



JAPAN AUTOMOBILE FEDERATION

社団法人・日本自動車連盟

JAF公認番号 T-212

グループ /

発効年月日 1973年 7月 31日

F. I. A. Recognition No. 5536

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 Toyota Motor Co., Ltd.
製造会社名

Serial No of chassis 製造開始年 型式番号 KP47

engine 製造開始年 型式番号 3K

Recognition is valid from 1. 11. 73

Cylinder-capacity Reciprocation 1166 cm³ 71.1 cu. in.
総排気量 レンプロ

Model Toyota Publica Starlet, KP47
型式及び通称名

Manufacturer Toyota Motor Co., Ltd.

Manufacturer Toyota Motor Co., Ltd.

List

The manufacturing of the model described in this recognition form was started on Feb. 1973 and the minimum production of 5000 identical cars in accordance with the specifications of this form was reached on May. 1973

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

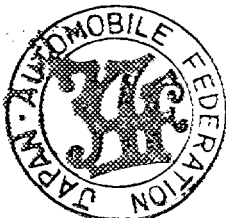
Normal evolution of the type

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

難波清治
Yasunaru Nanba



Stamp and signature of the F. I. A.

[Handwritten signature]

Make Toyota

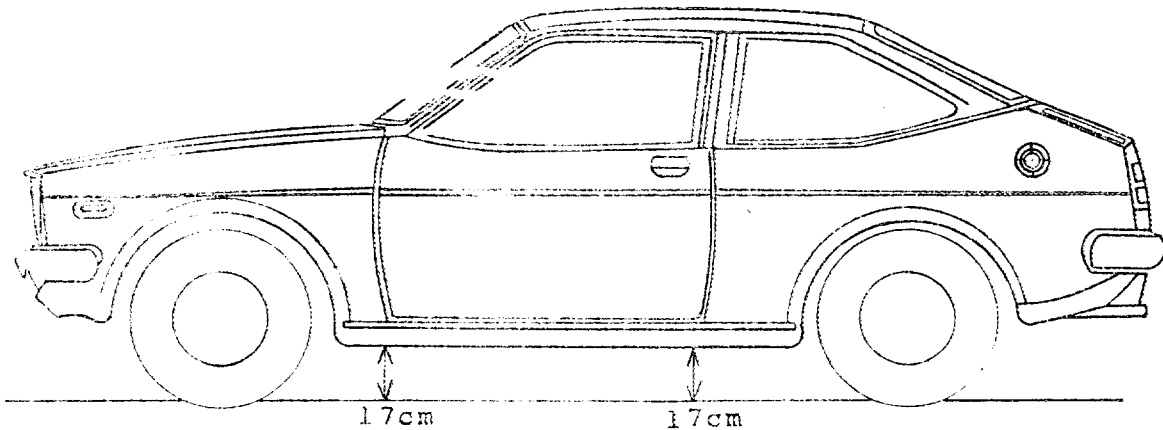
Model KP47
型式

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> 軸距	226.5	cm	89.1	inches
2. <u>Front track</u> 前輪距	126.0	cm	49.6	inches *
3. <u>Rear track</u> 後輪距	124.5	cm	49.0	inches *
4. Overall length of the car 全長	379.0	cm		inches
5. Overall width of the car 全幅			153.0	cm inches
6. Overall height of the car 全高			132.5	cm inches
7. Capacity of fuel tank (reserve included) 燃料タンク容量	9.7	Gallon US		37 ltrs Gallon Imp.
8. Seating capacity 定員			5	
9. Weight (total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools) 車両重量 (定員乗車、定員乗車用必要最低状態の車両重量。燃料、燃料油、車載工具を除く)	695	kg	1534	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.
 - ** In city ground clearance in relation to the track and give drawing of two fixed points of the vehicle's structure at which measurements are taken.
市街地での最低 clearance を示すためのポイント(バンパー前後及び後端)に於ける地上高。
- These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.

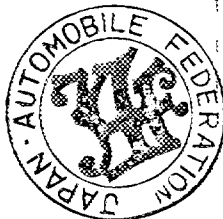


*** Width of the car measured in the vertical plane passing through the axle of the wheels.

車幅 (軸間)	153.0	cm	Rear	153.0	cm
---------	-------	----	------	-------	----

CONVERSION TABLE

1 inch (pouce)	2.54 cm	1 quart (US)	0.9464 ltrs
1 foot (pied)	30.4793 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)	453.592 gr.	hundred weight (cwt)	50.802 kg



Make Toyota

Model KP47
型式

F.I.A. Rec. No. 5536

CHASSIS AND COACHWORK (Photographs A, B and C)

20	Chassis body construction	XXXXXXXX / unitary construction		
		XXXXXXXX / 一体構造		
21	Unitary construction, material (s)			Steel
22	Separate constructions, material (s) of chassis			
23	Material (s) of coachwork			
24	Number of doors	2	Material (s)	Steel
			材質	
25	Material (s) of bonnet			Steel
26	Material (s) of boot lid			Steel
27	Material (s) of rear-window			Glass
28	Material (s) of windscreen			Glass (LAMINATED)
29	Material (s) of front-door windows			Glaas
30	Material (s) of rear-door windows			Glass
31	Sliding system of door windows			Vertical, Manual
32	Material (s) of rear-quarter light			Glass

ACCESSORIES AND UPHOLSTERY

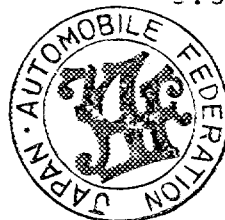
38	Interior heating	yes - XXX	39. Air-conditioning	XXX - no
40	Ventilation	yes - XXX		
41	Front seats, type of seats and upholstery		Separate, Vinyl	
42	Weight of front seat (s), complete with supports and rails, out of the car :			
		11 kg	2 lbs	
43	Rear seats, type of seats and upholstery		Bench, Vinyl	
44	Front bumper, material (s)	Steel	Weight	4.0 kg lbs
			重量	
45	Rear bumper, material (s)	Steel	Weight	3.5 kg lbs
			重量	

WHEELS

50	Type		Pressed Steel	
	形式			
51	Weight (per wheel, without tyre)		5.0 kg	lbs
	重量			
52	Method of attachment		4Nuts	
	取付け方法			
53	Rim diameter	305 mm	12 inches	
	径			
54	Rim width	102 mm	4 inches	
	幅			

STEERING

60	Type		Ricirculating ball
	形式		
61	Servo-assistance	XXX - no	
	助力装置	無	
62	Number of turns of steering wheel from lock to lock		3.3
	ロックからロックまで		
63	In case of servo-assistance		



Make Toyota

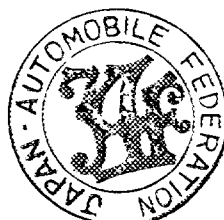
Model KP47
型式

SUSPENSION

70. Front suspension (photogr. D), type フロントサスペンションの形式			No. Pherson
71. Type of spring フロントサスの種類			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 リアサスの形式			Rigid
79. Type of spring リアサスの種類			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)

90. System 制動方式							Hydraulic
91. Servo-assistance (if fitted), type サーボアシスタンスの形式							
92. Number of hydraulic master cylinders マスターシリンダの数						1	
93. Number of cylinders per wheel ホイールシリンダの数							
94. Bore of wheel cylinder (s) ホイールシリンダの径	22.2	mm	in.	20.6	mm	in.	
Drum Brakes ドラムブレーキ							
95. Inside diameter ドラムの径	200	mm	in.	200	mm	in.	
96. Length of brake linings ライニングの長さ	192	mm	in.	192	mm	in.	
97. Width of brake linings ライニングの幅	40	mm	in.	35	mm	in.	
98. Number of shoes per brake ブレーキシューの数	2			2			
99. Total area per brake ブレーキシューの総面積	15,360	mm ²	sq. in.	13,440	mm ²	sq. in.	
Disc brakes ディスクブレーキ							
100. Outside diameter ディスクの径		mm	in.		mm	in.	
101. Thickness of disc ディスクの厚さ		mm	in.		mm	in.	
102. Length of brake linings ライニングの長さ		mm	in.		mm	in.	
103. Width of brake linings ライニングの幅		mm	in.		mm	in.	
104. Number of pads per brake ブレーキパッドの数							
105. Total area per brake ブレーキパッドの総面積		mm ²	sq. in.		mm ²	sq. in.	



Make Toyota

Model KP47
型式

ENGINE (photographs J and K) **

- | | | | | | |
|---|---------------------------------|------------------------------|--------------------------------|---------|----------------|
| 130. Cycle | 4 | 131. Number of cylinders | 4 | | |
| 132. Cylinder arrangement | In line | | | | |
| 133. Bore | 75.0 mm | 2.96 in. | 134. Stroke | 66.0 mm | 2.60 in. |
| 135. Capacity per cylinder | | 291.43 cm ³ | | | 17.784 cu. in. |
| 136. Total cylinder capacity | | 1166 cm ³ | | | 71.15 cu. in. |
| 137. Material of cylinder block | | Cast-iron | | | |
| 138. Material of sleeves (if fitted) | | | | | |
| 139. Cylinder-head, material | | Aluminum alloy | Number fitted | 1 | |
| 140. Number of inlet ports | 4 | 141. Number of exhaust ports | 4 | | |
| 142. Compression ratio | 9.0 | | | | |
| 143. Volume of one combustion chamber | | 36.4 cm ³ | | | cu. in. |
| 144. Piston, material | | Aluminum alloy | 145. Number of rings | 3 | |
| 146. Distance from gudgeon pin centre line to highest point of piston crown | | | | | |
| | 36 mm | | | | inches |
| 147. Crankshaft | moulded / 鍛造 (STEEL) | 148. Type of crankshaft | Integral / XXXXXXXX | | |
| 149. Number of crankshaft main bearings | 5 | | 一体式 / XXXXXXXX | | |
| 150. Material of bearing cap | | Cast-iron | | | |
| 151. System of lubrication | 油霧噴射式 / oil in sump | | | | |
| 152. Capacity, lubricant | 3.5 ltrs | | | | quarts US |
| 153. Oil cooler | 有 / no | | | | |
| 155. Capacity of cooling system | 5.3 ltrs | | | | quarts US |
| 156. Cooling fan (if fitted), dia. 310±0.6mm | | | 154. Method of engine cooling | Water | |
| 157. Number of blades of cooling fan | 4 | | | | quarts US |

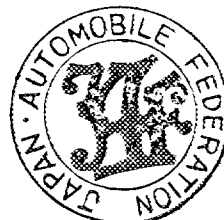
Bearings **

- | | | | |
|------------------------------|-------|------------|-----|
| 158. Crankshaft main, type | Plain | Dia. 50 mm | in. |
| 159. Connecting rod big end, | Plain | Dia. 45 mm | in. |

Weights **

- | | | | | | |
|---|--------|----------|---------------------|---------|-----|
| 160. Flywheel (clean) | 9.1 kg | lbs | | | |
| 161. Flywheel with clutch (all running parts) | | 12.3 lbs | lbs | | |
| 162. Crankshaft | 8.9 kg | lbs | 163. Connecting rod | 0.47 kg | lbs |
| 164. Piston with rings and pin | 0.4 kg | lbs | | | |

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



Make Toyota

Model KP47
型式

J.A.F.公認番号 T-212
F.I.A. Rec. No. 5536

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 camshafts 位置 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 Materials of inlet manifold Aluminum alloy
マニホールドの材質
- 181 Diameter of valves 35 mm 1.37 inches
バルブの径
- 182 Max. valve lift 9 mm 0.35 in. 183. Number of valve springs 1
バルブの最大開き
- 184 Type of spring Coil 185. Number of valves per cylinder 1
バルブスプリングの種類 シリンダー当りのバルブの数
- 186 Tappet clearance for checking timing (cold) 0.08 mm inches
バルブ調整時のクリアランス
- 187 Valves open at (with tolerance for tappet clearance indicated) B.T.D.C 16°±2.5°
バルブ開き始め
- 188 Valves close at (with tolerance for tappet clearance indicated) A.B.D.C 50°±2.5°
バルブ閉じ終わり
- 189 Air filter type Dry
エアフィルターの形式

EXHAUST see page 8) * , * *
排気系

- 195 Materials of exhaust manifold Cast-iron
マニホールドの材質
- 196 Diameter of valves 29 mm 1.16 inches
バルブの径
- 197 Max. valve lift 8 mm 0.31 in. 198. Number of valve springs 1
バルブの最大開き
- 199 Type of spring Coil 200 Number of valves per cylinder 1
バルブスプリングの種類 シリンダー当りのバルブの数
- 201 Tappet clearance for checking timing (cold) 0.08 mm inches
バルブ調整時のクリアランス
- 202 Valves open at (with tolerance for tappet clearance indicated) B.B.D.C 50°±2.5°
バルブ開き始め
- 203 Valves close at (with tolerance for tappet clearance indicated) A.T.D.C 16°±2.5°
バルブ閉じ終わり

CARBURETION (photograph N)
気化器

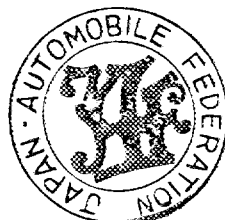
- 210 Number of carburetors fitted 1
キャブレターの数
- 211 Type Down-draught
形式
- 212 Make Aisan
製造会社
- 213 Model 3K
型式
- 214 Number of mixture passages per carburettor 2
キャブレター当りのバルブ数
- 215 Flange hole diameter of exit port(s) of carburettor 28^{mm} & 18^{mm} inches
キャブレター出口内径
- 216 Minimum dimensions of mixture passage(s) with proper jet size 21^{mm} & 24^{mm} inches
キャブレター当りのバルブ径

INJECTION (if fitted)
燃料噴射

- 220 Make of pump エンジェルの製造会社
- 221 Number of plungers プランジャーの数
- 222 Model or type of pump エンジェルの型式
- 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 inches

* 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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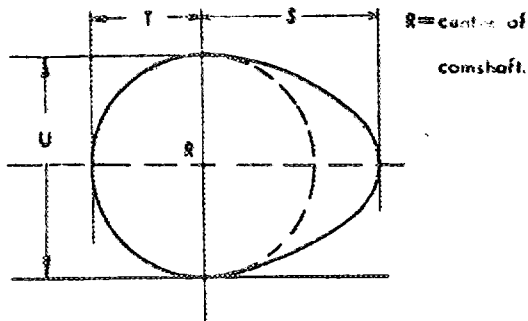
ENGINE ACCESSORIES
エンジン附属機

- | | | | |
|--|---|--|--------|
| 230. Fuel pump
燃料ポンプ | mechanical 2630X X 706X 216X 716X
機械式 全電圧表 | 231. No. fitted
ポンプの数 | 1 |
| 232. Type of ignition system
点火方式 | Make&break | 233. No. of distributors
ディストリビューターの数 | 1 |
| 234. No. of ignition coils
コイルの数 | 1 | 235. No. of spark plugs per cylinder/
シリンダー当りのプラグ数 2630X 216X 716X | 1 |
| 236. Generator, type: direct/alternator -number fitted
発電機 交流/交流 数 | 1 | 237. Method of drive
駆動方式 | V belt |
| 238. Voltage of generator
発電機電圧 | 12 volts | 239. Battery, number
バッテリーの数 | 1 |
| 240. Location
バッテリー位置 | Engine room | | |
| 241. Voltage of battery
バッテリー電圧 | 12 volts | | |

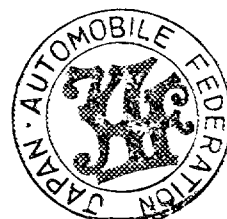
ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- | | | | |
|-------------------------------|-------------|----------------------------|--------------|
| 250. Max. engine output | 68ps | (type of horsepower: JIS) | at 6000 rpm |
| 251. Maximum rpm | 6500 | output at that figure | 66ps |
| 252. Maximum torque | 9.5kg-m | at 3800 rpm | |
| 253. Maximum speed of the car | 145 km/hour | | miles / hour |

255 Cam profile
カムプロファイル



<u>Inlet cam</u> 吸気カム		
S = 21.1	mm 0.83	inches
r = 15.4	mm 0.60	inches
U = 30.8	mm 1.21	inches
<u>Exhaust cam</u> 排気カム		
S = 21.2	mm 0.83	inches
r = 15.2	mm 0.59	inches
U = 30.4	mm 1.19	inches

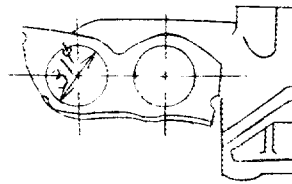


Make Toyota

Model KP47
型式

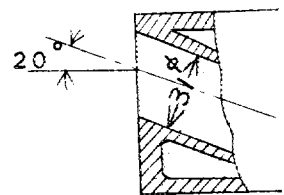
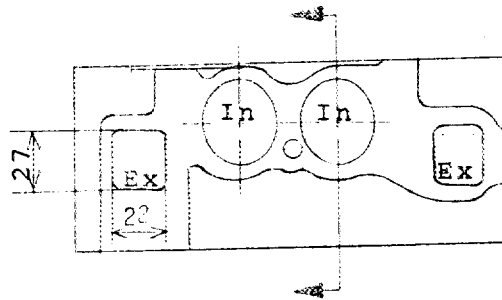
Drawing inlet manifold ports, side of cylinder-head ~~吸気マニホールド側~~
 Indicate scale or dimensions and manufacturing tolerance

吸気マニホールドのホースポートの側面図



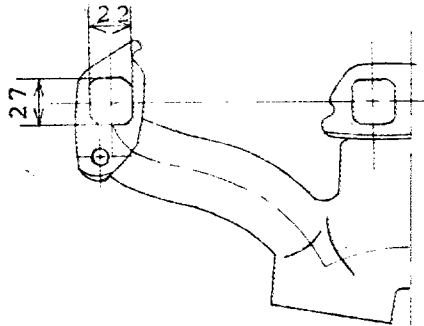
Drawing of entrance to inlet port of cylinder-head ~~吸気マニホールド側~~
 Indicate scale or dimensions and manufacturing tolerance

シリンダーヘッドの吸気ポートの吸気マニホールド側



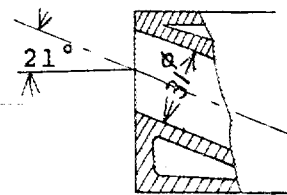
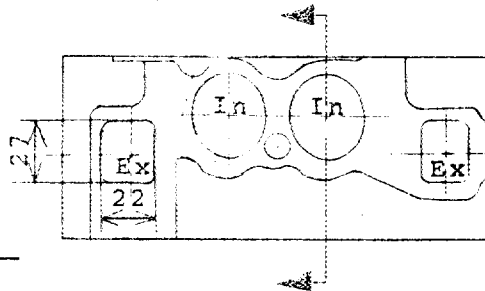
Drawing exhaust manifold ports, side of cylinder-head ~~排気マニホールド側~~
 Indicate scale or dimensions and manufacturing tolerance

排気マニホールドのシリンダーヘッド側

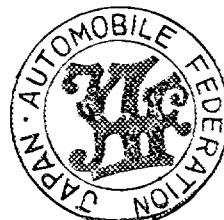


Drawing of exit to exhaust port of cylinder-head ~~排気マニホールド側~~
 Indicate scale or dimensions and manufacturing tolerance

シリンダーヘッドの排気ポートの排気マニホールド側



Unit: mm
 Tolerance: 製造公差



Make Toyota

Model KP47
型式

J.A.F公認番号 T-212

F.I.A. Rec. No. 5536

DRIVE TRAIN
駆動系

CLUTCH
クラッチ

- 260. Type of clutch Dry single plate
形式
- 262. Dia. of clutch plates 183 mm inches
フレキシタープレートの外径
- 263. Dia. of linings, inside 125 mm in.
フレキシターの内径
- 264. Method of operating clutch Mechanical
作動方式

- 261. No. of plates 1
フレキシタープレートの数
- outside 180 mm in.
外径

GEAR BOX (photograph H)
トランスミッション

- 270. Manual type, make Toyota
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

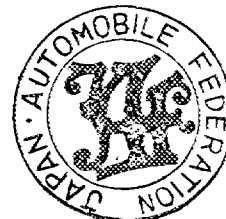
- type
形式
- 276. Location of gear-shift
シフトレバーの位置

277	Manual 手動		Automatic 自動		Alternative manual 手動/自動		Alternative manual 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	3.68	$\frac{32}{19} \times \frac{35}{16}$			2.92	$\frac{32}{19} \times \frac{33}{19}$		
2	2.05	$\frac{32}{19} \times \frac{28}{23}$			2.05	$\frac{32}{19} \times \frac{28}{23}$		
3	1.38	$\frac{32}{19} \times \frac{23}{28}$			1.38	$\frac{32}{19} \times \frac{23}{28}$		
4	1.00				1.00			
5								
6								
reverse リバース	4.31	$\frac{32}{19} \times \frac{41}{16}$			4.31	$\frac{32}{19} \times \frac{41}{16}$		

- 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バイスの形式
- 293. Final drive ratio 4.22 , 4.44
ギヤー比
- Number of teeth 38/9 , 40/9
歯数



Make Toyota

Model
型式 KP47

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Optional equipment affecting preceding information. This to be stated together with reference number.
77-22

Optional

Photo. A

Photo. B

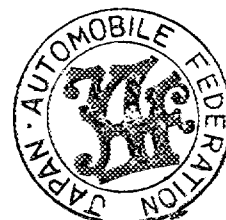
3/4 view of car from front



3/4 view of car from rear



133. Max Bore 79.10 mm 3.114 in.
136. Max total cylinder capacity 1297 cm³
Thickness of cylinder head gasket (pressed) 1.3 mm



Make Toyota

Model KP47
形式

J.A.F.公認番号 T-212

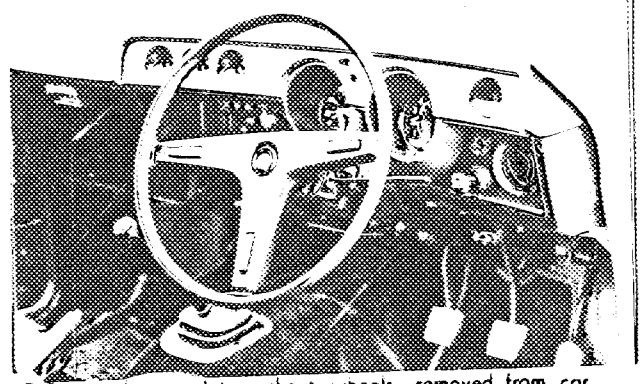
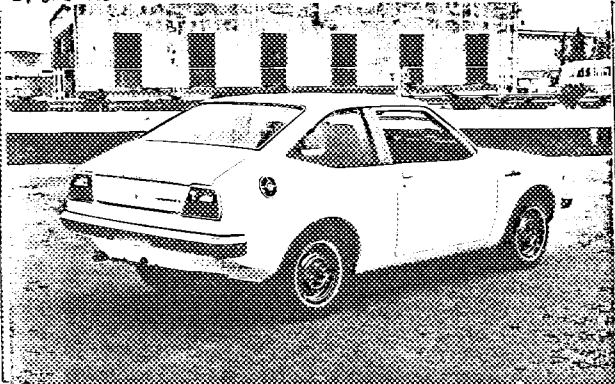
F.I.A. Rec. No. 5536

Photograph

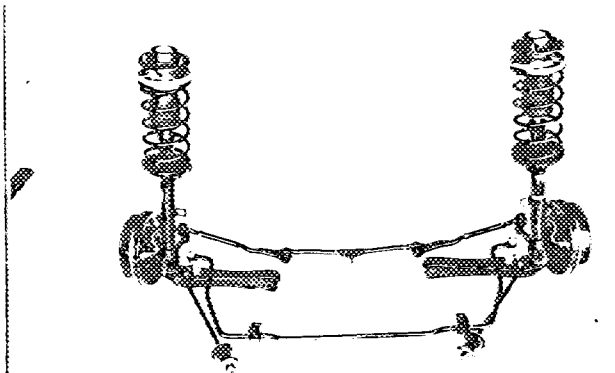
写真

Interior view of car through driver's door (open or removed) with dashboard 運転席側内視

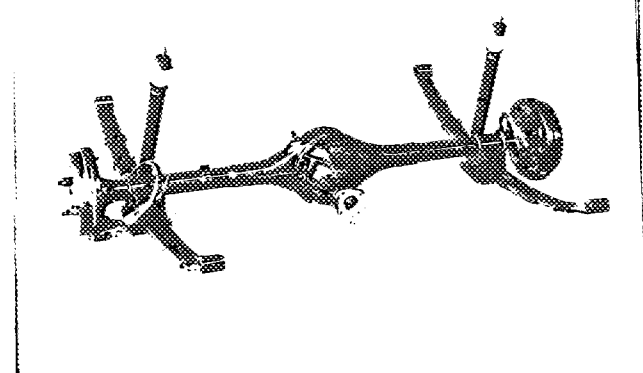
B, 3/4 view of car from rear 全体写真 (斜め後方)



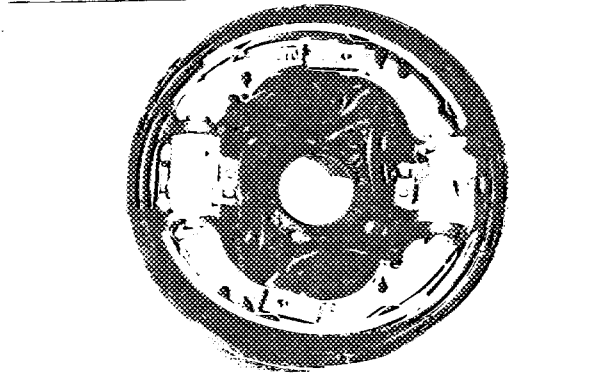
D, Front axle complete, removed from car. Without wheels. フロントサスペンション



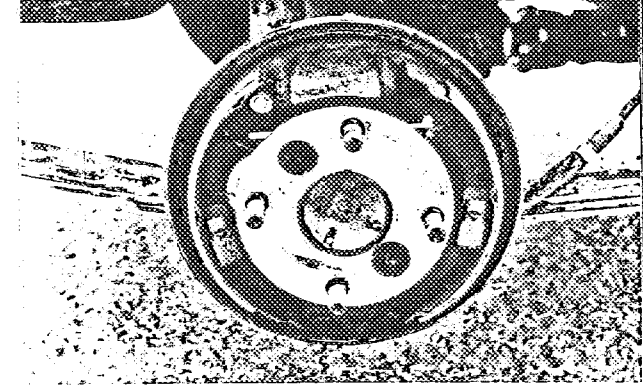
F, Rear axle complete without wheels, removed from car. リヤサスペンション



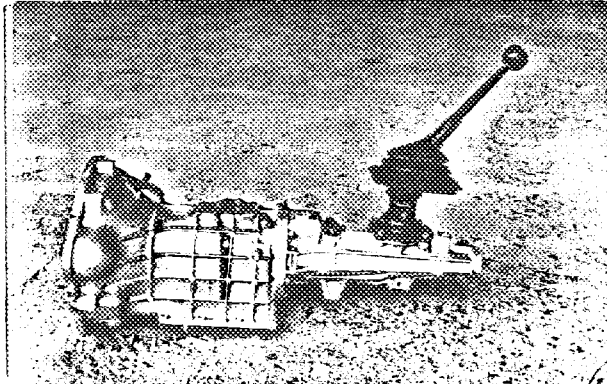
F, Front brake, drum removed 前ブレーキ



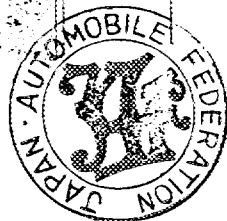
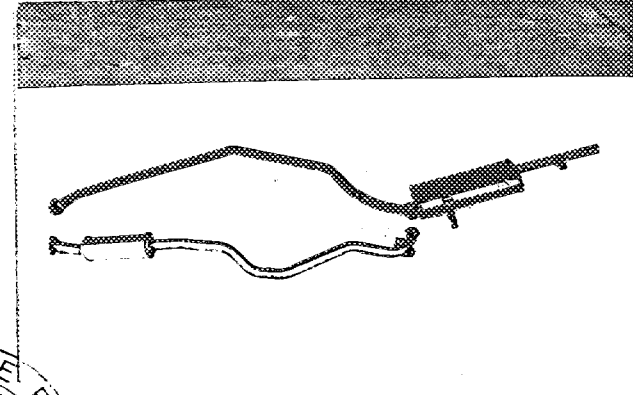
G, Rear brake, drum removed リヤブレーキ



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 Toyota

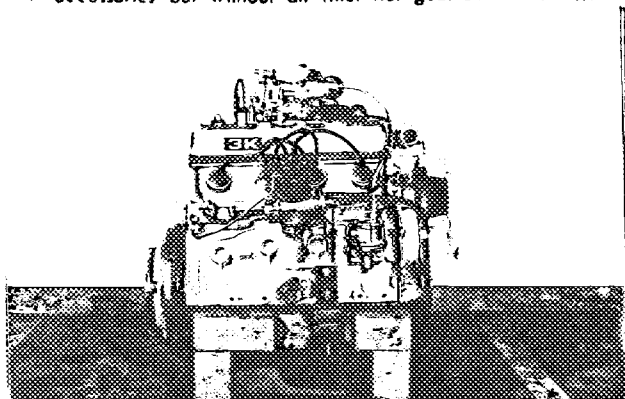
Model KP47
型式

J.A.F.公認番号 T-212

F.I.A. Rec. No. 5536

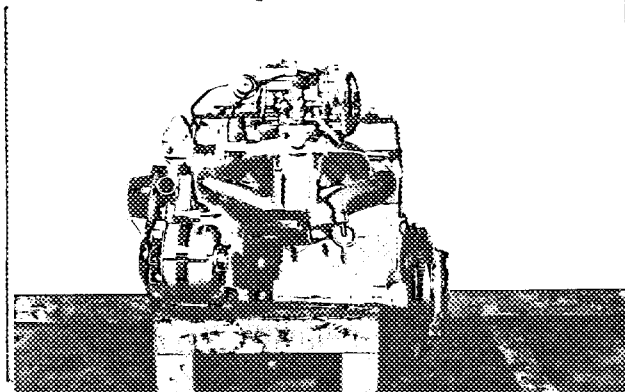
Photograph

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

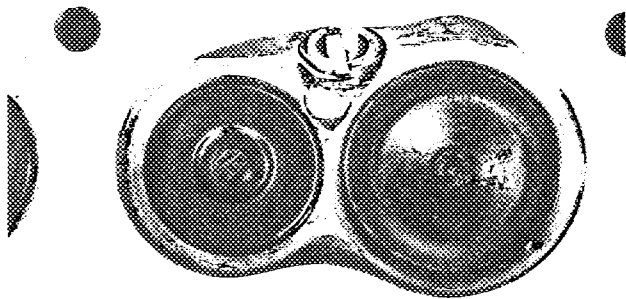


L, Combustion chamber 燃焼室/受油部 燃焼室XXXXXX

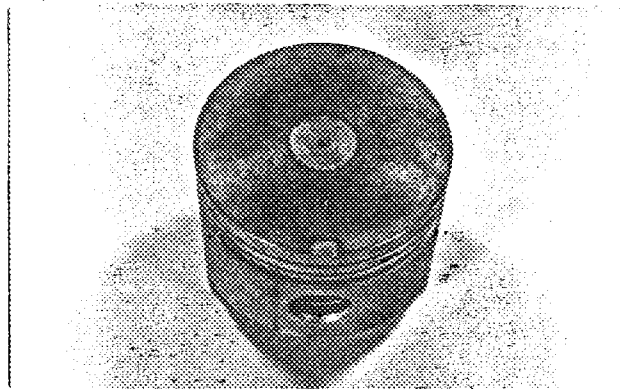
Engine unit out of car, from left. With clutch and accessories but without gear-box nor air filter. エンジン左側面



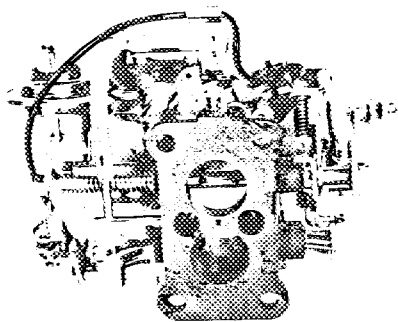
M, Piston crown ピストンクラウン/燃焼室XXXXXX



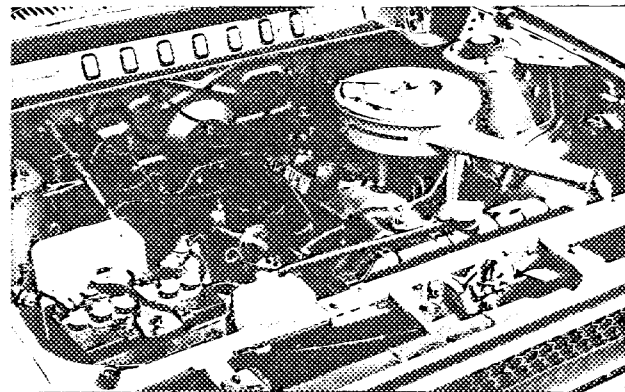
N, Carburetor (view from side of manifold) 化油器



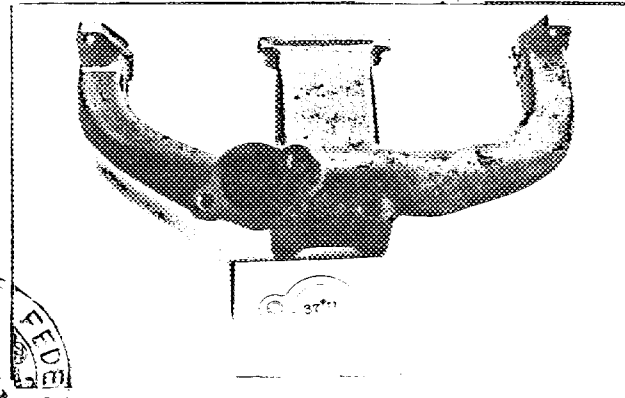
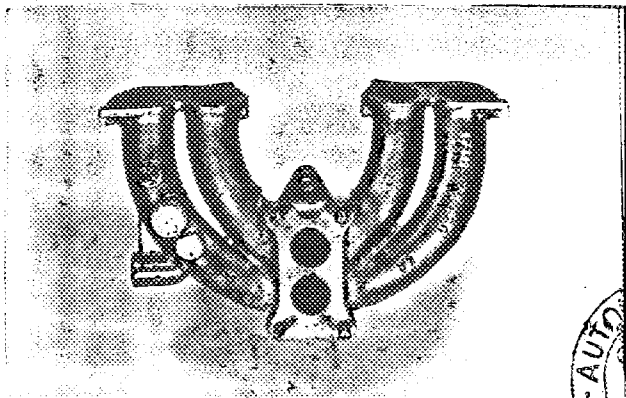
O, Engine in car with all accessories, bonnet open or removed. エンジンルーム



P, inlet manifold 吸気マニホールド



Q, Exhaust manifold 排気マニホールド





JAPAN AUTOMOBILE FEDERATION

社団 日本自動車連盟
法人

J.A.F.公認番号 T-212V-Z

発効年月日

1973年10月31日

F.I.A. Homol. No

5536 1/IV

COMMISSION SPORTIVE

01333 00.1173

INTERNATIONALE

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 Toyota Motor Co., Ltd.

製造会社名

Modification's application starts with serial

Application of this amendment started the

適用年月日

Commercial denomination after application of modifications

The modifications are to be considered as: Variant / ~~new model~~ / ~~new version of the class~~

Date amendment is valid from

1.1.74

List

Model

型式及び通称名

Toyota Publica Starlet, KP47

No.

chassis

通用シャシー型式番号 KP47

engine

通用エンジン型式番号

3K

10th August, 1973

Toyota Publica Starlet

Description of amendment 内容

OPTIONAL EQUIPMENT

VALID FOR GROUP 2 ONLY

CYLINDER HEAD

170. Number of camshafts

2

171. Location

Cylinder head

173. Type of valve operation

Direct

185. Number of valves per cylinder (INLET)

2

200. Number of valves per cylinder (EXHAUST)

2

Part No. 11110-09370 Cylinder head assy

11321-09370 Timing chain cover, kit.

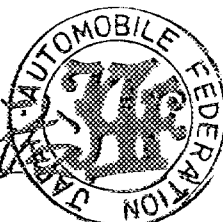
13507-09370 Drive chain, kit.

Stamp and signature of the JAF

JAF公認印及び署名

難波靖彦

Yasuharu Nanba

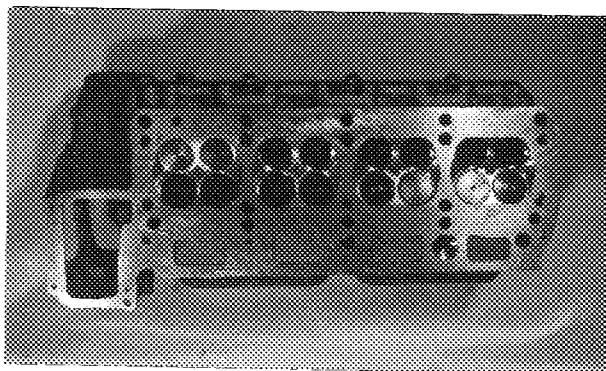
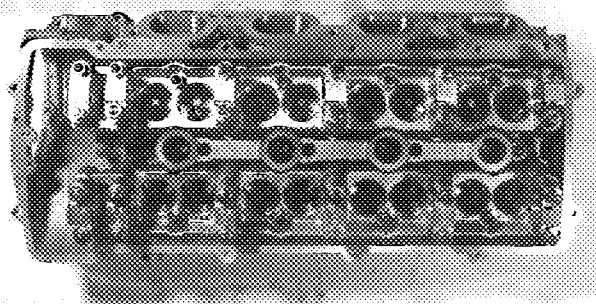


Stamp and signature of the F.I.A.

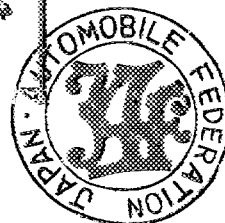
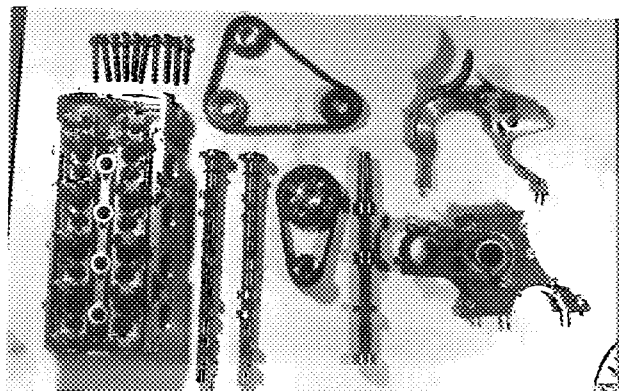
[Signature]

Photo.

Cylinder head.



Belt on optional part kit.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-212V-2

発効年月日 1973年11月30日

F.I.A. Homol. No 5536

2/2

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。

Make Toyota Motor Co., Ltd. Model Toyota Publica Starlet, KP47
Modification's application starts with serial No. chassis 通用シャーシー型式番号 KP47 engine 通用エンジン型式番号 3K
Application of this amendment started the 13th November, 1973
Commercial denomination after application of modifications Toyota Publica Starlet
The modifications are to be considered as: Variant / ~~XXXXXXXXXXXXXXXXXXXX~~
Date amendment is valid from 1. 4. 76 List

Description of amendment 内容

OPTIONAL EQUIPMENT

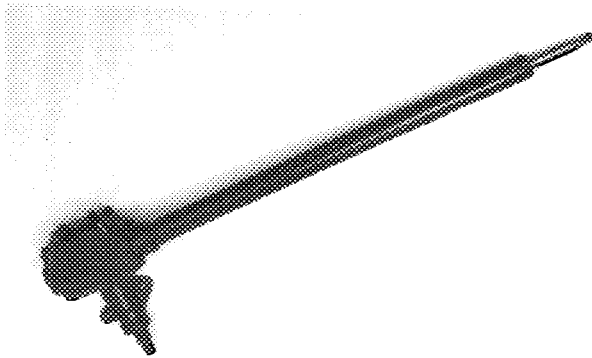
VALID FOR GROUP 2 ONLY

STEERING GEAR HOUSING

60. Number of turns of steering wheel from lock to lock 2.6

Photo. Steering Gear Housing

Part No. 45310-07165 (RH) 45310-07166 (LH)



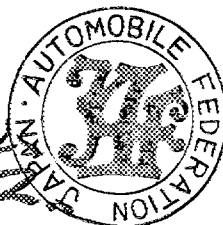
"valable en Groupe 2 uniquement" "valid for group 2 only"

Stamp and signature of the JAF

J.A.F.公認印及び署名

難波靖彦

Yasuharu Nanba



Stamp and signature of the F.I.A.

[Signature]



JAPAN AUTOMOBILE FEDERATION
 社団法人 日本自動車連盟

J.A.F. 公認番号 T-212E-3
 発効年月日 1974年7月31日
 F.I.A. Homol. No. 5536

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形式。

Make Toyota Motor Co., Ltd. **Model Toyota Publica Starlet, KP47**
製造会社名 型式及び通称名
 Modification's application starts with serial No. chassis 適用シャーシ型式番号 KP47-000001
 engine 適用エンジン型式 3K
 Application of this amendment started the April 1974
適用年月日
 Commercial denomination after application of modifications Toyota Publica Starlet
 The modifications are to be considered as: ~~Normal~~ normal evolution of the type
実質 / 正常進化
 Date amendment is valid from 1. 10. 74 List

Description of amendment 内容

The following items have been changed.

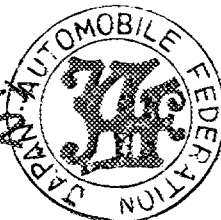
- ENGINE
- 152. Capacity lubricant 3.7 ltrs
 - 155. Capacity of cooling system 4.7 ltrs
 - Weights
 - 162. Crankshaft 9.0 kg
 - 163. Connecting rod 0.48 kg
 - INLET
 - 181. Diameter of valves 36 mm 1.42 inches
 - EXHAUST
 - 197. Max. valve lift 9 mm 0.35 inches
 - 201. Tappet clearance for checking timing(cold) 0.18 mm
- ENGINE AND CAR PERFORMANCES
- 250. Max. engine output 71 ps (type of horse power: JIS)
at 6000 rpm
 - 251. Maximum rpm 6500 output at that figure 69 ps
 - 252. Maximum torque 9.7 kg-m at 3800 rpm
 - 253. Maximum speed of the car 150 km/hour

Stamp and signature of the JAF

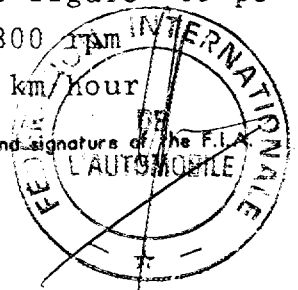
JAF公認印及び署名

難波靖浩

Yasuharu Nanba



Stamp and signature of the F.I.A.



Make Toyota

Model 形式 KP47

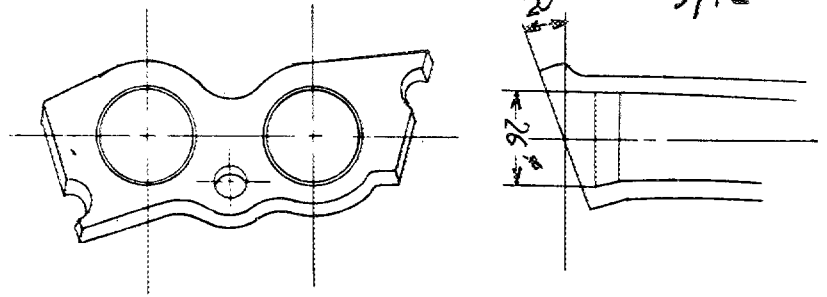
J.A.F. 公認 T-212E-3

F.I.A. Rec. No. 5536

3/1E

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

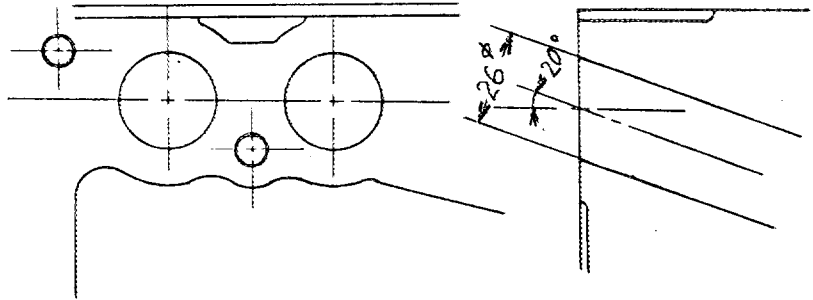
吸気マニホールドのポート (シリンダーヘッド側)



Drawing of entrance to inlet port of cylinder-head/housing

scale or dimensions and manufacturing tolerance.

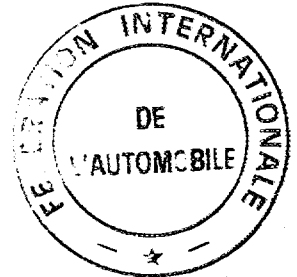
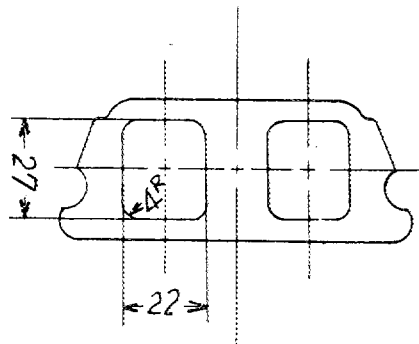
シリンダーヘッドの吸気ポート (吸気マニホールド側)



Drawing exhaust manifold parts, side of cylinder-head/housing

scale or dimensions and manufacturing tolerance.

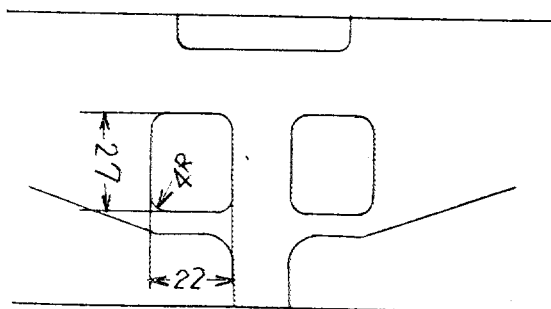
排気マニホールドのポート (シリンダーヘッド側)



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

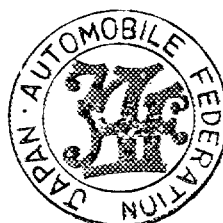


Photo. J

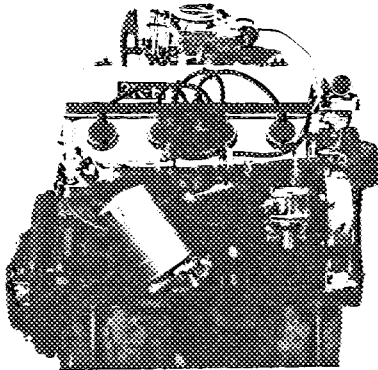


Photo. K

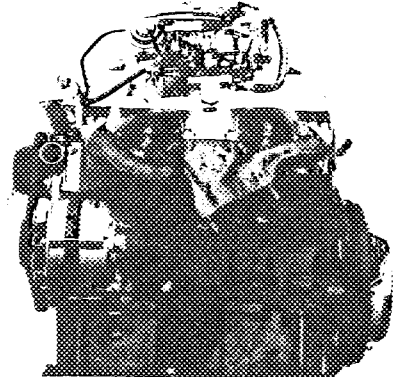


Photo. L Combustion chamber

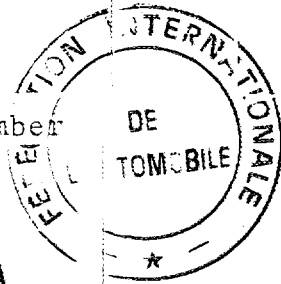
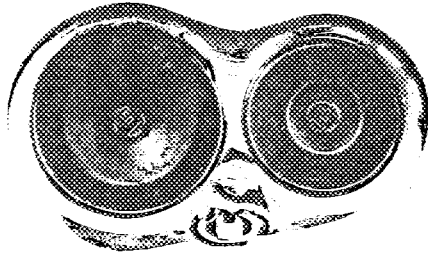


Photo. M Piston crown

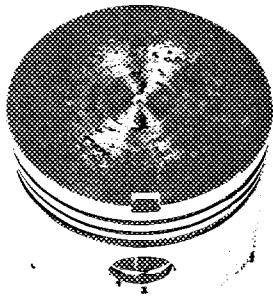


Photo. N Carburetor

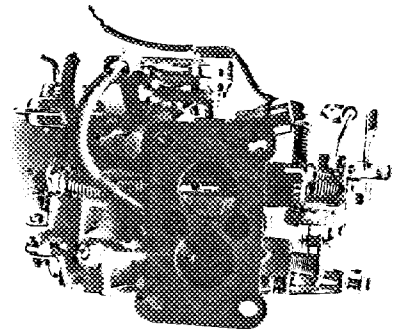


Photo. P Inlet manifold

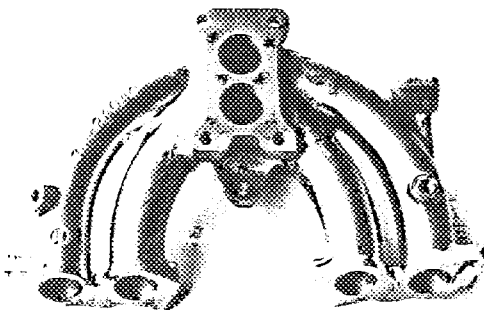


Photo. Q Exhaust manifold



COMBUSTION CHAMBER

* Volume of one combustion chamber of cylinder head

30.4cm³

** Thickness of cylinder headgasket when compressed

1.2~1.4mm



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-212V-4
発効年月日 1974年7月31日
F.I.A. Homol. No 5536

4/3V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition accordance with
Appendix J to the International Sporting Code.

国際スポーツ連付制手順及びJAF国内競技車両規制に従った公認書式。

Make 製造会社名 Toyota Motor Co., Ltd
 Model 型式及び通称名 Toyota Publica Starlet, KP47
 Modification's application starts with serial No. chassis 適用シャーシ型式番号 KP47-000001
 engine 適用エンジン型式 3K
 Application of this amendment started the 1st April, 1974
 適用年月日
 Commercial denomination after application of modifications Toyota Publica Starlet, KP47-MXB
 The modifications are to be considered as: Variant / ~~NOVAK~~ ~~3000~~ ~~3000~~ ~~3000~~ ~~3000~~ ~~3000~~
 変型 / 変更機材
 Date amendment is valid from 1.10.74 List

Description of amendment 内容

Another type of engine (twin-Carb. Engine) can be selected for KP47 cars as maker's option.

Photo. J

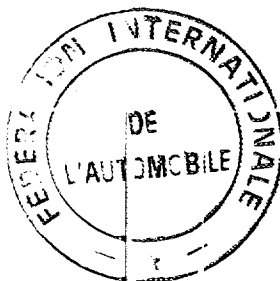
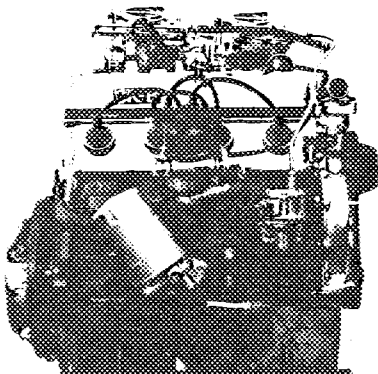
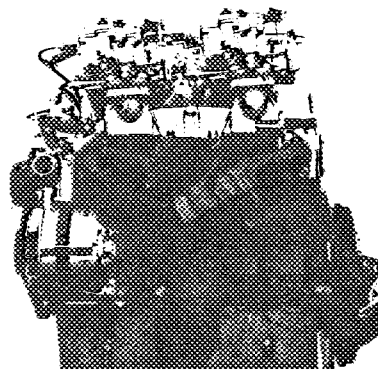


Photo. K



Weight of the car (KP47 series) installed this engine (Twin-Carb. Engine).

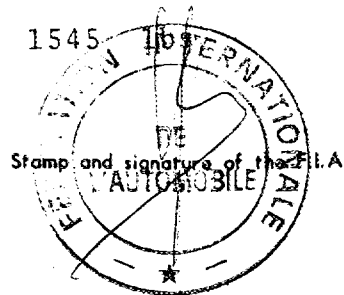
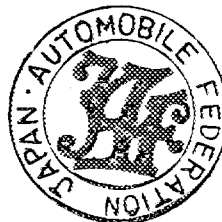
9. Weight 700 kg

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 Toyota

Model
型式 KP47

J.A.F.公認番号 T-212V-4
F.I.A. Rec. No. 5536

4/3V

ENGINE (photographs J and K)

142. Compression ratio 10.0
143. Volume of one combustion chamber 32.3 cm³

CARBURETION (photograph N)

210. Number of carburetors fitted 2
216. Minimum dimensions of mixture passage(s) 18^p & 24^p

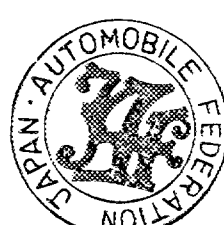
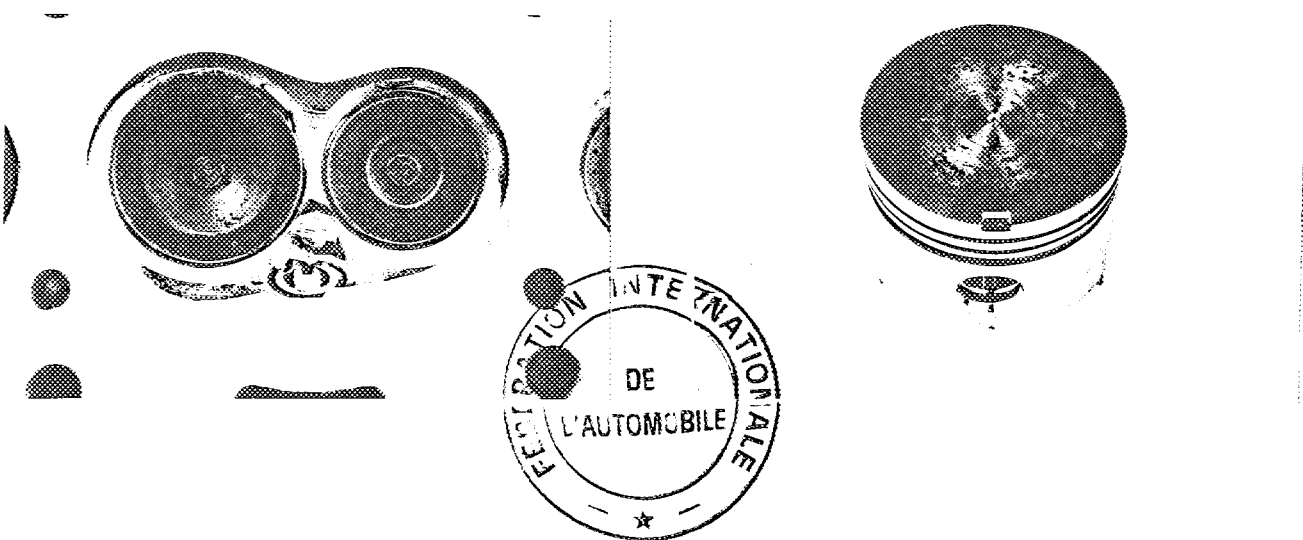
ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

250. Max. engine output 77 ps (type of horsepower : JIS) at 6600 rpm.
251. Max. rpm 7000 rpm output at that figure 74 ps
252. Max. torque 9.8 Kg-m at 4200 rpm
253. Max. speed of the car 160 km/hour

Photo

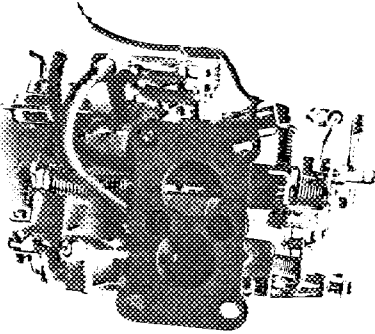
L, Combustion chamber

M, Piston crown

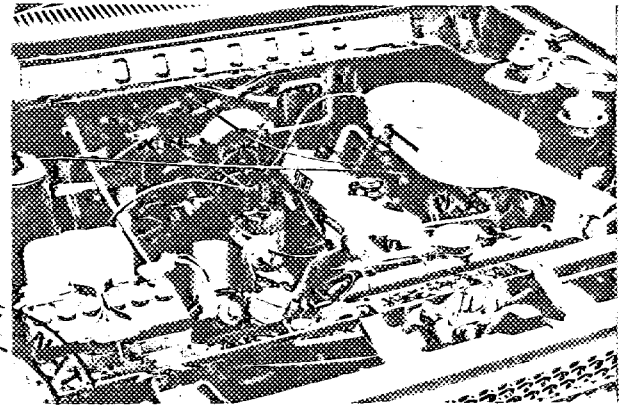


Photo

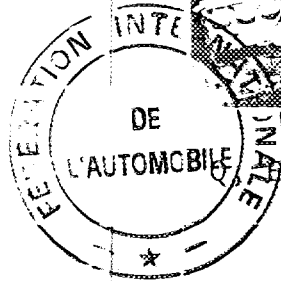
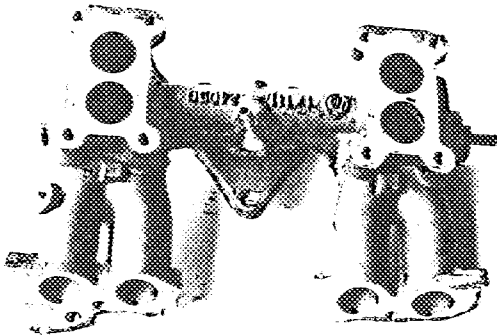
N, Carburettor



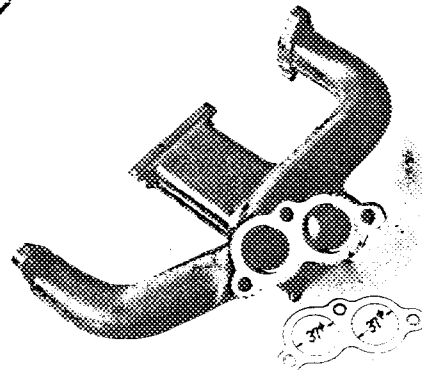
O, Engine in car with all accessories, bonnet open or removed.



P, Inlet manifold

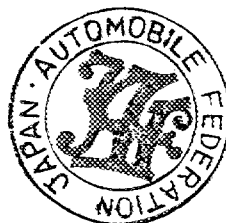


Q, Exhaust manifold



COMBUSTION CHAMBER

- * Volume of one combustion chamber of cylinder head 26.3 cm³ 1.60 cu i
- ** Thickness of cylinder headgasket when compressed 1.2~1.4 mm





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-212E-5
発効年月日 1974年12月31日
F.I.A. Homol. No 5536

5/2E

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 製造会社名 Toyota Motor Co., Ltd
Modification's application starts with serial No. 型式及び通称名 Toyota Publica Starlet, KP47
chassis 通用シャーシ型式番号 KP47-000001
engine 通用エンジン型式 3K

Application of this amendment started the May. 1973
適用年月日

Commercial denomination after application of modifications Toyota Publica Starlet, KP47

The modifications are to be considered as: ~~異常進化~~ / normal evolution of the type
異常進化 / 正常進化

Date amendment is valid from 1975 List

Description of amendment 内容

Revision of error

Descriptions about item NO. 187, 188, 202, 203 of Type 3K Engine are wrong. It is the cause of mistake that we have not taken into account opening and closing ramp.

right values are as follows

INLET

- 187. Valves open at (with tolerance for tappet clearance indicated) B. T. D. C 37°
- 188. Valves close at (with tolerance for tappet clearance indicated) A. B. D. C 77°
tappet clearance 0.08 mm (cold)

EXHAUST

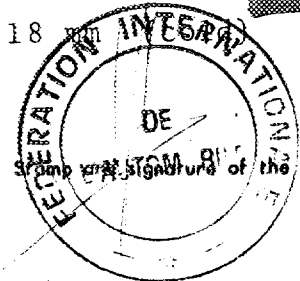
- 202. Valves open at (with tolerance for tappet clearance indicated) B. B. D. C 77°
- 203. Valves close at (with tolerance for tappet clearance indicated) A. T. D. C 45°
tappet clearance 0.18 mm

Stamp and signature of the JAF

JAF公認印及び署名

難波靖治

Yasuharu Nanba





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-212V-6
発効年月日 1975年7月31日
F.I.A. Homol. No. 5536

6/4V

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。

Make Toyota Motor Co., Ltd. Model Toyota Publica Starlet KP47
 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 KP47-000001
 engine 適用エンジン型式番号 3K
 Application of this amendment started the May, 1974
 適用年月日
 Commercial denomination after application of modifications Toyota Publica Starlet KP47
 The modifications are to be considered as: Variant / normal ~~variant / normal~~
 変型 / 通常改良
 Date amendment is valid from 1-10-75 List

Description of amendment 内容

VALID FOR GROUP 2 ONLY

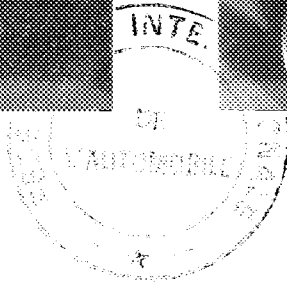
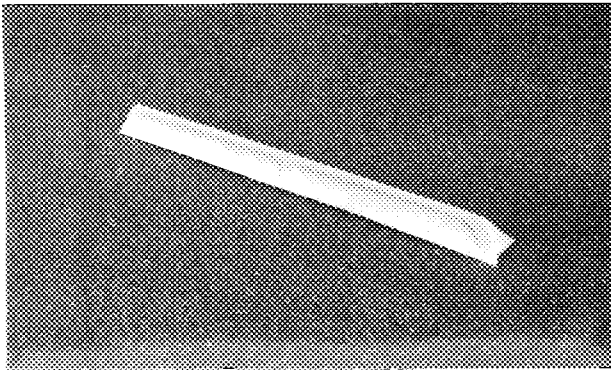
OPTIONAL

"valable en Groupe 2 uniquement"

Rear spoiler

"valid for Group 2 only"

parts NO. 64440-KP701

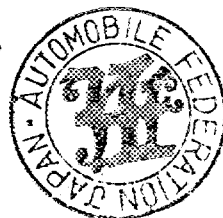


Stamp and signature of the JAF

J.A.F. 公認印及び署名

難波靖治

Yasuharu Nanba



Stamp and signature of the F.I.A.

[Signature]

Make

Toyota

Model
MK

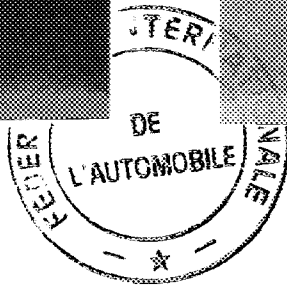
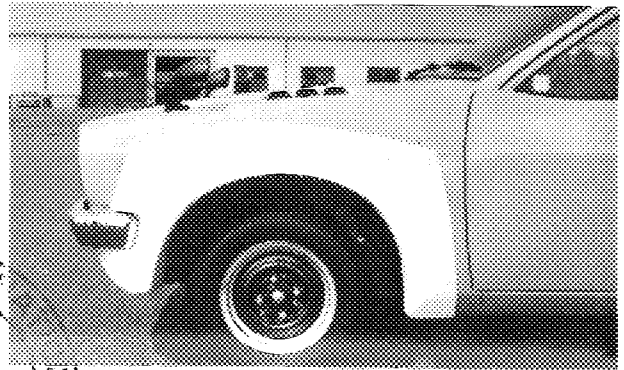
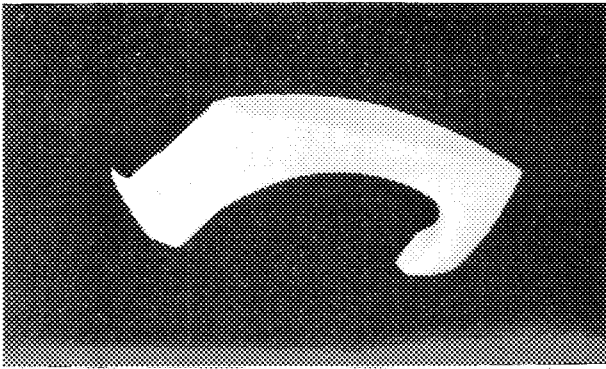
KP47

J.A.F.公認番号 T-212V-6
F.I.A. Rec. No. 5536

6/4V

Front wing extension

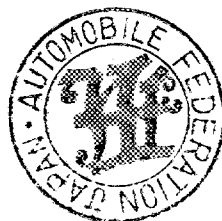
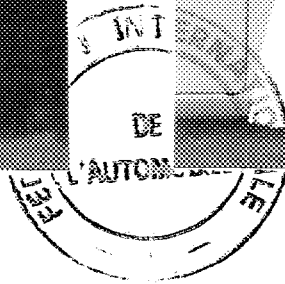
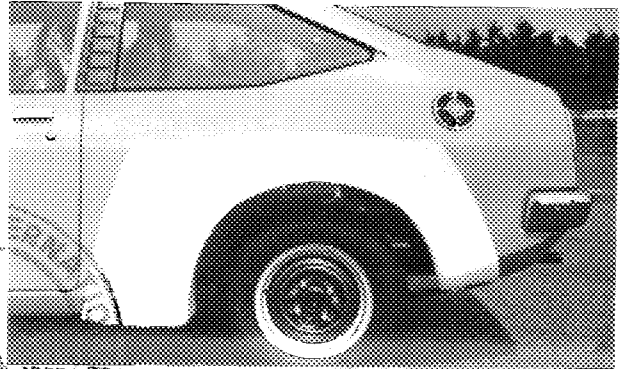
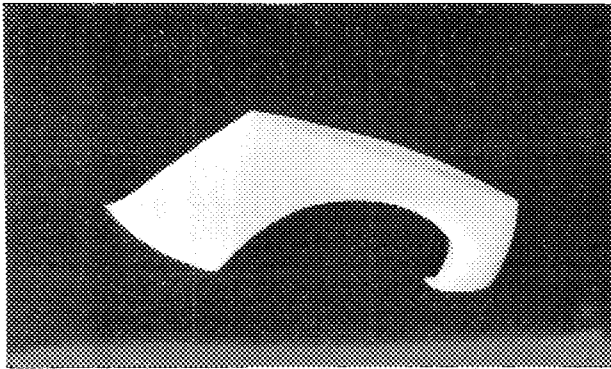
part NO. 53847-KP701 (RH)
53848-KP701 (LH)



Rear wing extension

part NO. 61681-KP701 (RH)
61682-KP701 (LH)

"valable en Groupe 2 uniquement"
"valid for Group 2 only"





日本自動車連盟
JAF
JAPAN AUTOMOBILE FEDERATION

型式番号 T-212V-7
昭和51年10月31日
J.A. Model No. 5535

715V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition accordance with
Appendix J to the International Sporting Code.
国際自動車連盟の承認状

Make Toyota Motor Co., Ltd. Model Toyota Publica Starlet, KP47
Modification's application starts with serial No. chassis 2042+1-1-3.2.3.3.3 KP47
Application of this amendment started the 1st. Oct. 1976 engines 2000cc 3K
Commercial denomination after application of modifications: Toyota Publica Starlet
The modifications are to be considered as: Variant/
Date amendment is valid from -1. JAN. 1977

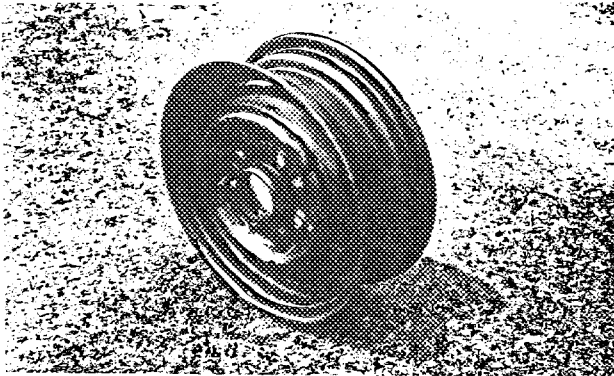
Description of amendment (NF)

Following equipment can be selected for KP47
car as maker's option.

DISC WHEEL

- 125) Unitary weight (bare wheel) 5.5 Kg
- 127) Rim width 114 mm 4.5 Inches

PhotoP : Bare wheel



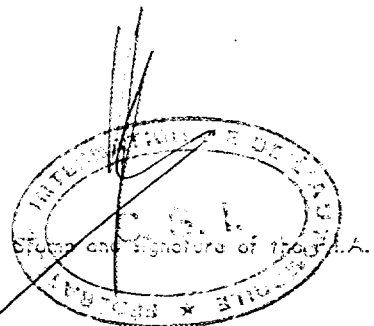
(Part No. 42611 - 10100)

Stamp and signature of the JAF

JAF MEMBER

難波靖彦

Yasuharu Nanba

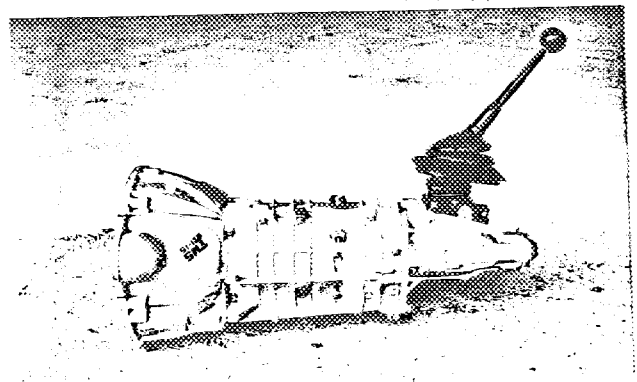


Name: TOYOTA Model: 217 FIA No. No. 5785

GEAR BOX

715V

Photo II: Gear-box (profile)



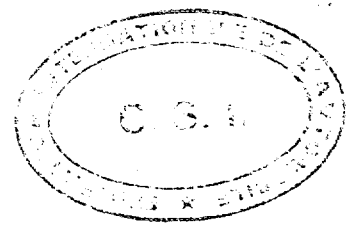
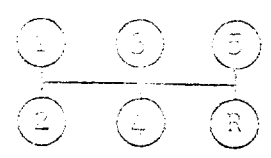
(Part No. 33110 - 10151)

90) Number of gear-ratios forward 5
95)

	MOTION					
	Ratio	Nr. teeth		Ratio	Nr. teeth	
1	3.59	$\frac{33}{23}$	X $\frac{35}{11}$	2.95	$\frac{33}{23}$	X $\frac{33}{13}$
2	2.02	$\frac{33}{23}$	X $\frac{31}{32}$	2.02	$\frac{33}{23}$	X $\frac{31}{32}$
3	1.38	$\frac{33}{23}$	X $\frac{21}{28}$	1.38	$\frac{33}{23}$	X $\frac{21}{28}$
4	1.00			1.00		
5	0.86	$\frac{33}{23}$	X $\frac{21}{35}$	0.86	$\frac{33}{23}$	X $\frac{21}{35}$
Rev.	3.48	$\frac{33}{23}$	X $\frac{11}{11}$			

215) Number of forward synchronised ratios 1,2,3,4 & 5

GEAR CHANGE GATE



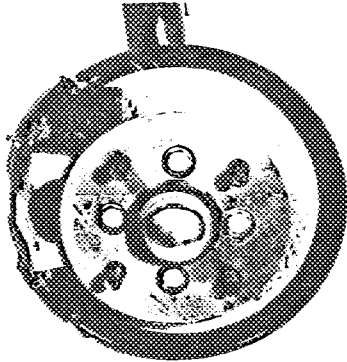
Make TOYOTA Model 1217 J.A. No. 3395

Wheel disc brake on front

715V

- 43) Number of cylinder per wheel 1
- 44) Size of wheel cylinder(s) 17.6 mm
- 54) Width of brake linings 37 mm
- 45) Number of pads per brake 2
- 60) Total area per brake 6100 mm²

Photo F: Front brake, disc with caliper

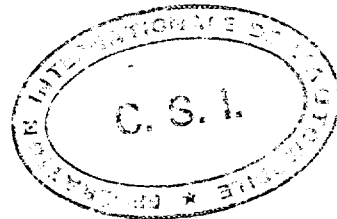


Caliper

Part No. 47710-12021 (RH)
47720-12021 (LH)

Disc

Part No. 43512-12022





JAPAN AUTOMOBILE FEDERATION

社団 日本自動車連盟
法人

FISA = Transfert en Gr. A

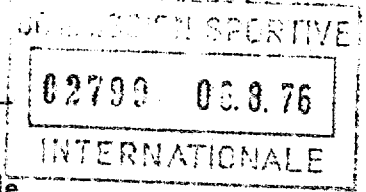
J.A.F. 公認番号 T - 212 V - 8

発効年月日 昭和 51 年 7 月 31 日

F. I. A. Homol. No 5536

8/6V

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。

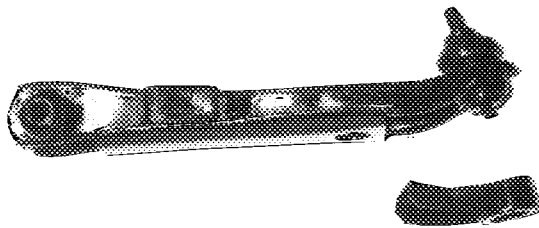
Make	Toyota Motor Co., Ltd.	Model	Toyota Publica Starlet, KP47
製造会社名		型式及び通称名	
Modification's application starts with serial		No. chassis	適用シャーシー型式番号 KP47
		engine	適用エンジン型式 3K
Application of this amendment started the	1st. July 1976		
適用年月日			
Commercial denomination after application of modifications	Toyota Publica Starlet		
The modifications are to be considered as: Variant /	XXXXXXXXXXXXXXXXXXXX		
	変型 /		
Date amendment is valid from	- 1. OCT. 1976	List	

Description of amendment 内容

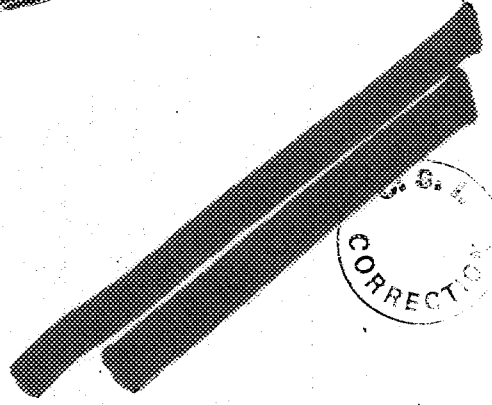
VALID FOR GROUP 2 ONLY

REINFORCED FRONT LOWER ARM

Photo: Reinforced front lower arm



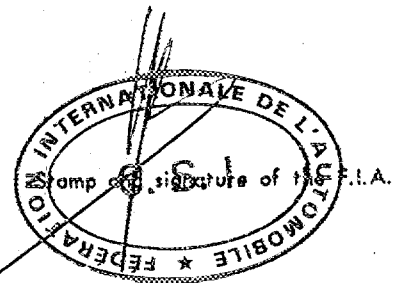
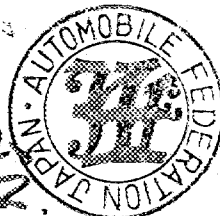
Part No. (48068 - KE051 - A (RH))
(48069 - KE051 - A (LH))



Stamp and signature of the JAF

JAF公認印及び署名

難波靖彦



Yasuharu Nanba



FEDERATION INTERNATIONALE DE L'AUTOMOBILE
 国際自動車連盟

JAF-FAISBY T-212V-9
 昭和51年10月31日
 F.I.A. Homch. No 5535

9/17

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

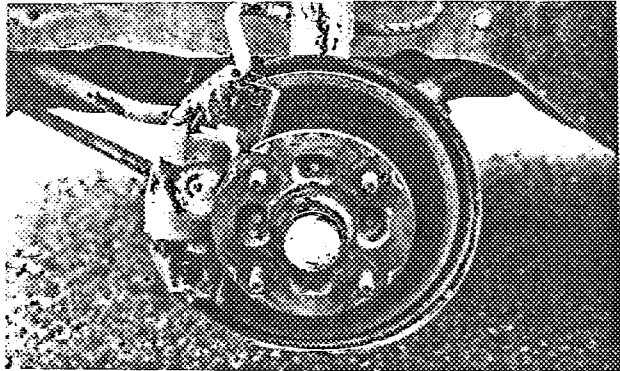
Form of recognition accordance with
 Appendix J to the International Sporting Code.
 国際自動車連盟の承認状及びその承認状に規定の形式。

Name: Toyota Motor Co., Ltd. Model: Toyota Publica Starlet, KP47
 車種名: TOYOTA
 Modification's application starts with serial: No. chassis 4701+1-1-1-1-1-1-1-1-1-1 KP47
 engine 2000cc 4缸 3K
 Application of this amendment started the: 1st. Oct. 1976
 Commercial denomination after application of modifications: Toyota Publica Starlet
 The modifications are to be considered as: Variant / 変種 / 改良型 / 改良車
 Date amendment is valid from: -1. JAN. 1977 List

Description of amendment NB: VALID FOR GROUP 2 ONLY

BRAKE disc brake on front

- 53) Number of cylinders per wheel 2
- 54) Bore of wheel cylinder(s) 50.8 mm
- 58) Width of brake linings 46 mm
- 59) Number of pads per brake 2
- 60) Total area per brake 7500 mm²



Caliper
 Part No. 47710-12080 (RH)
 47720-12080 (LH)
 Disc
 Part No. 43512-07150

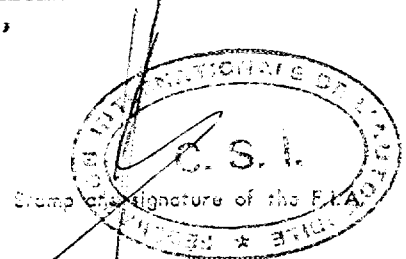
"valable en Groupe 2 uniquement"
 "valid for Group 2 only"

Stamp and signature of the JAF

JAF-FAISBY

難波靖治

Yasuharu Nanba



Stamp and signature of the F.I.A.

Make

TOYOTA

Year

Model

KP47

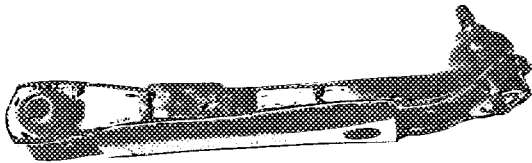
FIA Rec. No.

5536

REINFORCED FRONT LOWER ARM

Photo : Reinforced front lower arm

9/18 V

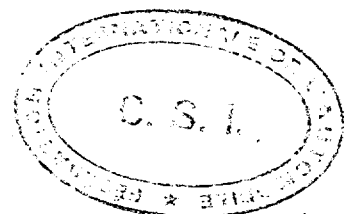


Part No. 48068-KEO51 (RH)

48069-KEO51 (LH)

"valable en Groupe 2 uniquement"

"valid for Group 2 only"





JAPAN AUTOMOBILE FEDERATION

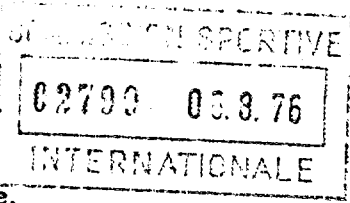
社団法人 日本自動車連盟

J.A.F. 公認番号 T-212V-8
発効年月日 昭和51年7月31日

F.I.A. Homol. No 5536

6/4V

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。

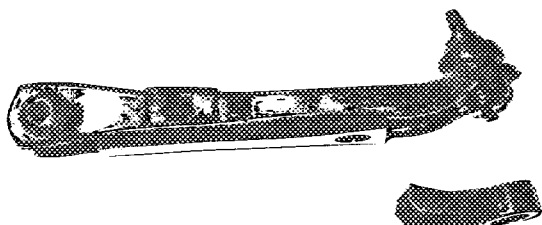
Make Toyota Motor Co., Ltd. Model Toyota Publica Starlet, KP47
 製造会社名 型式及び通称名
 Modification's application starts with serial No. chassis 適用シャーシー型式番号 KP47
 engine 適用エンジン型式 3K
 Application of this amendment started the 1st, July 1976
 適用年月日
 Commercial denomination after application of modifications Toyota Publica Starlet
 The modifications are to be considered as: Variant / ~~XXXXXXXXXXXXXXXXXXXX~~
 変型 / ~~XXXXXXXXXXXX~~
 Date amendment is valid from -1.OCT.1976 List

Description of amendment 内容

VALID FOR GROUP 2 ONLY

REINFORCED FRONT LOWER ARM

Photo: Reinforced front lower arm



Part No. (48068 - KE051 - A (RH))
(48069 - KE051 - A (LH))

"valable en Groupe 2 uniquement"
"valid for Group 2 only"

Stamp and signature of the JAF

JAF公認印及び署名

難波靖祐

Yasuharu Nanba

