



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

JAF公認番号 7-168 7/168
グループ "フリーク"
登録年月日 71.4月末日
F. I. A. Recognition No. 5420
Group 1

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

国際自動車連盟公認証書(国際自動車連盟規約付録Jによる公認形式)

Manufacturer 社名 Toyota Motor Co., Ltd.

Serial No. of chassis 車架番号 FE05-000001

engine エンジン番号 E 0001001

Registration No. 登録番号 1/7/71

Cylinder-capacity 気筒容積
Reciprocation 1407 cm³ 1407 cc
Special cm³ cc/in

Model 車名 Toyota Corolla Coupe 1400 cc 1400 cc

Manufacturer 社名 Toyota Motor Co., Ltd.

Manufacturer 社名 Toyota Motor Co., Ltd.

List 71/7

The manufacturing of the model described in this recognition form was started on Sept, 1970 and the minimum production of 1000 (one thousand) cars, in accordance with the specifications of this form, was reached on April 1971

Photograph A: 3/4 view of car from front (R.A.) 正面3/4より



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

Changes				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 公認証書印

Hiroschi Niwayama

Hiroschi Niwayama

Stamp and signature of the F. I. A.

[Signature]

Make **Toyota**

Model **TE25-N**

J.A.F. Form No. **T-168**
F.I.A. Rec. No. **5420**

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

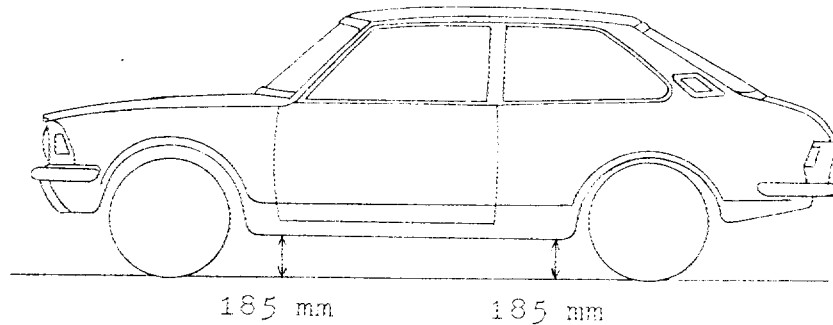
仕様記号

1. <u>Wheelbase</u> 前軸間隔	233.5	cm	91.9	inches
2. <u>Front track</u> 前軸間隔	126.0	cm	49.6	inches *
3. <u>Rear track</u> 後軸間隔	124.5	cm	49.0	inches *
4. Overall length of the car 全長		394.5	cm	inches
5. Overall width of the car 全幅		150.5	cm	inches
6. Overall height of the car 全高		137.5	cm	inches
7. Capacity of fuel tank (reserve included) 燃料タンク容量			45	ltrs
	11.9	Gallon US		Gallon Imp.
8. Seating capacity 定員	5			
9. <u>Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools</u> 車両重量 (燃料水、オイル、水、空気圧機を含む標準状態の車両重量、燃料、オイル、車載工具を除く)	770	kg	1697	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



Unit : mm

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

車幅 (垂直面)

Front 150.5 cm Rear 150.5 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 Toyota

Model TE25-N
形式

J.A.F.公認番号

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CHASSIS AND COACHWORK (Photographs A, B and C)

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

ACCESSORIES AND UPHOLSTERY

アクセサリ

38. interior heating : yes - ~~XX~~
39. Air-conditioning : ~~XX~~ - no
40. Ventilation : yes - ~~XX~~
41. Front seats, type of seats and upholstery : Separate , Vinyl
42. Weight of front seat (s), complete with supports and rails, out of the car :
12 x 2 kg lbs
43. Rear seats, type of seats and upholstery : Bench , Vinyl
44. Front bumper, material (s) : Steel Weight : 3.7 kg lbs
フロントバンパーの材質 重量
45. Rear bumper, material (s) : Steel Weight : 4.1 kg lbs
リアバンパーの材質 重量

WHEELS

ホイール

50. Type : Pressed steel
形式
51. Weight (per wheel, without tyre) : 5.4 kg lbs
重量
52. Method of attachment : 4 Nuts
取付け方法
53. Rim diameter : 330 mm 13 inches
寸法径
54. Rim width : 102 mm 4 inches
寸法幅

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 ~~XXXX~~ - 無
62. Number of turns of steering wheel from lock to lock : 3.3
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 フロントサスペンションの形式					Mopherston
71. Type of spring スプリングの種類				Coil	
72. Stabiliser (if fitted)				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 リアサスペンションの形式				Rigid	
79. Type of spring スプリングの種類				Leaf	
80. Stabiliser (if fitted)					
81. Number of shockabsorbers ショックアブソーバーの数	2	82. Type 形式		Hydraulic telescopic	

BRAXES (photographs F and G)
ブレーキ

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

		FRONT フロント			REAR リア	
93. Number of cylinders per wheel ホイール当りのシリンダー数		1			1	
94. Bore of wheel cylinder (s) ホイールシリンダーの内径	47.6	mm	in.	19.0	mm	in.
Drum Brakes ドラムブレーキ						
95. Inside diameter ドラムの内径		mm	in.	229	mm	in.
96. Length of brake linings ライニングの長さ		mm	in.	243	mm	in.
97. Width of brake linings ライニングの幅		mm	in.	40	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.	194x10 ²	mm ²	sq. in.
Disc brakes ディスクブレーキ						
100. Outside diameter ディスクの外径	230	mm	in.		mm	in.
101. Thickness of disc ディスクの厚さ	9	mm	in.		mm	in.
102. Length of brake linings パッドの長さ	97	mm	in.		mm	in.
103. Width of brake linings パッドの幅	46	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	78x10 ²	mm ²	sq. in.		mm ²	sq. in.

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ENGINE (photographs J and K) **

- エンジン
130. Cycle 4
サイクル
131. Number of cylinders 4
シリンダー数
132. Cylinder arrangement In-line
シリンダー配列
133. Bore 80 mm 3.15 in.
ボア
134. Stroke 70 mm 2.76 in.
ストローク
135. Capacity per cylinder 352 cm³
シリンダー毎の排気量
136. Total cylinder capacity 1407 cm³
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) Aluminum-alloy Number fitted 1
シリンダーヘッドの材質
140. Number of inlet ports 4
吸気孔の数
141. Number of exhaust ports 4
排気孔の数
142. Compression ratio 8.5
143. Volume of one combustion chamber 46.9 cm³
cu. in.
144. Piston, material Aluminum-alloy
ピストンの材質
145. Number of rings 3
リングの数
146. Distance from gudgeon pin centre line to highest point of piston crown 46 mm inches
147. Crankshaft : moulded / ~~XXXX~~ / ~~XXXX~~
クランクシャフト
148. Type of crankshaft : integral / ~~XXXX~~
クランクシャフトの形式
149. Number of crankshaft main bearings 5
メインベアリングの数
150. Material of bearing cap Cast iron
ベアリングキャップの材質
151. System of lubrication : ~~XXXX~~ / oil in sump
潤滑方式
152. Capacity, lubricant 3.7 ltrs pts quarts US
潤滑油量
153. Oil cooler : ~~XXXX~~ / no
オイルクーラー
154. Method of engine cooling Water
エンジン冷却方式
155. Capacity of cooling system 6.5 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. 58 mm in.
クランクシャフトの形式 内径
159. Connecting rod big end, Plain Dia. 48 mm in.
コネクティングロッド大端部の形式 内径

Weights **

160. Flywheel (clean) 10.2 kg lbs
161. Flywheel with clutch (all turning parts) 15.0 kg lbs
162. Crankshaft 11.8 kg
163. Connecting rod 0.62 kg lbs
164. Piston with rings and pin 0.53 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 *, **

- 170. Number of camshafts 1
- 172. Type of camshaft drive Chain
- 173. Type of valve operation Push rod
- 171. Location of camshaft position Cylinder block

INLET (see page 8) *, **

- 180. Material(s) of inlet manifold Aluminum-alloy
- 181. Diameter of valves 44 mm
- 182. Max. valve lift 9 mm 0.35 in. 1.73 inches
- 184. Type of spring Coil
- 186. Tappet clearance for checking timing (cold) 0.18 mm
- 187. Valves open at (with tolerance for tappet clearance indicated) B.T.D.C. $16^{\circ} \pm 10^{\circ}$
- 188. Valves close at (with tolerance for tappet clearance indicated) A.B.D.C. $54^{\circ} \pm 10^{\circ}$
- 189. Air filter, type Dry
- 183. Number of valve springs 1
- 185. Number of valves per cylinder 1

EXHAUST (see page 8) *, **

- 195. Material(s) of exhaust manifold Cast iron
- 196. Diameter of valves 36 mm
- 197. Max. valve lift 9 mm 0.35 in. 1.42 inches
- 199. Type of spring Coil
- 201. Tappet clearance for checking timing (cold) 0.30 mm
- 202. Valves open at (with tolerance for tappet clearance indicated) B.B.D.C. $58^{\circ} \pm 10^{\circ}$
- 203. Valves close at (with tolerance for tappet clearance indicated) A.T.D.C. $12^{\circ} \pm 10^{\circ}$
- 198. Number of valve springs 1
- 200. Number of valves per cylinder 1

CARBURETION (photograph N)

- 210. Number of carburetors fitted 1
- 212. Make Aisan
- 214. Number of mixture passages per carburettor 2
- 215. Flange hole diameter of exit port(s) of carburettor 30^φ & 34^φ mm
- 216. Minimum dimensions of mixture passage(s) 22^φ & 26^φ mm
- 211. Type Down draft
- 213. Model T

INJECTION (if fitted)

- 220. Make of pump
- 222. Model or type of pump
- 224. Location of injectors
- 225. Minimum diameter of inlet pipe
- 221. Number of plungers
- 223. Total number of injectors

*) for additional information concerning two-stroke engines and super-charged engines see page 14.

**) for additional information concerning Wankel rotary engines see page 15, 16.

Make Toyota

Model TE25-N
型式

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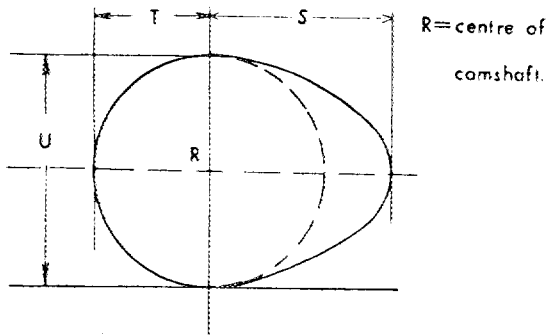
ENGINE ACCESSORIES
エンジン補機

- | | | |
|---|---|--------|
| 230. Fuel pump : mechanical and / or electrical
燃料ポンプ 機機式 電 | 231. No. fitted
ポンプの数 | 1 |
| 232. Type of ignition system Make & Break
点火方式 | 233. No. of distributors
ディストリビューターの数 | 1 |
| 234. No. of ignition coils 1
コイルの数 | 235. No. of spark plugs per cylinder XXXXX
シリンダー当りのプラグ数 XXXXXX | 1 |
| 236. Generator, type: DC / alternator-number fitted 1
発電器 交流 数 | 237. Method of drive
駆動方式 | V belt |
| 238. Voltage of generator 12 volts | 239. Battery, number
バッテリーの数 | 1 |
| 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 86 PS (type of horsepower: JIS) at 6000 rpm
251. Maximum rpm 6350 rpm output at that figure 86 PS (JIS)
252. Maximum torque 11.7 Kg-m at 3800 rpm
253. Maximum speed of the car 160 km/hour miles / hour

255. Cam profile
カムプロフィール



<u>Inlet cam</u> 吸気カム				
S =	22.4	mm	0.88	inches
T =	16.0	mm	0.63	inches
U =	32.0	mm	1.26	inches
<u>Exhaust cam</u> 排気カム				
S =	22.4	mm	0.88	inches
T =	15.9	mm	0.63	inches
U =	31.9	mm	1.26	inches

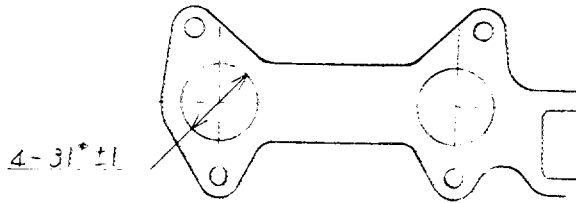
Make Toyota

Model TE25-N
型式

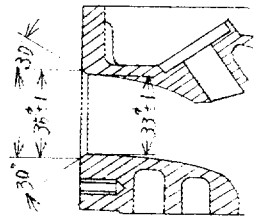
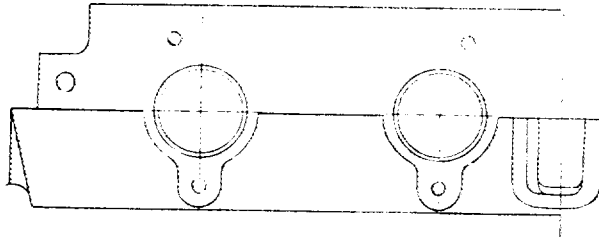
J.I.A.F.公認番号 T-168

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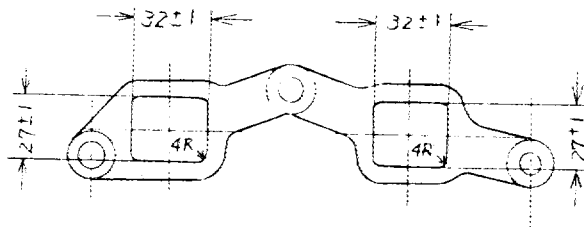
Drawing inlet manifold ports, side of cylinder-head / ~~XXXXXX~~
scale or dimensions and manufacturing tolerance



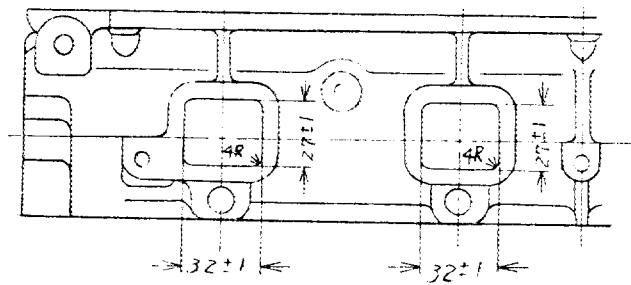
Drawing of entrance to inlet port of cylinder-head / ~~XXXXXX~~
scale or dimensions and manufacturing tolerance.



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



Drawing of exit to exhaust port of cylinderhead / ~~XXXXXX~~
Indicate scale or dimensions and manufacturing tolerance



Unit: mm
Tolerance: ± 1

Make Toyota

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DRIVE TRAIN

駆動系

CLUTCH

クラッチ

- 260 Type of clutch **Dry single plate**
形式
- 262 Dia. of clutch plates **194** mm inches
プレッシャープレートの外径
- 263 Dia. of linings inside **132** mm in. outside **190** mm in.
フランジの内径 外径
- 264 Method of operating clutch **Hydraulic**
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 **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		Automatic 自動	
	Ratio ギヤー比	No. teeth 歯数	Ratio ギヤー比	No. teeth 歯数	Ratio ギヤー比	No. teeth 歯数	Ratio ギヤー比	No. teeth 歯数
1	3.59	$\frac{33}{23} \times \frac{35}{14}$						
2	2.02	$\frac{33}{23} \times \frac{31}{22}$						
3	1.38	$\frac{33}{23} \times \frac{27}{28}$						
4	1.00							
5								
6								
reverse リバース	3.48	$\frac{33}{23} \times \frac{34}{14}$						

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

FINAL DRIVE

ファイナル

- 290 Type of final drive **Hypoid gear**
形式
291. Type of differential **Bevel gear**
差動機形式
292. Type of limited slip differential (if fitted)
リミテッドスリップデフの形式
293. Final drive ratio **4.11** **3.900**
ギヤー比
- Number of teeth **37 / 9** **39 / 10**
歯数

Make Toyota

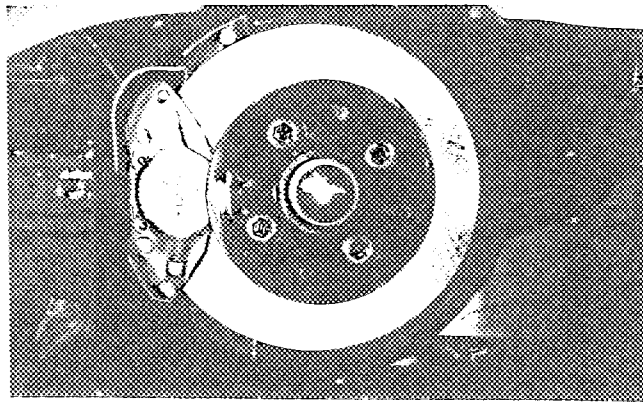
Model 型式 TE25-N

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

Disc brake on front

93 : Number of cylinders per wheel	2
94 : Bore of wheel cylinder(s)	48.1 mm
100 : Outside diameter	244 mm
101 : Thickness of disc	10 mm
102 : Length of brake linings	47.5 mm
103 : Width of brake linings	60.9 mm
104 : Number of pads per brake	2
105 : Total area per brake	$56 \times 10^2 \text{ mm}^2$



Photo, F. Front brake disc with caliper(s)

(Part number : 47710-20010

47720-20010)

Make Toyota

Model TB25-N

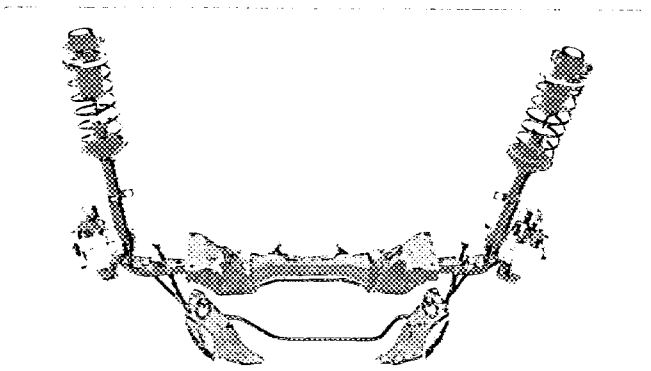
F.A.I. No. T-168
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Photograph

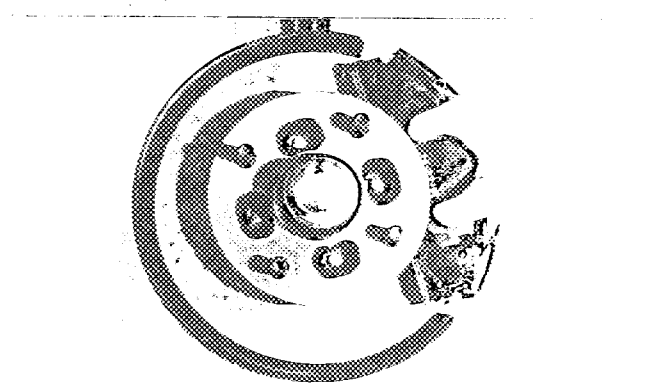
B. Rear view of car from rear (shown in view)



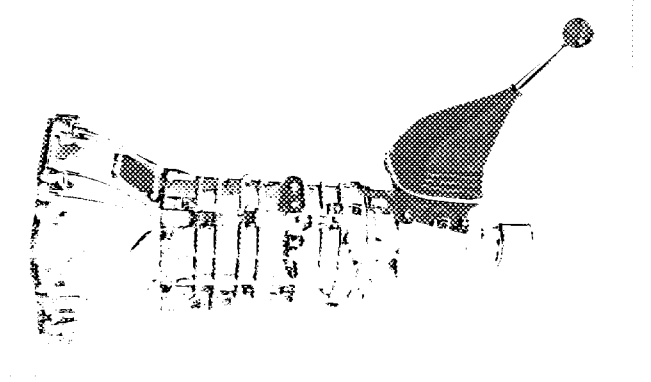
D. Front view of engine removed from car. (Without wheels)



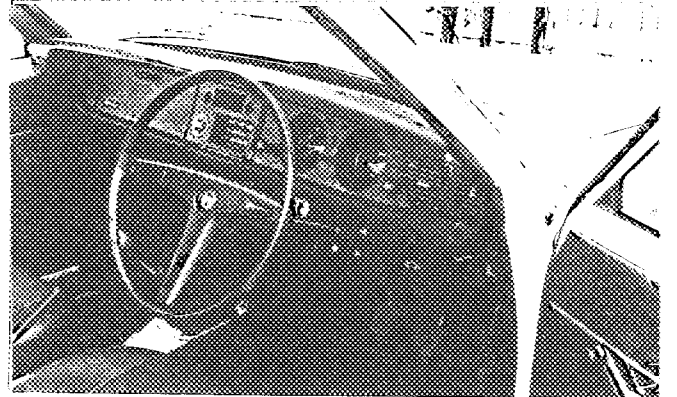
F. Front view of engine removed from car (with wheels)



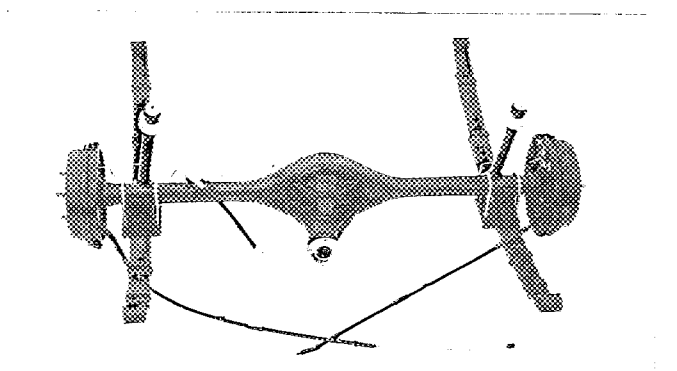
H. Exhaust pipe from car



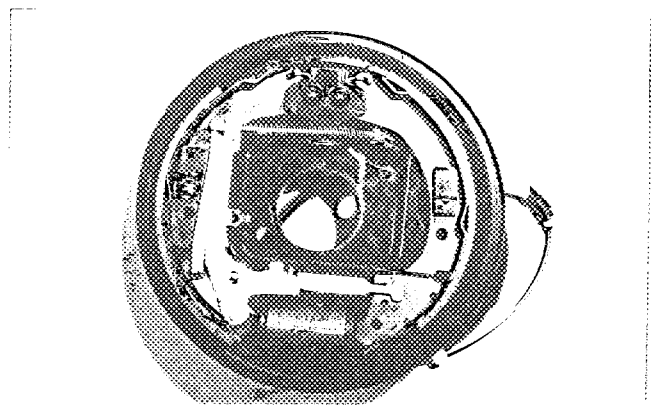
C. Interior view of car through driver's door (shown in view) with dashboard (14700)



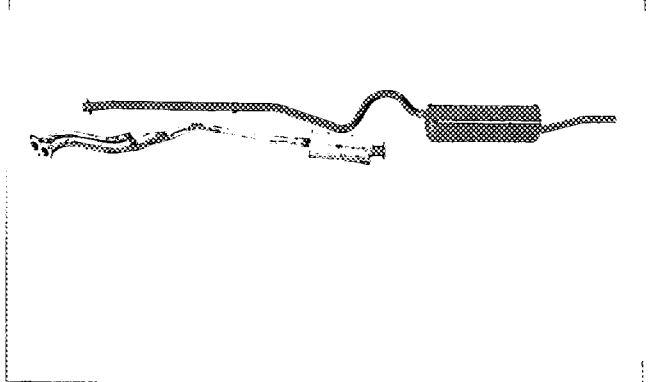
E. Rear axle complete without wheels, removed from car



G. Rear brake drum removed (with wheel block)



I. Silencer of exhaust pipes after exhaust manifold (14700)



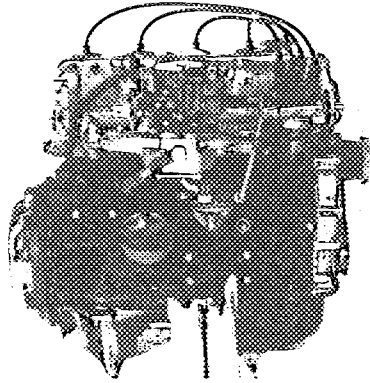
Make Toyota

Model TB25-3

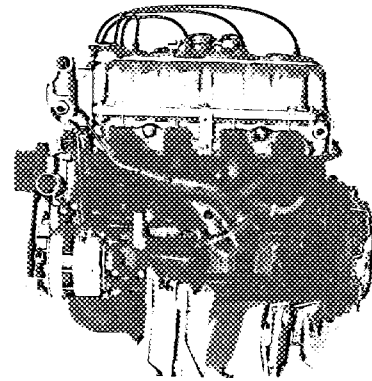
F.A. File No. T-168
F.I.A. Rec. No. 5420

Photograph

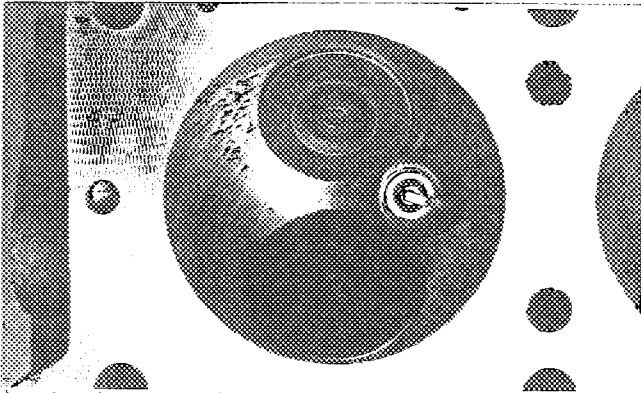
J. Engine unit out of car, from right. With clutch and accessories but without air filter nor gear-box.



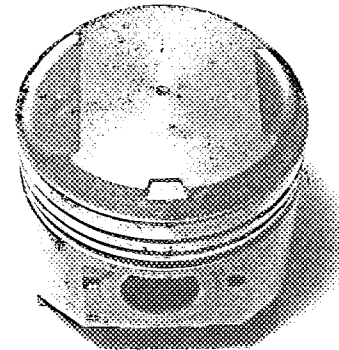
K. Engine unit out of car, from left. With clutch and accessories but without gear-box nor air filter.



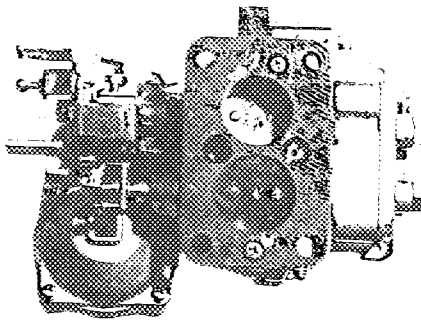
L. Combustion chamber of R6F6P housing X X X X X X X X



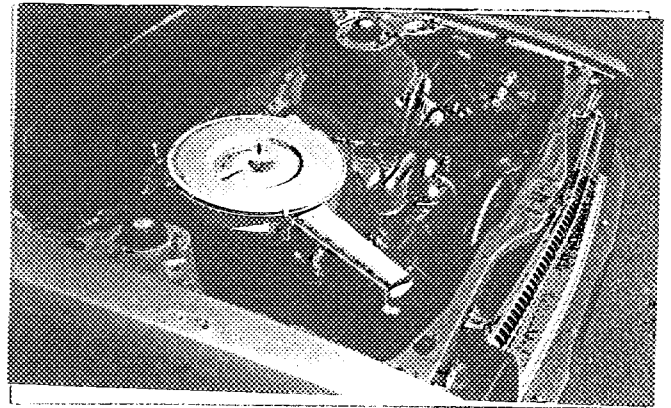
M. Piston crown of R6F6P crank pin



N. Submarine hose from water manifold



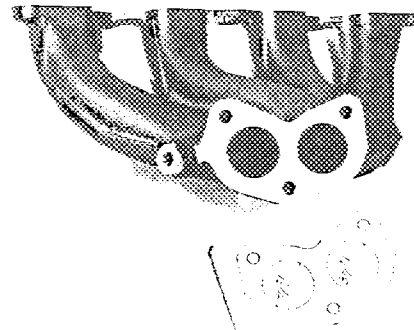
O. Engine in car with all accessories, bonnet open or removed



P. Inlet manifold R6F6P

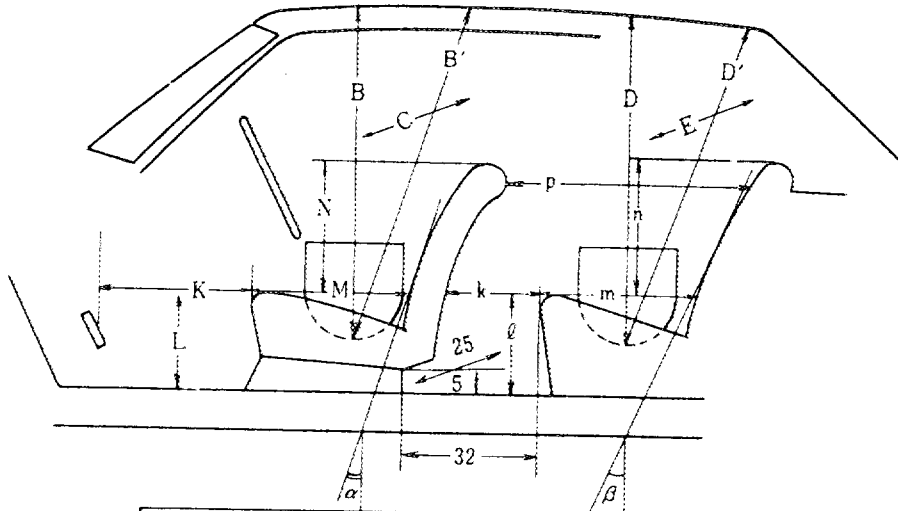


Q. Exhaust manifold R6F6P



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

For four seaters:
4座席

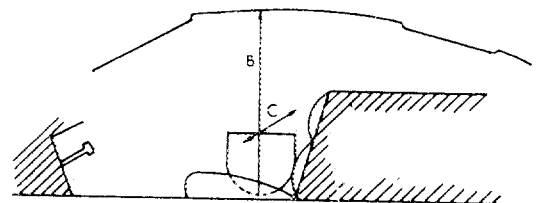


Minimum Dimensions (cm)							
B	B'	α	C	D	D'	β	E
96	107	24°	129	94.5	96	25°	128

Minimum Dimensions (cm)										
L	l	M	m	N	n	k+m	p	k	k+l+m	K+L+M
30.5	32.0	48	43.5	56	45	65.5	57.0	22	97.5	121.5
0.9L = 27.45		0.85M = 40.8		0.8N = 44.8		0.8(k+m) = 52.4		(15)	(95)	(120)

For two seaters:
2座席

Minimum Dimensions	
B	C
cm	cm



Make Toyota

Model
型式 TE25-N

J-A-F公認番号 T-168

F.I.A. Rec. No.

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 :
過給器

Unit: mm

Tolerance:

Make Toyota

Model
型式 TE25-NWankel 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 トロコイド幅	mm		in.
406. Trochoid, generating radius (Containing equidistance) トロコイド生成半径(平均移動量を含む)	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(附 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 Toyota

Model TE25-N
型式

421.	Number of oil scraping ring per rotor 1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) 吸気孔開き始めの公差を含む				
464.	Inlet port close at (with tolerance) 吸気孔閉じ終りの公差を含む				
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) 排気孔開き始めの公差を含む				
474.	Exhaust port close at (with tolerance) 排気孔閉じ終りの公差を含む				

Make Toyota

Model
型式 TE25-N

J.A.F.公認番号 T-168
F.I.A. Rec. No. 5420

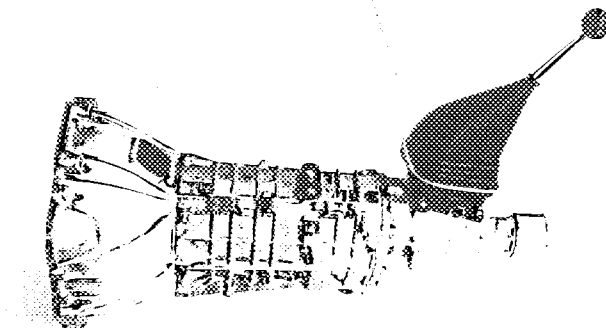
Optional

GEAR BOX

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

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

Photo. H, Gear-box, view from side
(part number : 33110-14050)



FINAL DRIVE

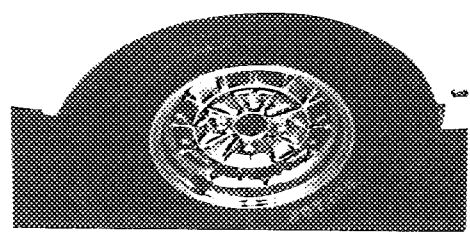
293 : Final drive ratio 3.7 4.375
Number of teeth 37/10 35/ 8

-GR2-

NOT VALID FOR GROUP 1 ONLY

Optional
Wing extensions

Photo.



Front wing extension

Part number :
53818-06300
53819-06300

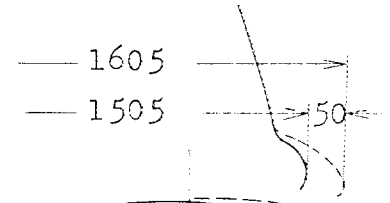
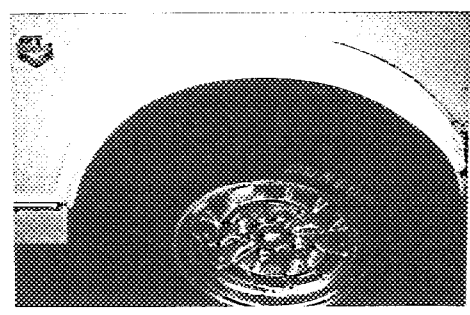
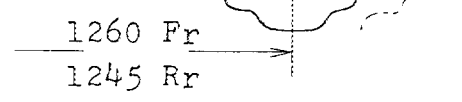


Photo.



Rear wing extension

Part number :
61619-06300
61629-06300



Center

of original rim

Unit : mm



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

日本自動車連盟 T-1682-1 220cc 系
71.9月7日
F.I.A. Homol. No 5420/1/1V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make: Toyota Motor Co., Ltd. Model: Toyota Corolla Coupe 1400 Hi-DeLuxe, TE25-H.

Modification's application starts with serial No. chassis engine TE25-000001 TE-0001001

Application of this amendment started the 1st September, 1970

Commercial denomination after application of modifications: Toyota Corolla Coupe 1400GL, TE25-H.

The modifications are to be considered as: Variant of ~~XXXXXXXXXXXXXXXXXXXX~~ ~~XXXXXX~~

Date amendment is valid from 1/7/71 to 7/1/72

Description of amendment: ...

Another type of engine can be selected for TE25-H cars as maker's option.

136 : Total cylinder-capacity 1407 cm³ 86.86 cm³/in.

Photo. J

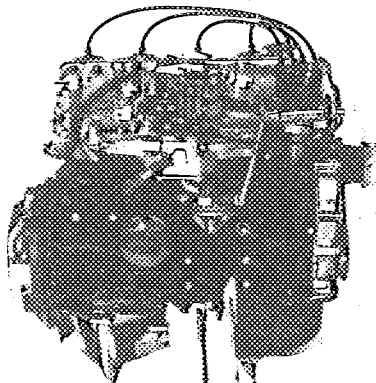
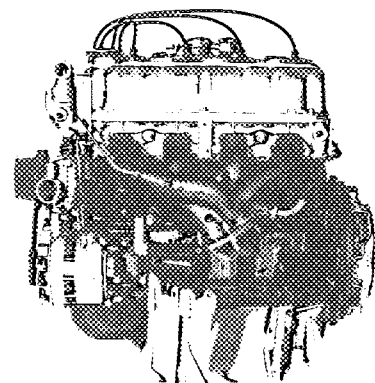


Photo. K



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

Stamp and signature of the JAF

JAF APPROVED

庭山博史

Hiroshi Niwayama

Stamp and signature of the F.I.A.

ENGINE (Photographs J and K)

142 : Compression ratio 9.6

143 : Volume of one combustion chamber 40.9 cm³

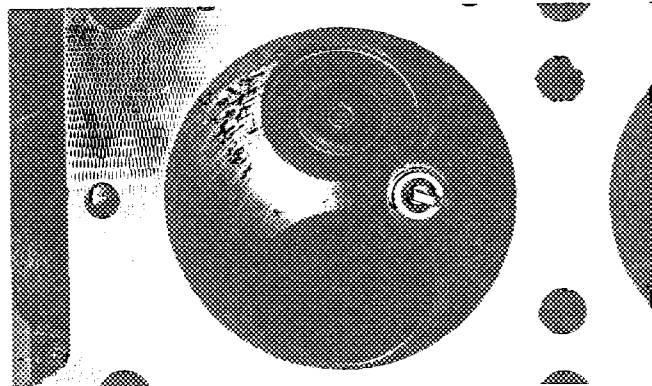
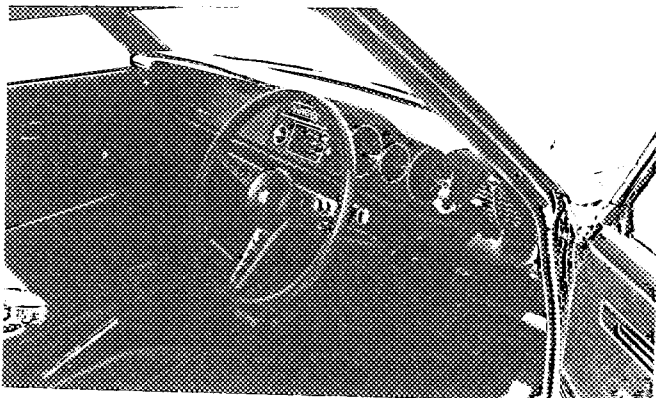
ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

250 : Max. engine output 90 PS (type of horsepower : JIS) at 6000 rpm

252 : Maximum torque 12.0 kg-m at 3800 rpm

Photograph

C , Interior view of car through driver's door (open or removed) with dashboard. L , Combustion chamber door (open or removed) with dashboard.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 登録番号 T-1680-2 72.1.4号
発給年月日 71.4月末日
F.I.A. Homol. No. 5420/2/2J

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

国際自動車連盟 (Fédération Internationale de l'Automobile) の承認書

Make Toyota Motor Co., Ltd.

製造会社名

Model

Modeling Toyota Corolla Coupe 1400 Hi-DeLuxe.

Modification's application starts with serial

No. chassis 000001 TE25-000001

TE25-111

engine 000001 T-0001001

Application of this amendment started in 1st Jan, 1971

Commercial denomination after application of modifications Toyota Corolla Coupe 1400SL, TE25-SZ.

The modifications are to be considered as: Variant/
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXX~~

Date amendment is valid from

1/7/71

to 7/1/7

Description of amendment:

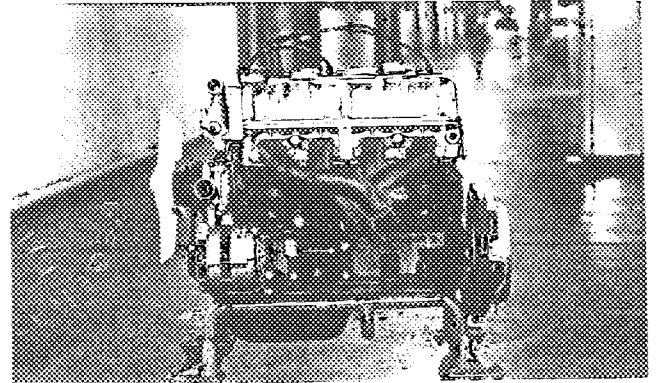
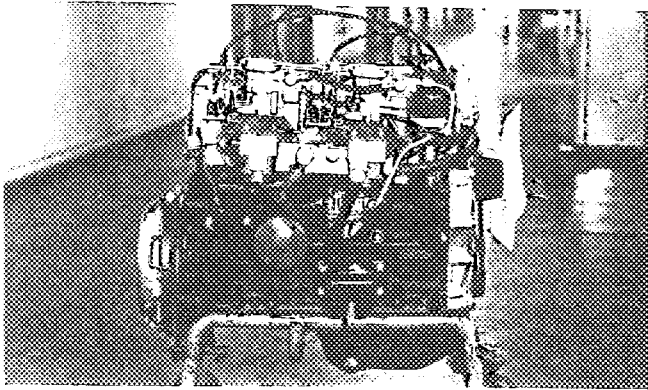
Another type of engine can be selected for TE25-N cars as maker's option.

Total cylinder-capacity

1407 cm³ 85.86 cu. in.

Photo. J

Photo. K



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

Stamp and signature of the JAF

JAF 印 署名欄

渡山博史

Hiroshi Niwayama

Stamp and signature of the F.I.A.

ENGINE (Photographs J and K)

142 : compression ratio 9.6
143 : Volume of one combustion chamber 40.9 cm³

INLET

187 : Valves open at (with tolerance for tappet clearance indicated)
B.T.D.C. 22° ± 10°

EXHAUST

202 : Valves open at (with tolerance for tappet clearance indicated)
B.B.D.C. 64° ± 10°

CARBURETION (Photograph N)

210 : Number of carburettors fitted 2
213 : Model T-B
215 : Flange hole diameter of exit port(s) of carburettor 28⁺ & 28⁺ mm
216 : Minimum dimensions of mixture passage(s) 18⁺ & 24⁺ mm

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

250 : Max. engine output 95 PS (type of horsepower : JIS) at 6000 rpm
251 : Maximum rpm 6500 rpm output at that figure 92 PS (JIS)
252 : Maximum torque 12.3 kg-m at 4000 rpm
253 : Maximum speed of the car 160 km/hour

255 :

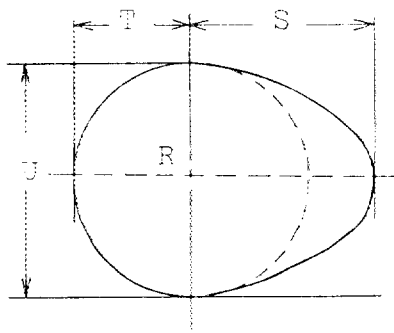
R =center of
camshaft.

Inlet

S = 22.5 mm 0.89 inches
T = 15.9 mm 0.63 inches
U = 31.9 mm 1.26 inches

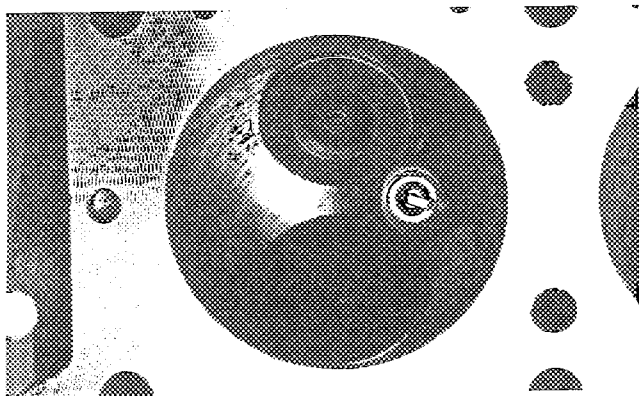
Exhaust cam

S = 22.5 mm 0.89 inches
T = 15.8 mm 0.62 inches
U = 31.8 mm 1.25 inches

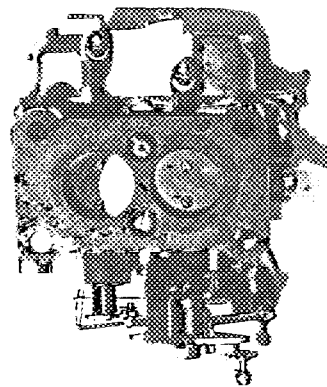


Photograph

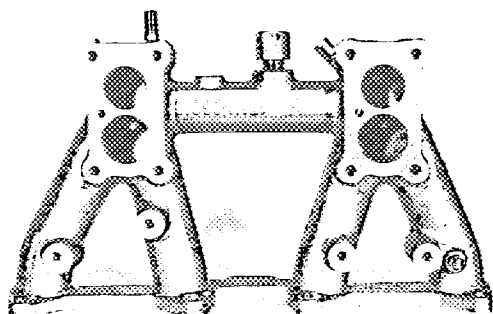
L, Combustion chamber.



N, Carburettor (view from side of manifold).



P, Inlet manifold.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

EXHIBIT T-168V-3 72.4.0 70
71.4.7B
F.I.A. Homolog. No. 5420/3/3V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make Toyota Motor Co., Ltd.
 Model Toyota Corolla (E100) 1.6L
 Modification's application starts with serial No. 000010001
 Application of this amendment started the 1st September, 1971
 Commercial denomination after application of modification Toyota Corolla 1.6L
 The modification are to be considered as Variant of the original design of the JAF
 Date amendment is valid from 1/7/71 to 7/1/77
 Description of the variant

Stamp and signature of applicant, manufacturer and dealer (if they exist)

Stamp and signature of the JAF



A. 3/4 view of car from front.

B. 3/4 view of car from rear.

Stamp and signature of the JAF

JAF (Signature)

庭山博史

Hiroshi Niwayama

Stamp and signature of the F.I.A.

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-1682-4 22.4cc 2/3
登録年月日 71.4月末日
F.I.A. Homol. No 5420/4/4V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

(この表は、国際自動車連盟(F.I.A.)の技術規則の附則Jに於て規定)

Make Toyota Motor Co., Ltd. Model Toyota Corolla Coupe 1400 Hi-Debut
No. chassis TE25-000001 engine 2T 0001001
Application of this amendment started the 1st November, 1970
Commercial denomination after application of modifications Toyota Corolla Coupe 1600 Debut
The modifications are to be considered as: Variant / ~~XXXXXX~~
Date amendment is valid from 1/7/71 list 71/7

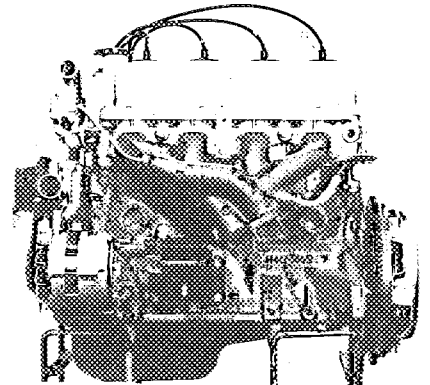
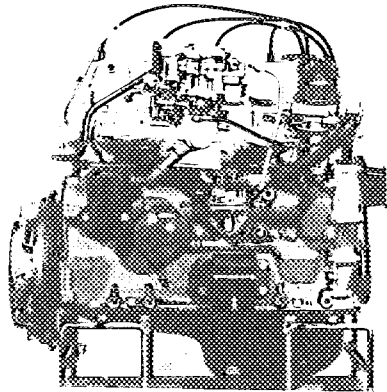
Description of amendment 136

Another type of engine can be selected for TE25-N cars as maker's option.

136 : Total cylinder-capacity 1588 cm³ 96.91 cu. in.

Photo. J

Photo. K



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

The No. chassis installed this engine include on and after

Stamp and signature of the JAF

JAF代表者印名

庭山博史

Hiroshi Niwayama

TE27-000001.

Stamp and signature of the F.I.A.

ENGINE (photographs J and K)

133 : <u>Bore</u>	85	mm	3.35 in.
135 : <u>Capacity per cylinder</u>	397	cm ³	24.23 cu. in.
136 : <u>Total cylinder-capacity</u>	1588	cm ³	96.91 cu. in.
143 : Volume of one combustion chamber	42.9	cm ³	
146 : Distance from gudgeon pin centre line to highest point of piston crown.	45	mm	

CARBURETION (photograph N)

213 : Model	2T-C
216 : Minimum dimensions of mixture passage (s)	23 ^φ & 27 ^φ mm

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

250 : Max. engine output	100 PS (type of horsepower : JIS) at 6000 rpm
251 : Maximum rpm	6350 rpm output at that figure 98 PS (JIS)
252 : Maximum torque	13.7 kg-m at 3800 rpm
253 : Maximum speed of the car	170 km/hour

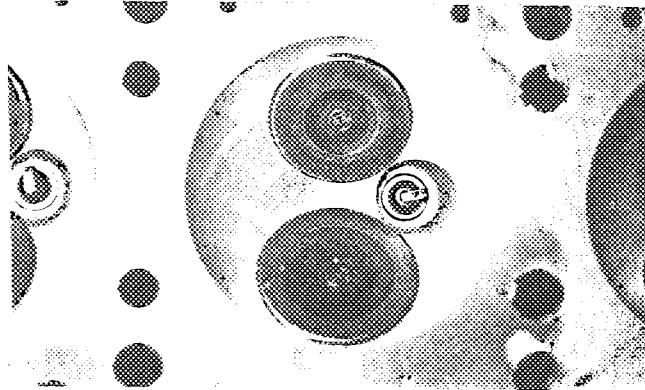
Make Toyota

Model
型式 TE27L-AD

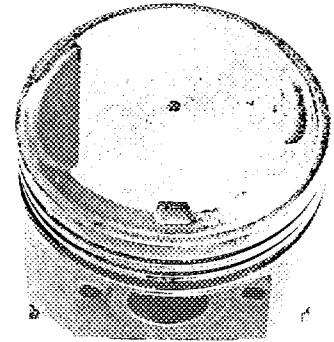
J.A.F.公認番号 T-168V-4
F.I.A. Rec. No. 5420/4/4V

Photograph

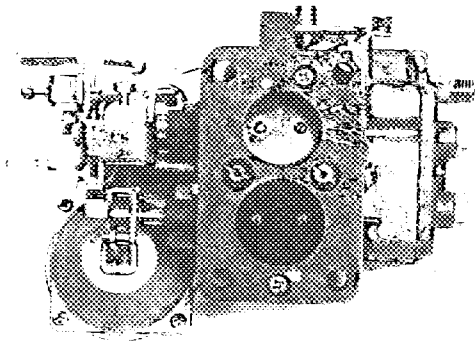
L, Combustion chamber



M, Piston crown



N, Carburettor (view from side manifold)





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-168 E-7
発効年月日 47. 3. 31
F.I.A. Homol. No 5420

5/1E

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 Corolla Coupe 1400 Hi-Deluxe, TE25-N
 製造会社名 型式及び商品名
 Modification's application starts with serial No. chassis 適用シャシー番号 TE25-045160
 engine 適用エンジン番号 T 0125917
 Application of this amendment started the 1st Aug. 1971
 適用年月日
 Commercial denomination after application of modifications Toyota Corolla Coupe 1400
 Hi-Deluxe, TE25-N
 The modifications are to be considered as: ~~XXX~~ / normal evolution of the type
~~XX~~ / 正常進化
 Date amendment is valid from List

Description of amendment 内容

1. Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N

1-1 COACHWORK

Photo. A

3/4 view of car from front



Photo. B

3/4 view of car from rear

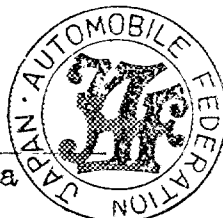


Stamp and signature of the JAF

JAF公認印及び署名

鹿山博史

Hiroshi Niwayama



Stamp and signature of the F.I.A.

[Signature]

2. Toyota Sprinter Coupe 1400 Hi-Deluxe, TE25-BN

Photo. A

3/4 view of car from front



Photo. B

3/4 view of car from rear



3. Toyota Corolla Coupe 1600 Deluxe, TE27L-AD

Photo. A

3/4 view of car from front



Photo. B

3/4 view of car from rear





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-168V-II

発効年月日 47. 4. 30
F.I.A. Homol. No. 5420

6/5V

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 Corolla Coupe 1400 Hi-Deluxe**
 製造会社名 **Toyota Motor Co., Ltd.** 型式及び通称名 **TE25-N**
 Modification's application starts with serial No. chassis 適用シャーシー番号 **TE25-000001**
 engine 適用エンジン番号 **T 0001001**

Application of this amendment started the 1st Feb, 1972
 適用年月日

Commercial denomination after application of modifications **Toyota Corolla Coupe 1400 Hi-Deluxe**
TE25-N series.

The modifications are to be considered as: Variant / ~~XXXXXXXXXXXXXXXXXXXX~~
 変型 / ~~正非規格~~

Date amendment is valid from _____ list

Description of amendment 内容

Optional Wing extensions

VALID FOR GROUP 1 ONLY

FOR

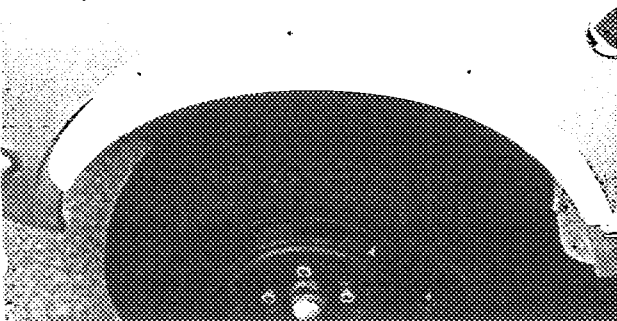


Photo. Front wing extension
 Part, No. 53847-12010-05
 53848-12010-05

Fr 1545
 Rr 1595
 1505

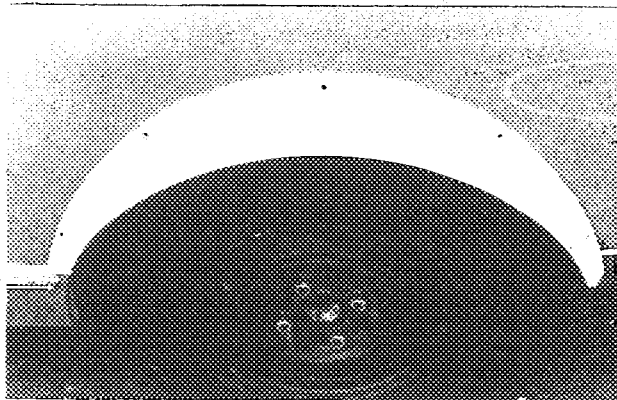
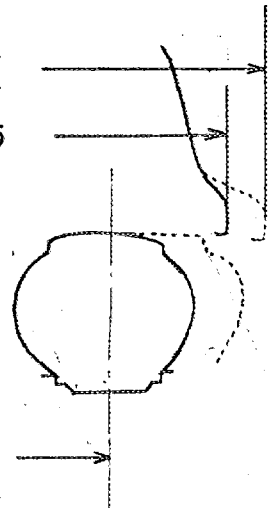


Photo. Rear wing extension
 Part, No. 61681-12010-05
 61682-12010-05

1260 Fr
 1245 Rr



Unit : mm

Stamp and signature of the JAF

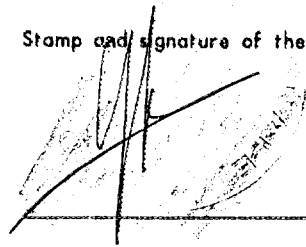
JAF公認印及び署名

三井 平八郎

Heihachiro Mitsui



Stamp and signature of the F.I.A.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-168 V-6
発効年月日 47. 2. 29
F.I.A. Homol. No 5h20
7/6V

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 Corolla Coupe 1400 Hi-DeLuxe
Modification's application starts with serial No. chassis TE25-000001 engine TE25-N
Application of this amendment started the 10th January, 1972
Commercial denomination after application of modifications T 0001001
The modifications are to be considered as: Variant / ~~XXXXXXXXXXXXXXXXXXXX~~
Date amendment is valid from List

Description of amendment 内容

Optional VALID FOR GROUP IV ONLY
Wing extensions

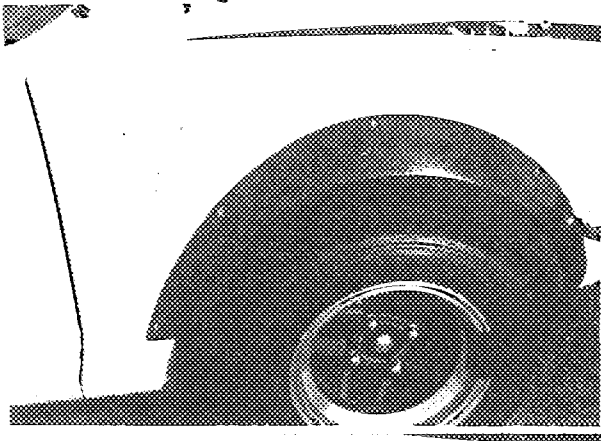


Photo. Front wing extension
(Part number: 53847-12020 1605
53848-12020) 1505

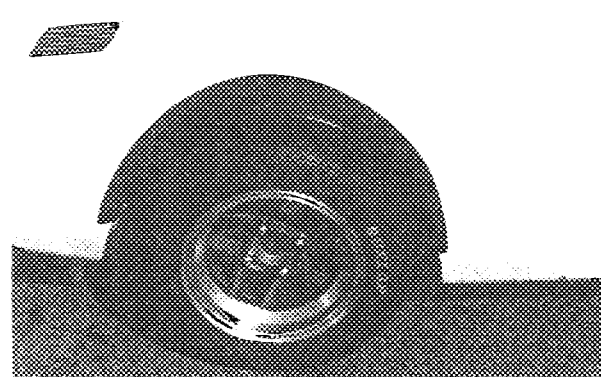
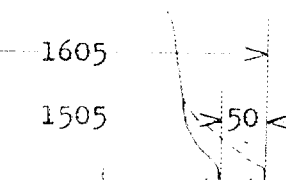


Photo. Rear wing extension
(Part number: 61681-12020
61682-12020)

Center of original rim
Unit : mm

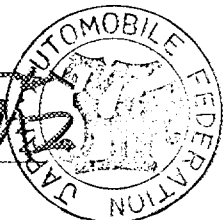
1260 Fr
1245 Rr

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]



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-168V-8

発効年月日 47. 3. 31

F.I.A. Homol. No 5420

8/7V

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 Corolla Coupe 1400 Hi-Deluxe, TE25-N
 製造会社名 型式及び通称名
 Modification's application starts with serial No. chassis 適用シャシー番号 TE25--000001
 engine 適用エンジン番号 T 0001001
 Application of this amendment started the 1st Aug, 1971
 適用年月日
 Commercial denomination after application of modifications Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N
 The modifications are to be considered as: Variant / ~~XXXXXX~~
 変型 / ~~XXXXXX~~
 Date amendment is valid from List

Description of amendment 内容

Optional

Final drive

293. Final drive ratio

4.300

Number of teeth

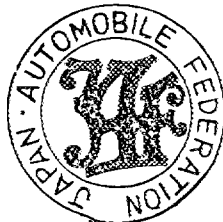
43 / 10

Stamp and signature of the JAF

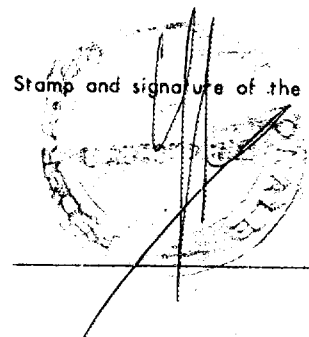
JAF公認印及び署名

庭山博史

Hiroshi Niwayama



Stamp and signature of the F.I.A.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

CLASSIFICATION T-168 V-16
CATEGORY 47.10.31
F.I.A. Homol. No. 5420

9/8V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make Toyota Motor Co., Ltd

Model Toyota Corolla Coupe 1,400 Hi-Deluxe ,

TE25-000001 TE25-N

Manufacturer's application starts with serial

No. chassis TE25-000001
engine T 0001001

Application of this amendment dated the 1st April 1972

Commercial denomination after application of modifications Toyota Corolla Coupe 1,400 Hi-Deluxe ,

The modifications are to be considered as Variant ~~XXXXXXX~~ TE25-N series .

This amendment is valid from

List

Description of amendment (if)

Option

VALID FOR GROUP II ONLY

Disc brake on front (ventilated disc)

93 : Number of cylinder per wheel	2
94 : Bore of cylinder (s)	50.8 mm
100 : Outside diameter	266 mm
101 : Thickness of disc	20 mm
102 : Length of brake linings	71 mm
103 : Width of brake linings	50 mm
104 : Number of pads per brake	2
105 : Total area per brake	71 x 10 ² mm ²

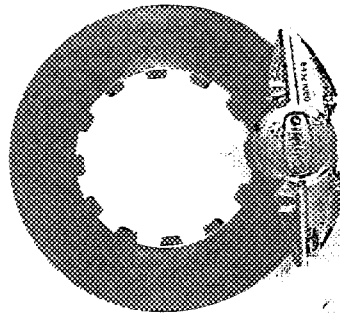


Photo. F Front brake disc with caliper
(part number : 47710-TA101
47720-TA101)

Stamp and signature of the JAF

JAF SECRETARY

三井平八郎

Heihachiro Mitsui



Stamp and signature of the F.I.A.

Front suspension

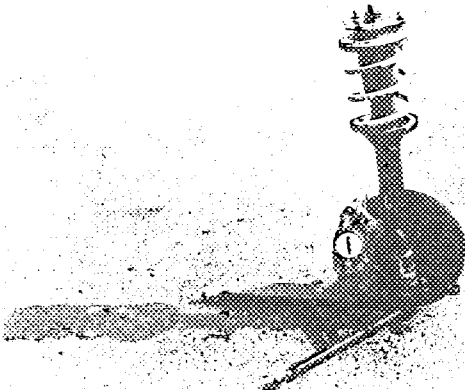


Photo.
Front suspension

part number

(R) 48100 - TE010

(L) 48200 - TE010

Wheel spacer

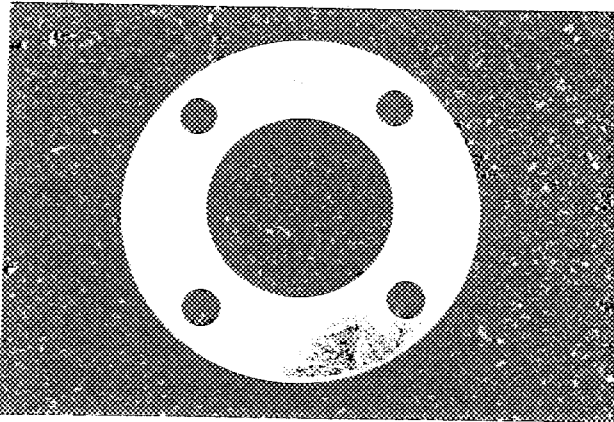


Photo.
Wheel spacer

part number

00561-16090

thickness : 3 mm

00561-16100

thickness : 5 mm

00561-16110

thickness : 10 mm





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. No. 100 X 4

2004年 47. 3. 31

F.I.A. Homol. No. 5420 10/90

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

国際自動車連盟規約の付録Jに準じた承認書

Make Toyota Motor Co., Ltd. Model Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N
 Modification's application starts with serial No. chassis 適用車台番号 TE27-000001
 engine 適用エンジン番号 2T 0001001
 Application of this amendment started the 1st Jan. 1972
 Commercial denomination after application of modifications Toyota Corolla Levin, TE27
 The modifications are to be considered as: Variant / 別格承認事項
 Date amendment is valid from 1.3.73 List

Description of amendment:

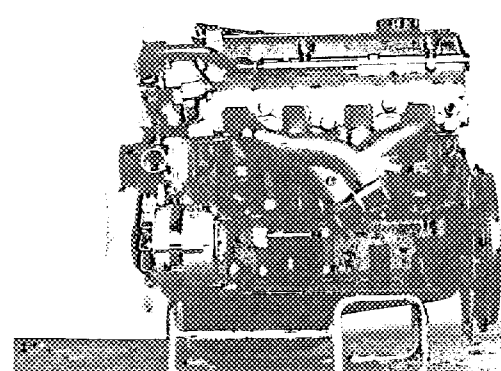
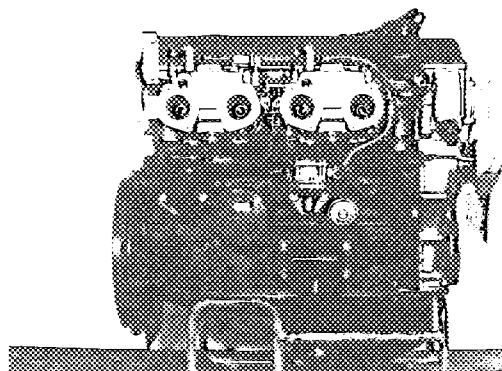
Another type of engine can be selected for TE25-N cars as maker's option.

Photo. J

Photo. K

engine unit out of car from right.

engine unit out of car from left.



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

The No. of chassis installed this engine include on and after

TE27-000001.

Stamp and signature of the JAF

J.A.F. MEMBER

Handwritten signature: Hiroshi Miyayama



Stamp and signature of the F.I.A.

Handwritten signature

ENGINE (Photographs J and K)

133. <u>Bore</u>	85 mm	3.35 in.
135. <u>Capacity per cylinder</u>	397 cm ³	24.23 cu. in.
136. <u>Total cylinder-capacity</u>	1588 cm ³	96.91 cu. in.
142. Compression ratio	9.8	
143. Volume of one combustion chamber	45.1 cm ³	
146. Distance from gudgeon pin center line to highest point of piston crown	45 mm	
152. Capacity, lubricant	3.8 ltrs	
155. Capacity of cooling system	7.4 ltrs	

FOUR STROKE ENGINES

170. Number of camshafts	2
171. Location	Cylinder head
173. Type of valve operation	Direct

INLET

181. <u>Diameter of valves</u>	41 mm	1.61 in.
182. <u>Max. valve lift</u>	9 mm	0.35 in.
186. Tappet clearance for checking timing (cold)		0.29 mm
187. Valves open at (with tolerance for tappet clearance indicated)		B.T.D.C. 20° ± 10°
188. Valves close at (with tolerance for tappet clearance indicated)		A.B.D.C. 48° ± 10°

EXHAUST

201. Tappet clearance for checking timing (cold)		0.34 mm
202. Valves open at (with tolerance for tappet clearance indicated)		B.B.D.C. 52° ± 10°
203. Valves close at (with tolerance for tappet clearance indicated)		A.T.D.C. 16° ± 10°

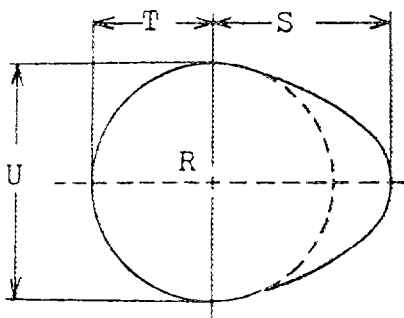
CARBURETION (Photograph N)

- 210. Number of carburettors fitted 2
- 211. Type Side draft
- 212. Make Mikuni
- 213. Model 2T-G
- 214. Number of mixture passages per carburettor 2
- 215. Flange hole diameter of exit port(s) of carburettor 40 mm
- 216. Minimum dimensions of mixture passage(s) 30^φ & 30^φ mm

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

- 250. Max. engine output 115 PS (type of horsepower : JIS) at 6400 rpm
- 251. Maximum rpm 6800 output at that figure 113 PS (JIS)
- 252. Maximum torque 14.5 Kg-m at 5200rpm
- 253. Maximum speed of the car 190 Km/hour
- 255. Cam profile

R= Center of
camshaft.



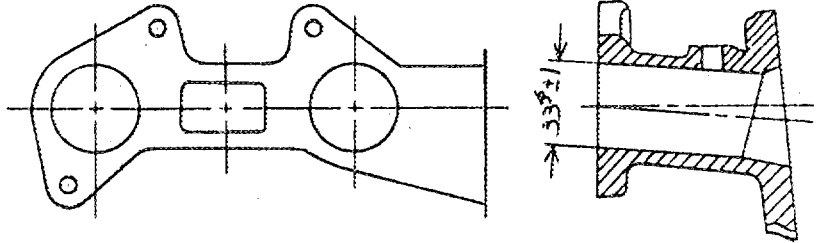
Inlet cam

- S= 27.9 mm 1.10 inches
- T= 18.0 mm 0.71 inches
- U= 36.1 mm 1.42 inches

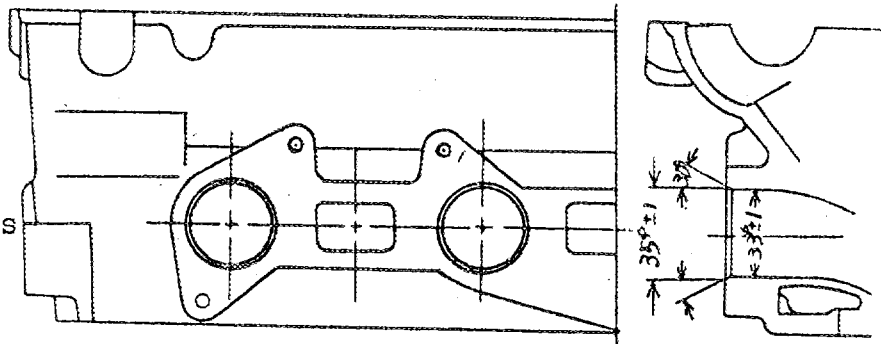
Exhaust cam

- S= 27.9 mm 1.10 inches
- T= 18.0 mm 0.71 inches
- U= 36.1 mm 1.42 inches

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



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



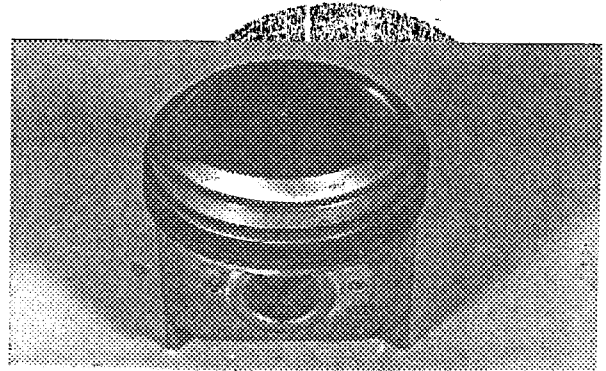
Unit : mm
Tolerance. ±1

Photograph

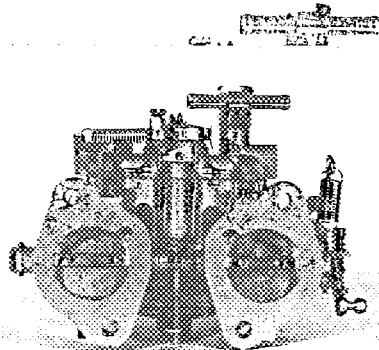
L. combustion chamber.



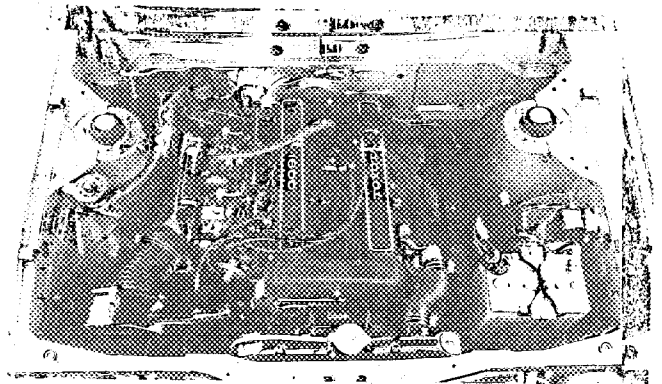
M. piston crown.



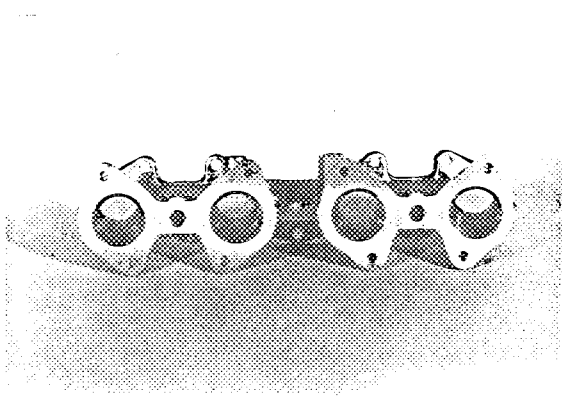
N. carburettor (view from side of manifold)



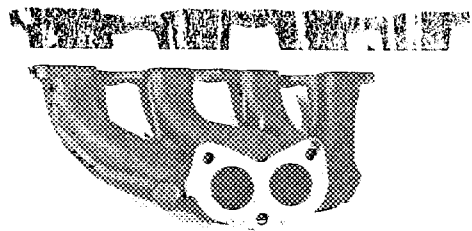
O. engine in car with all accessories, bonnet open or removed.



P. inlet manifold.



Q. exhaust manifold.



Make Toyota

Model TE27

J.A.F. 2589

F.I.A. Rec. No.

R-103 V-9
10/31

COACHWORK

Photo. A

3/4 view of car from front.



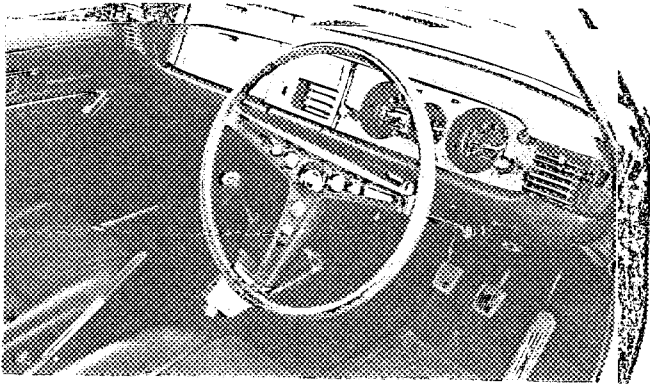
Photo. B

3/4 view of car from rear



Photo. C

Anterior view of car through driver's door with dashboard.



DIMENSIONS

- B. Overall width of the car 159.5 cm
- C. Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools.
795 Kg 1753 lbs

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

Front	154.5 cm	Rear	159.5 cm
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Make Toyota

Model 型式 TE27

J.A.F. 168 V-9

F.I.A. Rec. No.

11/10V

Optional

"Valid for Group 2 equipment"

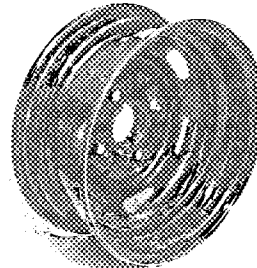
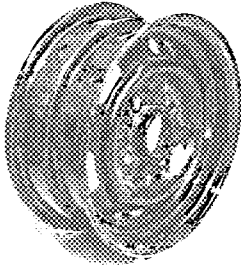
Wheels

"Valid for Group 1 only"

- 51. Weight (per wheel, without tyre)
- 54. Rin width

6.2 kg
127 mm 5 inches

Photo. 5J wheel.
(Part, No. 42611-06300)



NOT VALID FOR GROUP 1 ONLY

Wing extensions

Photo.

front wing extension.

Part, No. 53847-12030
53848-12030

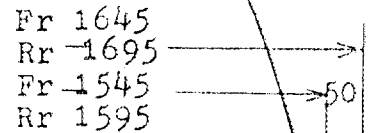
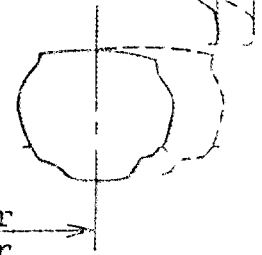


Photo.

rear wing extension.

Part, No. 61681-12030
61682-12030

1260 Fr
1245 Rr



Center
of original rim
Unit : mm

"Valid for Group 2 equipment"

"Valid for Group 2 only"

Valid as from 1.3.73



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-168E-15

発効年月日 47.10.31

F.I.A. Homol. No 5420

12/2E

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J.A.F.国内競技車両規則に従って公認書式

Make Toyota Motor Co., Ltd. **Model** Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N
製造会社名 型式及び通称名
Modification's application starts with serial No. chassis 適用ナンバー番号 TE25-094001
適用年月日 適用ナンバー番号 engine 適用エンジン番号 T 0290601
 Application of this amendment started the 1st. Aug. 1972
 Commercial denomination after application of modifications Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N series.
 The modifications are to be considered as: ~~XXXX~~ normal evolution of the type
変型 / 正常進化
 Date amendment is valid from 1-3-73 List

Description of amendment 内容
COACHWORK

Photo. A

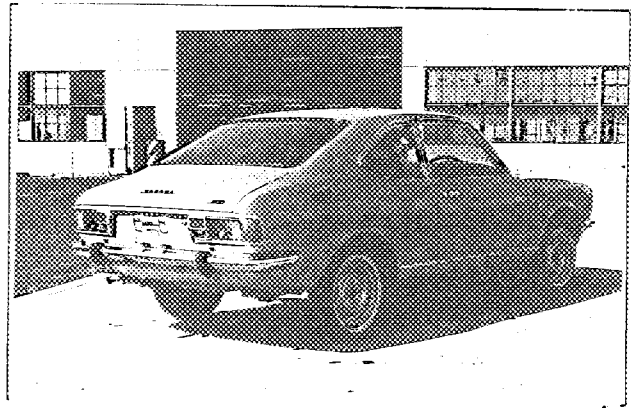
3/4 view of car from front.

Corolla series.



Photo. B

3/4 view of car from rear.



DIMENSION

4, Overall length of the car. 401,5 cm

Stamp and signature of the JAF

J.A.F.公認印及び署名

三井 平八郎

Heihachiro Mitsui



Stamp and signature of the F.I.A.

Handwritten signature of the F.I.A.

Photo. A

3/4 view of car from front.

Sprinter series.



Photo. B

3/4 view of car from rear.



DIMENSION

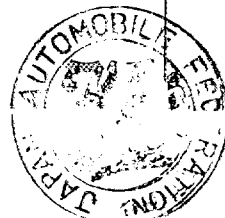
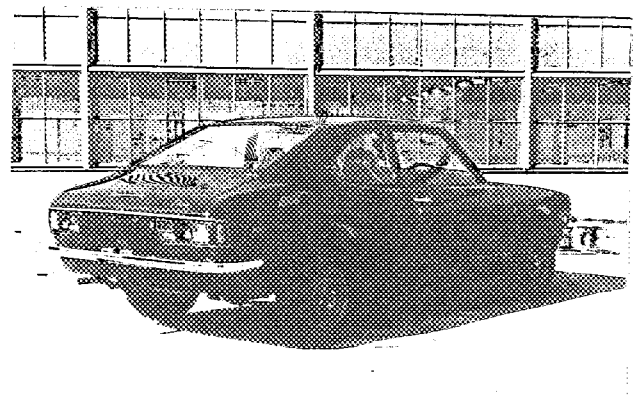
4, Overall length of the car. 403,0cm

Corolla Levin & Sprinter Trueno.

3/4 view of car from front.



3/4 view of car from rear.



Corolla Coupe 1600 Deluxe.

Photo. A

3/4 view of car from front.

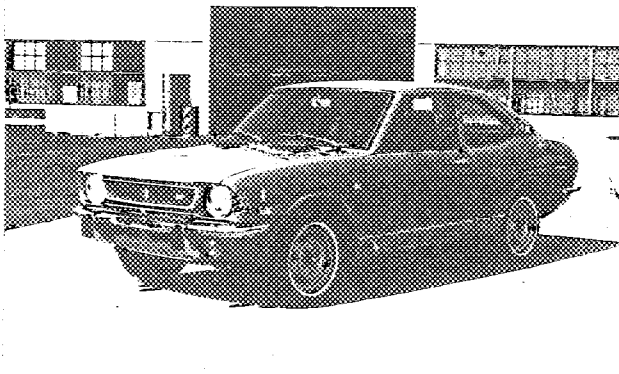


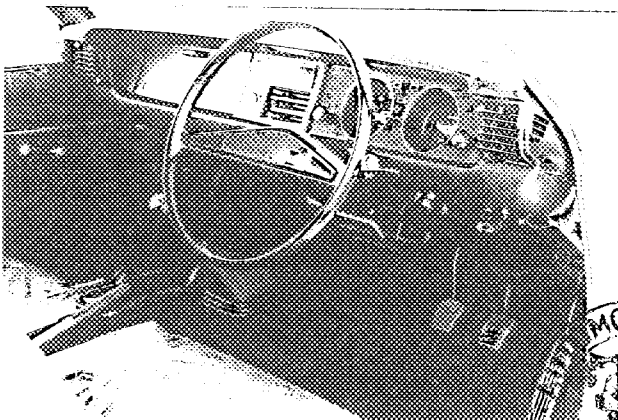
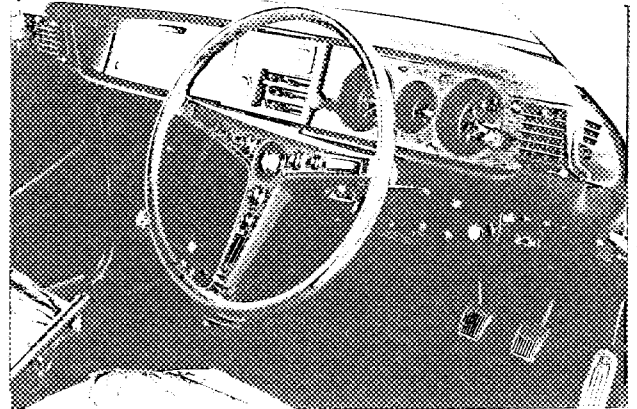
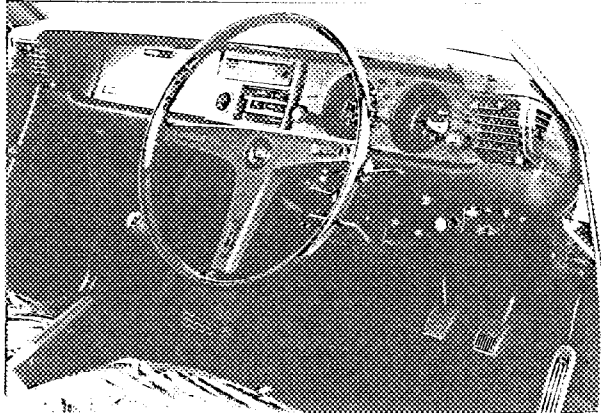
Photo. B

3/4 view of car from rear.



Photo. C

Interior view of car through driver's door.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. No. 7-168 V-12

登録年 47. 4. 30

F.I.A. Homol. No. 5420 13/111

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make Toyota Motor Co., Ltd

Model Toyota Corolla Levin, TE27

Modification's application starts with serial

No. chassis TE27-000001 engine 2T 0001001

Application of this amendment started the

1st Jan. 1972

Commercial denomination after application of modifications Toyota Sprinter Trueno

The modifications are to be considered as: Variant XXXXXXXXXXXXXXXXXXXX

Date amendment is valid from 1. 3. 73

list

Description of amendment

Optional

Coach work

Photo. A 3/4 view of car from front

Photo. B 3/4 view of car from rear

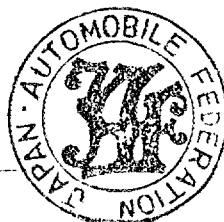


Stamp and signature of the JAF

JAF stamp

三井平八郎

Heihachiro Mitau



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. 登録番号 T-168-V-9

登録年月日 1973年4月30日

F.I.A. Homol. No 5420 14/12V

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に基き、国際自動車連盟の国際競技規則の付録Jの形式による

Make Toyota Motor Co., Ltd. Model Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N

Modification's application starts with serial No. chassis TE25-000001 engine T 0001001

Application of this amendment started the 1st March, 1972

Commercial denomination after application of modifications Toyota Corolla 1600 series, TE27

The modifications are to be considered as Variant / ~~XXXX~~ ~~XXXX~~ ~~XXXX~~ ~~XXXX~~ ~~XXXX~~ ~~XXXX~~ ~~XXXX~~ ~~XXXX~~

Date amendment is valid from 1-8-73

Description of amendment

OPTIONAL

Another type of engine can be selected for TE25-N cars as maker's option.

Photo. J

engine unit out of car from right.

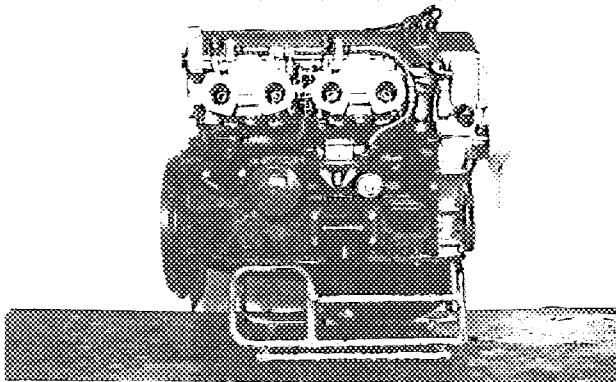
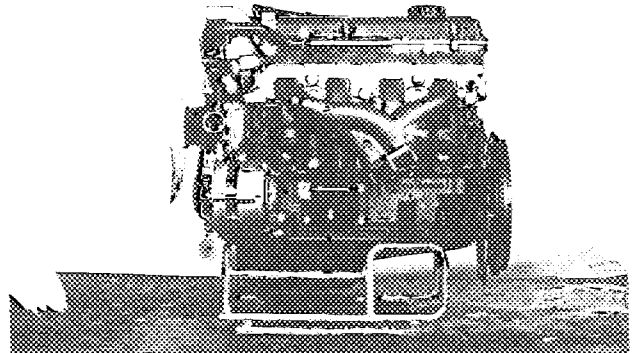


Photo. K

engine unit out of car from left.



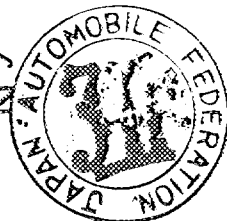
Further detailed specifications different from the original engine are described on the attached sheets.

The No. of chassis installed this engine (1600cc Twin-Cam. Engine) include on and after TE27-000001.

Stamp and signature of the JAF

J.A.F. 承認印

難波清治 Yasuharu Nanba



Stamp and signature of the F.I.A.

[Signature]

ENGINE (photographs J and K)

133. <u>Bore</u>	85 mm	3.35 in.
135. <u>Capacity per cylinder</u>	397 cm ³	24.23 cu.in.
136. <u>Total cylinder-capacity</u>	1588 cm ³	96.91 cu.in.
142. Compression ratio	9.8	
143. Volume of one combustion chamber	45.1 cm ³	
146. Distance from gudgeon pin center line to highest point of piston crown	45 mm	
152. Capacity, lubricant	3.8 ltrs	
155. Capacity of cooling system	7.4 ltrs	

FOUR STROKE ENGINES

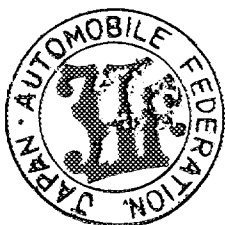
170. Number of camshafts	2
171. Location	Cylinder head
173. Type of valve operation	Direct

INLET

181. <u>Diameter of valves</u>	41 mm	1.61 in.
182. <u>Max. valve lift</u>	9 mm	0.35 in.
186. Tappet clearance for checking timing (cold)		0.29 mm
187. Valves open at (with tolerance for tappet clearance indicated)		B.T.D.C. 20° ± 10°
188. Valves close at (with tolerance for tappet clearance indicated)		A.B.D.C. 48° ± 10°

EXHAUST

201. Tappet clearance for checking timing (cold)		0.34 mm
202. Valves open at (with tolerance for tappet clearance indicated)		B.B.D.C. 52° ± 10°
203. Valves close at (with tolerance for tappet clearance indicated)		A.T.D.C. 16° ± 10°



CARBURETION (Photograph N)

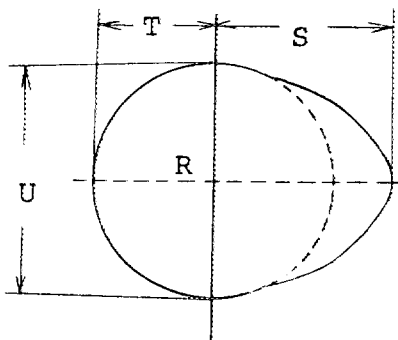
- 210. Number of carburettors fitted 2
- 211. Type Side draft
- 212. Make Mikuni
- 213. Model 2T-G
- 214. Number of mixture passages per carburettor 2
- 215. Flange hole diameter of exit port(s) of carburettor 40mm
- 216. Minimum dimensions of mixture passage(s) 30 & 30mm

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

- 250. Max. engine output 115PS (type of horsepower : JIS) at 6400 rpm
- 251. Maximum rpm 6800 output at that figure 113PS (JIS)
- 252. Maximum torque 14.5 Kg-m at 5200rpm
- 253. Maximum speed of the car 190 Km/hour
- 255. Cam profile

R= Center of

camshaft.



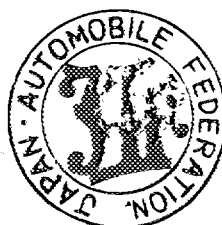
Inlet cam

- S= 27.9 mm 1.10 inches
- T= 18.0 mm 0.71 inches
- U= 36.1 mm 1.42 inches

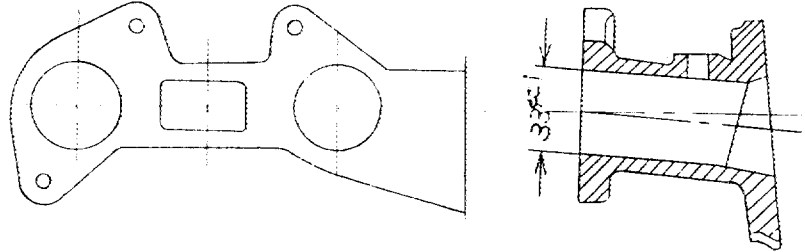
Exhaust cam

- S= 27.9 mm 1.10 inches
- T= 18.0 mm 0.71 inches
- U= 36.1 mm 1.42 inches

Thickness of head gasket when compressed: 1,0 mm
 Max. cyl. capacity 1597 cc
 Max. bore 85,25 mm

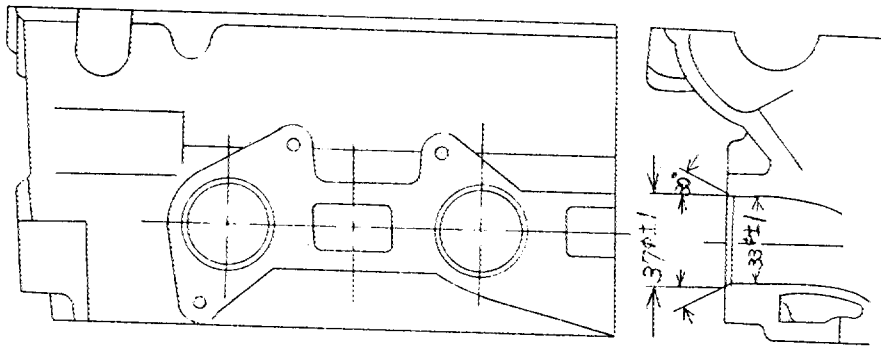


Drawing inlet manifold ports, side of cylinderhead
Indicate scale or dimensions and manufacturing tolerance.

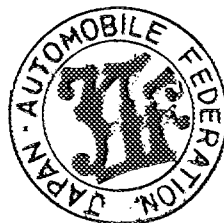


Drawing of entrance to inlet port of cylinderhead.

Indicate scale or dimensions and manufacturing tolerance.

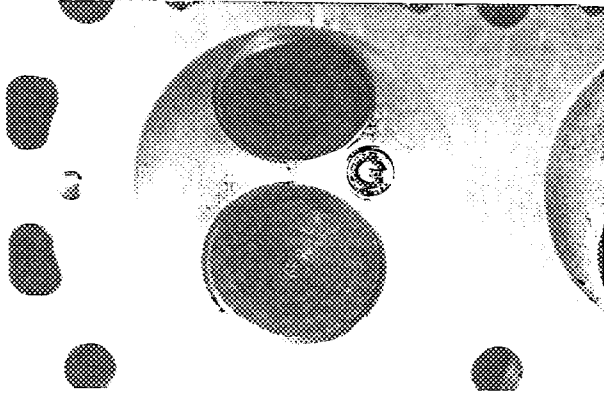


Unit: mm
Tolerance . ± 1



Photograph

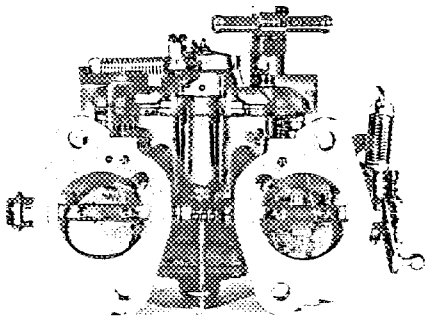
L. combustion chamber.



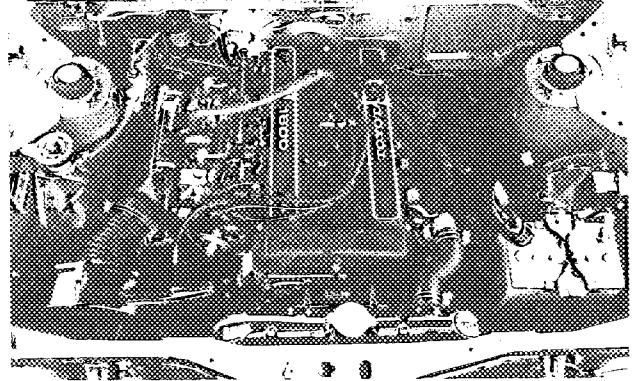
M. piston crown.



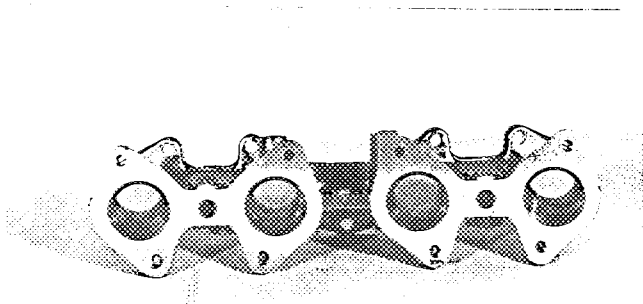
N. carburettor (view from side of manifold)



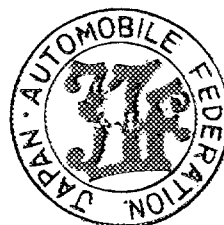
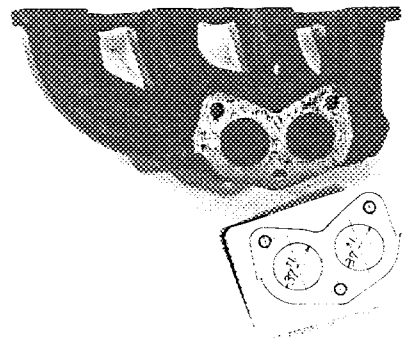
O. engine in car with all accessories, bonnet open or removed.



P. inlet manifold.



Q. exhaust manifold.



COACHWORK

1. Toyota Corolla Levin

Photo. A

3/4 view of car from front.



Photo. B

3/4 view of car from rear.

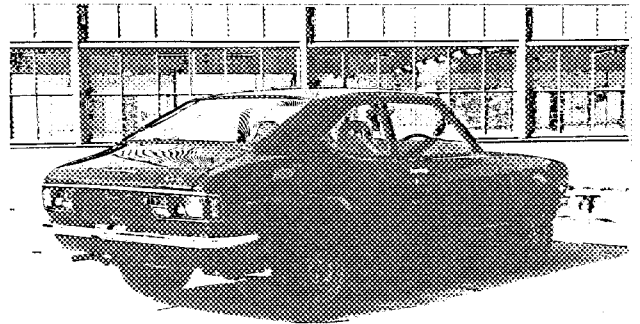
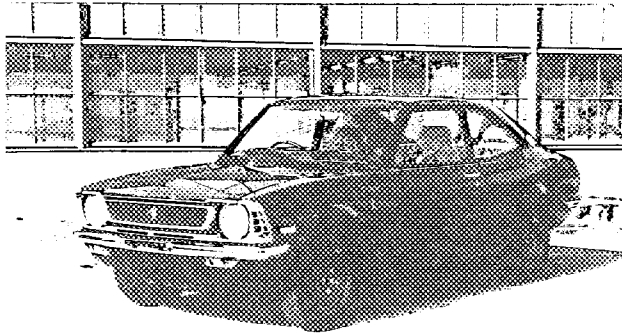
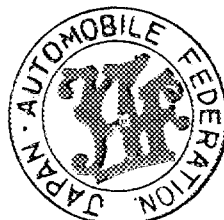
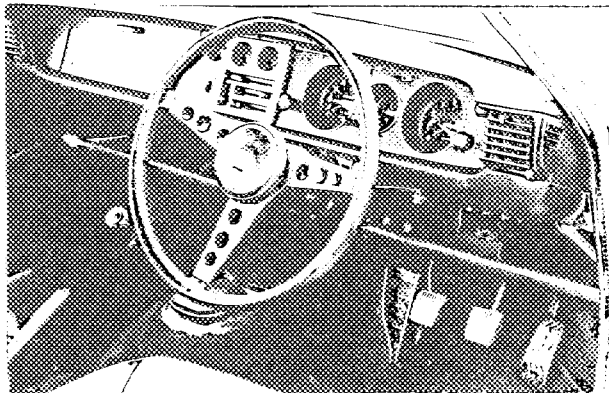


Photo. C

interior view of car through driver's door with dashboard.



2. Toyota Sprinter Trueno

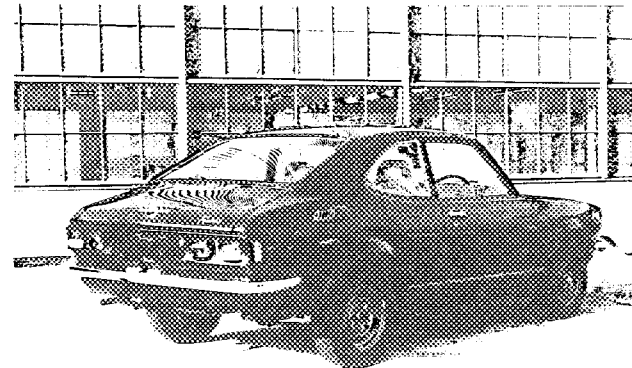
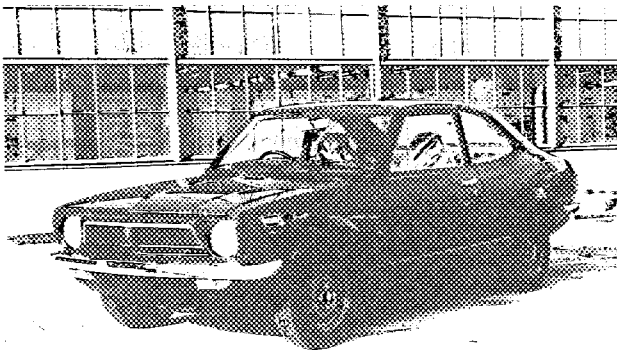
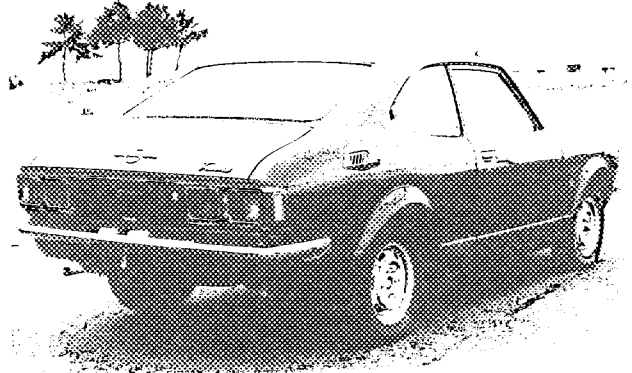
Photo. A

3/4 view of car from front



Photo. B

3/4 view of car from rear



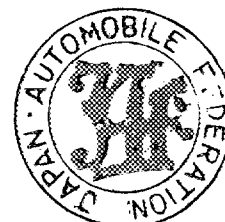
DIMENSIONS

5. Overall width of the car 159.5 cm

9. Weight 795 kg 1753 lbs

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

Front 154.5 cm Rear 159.5 cm



Make Toyota

Model TE25-N
型式

J.A.F. 番号 T-168-V-9

F.I.A. Rec. No. 5420

VALID FOR GROUP 2 ONLY

15/13V

Valid as from 1.8.73

Wing extensions (valid for TE27 series only)

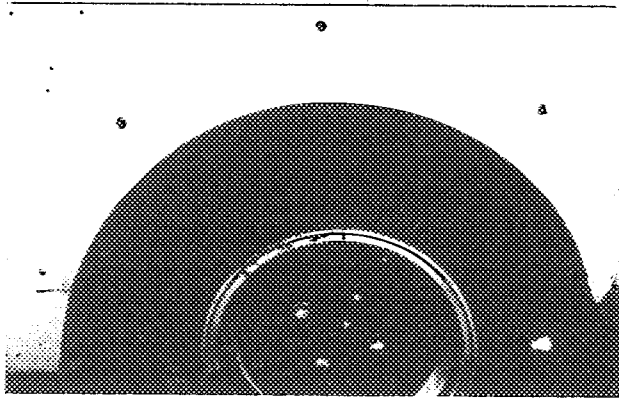


Photo.

front wing extension.

Part, No. 53847-12030
53848-12030

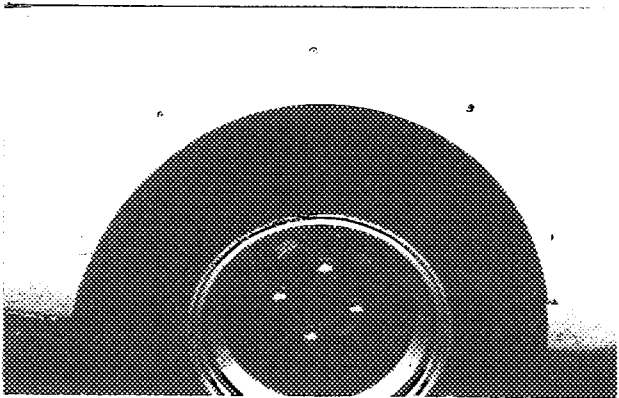
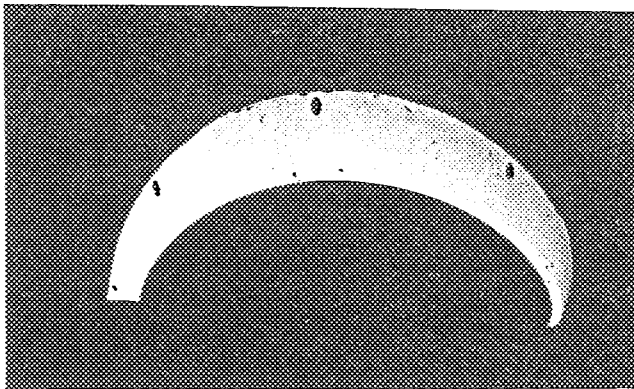


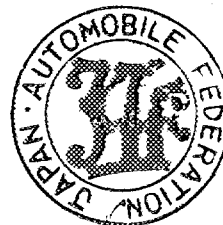
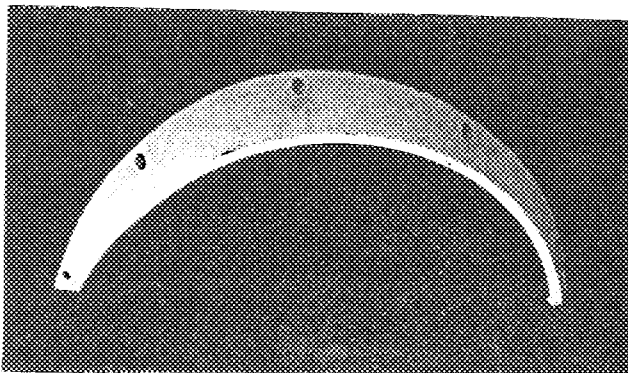
Photo.

rear wing extension.

Part, No. 61681-12030
61682-12030



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





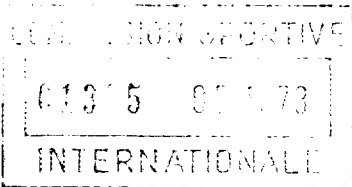
JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-168V-DJ
発効年月日

F.I.A. Homol. No 5420

16/14V



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 Corolla Coupe 1400 Hi-Deluxe, TE25-N
 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 TE25-000001
 engine 適用エンジン型式番号
Application of this amendment started the 1st June, 1973 **T-0001001**
 適用年月日
Commercial denomination after application of modifications Toyota Corolla Coupe 1400
The modifications are to be considered as: Variant / ~~modification of the type~~
 変型 / ~~変型~~
Date amendment is valid from 1.1.74 **List**

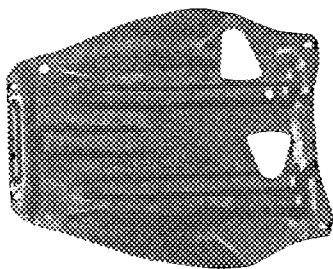
Description of amendment 内容

The following items have been added.

OPTIONAL

1. UNDER PROTECTOR

Photo, Under protector
Part No. 51447-12010
Weight, 2.5 kg

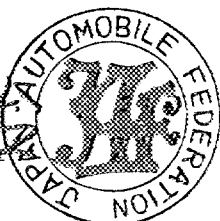


Stamp and signature of the JAF

J.A.F.公認印及び署名

難波靖彦

Yasuharu Nenba



Stamp and signature of the F.I.A.

Make Toyota

Model
型式 TE25-N

J.A. F. 2250 T-168V-30t

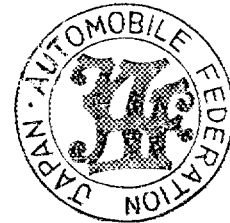
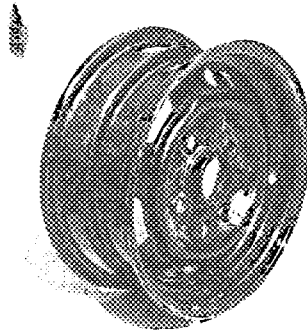
F.I.A. Rec. No. 5420

2. WHEELS

50. Type	Pressed steel
51. Weight (per wheel, without tyre)	6.2 kg
52. Method of attachment	4 Nuts
53. <u>Rim diameter</u>	330 mm 13 inches
54. <u>Rim width</u>	127 mm 5 inches

Part No. 42601-12030

Photo, 5J Wheel





JAPAN AUTOMOBILE FEDERATION

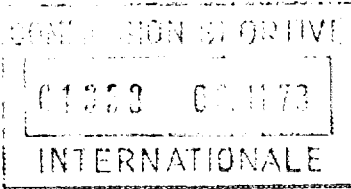
社団法人 日本自動車連盟

F.I.A. 公認番号 T-168V-26

発効日付 1973年10月31日

F.I.A. Homol. No 5420

17/15V



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によるF.I.A.公認の競技車両の仕様を公認する書式

Make Toyota Motor Co., Ltd. Model Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N
 製造会社名
 Modification's application starts with serial No. chassis 適用開始の型式番号 TE25-000001
 engine 適用開始のエンジン番号 T-0001001
 Application of this amendment started the 1st November, 1973
 適用の日付
 Commercial denomination after application of modifications Toyota Corolla Coupe 1400
 The modifications are to be considered as: Variant A ~~XXXXXXXXXXXXXXXXXXXX~~
 型式 変更建数
 Date amendment is valid from 1.1.74 to

Description of amendment in:

OPTIONAL EQUIPMENT

VALID FOR GROUP 2 ONLY

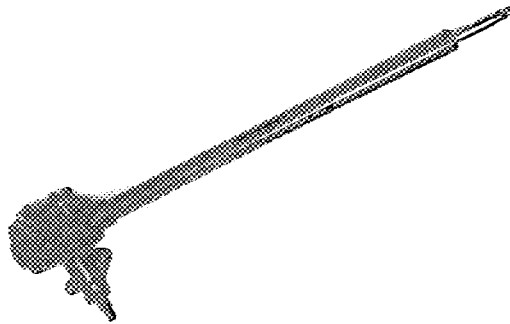
STEERING GEAR HOUSING

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)

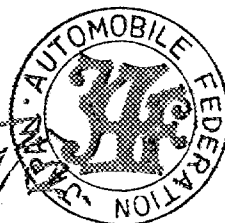


Stamp and signature of the JAF

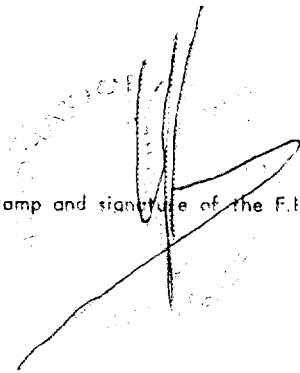
JAF公認印及び署名

難波靖一

Yasuharu Nanba



Stamp and signature of the F.I.A.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

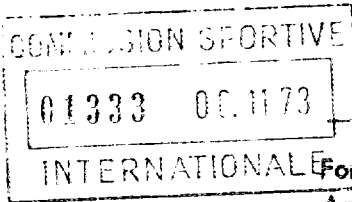
J.A.F. 公認番号 T-168 V-24

発効年月日

1973年9月30日

F.I.A. Homol. No. 5120

18/180



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国内競技条例に拠った公認形式。

Make Toyota Motor Co., Ltd. Model Toyota Corolla Coupe 1400 Hi-Deluxe, TE25-N
 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 TE25-000001
 engine 適用エンジン型式番号 T 0001001

Application of this amendment started the 1st September, 1972
 適用年月日

Commercial denomination after application of modifications Toyota Corolla Coupe 1400 Hi-Deluxe

The modifications are to be considered as: Variant / ~~option~~
 変更の種類

Date amendment is valid from 1.1.73 List

Description of amendment 内容

OPTIONAL EQUIPMENT

VALID FOR GROUP ' 2 ' ONLY

a). BRAKES (Front brake disc)

Photo. No 1

100. Outside diameter 265 mm

101. Thickness of disc 10 mm

Part No. 43512-06835 front disc

b). ENGINE (Dry sump oil system)

2&3

Part No. 12111-88220 Oil pan assy.
 15100-26010 Oil pump assy.
 15195-88220 Oil pump bracket
 15196-88220 Adjusting bar
 13471-09001 Crankshaft pulley
 90072-73401 Belt

c). SUSPENSION (Heavy-duty rear suspension)

4

Part No. 42110-06835 H-D, rear axle housing

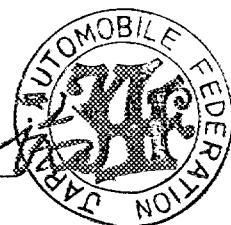
"valable en Groupe 2 uniquement"
"valid for Group 2 only"

Stamp and signature of the JAF

JAF公認印及び署名

難波靖雄

Yasuharu Nanba

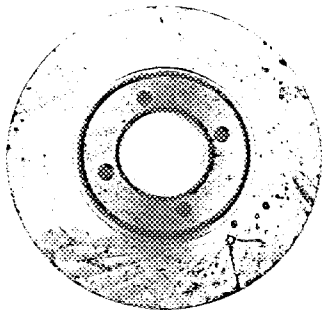


Stamp and signature of the F.I.A.

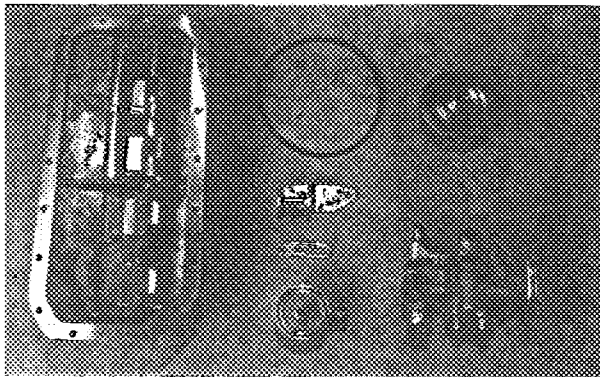
[Signature]

Photograph

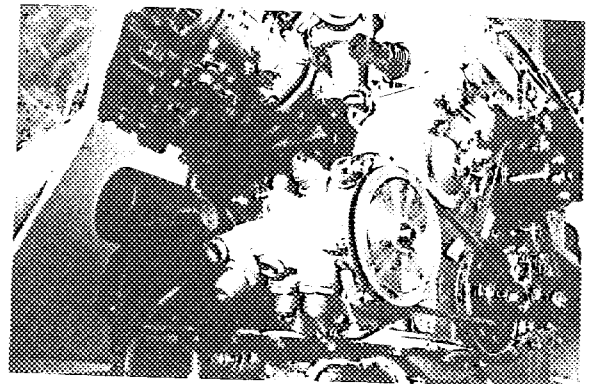
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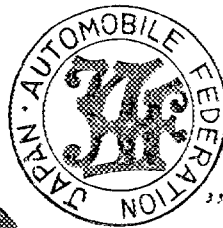
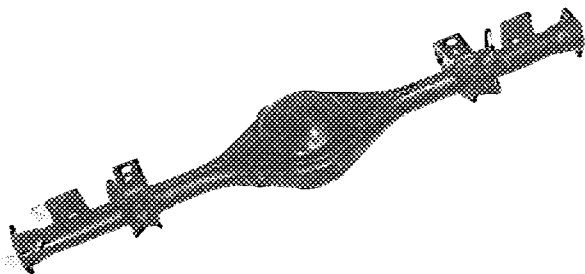
2



3



4



"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. 申請番号 T-168V-24

発給年月日 1974年5月31日

F.I.A. Homol. No 5420

19/170

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Make Toyota Motor Co., Ltd Model Toyota Corolla Coupe 1400 Hi-Deluxe, TE25

Modification's application starts with serial No. chassis TE25-000001 TE25-N engine T

Application of this amendment started the Jan. 1973

Commercial denomination after application of modifications Toyota Corolla Coupe series TE25, TE27

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

Date amendment is valid from 1 10 74 List

Description of amendment

The following items have been added.

STEERING

62. Number of turns of steering wheel from lock to lock 2.8 Part No. 45310-12100

BRAKES (photo. F)

94. Bore of wheel cylinder Front 50.8 mm
100. Outside diameter 230 mm
101. Thickness of disc 10 mm

FINAL DRIVE

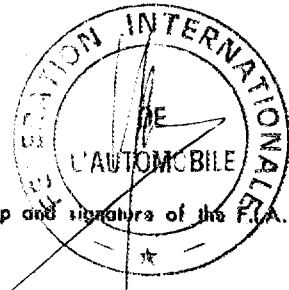
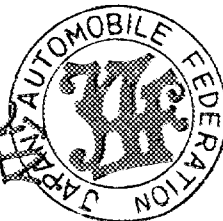
292. Type of limited slip differential Friction Part No. 41302-14011

Stamp and signature of the JAF

J.A.F. 申請番号

難波靖彦

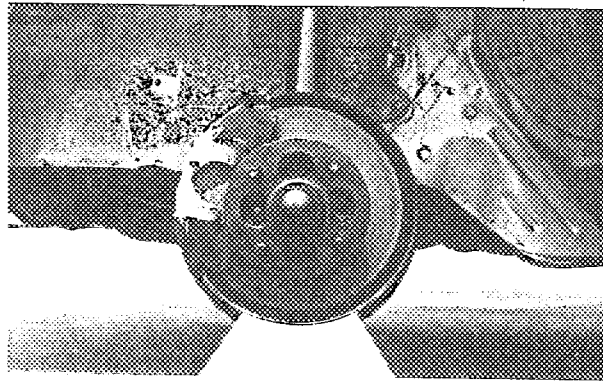
Yasuharu Nanba



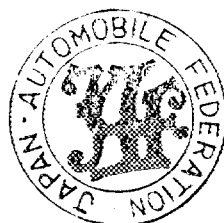
Stamp and signature of the F.I.A.

PHOTOGRAPH

F. Front brake disk with caliper



Part No. 47710-12080 Front disc brake caliper assy. (RH)
47720-12080 Front disc brake caliper assy. (LH)





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認印 T-168V-20

発効年月日 1974年5月31日

F.I.A. Homol. No 5420

20/18V

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 Corolla Coupe 1400 Hi-Deluxe, TE25-N
 製造会社名 型式及び通称名
 Modification's application starts with serial No. chassis 通用シャーシー型式番号 TE25-000001
 engine 通用エンジン型式番号 T
 Application of this amendment started the 1st April, 1973
 適用年月日
 Commercial denomination after application of modifications Toyota Corolla 1600, TE27 series
 The modifications are to be considered as: Variant / ~~variant~~ / ~~variant~~ / ~~variant~~ / ~~variant~~
 変型 / 正変換
 Date amendment is valid from 1.10.74 List

Description of amendment 内容

Another type of engine can be selected for TE25-N cars as maker's option.

Photo. J

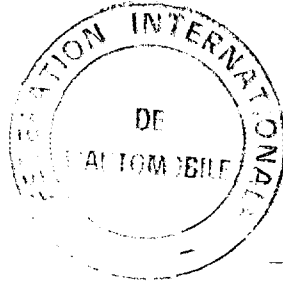
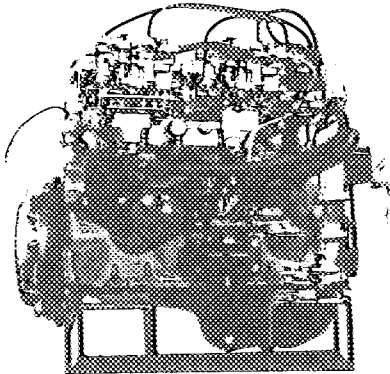
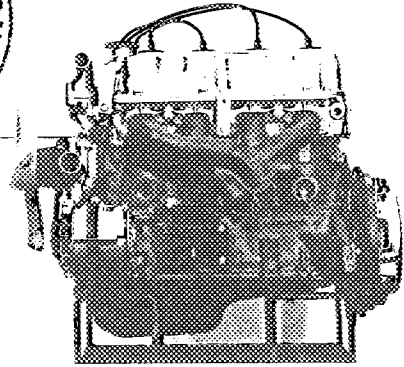


Photo. K



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

The No. of chassis installed this engine (OHV 1600cc Twin-Carb. Engine) include on and after TE27-000001 (Engine Type : 2T)

CAPACITES AND DIMENSIONS

9. Weight

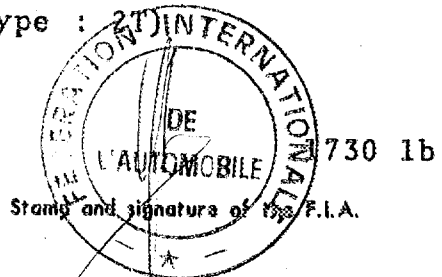
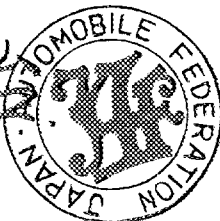
785 kg

Stamp and signature of the IAF

JAF公認印及び署名

難波靖祐

Yasuharu Nanba



Stamp and signature of the F.I.A.

Make Toyota

Model
形式 TE25-N

J.A.F.公認番号 T-168V-20

F.I.A. Rec. No. 5420

ENGINE (OHV 1600cc Twin-Carb. Engine)

133. Bore	85.0 mm	3.34 in
135. Capacity per cylinder	397.01cm ³	24.22 cu.in.
136. Total, cylinder-capacity	1588 cm ³	96.90 cu.in.
142. Compression ratio	9.4	
143. Volume of one combustion chamber	47.3 cm ³	
146. Distance from gudgeon pin center line to highest point of piston crown	45 mm	

CARBURETION

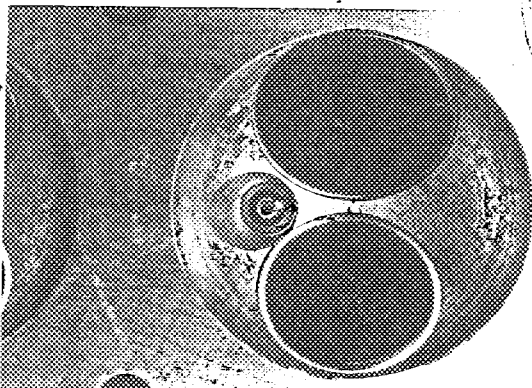
210. Number of carburettors fitted	2
213. Model	2T-B
216. Minimum dimensions of mixture passage (s)	20 ^φ & 26 ^φ mm

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

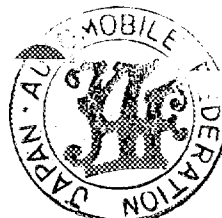
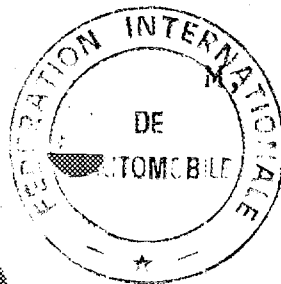
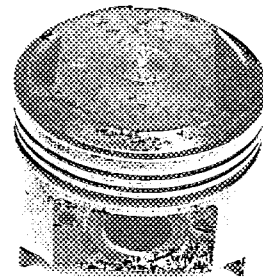
250. Max. engine output 105 PS (type of horsepower:JIS)	at 6000 rpm
251. Maximum rpm 6350 rpm output at that figure	102 PS (JIS)
252. Maximum torque 14.0 kg-m	at 4200 rpm
253. Maximum speed of the car	160 km/hour

Photo. (2T-B)

L, Combustion chamber



Piston crown



Make Toyota

Model 型式 TE25-N

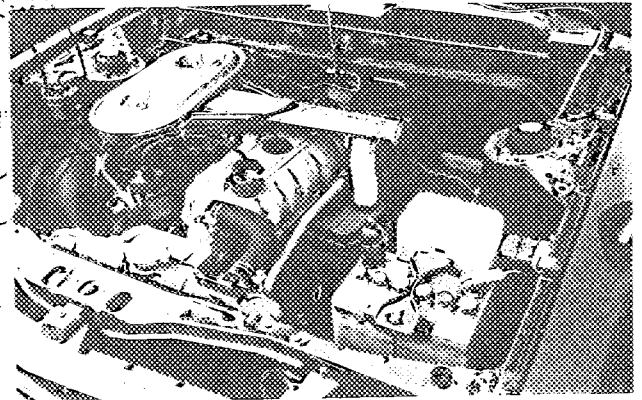
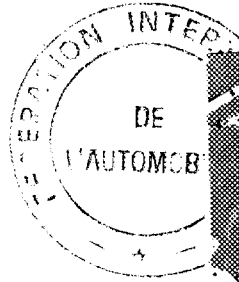
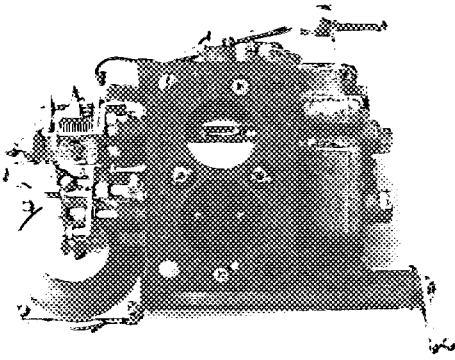
J.A.F.公認番号 T-168 V-26
F.I.A. Rec. No. 5420

Photo. (2T-B)

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

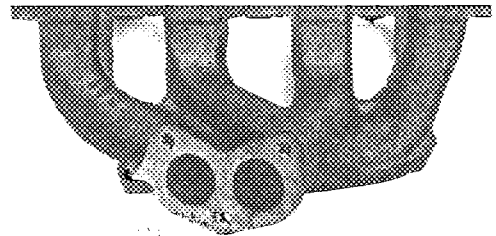
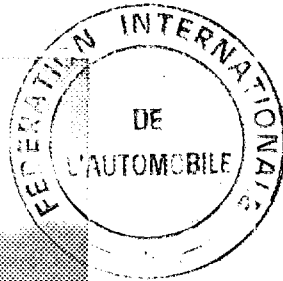
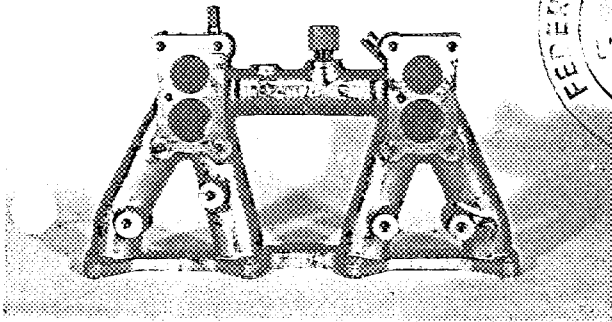
N, Carburettor

O, (TE27-SZ)



P, Inlet manifold

Q, Exhaust manifold



133. Max bore	85.25mm	3.34 in.
136. Max total cylinder capacity	1597	cm ³
Thickness of oylinder head gasket (prèssed)	1.2	mm





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-168V-安27

発効年月日 1974年5月31日

F.I.A. Homol. No 5420 21/19U

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 Corolla Coupe 1400 Hi-Deluxe, TE25-N
 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 TE25-000001
 engine 適用エンジン型式番号 T

Application of this amendment started the 1st March, 1974
 適用年月日

Commercial denomination after application of modifications Toyota Corolla 1600 serie, TE27

The modifications are to be considered as: Variant / ~~Evolution~~ evolution of the type
 変型 / ~~改良進化~~

Date amendment is valid from 1.10.74 list

Description of amendment 内容

VALID FOR GROUP 2 ONLY

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

Wing extensions (valid for TE27 only)

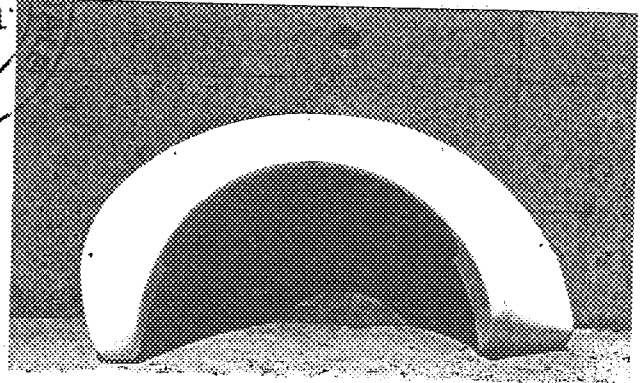
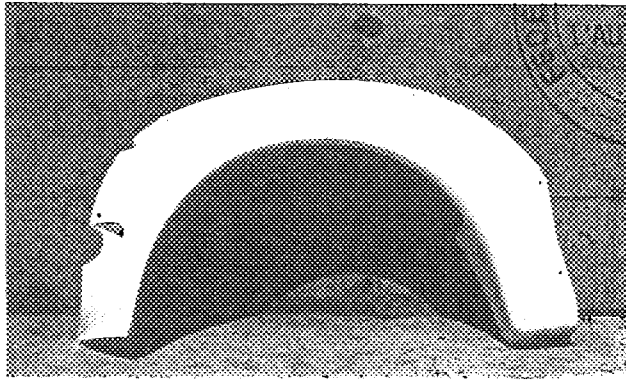


Photo.

front wing extension.

Part, No. 00561-20080
00561-20090

Photo.

rear wing extension.

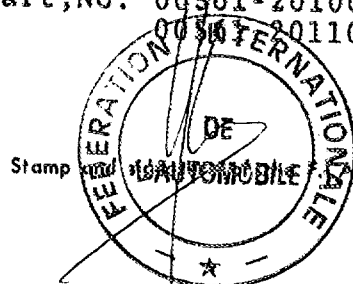
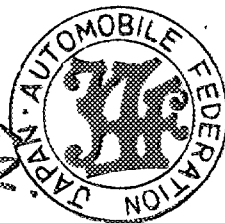
Part, No. 00561-20100
00561-20110

Stamp and signature of the JAF

JAF公認印及び署名

難波靖浩

Yasuharu Nanba



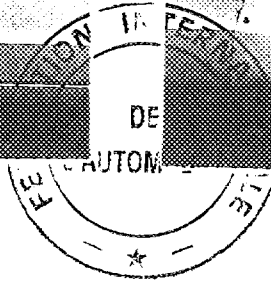
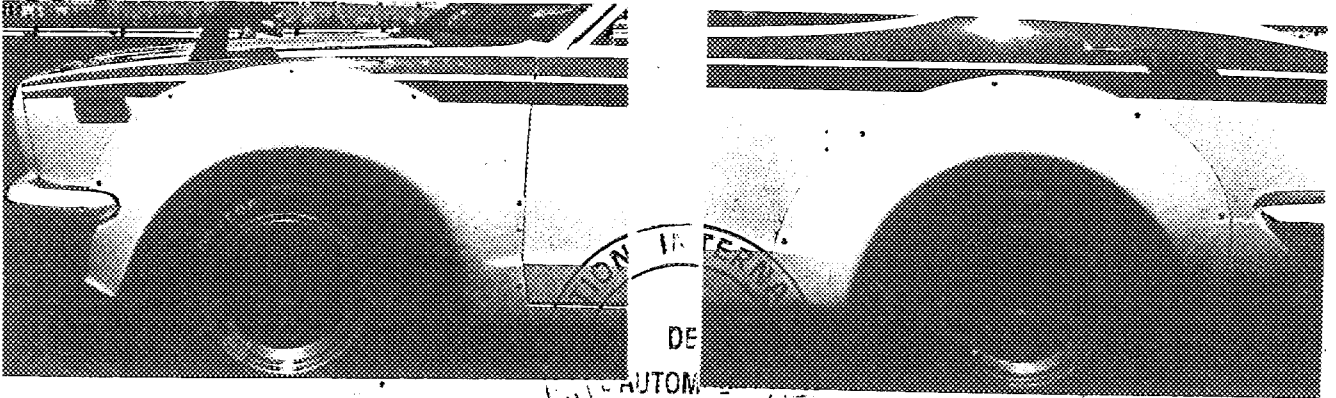
Make Toyota

Model TE25-N
型式

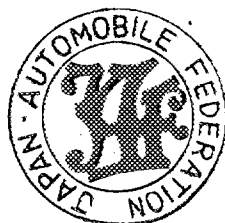
J.A.F.公認番号 T-168V-27

F.I.A. Rec. No. 5420

21/19U



"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-168V-30

発効年月日

1974年7月31日

F.I.A. Homol. No 5420

22/20V

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 Corolla Coupe 1400, Hi-Deluxe, TE25-N
 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 TE25-000001, TE27-000001
 engine 適用エンジン型式 T, 2T
 Application of this amendment started the Sep. 1973
 適用年月日
 Commercial denomination after application of modifications
 The modifications are to be considered as: Variant / ~~variant~~ ~~variant of the type~~
 型式 / 型式改変
 Date amendment is valid from 1.10.74 List

Description of amendment 内容

VALID FOR GROUP 2 ONLY

Optional equipment

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

ENGINE

Cylinder-head

139. Cylinder-head, material(s) Aluminum-alloy
 170. Number of camshafts 2
 171. Location Cylinder-head
 173. Type of valve operation direct

INLET

181. Diameter of valves 34^{mm}
 185. Number of valves per cylinder 2

EXHAUST

196. Diameter of valves 30^{mm}
 200. Number of valves per cylinder 2

147. Crankshaft stamped

WEIGHT

160. Flywheel(clean) 3.6 kg
 161. Flywheel with clutch 7.5 kg
 (all tuning parts) 15.4 kg
 162. Crankshaft 0.62 kg
 163. Connecting rod

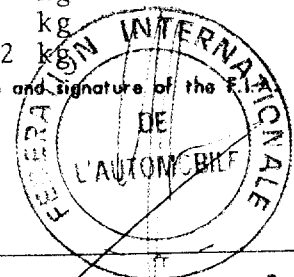
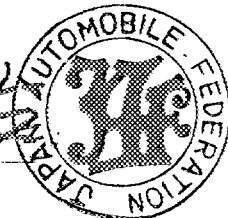
Stamp and signature of the JAF

Stamp and signature of the F.I.A.

JAF公認印及び署名

難波靖浩

Yasuharu Nanba



VALID FOR GROUP 2 ONLY

22/20V

PHOTO Cylinder-head parts No.11111-09510

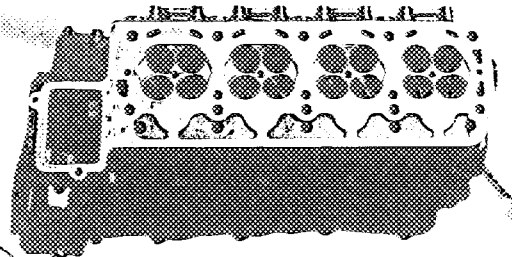
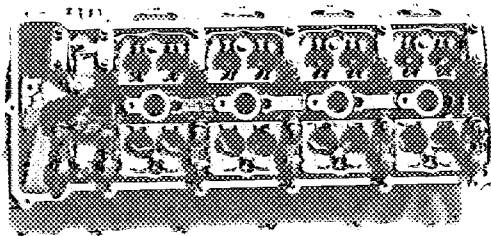
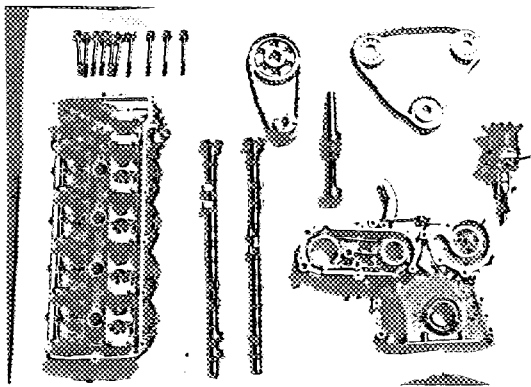


PHOTO Bolt on optional kit

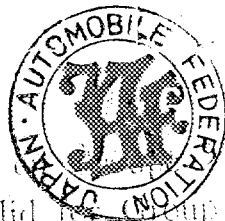
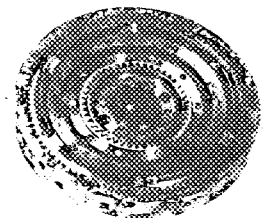
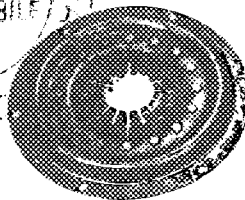
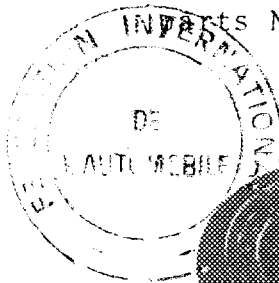
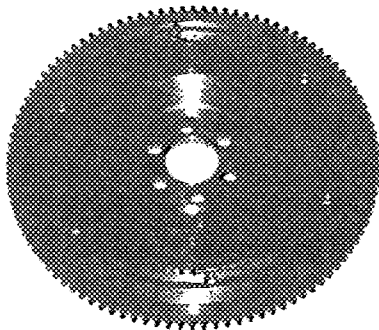


Camshaft No.1	13511-09510
Camshaft No.2	13512-09510
Cover timing chain	11321-09510
Shaft pump drive	13612-09510
Distributor	19100-09510
Chain No.1	13506-25010
Chain No.2	13507-09510
Gear camshaft timing	13523-09520
Gear camshaft drive	13528-09000
Gear pump drive shaft	13522-09000

Gear camshaft timing 13521-09520
 Bolt cylinder head 26921-09520

PHOTO Flywheel parts No.13451-26010

Clutch parts No.31000-14010



"valable uniquement"
"valid for Group 2 only"

Make Toyota

Model
型式 TE25-N

J.A.F.公認番号 T-168V-B0

F.I.A. Rec. No. 5420

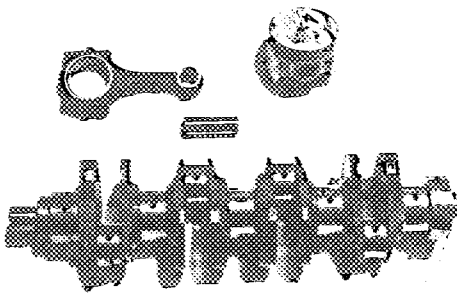
VALID FOR GROUP 2 ONLY

22/20V

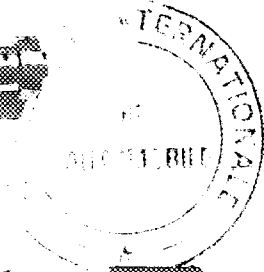
CLUTCH


261. No. of plates	2		
262. Dia. of clutch plates	186 mm	7.33	in.
263. Dia. of linings, inside	132 mm	5.20	in.
outside	184 mm	7.17	in.

PHOTO Crankshaft parts No.13411-09510 and Connecting rod parts No.13201-09511



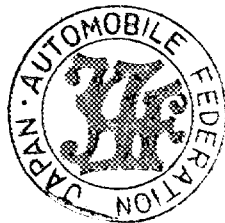
Material of Main Crankshaft Steel



* These parts are applicable to  2T type engine.

"valable en Groupe 2 uniquement"

"valid for Group 2 only"





JAPAN AUTOMOBILE FEDERATION

社名 日本自動車連盟
法人

J.A.F. 登録番号 T-168V-3/
発給年月日 1974年7月31日
F.I.A. Homel. No 5420

23/21V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

国際スポーツ法附件Jに及びJ.A.F.国内競技車規則時に従った全車形式。

Marka Toyota Motor Co., Ltd. Model Toyota Corolla Coupe 1400 Hi-Deluxe
 株式会社 法人及び商標名 TE25-N
 Modification's application starts with serial No. chassis 適用シャシー形式番号 TE25-000001, TE27-000001
 適用エンジン形式 T, 2T
 Application of this amendment started the May, 1973
 適用年月日
 Commercial denomination after application of modifications
 The modifications are to be considered as: Variant / ~~group~~ ~~category~~ of the group
 変種 / ~~グループ~~ ~~カテゴリー~~
 Date amendment is valid from 1.10.74 List

Description of amendment 内容

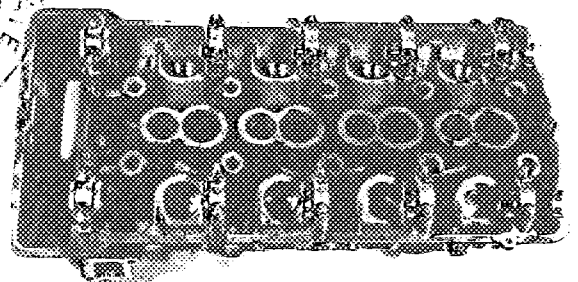
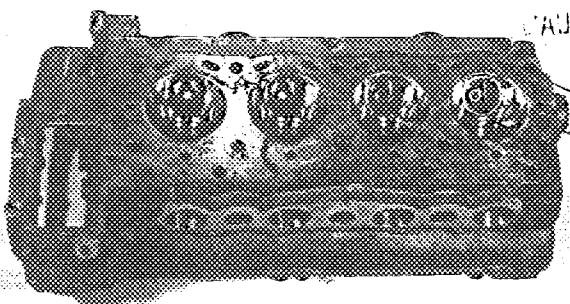
VALID FOR GROUP 2 ONLY

OPTIONAL

"valable en Groupe 2 uniquement"

Cylinder-head part No.11111-09001 "valid for Group 2 only"
 235. No. of spark plugs per cylinder 2

PHOTO

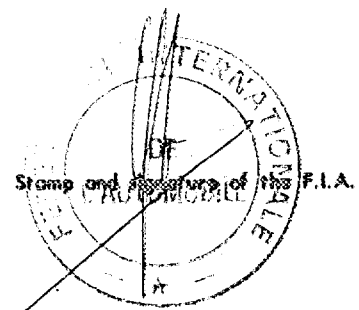
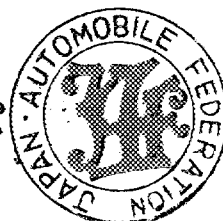


Stamp and signature of the JAF

JAF 会長 難波靖治

難波靖治

Yasuharu Nanba



Stamp and signature of the F.I.A.

Make Toyota

Model TE25-N

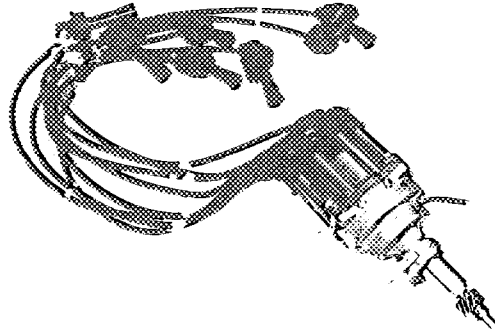
J.A.F.公認番号 T-168V-3/
F.I.A. Rec.No. 5420

VALID FOR GROUP 2 ONLY

23/11

PHOTO

Distributor part No.19100-19251

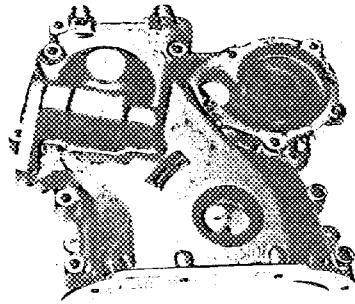



PHOTO

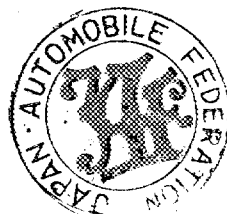
Timing chain cover Part No.11321-09000



"valable on Groupe 2 unipement"
"valid for Group 2 only"



* This cylinder-head is applicable , 2T type engine.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-168 E-33
発効年月日 1975年3月31日
F.I.A. Homol. No 5420

26/3E

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)

Model Toyota Corolla Coupe 1400, Hi-Deluxe TE25-N
 Make Toyota Motor Co., Ltd. 型式及び通称名
 製造会社名
 Modification's application starts with serial No. chassis 適用シャーシー型式番号 TE25-000001
 engine 適用エンジン型式番号 T
 Application of this amendment started the Jul. 1971
 適用年月日
 Commercial denomination after application of modifications Toyota Corolla Coupe 1400
 The modifications are to be considered as: ~~X~~ variant / normal evolution of the type
 変異 / 正常進化
 Date amendment is valid from 1.7.75 List

Description of amendment 内容

Revision of error

Descriptions about item NO. 187, 188, 202, 203 of 1400cc Type T 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 23°

188. Valves close at (with tolerance for tappet clearance indicated)
A. B. D. C 71°

tappet clearance 0.20 mm (hot)

EXHAUST

202. Valves open at (with tolerance for tappet clearance indicated)
B. B. D. C 69°

203. Valves close at (with tolerance for tappet clearance indicated)
A. T. D. C 33°

tappet clearance 0.33 mm (hot)

Stamp and signature of the JAF

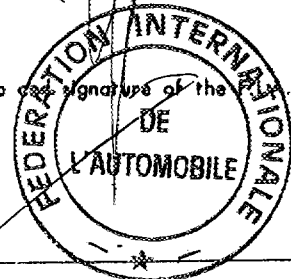
JAF公認印及び署名

難波靖治

Yasuharu Nanba



Stamp and signature of the





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号

T-168 E-34

発効年月日

1975年3月31日

F.I.A. Homol. No 5420

25/4E

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 Corolla Coupe 1400, Hi-Deluxe TE25-N
Modification's application starts with serial No. chassis 適用シャシーン型式番号 TE27-000001 engine 適用エンジン型式番号 2T
Application of this amendment started the May, 1971
Commercial denomination after application of modifications Toyota Corolla 1600 series, TE27-M(B)Q
The modifications are to be considered as: normal evolution of the type
Date amendment is valid from 1.7.75 List

Description of amendment 内容

Revision of error

Descriptions about item NO. 187, 188, 202, 203 of 1600cc Type 2T 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 33°

188. Valves close at (with tolerance for tappet clearance indicated)

A. B. D. C 89°

tappet clearance 0.29 mm (cold)

EXHAUST

202. Valves open at (with tolerance for tappet clearance indicated)

B. B. D. C 71°

203. Valves close at (with tolerance for tappet clearance indicated)

A. T. D. C 39°

tappet clearance 0.34 mm (cold)

CARBURETION

216. Minimum dimensions of mixture pasage(s) 32" & 32"

Stamp and signature of the JAF

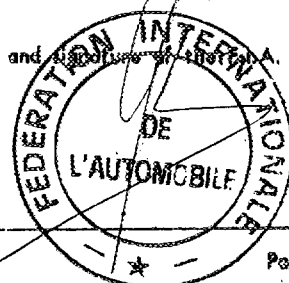
JAF公認印及び署名

難波靖治

Yasuharu Nanba



Stamp and signature of the F.I.A.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F.公認番号 T-168E-35
発効年月日 1975年3月31日
F.I.A. Homol. No 5420

26/SE

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 Corolla Coupe 1400, Hi-Deluxe
 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 TE27-000001 TE25-N
 engine 適用エンジン型式番号 2T
 Application of this amendment started the May. 1971
 申請年月日
 Commercial denomination after application of modifications Toyota Corolla 1600cc, TE27
 The modifications are to be considered as: ~~Variant~~ / normal evolution of the type
 変異 / 正常進化
 Date amendment is valid from 1.7.75 List

Description of amendment 内容

Revision of error

Descriptions about item NO. 187, 188, 202, 203 of 1600cc Type 2T 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 23°

188. Valves close at (with tolerance for tappet clearance indicated)

A. B. D. C 71°

tappet clearance 0.20 mm (hot)

EXHAUST

202. Valves open at (with tolerance for tappet clearance indicated)

B. B. D. C 69°

203. Valves close at (with tolerance for tappet clearance indicated)

A. T. D. C 33°

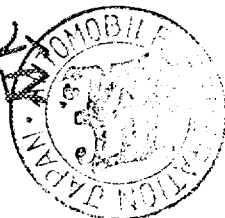
tappet clearance 0.33 mm (hot)

Stamp and signature of the JAF

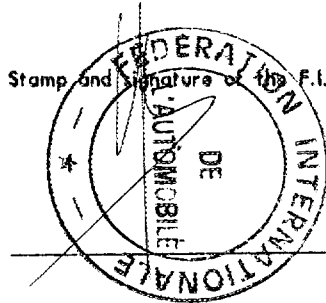
J.A.F.公認印及び署名

難波靖彦

Yasuharu Nanba



Stamp and signature of the F.I.A.





JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 登録番号
発給年月日

T-168 V-36
1975年 4月30日

F.I.A. Homol. No 5420

77/100

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

(此表は、国際自動車連盟 (F.I.A.) の競技車規則附則 J に基づき作成)

Model Toyota Corolla 1400 Coupe Hi-Delux, TE25-N
 Make Toyota Motor Co., Ltd.
 Modification's application starts with serial No. chassis 47720-08054 TE27-000001
 engine 2T
 Application of this amendment started the Mar. 1975
 Commercial denomination after application of modification Toyota Corolla 1600 Coupe
 The modifications are to be considered as: Variant / ~~変種~~
 Data amendment is valid from 1975 to

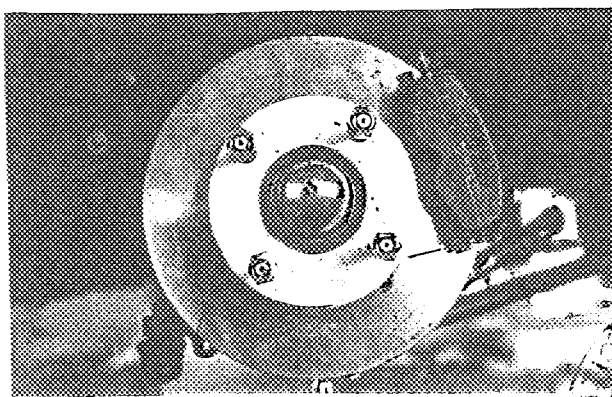
Description of amendment (R/R)

OPTIONAL

1. BRAKES (front disc brake)

93. Number of cylinders per wheel	4	
100. Outside diameter	266 mm	
101. Thickness of disc	20 mm	
Parts No.	Disc	47720-08054 (RH)
		47720-08054 (LH)
	Calipers	Lockheed REGD-1RH/CP2361 (RH)
		REGD-2LH/CP2361 (LH)

PHOTO



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

Stamp and signature of the J.A.F.

J.A.F. 登録及び署名

難波靖治

Yasuharu Nanba



Stamp and signature of the F.I.A.

Make Toyota

Model TE25-N

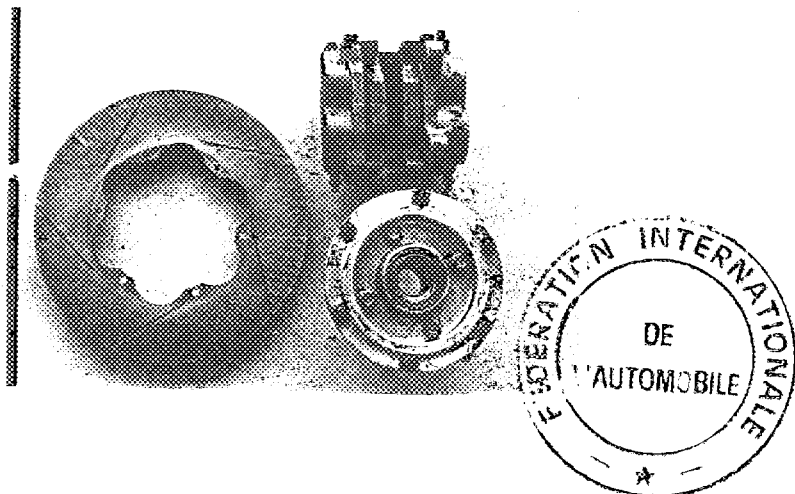
J.A. FERRY T-168V-36

F.I.A. Rec. No. 5420

2. BRAKES (rear disc brake)

93. Number of cylinders per wheel	4		
100. Outside diameter	266 mm		
101. Thickness of disc	20 mm		
Parts No.	Disc	47730-08054 (RH)	
		47740-08054 (LH)	
	Calipers	Lockheed	REGD-1RH/CP2340 (RH)
			REGD-2LH/CP2340 (LH)

PHOTO



"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-168 V-38
発効年月日 昭和51年7月31日
F.I.A. Homol. No5420

28/234

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 Corolla Coupe 1400 Hi-Delux, TE25-N
 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 TE25
 engine 適用エンジン型式 T, 2T
 Application of this amendment started the 1st July 1976
 適用年月日
 Commercial denomination after application of modifications Toyota Corolla Coupe series, TE27-
 The modifications are to be considered as: Variant / ~~Normal~~ ~~XXXXXX~~ ~~XXXXXX~~ ~~XXXXXX~~ ~~XXXXXX~~
 Date amendment is valid from - 1. OCT. 1976 list

Description of amendment 内容

VALID FOR GROUP 2 ONLY

OPTIONAL

96) GEAR BOX

	Alternative manual	
	Ratio	Number of teeth
1	2.70	$\frac{33}{23} \times \frac{32}{17}$
2	1.73	$\frac{33}{23} \times \frac{29}{24}$
3	1.29	$\frac{33}{23} \times \frac{26}{29}$
4	1.00	
5	0.89	$\frac{33}{23} \times \frac{21}{34}$
Rev.	3.48	$\frac{33}{23} \times \frac{34}{14}$

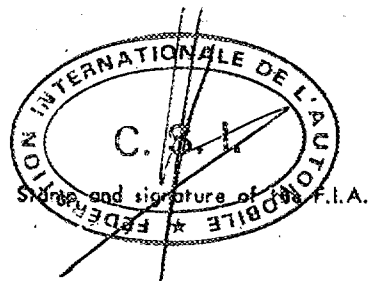
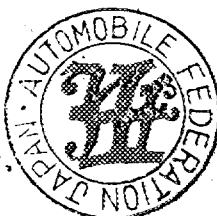
*"valable en Groupe 2 uniquement"
"valid for Group 2 only"*

Stamp and signature of the JAF

JAF公認印及び署名

難波靖治

Yasuharu Nanba



Make TOYOTA

Model TE25-N
TEA

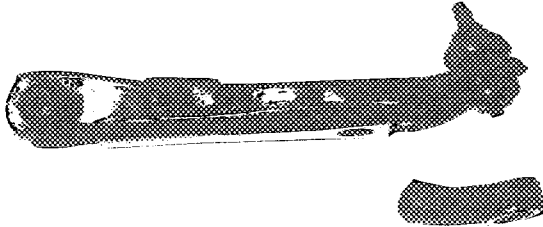
F.I.A. Rec. No. 5420

FINAL DRIVE

101) Type of drive	Hypoid gear
102) Type of differential	Bevel gear
103) Number of teeth	<u>37/8 , 39/8 , 41/8</u>
104) Ratio	<u>4.63 , 4.88 , 5.13</u>

REINFORCED FRONT LOWER ARM

Photo: Reinforced front lower arm



(Part No. 48068 -- KEO51 -- A (RH)
48069 -- KEO51 -- A (LH))

available on Grades 2 and 3
available on Grades 2 and 3

