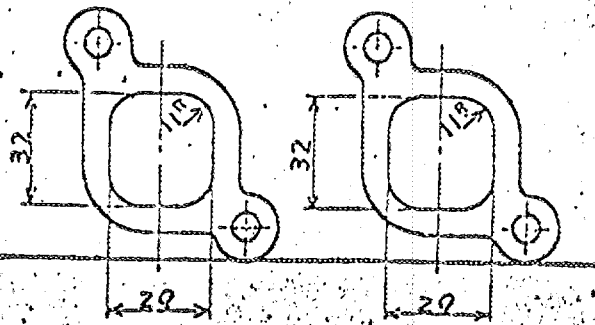
Drawing of entrance to inlet port of cylinder-head/~~housing~~
scale or dimensions and manufacturing tolerance.



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



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



Unit: mm

Tolerance: ± 0.5

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DRIVE TRAIN
駆動系

CLUTCH
クラッチ

- 260. Type of clutch **Dry plate**
形式
- 262. Dia. of clutch plates **202 mm** inches
プレッシャープレートの外径
- 263. Dia. of linings, inside **140 mm** in. outside **200 mm** in.
フェーシングの内径
- 264. Method of operating clutch **Mechanical**
作動方式

261. No. of plates **1**
プレッシャープレートの数

GEAR BOX (photograph H)
トランスミッション

- 270. Manual type, make **Mitsubishi**
手動式の製造会社名
- 271. No. of gear-box ratios forward **4**
前進段数
- 273. Location of gear-shift **Floor**
シフトレバーの位置
- 274. Automatic, make
自動式の製造会社名
- 275. No. of forward ratios
前進段数

Method of operation **Mechanical**
作動方式

272. Synchronized forward ratios **1, 2, 3 & 4**

type
形式
276. Location of gear-shift
シフトレバーの位置

277.	Manual 手動		Automatic 自動		Alternative manual / 手動 / 変速			
	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	3.53	$\frac{29}{17} \times \frac{31}{15}$			3.22	$\frac{28}{18} \times \frac{31}{15}$		
2	2.19	$\frac{29}{17} \times \frac{27}{21}$			2.00	$\frac{28}{18} \times \frac{27}{21}$		
3	1.44	$\frac{29}{17} \times \frac{22}{26}$			1.43	$\frac{28}{18} \times \frac{23}{25}$		
4	1.00				1.00			
5								
6								
reverse リバース	3.87	$\frac{29}{17} \times \frac{15}{15} \times \frac{34}{15}$			3.53	$\frac{28}{18} \times \frac{15}{15} \times \frac{34}{15}$		

- 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 **3.89** **4.22**
ギヤー比
- Number of teeth **35/9** **38/9**
歯数

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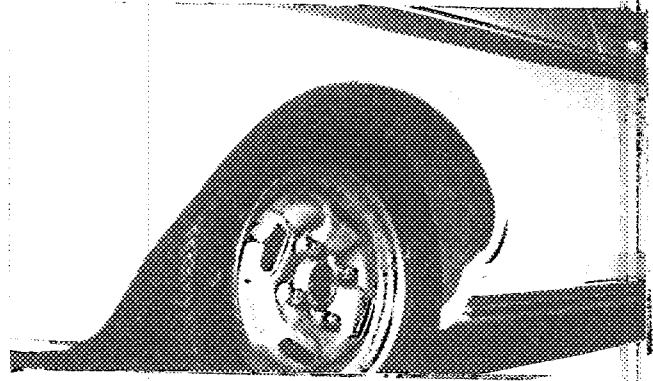
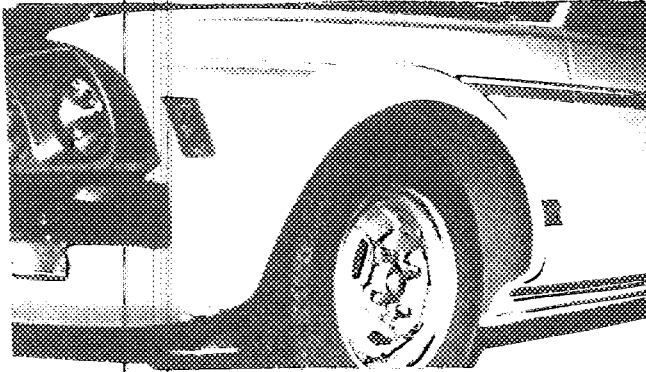
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Optional equipment affecting preceding information. This to be stated together with reference number.
オプション:

Wing extensions (NOT VARID FOR GROUP 1 ONLY)

Photograph



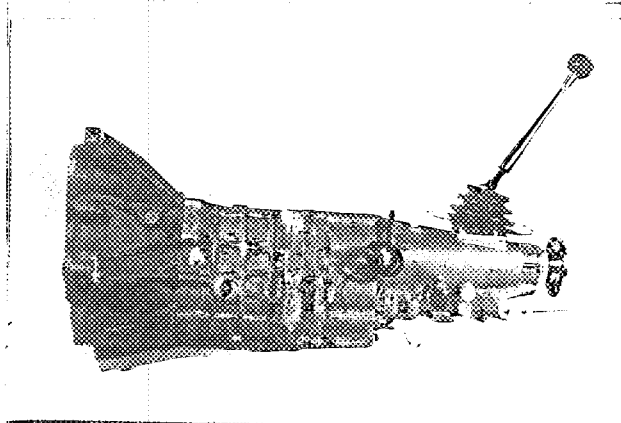
Parts No. F 0526321
R 0526321RG

Transmission (NOT VARID FOR GROUP 1 ONLY)

271 No. of gear-box ratio forward 5
272 Synchronized forward ratio 1. 2. 3. 4. & 5

277	Manual	
	Ratio	No. Teeth
1	3.20	$\frac{31}{20} \times \frac{33}{16}$
2	2.04	$\frac{31}{20} \times \frac{29}{22}$
3	1.27	$\frac{31}{20} \times \frac{23}{28}$
4	1.00	
5	0.85	$\frac{31}{20} \times \frac{18}{33}$
6		
Reverse	3.72	$\frac{31}{20} \times \frac{16}{15} \times \frac{36}{10}$

Photo H gear box view from side



Parts No. MD702300

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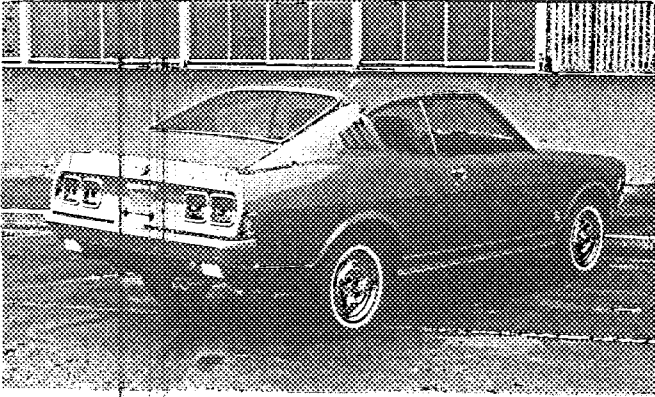
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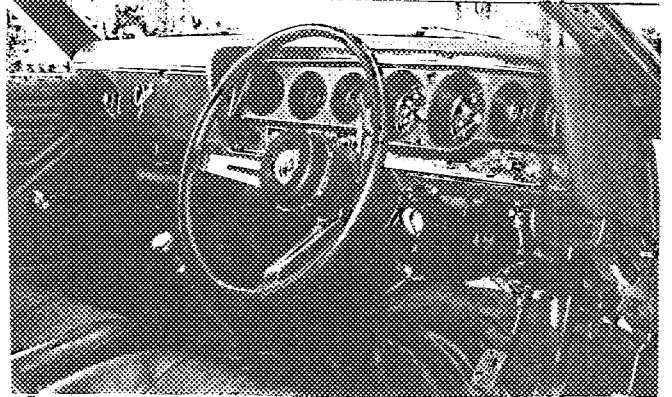
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Photograph
写真

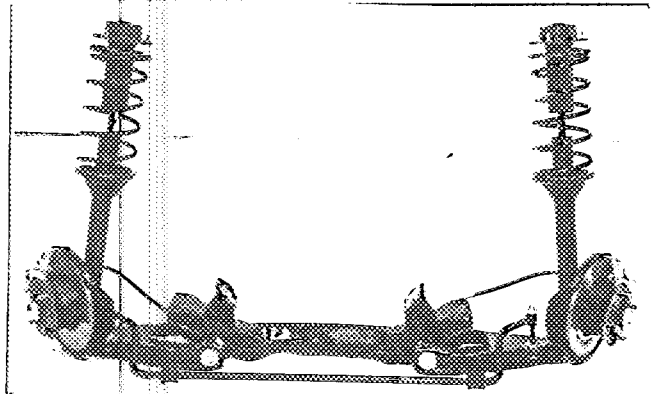
B, 3/4 view of car from rear 全体写真 (斜め後方)



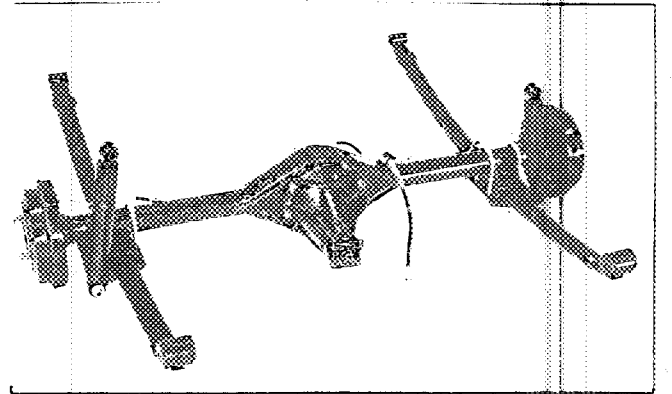
C, Interior view of car through driver's door (open or removed) with dashboard 運転席附近



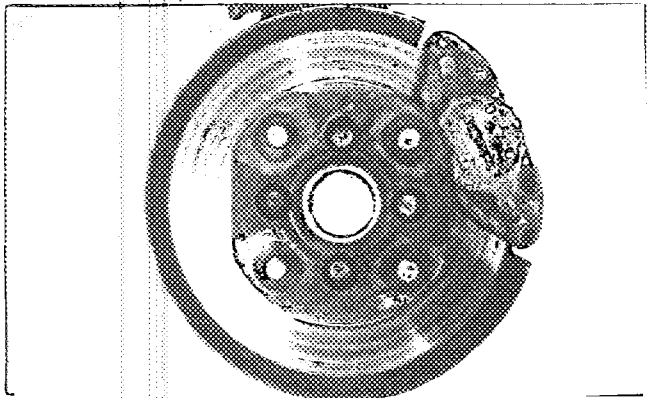
D, Front axle complete, removed from car. Without wheels. フロントサスペンション



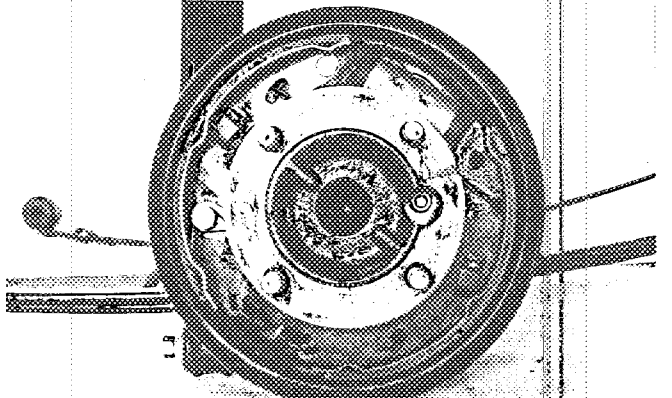
E, Rear axle complete without wheels, removed from car. リヤサスペンション



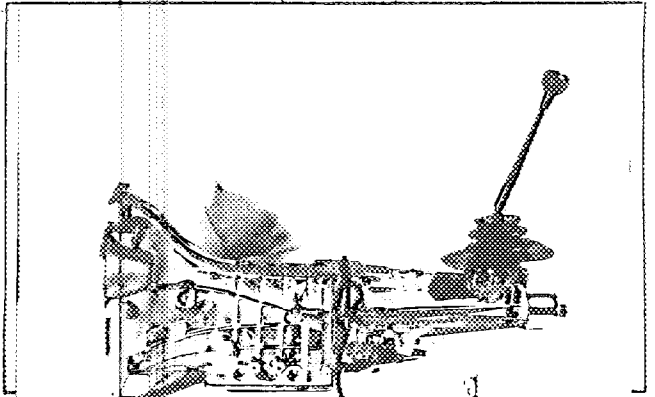
F, Front brake, drum removed or disc with caliperist フロントブレーキ



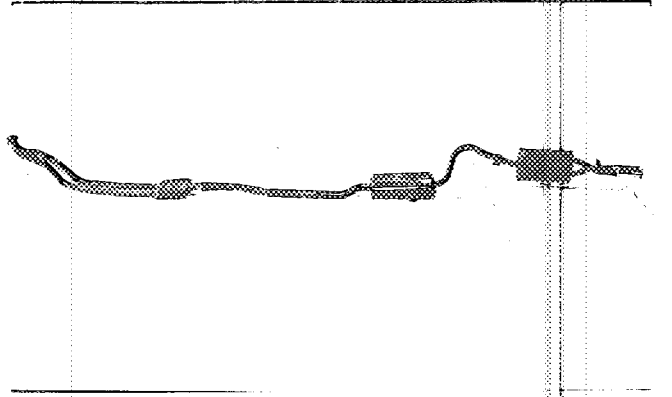
G, Rear brake, drum removed or disc with caliperist リヤブレーキ



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 Mitsubishi

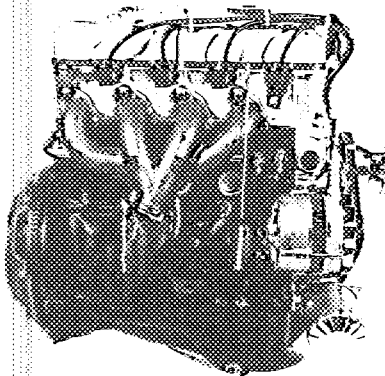
Model A53C
型式

J.A.F.公認番号
F.I.A. Rec. No.

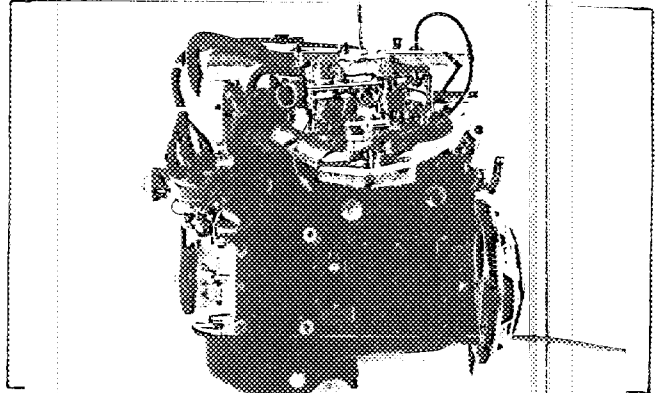
T-176
5426

Photograph

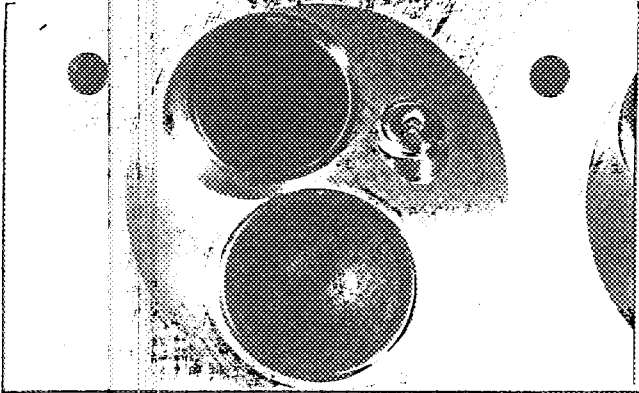
J, Engine unit out of car, from right. With clutch and accessories but without air filter nor gear-box. エンジン右側面



K, 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



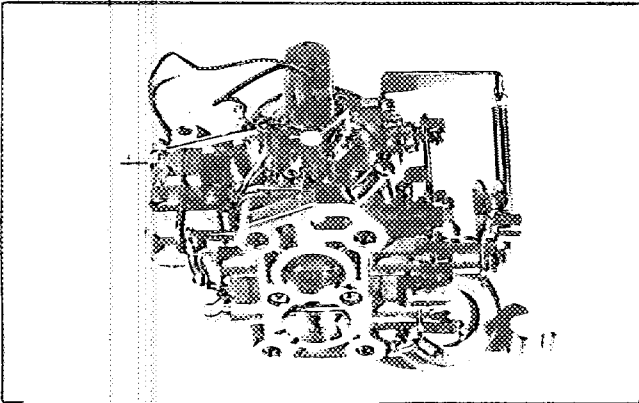
L, Combustion chamber 燃焼室 / Rotaxbohmung XXXXXXXXXXXX



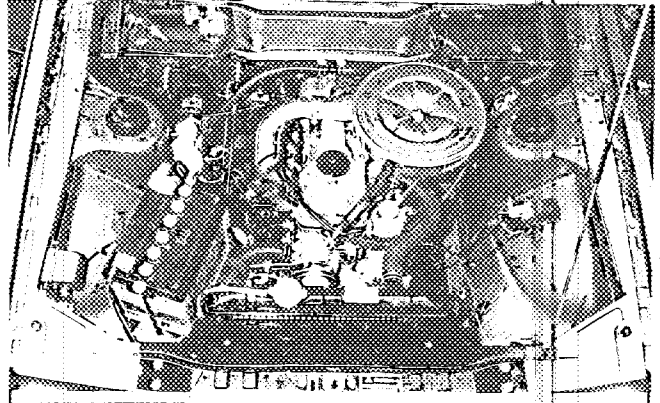
M, Piston crown ピストンクラウン / Rotaxbohmung XXXX X



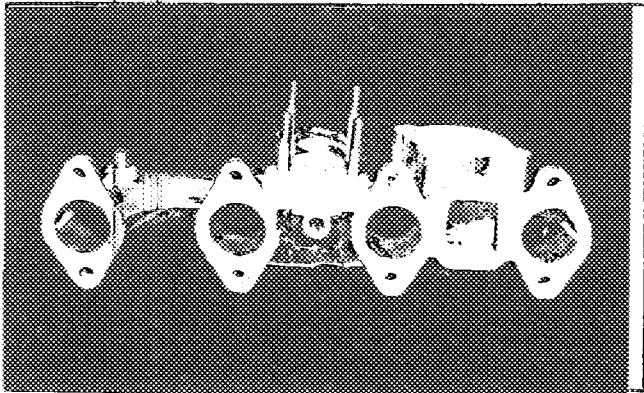
N, Carburettor (view from side of manifold) 気化器



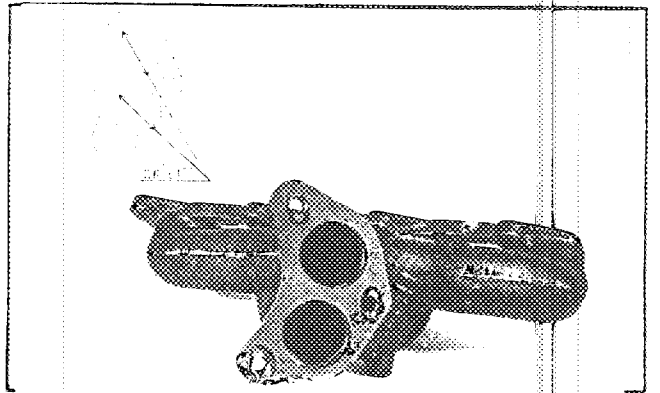
O, Engine in car with all accessories, bonnet open or removed. エンジンルーム



P, Inlet manifold 吸気マニホールド



Q, Exhaust manifold 排気マニホールド



Make Mitsubishi

Model A53C
形式

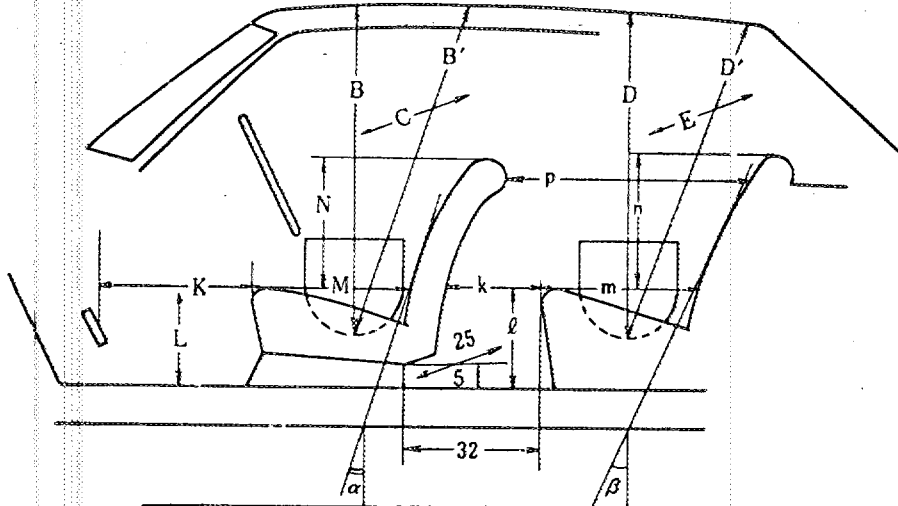
J.A.F. 公認番号

F.I.A. Rec. No.

T-176
5426

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

For four seaters:
4座席

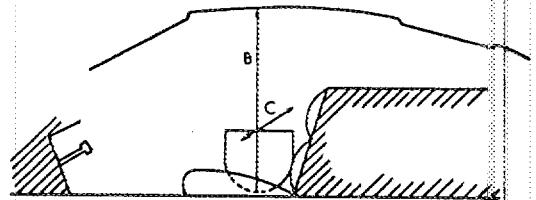


Minimum Dimensions (cm)							
B	B'	α	C	D	D'	β	E
92.5	101.0	15°	128.5	89.0	87.0	20°	127.0

Minimum Dimensions (cm)										
L	l	M	m	N	n	k+m	p	k	k+l+m	K+L+M
28.0	31.0	45.0	44.0	45.0	41.0	64.0	67.0	20.0	95.0	121.0
0.9L = 24.3		0.85M = 38.2		0.8N = 36.0		0.8(k+m) = 51.2		(15)	(95)	(120)

For two seaters:
2座席

Minimum Dimensions	
B	C
cm	cm



Make Mitsubishi

Model A53C
型式

J.A.F.公認番号
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5426

TWO STROKE ENGINES
2サイクルエンジン

300. System of cylinder scavenging 掃気方式					
301. Type of lubrication 潤滑方式					
302. Inlet ports, length measured around cylinder wall 吸気孔の幅				mm	inches
303. Height inlet port 吸気孔の高さ	mm		in. 304. Area 吸気孔の総面積	mm ²	sq. in.
305. Exhaust ports, length measured around cylinder wall 排気孔の幅				mm	inches
306. Height exhaust port 排気孔の高さ	mm		in. 307. Area 排気孔の総面積	mm ²	sq. in.
308. Transfer port, length measured around cylinder wall 掃気孔の幅				mm	inches
309. Height transfer port 掃気孔の高さ	mm		in. 310. Area 掃気孔の総面積	mm ²	sq. in.
311. Piston ports, length measured around piston ピストンポートの幅				mm	inches
312. Height piston port ピストンポートの高さ	mm		in. 313. Area ピストンポートの総面積	mm ²	sq. in.
314. Method of precompression プレコンプレッション方式			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 : 排気孔の最高点とブロック上面との距離				mm	inches
319. Distance from top of cyl. block to lowest point of inlet port : 吸気孔の最低点とブロック上面との距離				mm	inches
320. Distance from top of cyl. block to highest point of transfer port : 掃気孔の最高点とブロック上面との距離				mm	inches
321. Drawing of cylinder ports. シリンダーポート展開図					

330. Supercharging—state full details hereafter :
過給時

Unit: mm
Tolerance:

Make Mitsubishi

Model A53C
型式

J.A.F.公認番号

F.I.A. Rec. No.

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5426

Wankel Rotary Engine (photographs J and K)

ロータリーエンジン

400. Type & cycle			
形式及びサイクル			
401. No of rotors			
ローターの数			
402. Rotor arrangement			
ローターの配列			
403. Trochoid, length of major Axis	mm		in.
トロコイド長軸長さ			
404. Trochoid, length of minor Axis	mm		in.
トロコイド短軸長さ			
405. Trochoid, width	mm		in.
トロコイドの幅			
406. Trochoid, generating radius (Containing equidistance)	mm		in.
トロコイドの形成半径 (平行移動量を含む)			
407. Eccentricity	mm		in.
偏心率			
408. Capacity per Rotor	cm ³		cu. in.
1ローター当りの排気量			
409. Total capacity	cm ³		cu. in.
総排気量			
410. Equivalent total capacity (by App. J Art. 252)	cm ³		cu. in.
換算総排気量 (J項 252条による)			
411. Material(s) of side housing			
サイドハウジングの材質			
412. Material(s) of rotor housing			
ローターハウジングの材質			
413. Number of inlet ports			
吸気孔の数			
414. Number of exhaust ports			
排気孔の数			
415. Compression ratio			
416. Volume of one combustion chamber	cm ³		cu. in.
417. Rotor material			
ローターの材質			
418. Number of apex seal per rotor			
ローター当りのアペックスシールの数			
419. Number of corner seal per rotor			
ローター当りのコーナーシールの数			
420. Number of side seal per rotor			
ローター当りのサイドシールの数			

GR: 2



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-176V-1
発効年月日 71.6.15

F.I.A. Homol. No

5426
1/1V

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J.A.F.国内競技車両規則に従った公認書式。

Maker Mitsubishi **Model** A53C (Colt Galant GTO)
製造会社名 型式及び通称名
Modification's application starts with serial No. chassis 適用シャーシ番号 A53C-0000001
 engine 適用エンジン番号 4G32-00001
Application of this amendment started the 1st Aug. 1970
発効年月日
Commercial denomination after application of modifications A53C-GTO (Colt Galant GTO-MR)
The modifications are to be considered as: Variant / 型式 / 変更
Date amendment is valid from 発効年月日

Description of amendment 内容 (NOT VALID FOR GROUP 1 ONLY)

Another type of engine can be selected for A53C as maker's option

Photo. J

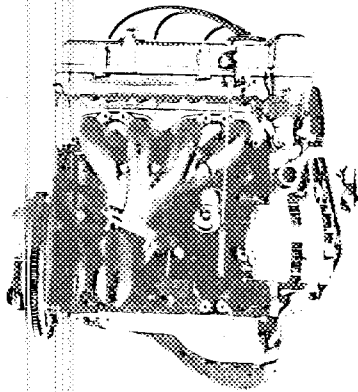
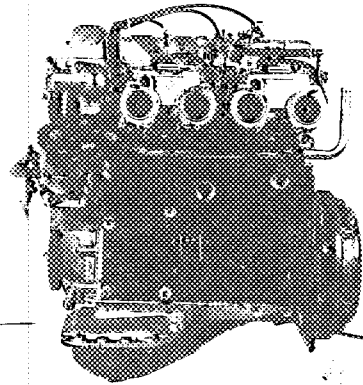


Photo. K



Further detailed specifications different from original engine are described on the attached sheets.

Stamp and signature of the JAF

JAF公認印用済

難波靖治

Yasuharu Nanba



Stamp and signature of the F.I.A.

[Signature]

GR: 2

Make Mitsubishi

Model A53C-GTO
型式

J.A.F.公認番号 T-176V-1
F.I.A. Rec. No. 5426/111V

ENGINE (Photograph J and K)

142	Compression ratio	9.5
143	Volume of one Combustion Chamber	46.9 cm ³
146	Distance from gudgeon pin center line to highest point of piston crown	36 mm
152	Capacity lubricant	5.0 ltrs
155	Capacity of cooling system	6.5 ltrs
156	Cooling fan (if fitted) dia	325 mm
157	Number of blades of Cooling fan	6

WEIGHT

160	Flywheel (clean)	8.2 kg
161	Flywheel with clutch	13.7 kg
162	Crank shaft	12.0 kg
164	Piston with rings and pin	0.42 kg

FOUR STROKE ENGINES

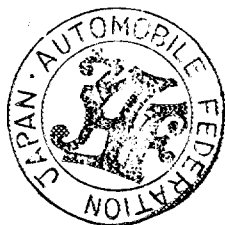
171	Number of camshaft	2
173	Type of valve operation	Direct

INLET

180	Material(s) of inlet manifold	No
181	<u>Diameter of valves</u>	41mm 1.61 inches
186	Tappet clearance for checking timing (cold)	0.30 mm
187	Valve open at (with tolerance for tappet clearance indicated)	B. T. D. C. 31° ± 7°
188	Valve Close at (with tolerance for tappet clearance indicated)	A. B. D. C. 61° ± 7°

EXHAUST

196	<u>Diameter of Valves</u>	36mm	1.42 inches
201	Tappet clearance for checking timing (cold)	0.30 mm	
202	Valve open at (with tolerance for tappet clearance indicated)	B. B. D. C. 71° ± 7°	
203	Valve close at (with tolerance for tappet clearance indicated)	A. T. D. C. 21° ± 7°	



Make Mitsubishi

Model A53C-GTO
型式

J.A.F 公認番号 T-176E-1
F.i.A. Rec. No. 5426MM

CARBURETION

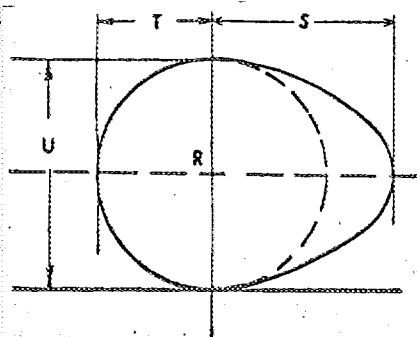
- 210 Number of carburettors fitted 2
- 211 Type Side-draft
- 213 Model 40PHH
- 215 Flange hole diameter of exit port(s) of carburettor 40 & 44 mm
- 216 Minimum dimensions of mixture pasage(s) 32 & 32 mm

ENGINE ACCESSORIES

- 230 Fuel pump ~~mechanical~~ and/or electric

ENGINE AND CAR PERFORMANCES

- 250 Max engine output 125 PS (type of horsepower: JIS) at 6800 rpm
- 251 Maximum rpm 7000 Output at that figure 124PS
- 252 Maximum torque 14.5 kgm at 5000 rpm
- 253 Maximum speed of the car 200km/hour
- 255 Cam profiles



R=centre of camshaft.

Inlet cam

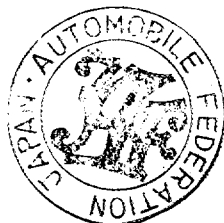
- S= 27.4mm 1.08 inches
- T= 17.0mm 0.67 inches
- U= 34.2mm 1.35 inches

Exhaust cam

- S= 27.4mm 1.08 inches
- T= 17.0mm 0.67 inches
- U= 34.2mm 1.35 inches

DRIVE TRAIN

- 262 Dia of clutch plate 217mm
- 263 Dia of linings inside 150mm
- outside 215mm



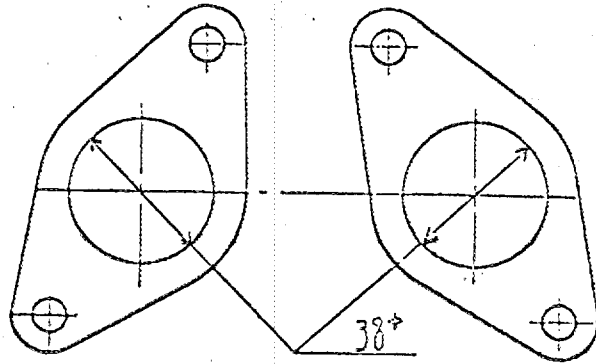
Make Mitsubishi

Model A53C-GTO

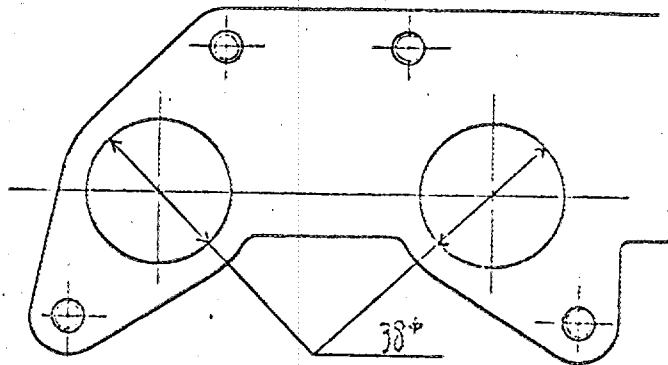
J.A.F.公認番号 7-1760-1

F.I.A. Rec. No.

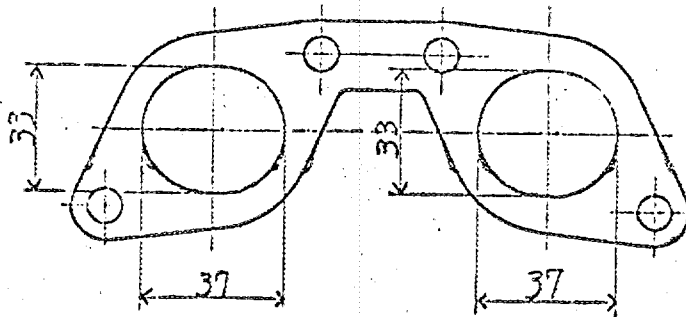
Drawing inlet manifold ports, side of cylinder-head/~~housing~~
scale or dimensions and manufacturing tolerance.



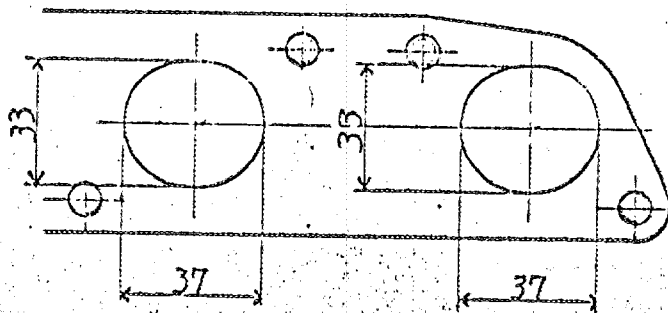
Drawing of entrance to inlet part of cylinder-head/~~housing~~
scale or dimensions and manufacturing tolerance.



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

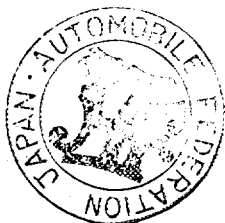


Drawing of exit to exhaust port of cylinder-head/~~housing~~
Indicate scale or dimensions and manufacturing tolerance.



Unit: mm

Tolerance: ± 1.5



GR: 2

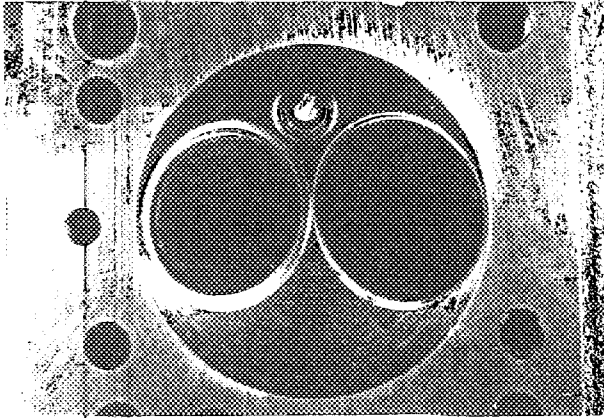
Make Mitsubishi

Model A53C-GTO
型式

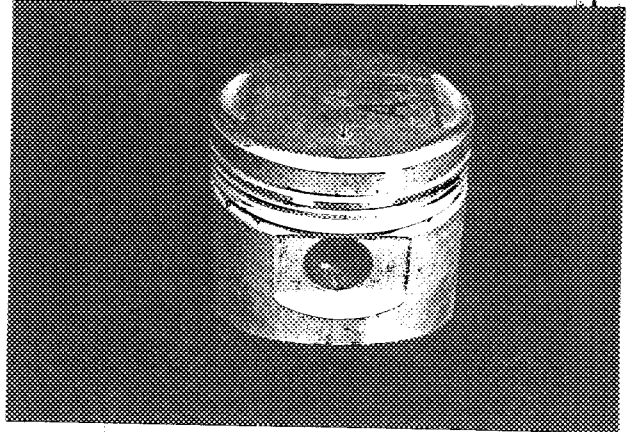
J.A.F.公認番号 T-1767-1
F.I.A. Rec. No. 5426/1110

Photograph

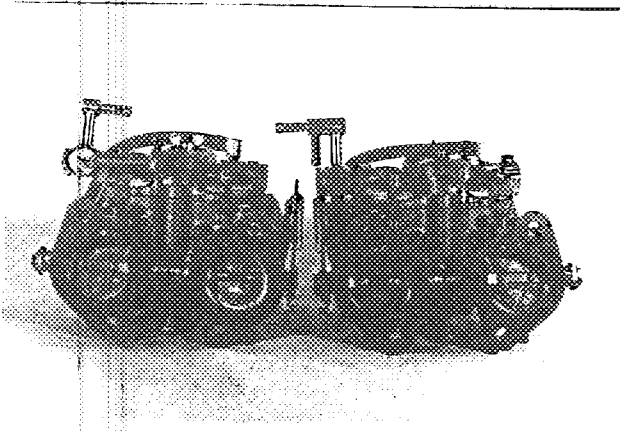
L. Combustion Chamber



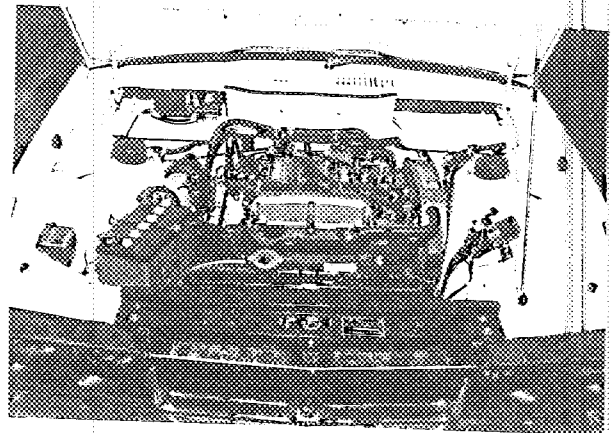
M. Piston crown



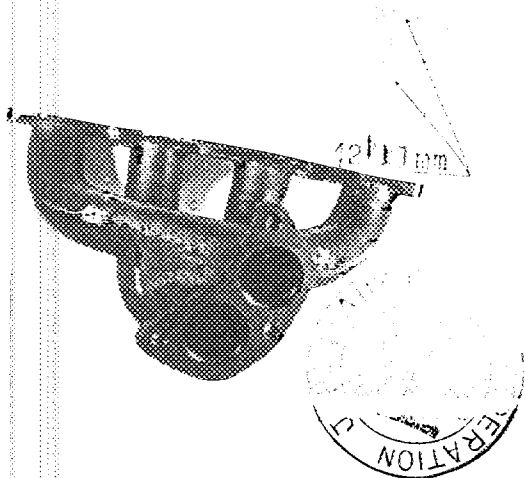
N. Carburettor
(view from side of Manifold)



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



Q. Exhaust manifold



GK: 2

Make Mitsubishi

Model A53C-GTO
型式

J.A.F.公認番号 T-1767-1
F.I.A. Rec. No. 5426/111

Photograph E Rear axle complete without wheels, removed from car

