



JAPAN AUTOMOBILE FEDERATION

社団法人・日本自動車連盟

JAF公認 T-190
グループ /
発効年月日 47. 3. 31
F. I. A. Recognition No. 5468
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	MITSUBISHI	Cylinder-capacity 総排気量	Reciprocation 1, 597 cm ³ 97.46 cu. in. レシプロ
Serial No of chassis 製造開始シャシー番号	A53H-0100001	Model 型式及び通称名	Special cm ³ cu. in. 特殊
Serial No of engine 製造開始エンジン番号	4G32-00001	Manufacturer	Mitsubishi Motors Corporation
Recognition is valid from		Manufacturer	Mitsubishi Motors Corporation
		List	

The manufacturing of the model described in this recognition form was started on Aug. 19 71 and the minimum production of 5,000 identical cars, in accordance with the specifications of this form was reached on Oct. 19 71

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 :

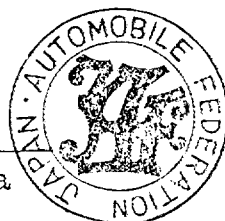
Variants				Normal evolution of the type			
on	19	rec. No.	List	on	19	rec. No.	List
on	19	rec. No.	List	on	19	rec. No.	List
on	19	rec. No.	List	on	19	rec. No.	List
on	19	rec. No.	List	on	19	rec. No.	List
on	19	rec. No.	List	on	19	rec. No.	List

Stamp and signature of the JAF

JAF公認印及び署名

尼山博史

Hiroshi Niwayama



Stamp and signature of the F. I. A.

Make **Mitsubishi**

Model **A53H**
型式

J.A.F.公認番号 T-190

F.I.A. Rec. No. **3468**

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

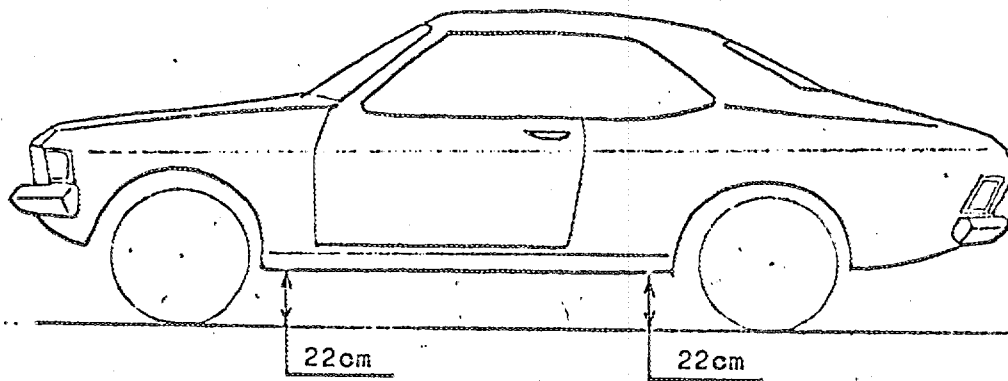
CAPACITIES AND DIMENSIONS
(仕様請求)

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	408 cm	160.6 inches
5. Overall width of the car 全幅	157 cm	61.8 inches
6. Overall height of the car 全高	136 cm	53.4 inches
7. <u>Capacity of fuel tank (reserve included)</u> 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 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)	855 kg	1,887 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 リア	157 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

Make Mitsubishi

Model A53H
型式

J.A.F公認番号 T-190

F.I.A. Rec. No. 5462

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 shock absorbers 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 axle
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 shock absorbers 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
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	48.1 mm	in.	20.6 mm	in.
Drum Brakes ドラムブレーキ				
95. Inside diameter ドラムの内径	mm	in.	203 mm	in.
96. Length of brake linings ライニングの長さ	mm	in.	220 mm	in.
97. Width of brake linings ライニングの幅	mm	in.	35 mm	in.
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	sq. in.	15,400 mm ²	sq. in.
Disc brakes ディスクブレーキ				
100. Outside diameter ディスクの外径	239 mm	in.	mm	in.
101. Thickness of disc ディスクの厚さ	10 mm	in.	mm	in.
102. Length of brake linings パッドの長さ	46 mm	in.	mm	in.
103. Width of brake linings パッドの幅	61 mm	in.	mm	in.
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	5,600 mm ²	sq. in.	mm ²	sq. in.

Make Mitsubishi

Model A53H
型式

ENGINE (photographs J and K) **

- | | | | |
|---|-----------|-------------------------------|---------------------|
| 130. Cycle | 4 | 131. Number of cylinders | 4 |
| 132. Cylinder arrangement | In line | | |
| 133. Bore | 76.5 mm | 134. Stroke | 86 mm |
| | 3.01 in. | | 3.39 in. |
| 135. Capacity per cylinder | | 399 cm ³ | 24.35 cu. in. |
| 136. Total cylinder-capacity | | 1,597 cm ³ | 97.46 cu. in. |
| 137. Material (s) of cylinder block | Cast-iron | | |
| 138. Material (s) of sleeves (if fitted) | | | |
| 139. Cylinder-head, material (s) | Al-alloy | Number fitted | 1 |
| 140. Number of inlet ports | 4 | 141. Number of exhaust ports | 4 |
| 142. Compression ratio | 8.5 | | |
| 143. Volume of one combustion chamber | | 53.2 cm ³ | cu. in. |
| 144. Piston material | Al-alloy | 145. Number of rings | 3 |
| 146. Distance from gudgeon pin centre line to highest point of piston crown | 34 mm | | |
| | | | inches |
| 147. Crankshaft : casted / stamped | | 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 | | |
| 151. System of lubrication : dry sump / oil in sump | | | |
| 152. Capacity, lubricant | 4.0 ltrs | pts | quarts US |
| 153. Oil cooler : yes / no | | 154. Method of engine cooling | Water |
| 155. Capacity of cooling system | 6.0 ltrs | pints | quarts US |
| 156. Cooling fan (if fitted), dia. | 320 mm | | |
| 157. Number of blades of cooling fan | 4 | | |
| | | | inches |
| Bearings ** | | | |
| 158. Crankshaft main, type | Plain | Dia. 内径 | 57 mm in. |
| 159. Connecting rod big end, | Plain | Dia. 内径 | 45 mm in. |
| Weights ** | | | |
| 160. Flywheel (clean) | 7.5 kg | lbs | |
| 161. Flywheel with clutch (all turning parts) | | 12.3 kg | lbs |
| 162. Crankshaft | 12.8 kg | 163. Connecting rod | 0.63 kg lbs |
| 164. Piston with rings and pin | 0.38 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

Make Mitsubishi Model A53H
 型式

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 of camshaft position Cylinder head
 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 Rocker arm
 バルブの作動方式
- INLET (see page 8) * , * ***
 吸気系
- 180. Material(s) of inlet manifold Al-alloy
 マニホールドの材質
- 181. Diameter of valves 38 mm 1.50 inches
 バルブの径
- 182. Max. valve lift 10 mm 0.37 in.
- 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) 0.07 mm inches
- 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. 62° ± 7°
- 189. Air filter, type Dry

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 31 mm 1.22 inches
 バルブの径
- 197. Max. valve lift 10 mm 0.37 in.
- 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) 0.17 mm inches
- 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
 キャブレッターの数
- 211. Type Down-draft
 形式
- 212. Make MIKUNI
 製造会社
- 213. Model 28-32 DIDTA
 型式
- 214. Number of mixture passages per carburettor 2
 キャブレッター当りのバルブ数
- 215. Flange hole diameter of exit port(s) of carburettor 28 & 32 mm in.
- 216. Minimum dimensions of mixture passage(s) ~~with maximum diameter of 21 & 27 mm~~
 ベンチュリー-の最小寸法 (with maximum diameter of 21 & 27 mm) inches

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 mm inches
 吸気管の最小径

*) 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

Make Mitsubishi

Model A53H
型式

J.A.F.公認番号 T-190

F.I.A. Rec. No. 5488

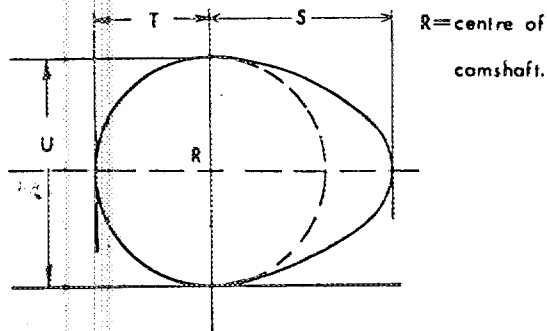
ENGINE ACCESSORIES
エンジン附属機

- 230. Fuel pump : mechanical ~~228 / 228~~ / ~~228 / 228~~
燃料ポンプ ~~228 / 228~~
- 231. No. fitted 1
ポンプの数
- 232. Type of ignition system Make and break
点火方式
- 233. No. of distributors 1
ディストリビューターの数
- 234. No. of ignition coils 1
コイルの数
- 235. No. of spark plugs per cylinder ~~228 / 228~~ 1
シリンダー当りのプラグ数 ~~228 / 228~~
- 236. Generator, type: ~~228 / 228~~ / alternator-number fitted 1
発電機 ~~228 / 交流~~ 数
- 237. Method of drive V-Belt
駆動方式
- 238. Voltage of generator 12 volts
発電機電圧
- 239. Battery, number 1
バッテリーの数
- 240. Location Engine room
バッテリー位置
- 241. Voltage of battery 12 volts
バッテリー電圧

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

- 250. Max. engine output 100 ps (type of horsepower: JIS) at 6,300 rpm
- 251. Maximum rpm 6,500 output at that figure 99 ps
- 252. Maximum torque 14.0 kg-m at 4,000 rpm
- 253. Maximum speed of the car 165 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

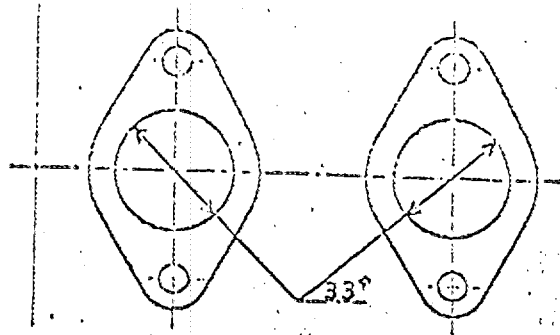
S =	21.1 mm	0.83 inches
T =	15.5 mm	0.61 inches
U =	31.0 mm	1.22 inches

Make: Mitsubishi

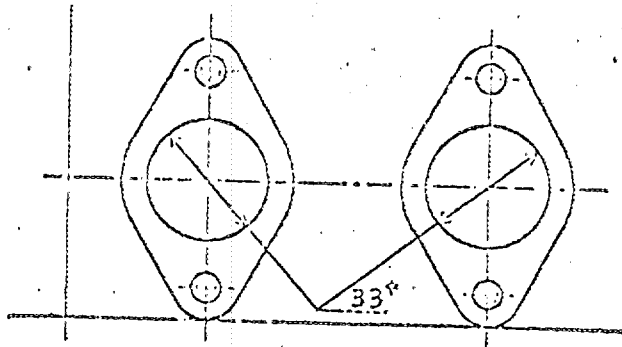
Model A53H
型式

J.A.F.公認番号 T-190
F.I.A. Rec. No. 5488

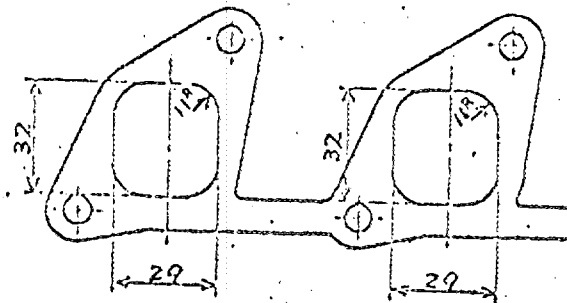
Drawing inlet manifold ports, side of cylinder-head / ~~ボックシング~~
scale or dimensions and manufacturing tolerance.



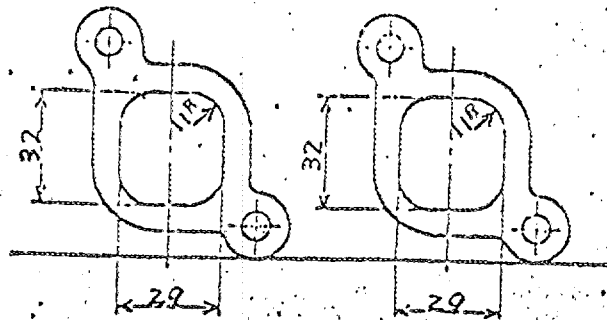
Drawing of entrance to inlet port of cylinder-head / ~~ボックシング~~
scale or dimensions and manufacturing tolerance.



Drawing exhaust manifold ports, side of cylinder-head / ~~ボックシング~~
scale or dimensions and manufacturing tolerance.



Drawing of exit to exhaust port of cylinder-head / ~~ボックシング~~
Indicate scale or dimensions and manufacturing tolerance.



Unit: mm
Tolerance: ± 1.5

Make Mitsubishi

Model A53H
型式

J.A.F.公認番号 T-190

F.I.A. Rec. No. 5469

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.
フェーレンクの内径 外径
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** 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** 前進段数
272. Synchronized forward ratios **1, 2, 3, & 4**
273. Location of gear-shift **Floor**
シフトレバーの位置
274. Automatic, make type
自動式の製造会社名 形式
275. No. of forward ratios 前進段数
276. Location of gear-shift
シフトレバーの位置

277	Manual 手動		Automatic 自動		Alternative manual/ OCBMOGK天取天取天取			
	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 リバーヌ	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

Make Mitsubishi

Model A53H
型式

J.A.F.公認番号 T-190

F.I.A. Rec. No. 548

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

Make Mitsubishi

Model A53H
型式

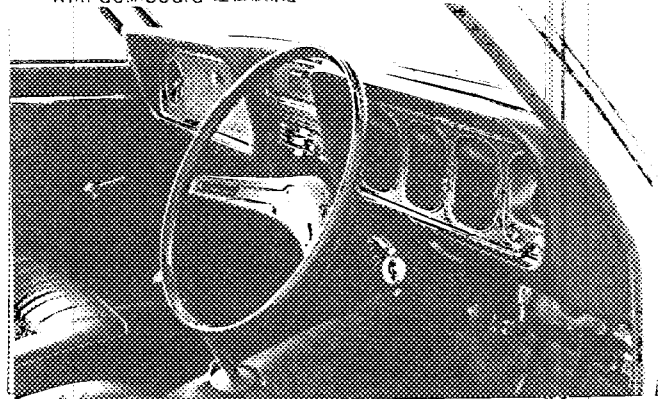
J.A.P. 公認番号 T-190
F.I.A. Rec. No. 5469

Photograph

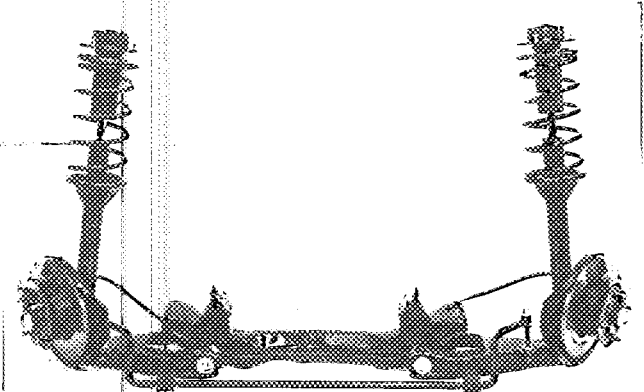
B, 3/4 view of car from rear 全体写真 (斜め後方)



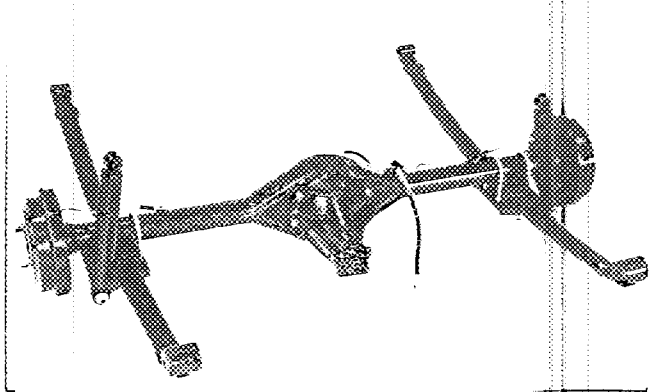
写真 C, Interior view of car through driver's door (open or removed); with dashboard 運転席側近



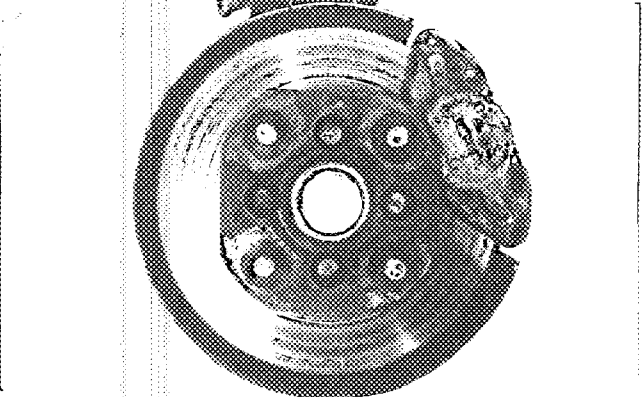
D, Front axle complete, removed from car. Without wheels. フロントサスペンション



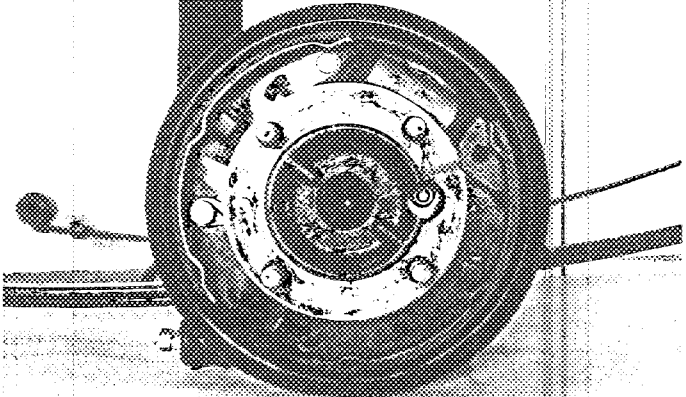
E, Rear axle complete without wheels, removed from car. リヤサスペンション



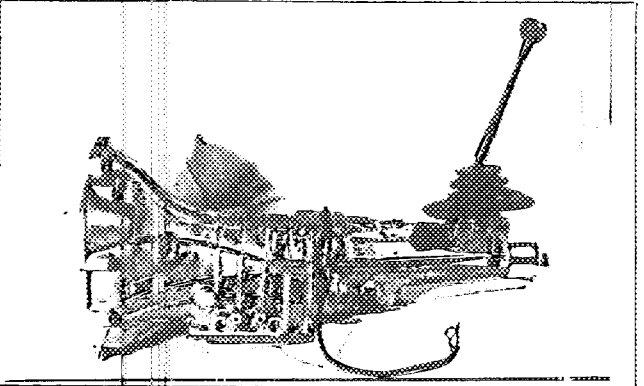
F, Front brake, drum removed or disc with calipers; フロントブレーキ



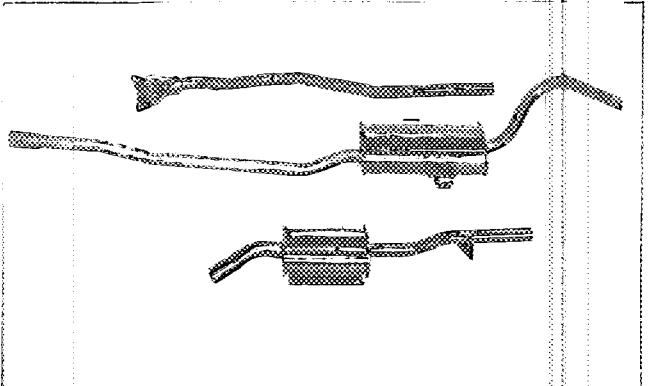
G, Rear brake, drum removed or disc with calipers; リヤブレーキ



H, Gear-box, view from side トランスミッション

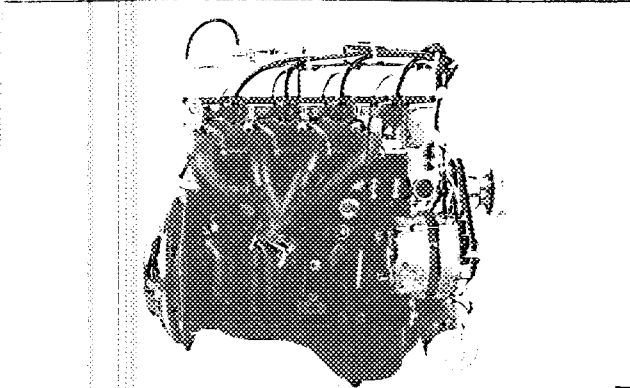


I, Silencer + exhaust pipes after exhaust manifold. 排気系

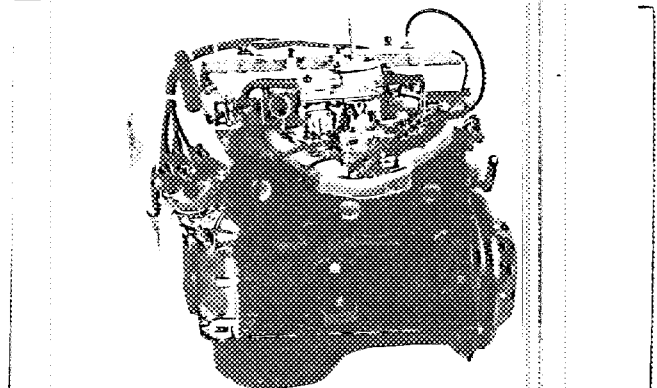


Photograph
写真

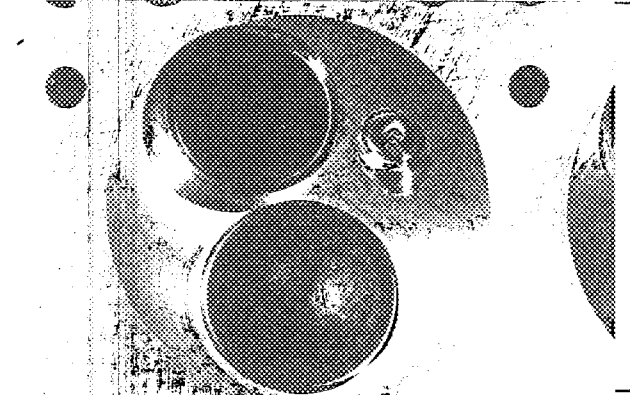
J, Engine unit out of car, from right. With clutch and accessories but without air filter nor gear-box. エンジン右側面



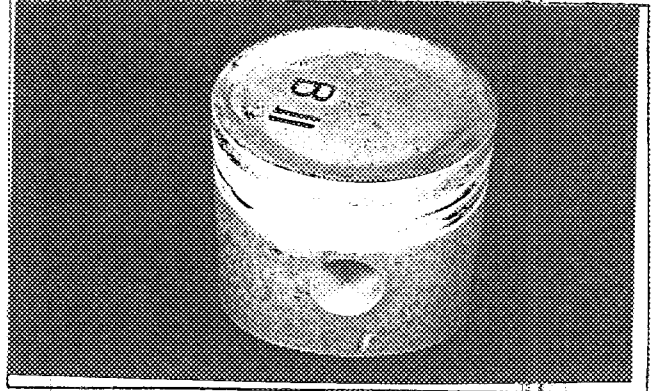
K, Engine unit out of car, from left. With clutch and accessories but without gear-box nor air filter. エンジン左側面



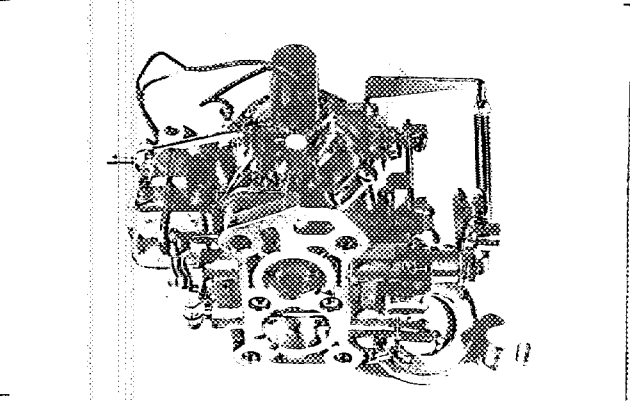
L, Combustion chamber 燃焼室 / RotorXXXXXXXXXX



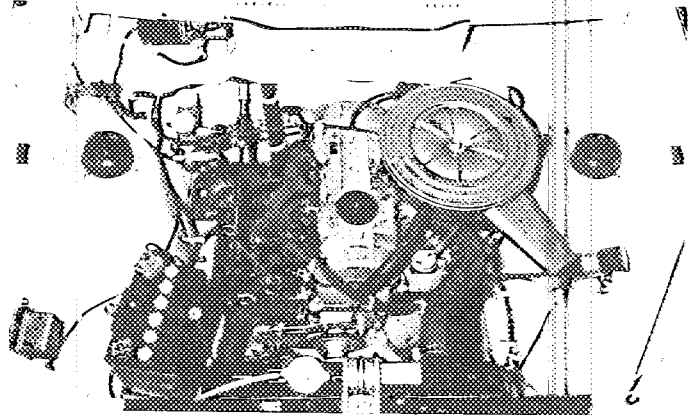
M, Piston crown ピストンクラウン / RotorXXXXXXXXXX



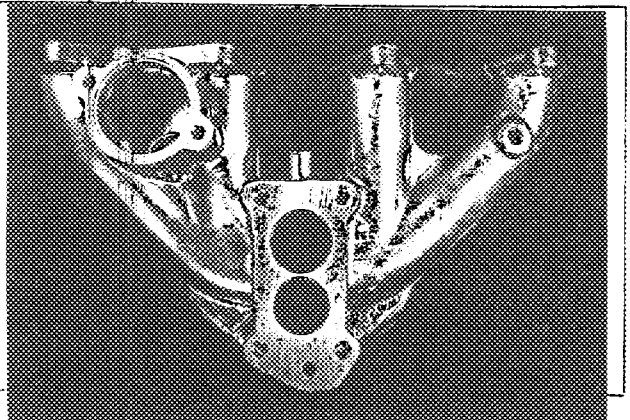
N, Carburettor (view from side of manifold) 化器



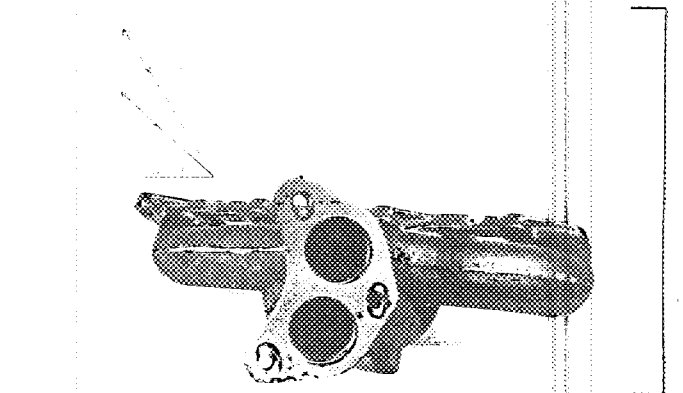
O, Engine in car with all accessories, bonnet open or removed. エンジンルーム



P, Inlet manifold 吸気マニホールド

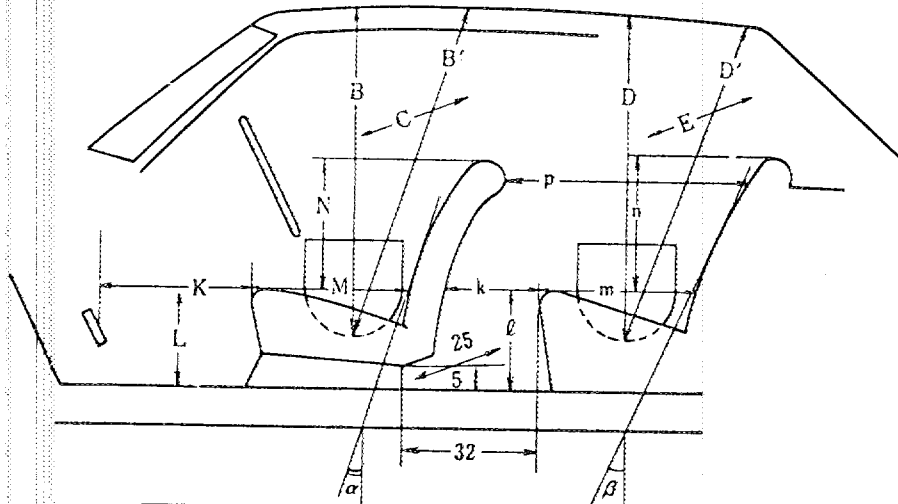


Q, Exhaust manifold 排気マニホールド



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

For four seaters:
4座席

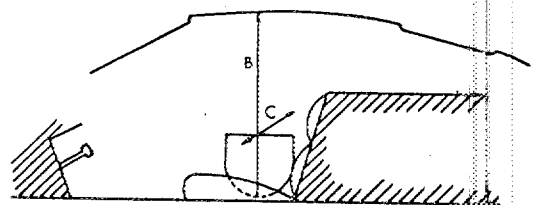


Minimum Dimensions (cm)							
B	B'	α	C	D	D'	β	E
92.0	100.0	15°	128.5	90.0	87.0	28°	127.0

Minimum Dimensions (cm)										
L	ℓ	M	m	N	n	k+m	p	k	k+l+m	K+L+M
28.0	33.0	45.0	45.0			63.0	71.0	18.0	95.0	123.0
0.9L = 25.2		0.85M = 38.2		0.8N =		0.85(k+m) = 53.5	(15)	(95)	(120)	

For two seaters:
2座席

Minimum Dimensions	
B	C
cm	cm



Make Mitsubishi

Model A53H
型式

J.A.F.公認番号 T-190

F.I.A. Rec. No. 5489

TWO STROKE ENGINES

二サイクルエンジン

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 :
過給器

Unit: mm

Tolerance:

Make Mitsubishi

Model
型式

A53H

J.A.F.公認番号

T-190

F.I.A. Rec. No.

5628

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 トロコイド長軸長さ	mm	in.
404.	Trochoid, length of minor Axis トロコイド短軸長さ	mm	in.
405.	Trochoid, width トロコイドの幅	mm	in.
406.	Trochoid, generating radius (Containing equidistance) トロコイドの生成半径 (平行移動量を含む)	mm	in.
407.	Eccentricity 偏心率	mm	in.
408.	Capacity per Rotor 1ローター当りの排気量	cm ³	cu. in.
409.	Total capacity 総排気量	cm ³	cu. in.
410.	Equivalent total capacity (by App. J Art. 252) 換算総排気量 (J項 252条による)	cm ³	cu. in.
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		

Make Mitsubishi

Model A53H
型式

F.I.A. Rec. No. 518

421.	Number of oil scraping ring per rotor ローター当りのオイルリングの数				
422.	Eccentric shaft: moulded/stamped 偏心軸: 鋳造/鍛造				
423.	Type of eccentric shaft: integral/ 偏心軸の形式: 一体式/				
424.	Number of eccentric shaft main bearings メインベアリングの数				
	Bearing ベアリング				
440.	Eccentric shaft, main メインベアリング	Type 形式	Dia. 内径	mm	in.
441.	Rotor bearing ローターベアリング	Type 形式	Dia. 外径	mm	in.
	Weights				
450.	Flywheel (clean)			kg	
451.	Flywheel with clutch (all turning parts)			kg	
452.	Eccentric shaft			kg	
453.	Rotor with seals, gear and bearing			kg	
	Inlet (See page 8) 吸気系				
460.	Material(s) of inlet manifold マニホールドの材質				
461.	Location of inlet ports 吸気孔の位置				
462.	Inlet port area per rotor.			mm ²	sq. in.
463.	Inlet port open at (with tolerance) 吸気孔開き始め (公差を含む)				
464.	Inlet port close at (with tolerance) 吸気孔閉じ終り (公差を含む)				
465.	Air filter type				
	Exhaust (See page 8) 排気系				
470.	Material(s) of exhaust manifold マニホールドの材質				
471.	Location of exhaust Ports 排気孔の位置				
472.	Exhaust port area per rotor			mm ²	sq. in.
473.	Exhaust port open at (with tolerance) 排気孔開き始め (公差を含む)				
474.	Exhaust port close at (with tolerance) 排気孔閉じ終り (公差を含む)				



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-190 V-1

発効年月日 1973年1月31日

F.I.A. Homol. No. 5468

1/14

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形式。

Make Mitsubishi Motors Corp. Model A53H, Colt Galant Hard top
 製造会社名 型式及び通称名
 Modification's application starts with serial No. chassis 適用シャシー型式番号 A53H-0000001
 engine 適用エンジン型式番号 4G32-00101
 Application of this amendment started the Jan. 1973
 適用年月日
 Commercial denomination after application of modifications A53H Colt Galant Hard top
 The modifications are to be considered as: Variant / ~~modification of chassis type~~
 変型 / ~~車体形式の変更~~
 Date amendment is valid from 1.8.73 List

Description of amendment 内容

OPTIONAL

Twin Carburettor engine and 5 speed gear box can be selected for A53H as make's option.

ENGINE

- 142 Compression ratio 9.5
- 143 Volume of one Combustion Chamber 49.9 cm³

WEIGHT

- 164 Piston with rings and pin 0.41 ± 0.01 kg

INLET

- 182 Max. Valve lift 9.5 mm 0.37 in.
- 187 Valve open at (with tolerance for tappet clearance indicated)
B.T.D.C. 24° ± 7°
- 188 Valve close at (with tolerance for tappet clearance indicated)
A.B.D.C. 64° ± 7°

Stamp and signature of the JAF

JAF公認印及び署名

Handwritten signature of Yasuharu Nanba

Yasuharu Nanba



Stamp and signature of the F.I.A.

Handwritten signature of the F.I.A.

EXHAUST

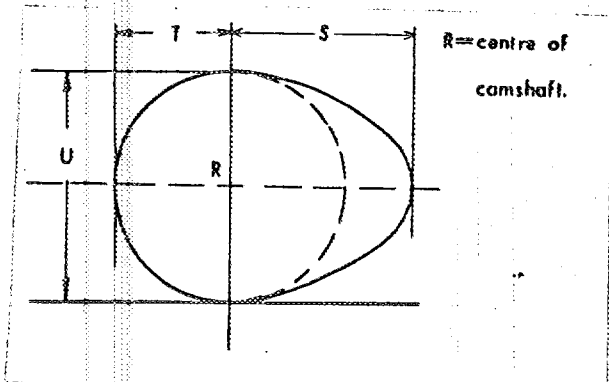
- 197 Max Valve lift 9.5 mm 0.37 in.
- 202 Valve open at (with tolerance for tappet clearance indicated)
B. B. D. C. $67^\circ \pm 7^\circ$
- 203 Valve close at (with tolerance for tappet clearance indicated)
A. T. D. C. $21^\circ \pm 7^\circ$

CURBURATION

- 210 Number of carburetors fitted 2

ENGINE AND CAR PERFORMANCES

- 250 Max engine out put 110PS (type of horse-power JIS) at 6,700 rpm
- 251 Max. rpm 7,000 rpm output at that figure 108PS
- 252 Max. torque 14.2 kgm at 4,800 rpm
- 253 Max. speed of the car 180 km/h
- 255 Cam profile



Inlet cam

- S = 21.0 mm 0.83 in
- T = 15.5 mm 0.61 in
- U = 31.0 mm 1.22 in

Exhaust cam

- S = 21.0 mm 0.83 in
- T = 15.5 mm 0.61 in
- U = 31.0 mm 1.22 in

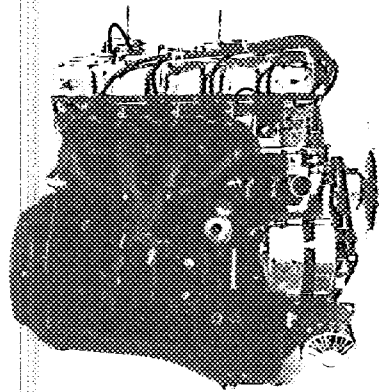
BRAKES

- 91 Servo-assistance (if fitted) type Vacuum

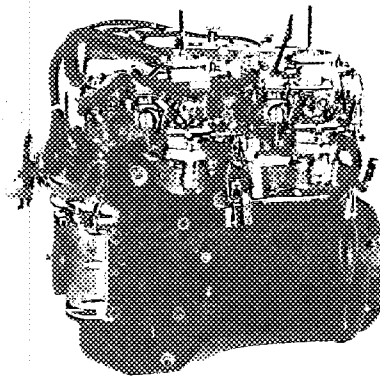


Photograph

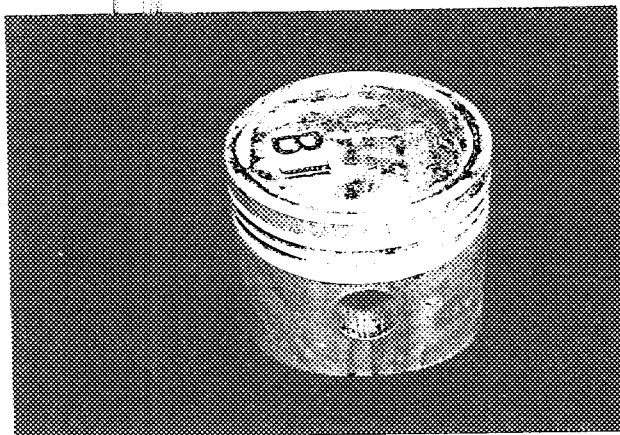
J Engine unit out of car, from right



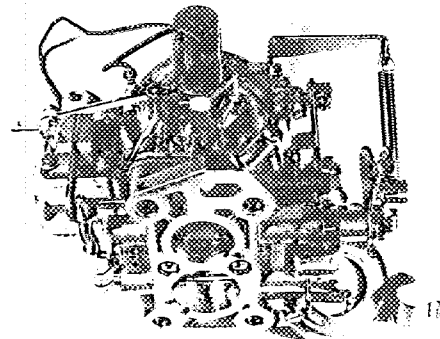
K Engine unit out of car, from left



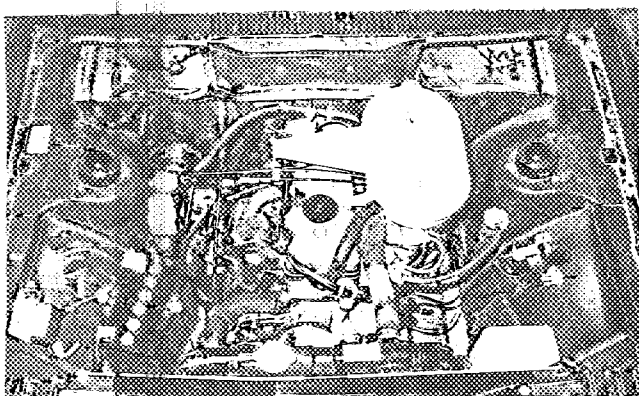
M Piston Crown



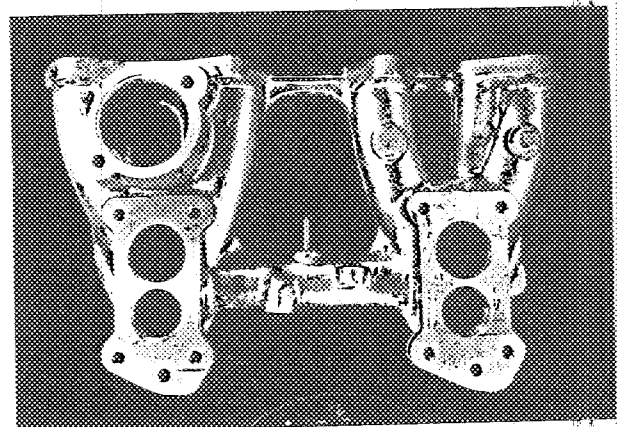
N Carburettor (view from side of manifold)



Q Engine room with all accessories



P Inlet Manifold

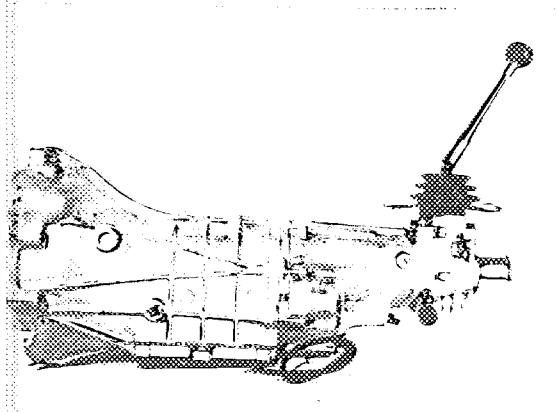


GEAR BOX

- 271 No of gear-box ratios forward 5
- 272 Synchronized forward ratios 1, 2, 3, 4 & 5

277	Manual		Alternative Manual	
	Ratio	No. teeth	Ratio	No. teeth
1	3.24	$\frac{26}{21} \times \frac{34}{21}$	2.97	$\frac{25}{22} \times \frac{34}{13}$
2	1.96	$\frac{26}{21} \times \frac{30}{19}$	1.79	$\frac{25}{22} \times \frac{30}{19}$
3	1.34	$\frac{26}{21} \times \frac{26}{24}$	1.33	$\frac{25}{22} \times \frac{27}{23}$
4	1.00		1.00	
5	0.85	$\frac{26}{21} \times \frac{20}{29}$	0.85	$\frac{25}{22} \times \frac{21}{28}$
reverse	3.05	$\frac{26}{21} \times \frac{19}{15} \times \frac{37}{19}$	2.80	$\frac{25}{22} \times \frac{19}{15} \times \frac{37}{19}$

Photo H. Gear-box view from side



Part No. MD703301

