



# JAPAN AUTOMOBILE FEDERATION

F. I. A. Recognition No.

Group

**1**

**5360**

## FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Manufacturer Toyota Motor Co., Ltd.

Serial No of chassis KE20-000001  
engine 3K 000001

Recognition is valid from **1/7/70**

The manufacturing of the model described in this recognition form was started on Feb. 19 70 and the minimum production of 5000 identical cars, in accordance with the specifications of this form was reached on May 19 70

Cylinder-capacity 1166 cm<sup>3</sup> 71.1 cu. in.

Model Toyota Corolla, KE20

Manufacturer Toyota Motor Co., Ltd.

Manufacturer Toyota Motor Co., Ltd.

List **70/7**

Photograph A, 3/4 view of car from front



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

### Variants

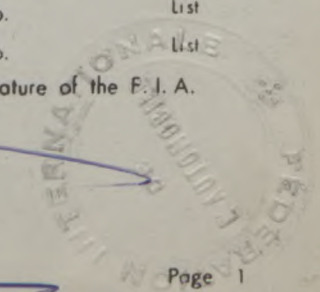
|    |    |          |      |
|----|----|----------|------|
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |

Stamp and signature of the  
National Sporting Authority

### Normal evolution of the type

|    |    |          |      |
|----|----|----------|------|
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |
| on | 19 | rec. No. | List |

Stamp and signature of the F. I. A.



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

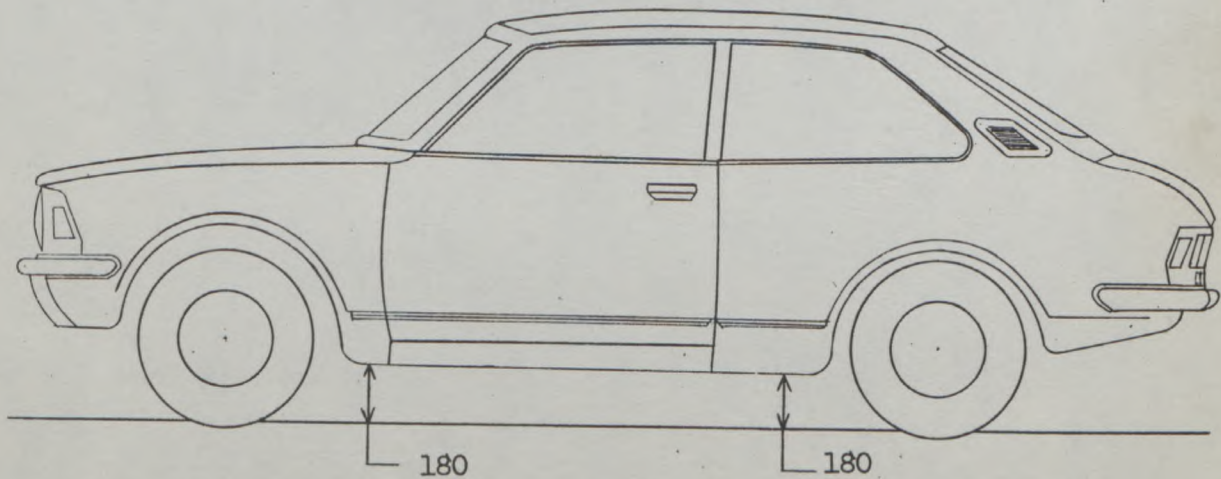
**CAPACITIES AND DIMENSIONS**

|   |      |           |      |             |
|---|------|-----------|------|-------------|
| 1. <u>Wheelbase</u>   | 2335 | mm        | 91.9 | inches      |
| 2. <u>Front track</u>   | 1255 | mm        | 49.4 | inches *    |
| 3. <u>Rear track</u>  | 1245 | mm        | 49.0 | inches *    |
| 4. Overall length of the car  |      | 394.5     | cm   | inches      |
| 5. Overall width of the car   |      | 150.5     | cm   | inches      |
| 6. Overall height of the car  |      | 137.5     | cm   | inches      |
| 7. <u>Capacity of fuel tank</u> (reserve included)  |      |           | 45   | ltrs        |
|   | 11.9 | Gallon US |      | Gallon Imp. |
| 8. Seating capacity   |      | 5         |      |             |
| 9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools: |      |           |      |             |
|   | 695  | kg        | 1530 | 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

**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 carré | -- | 6.452 cm <sup>2</sup>  | 1 gallon imp.          | -- | 4.546 ltrs  |
| 1 cubic inch / pouce cube   | -- | 16.387 cm <sup>3</sup> | 1 gallon US            | -- | 3.785 ltrs  |
| 1 pound / livre (lb)        | -- | 453.593 gr.            | 1 hundred weight (cwt) | -- | 50.802 kg   |

**CHASSIS AND COACHWORK** (Photographs A, B and C)

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

**ACCESSORIES AND UPHOLSTERY**

- 38. Interior heating : ~~Yes~~ - no
- 39. Air-conditioning : ~~Yes~~ - no
- 40. Ventilation : yes - ~~Yes~~
- 41. Front seats, type of seats and upholstery Separate, Vinyl leather
- 42. Weight of front seat (s), complete with supports and rails, out of the car :  
 12.9 Kg x 2 kg lbs
- 43. Rear seats, type of seats and upholstery Bench, Vinyl leather
- 44. Front bumper, material (s) Steel Weight 3.7 kg lbs
- 45. Rear bumper, material (s) Steel Weight 4.1 kg lbs

**WHEELS**

- 50. Type Pressed steel
- 51. Weight (per wheel, without tyre) 5.0 kg lbs
- 52. Method of attachment 4 Nunts
- 53. Rim diameter 305 mm 12 inches
- 54. Rim width 102 mm 4 inches

**STEERING**

- 60. Type Worm & sector roller
- 61. Servo-assistance : ~~Yes~~ - no
- 62. Number of turns of steering wheel from lock to lock 3.3
- 63. In case of servo-assistance



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**SUSPENSION**

- 70. Front suspension (photogr. D), type Independent, Macpherson
- 71. Type of spring Coil
- 72. Stabiliser (if fitted) Torsion bar
- 73. Number of shockabsorbers 2
- 74. Type Hydraulic telescopic
- 78. Rear suspension (photogr. E), type Rigid
- 79. Type of spring Leaf
- 80. Stabiliser (if fitted)
- 81. Number of shockabsorbers 2
- 82. Type Hydraulic telescopic

**BRAKES** (photographs F and G)

- 90. System Hydraulic
- 91. Servo-assistance (if fitted), type
- 92. Number of hydraulic master cylinders 1

|                                   | FRONT               |                 | REAR                |                 |
|-----------------------------------|---------------------|-----------------|---------------------|-----------------|
| 93. Number of cylinders per wheel | 2                   |                 | 1                   |                 |
| 94. Bore of wheel cylinder (s)    | 22.2                | mm              | 19.0                | mm              |
|                                   |                     | in.             |                     | in.             |
| <b>Drum brakes</b>                |                     |                 |                     |                 |
| 95. Inside diameter               | 200                 | mm              | 200                 | mm              |
|                                   |                     | in.             |                     | in.             |
| 96. Length of brake linings       | 192                 | mm              | 192                 | mm              |
|                                   |                     | in.             |                     | in.             |
| 97. Width of brake linings        | 35                  | mm              | 30                  | mm              |
|                                   |                     | in.             |                     | in.             |
| 98. Number of shoes per brake     |                     |                 |                     |                 |
| 99. Total area per brake          | 152x10 <sup>2</sup> | mm <sup>2</sup> | 134x10 <sup>2</sup> | mm <sup>2</sup> |
|                                   |                     |                 | sq. in.             | sq. in.         |
| <b>Disc brakes</b>                |                     |                 |                     |                 |
| 100. Outside diameter             |                     | mm              |                     | mm              |
|                                   |                     | in.             |                     | in.             |
| 101. Thickness of disc            |                     | mm              |                     | mm              |
|                                   |                     | in.             |                     | in.             |
| 102. Length of brake linings      |                     | mm              |                     | mm              |
|                                   |                     | in.             |                     | in.             |
| 103. Width of brake linings       |                     | mm              |                     | mm              |
|                                   |                     | in.             |                     | in.             |
| 104. Number of pads per brake     |                     |                 |                     |                 |
| 105. Total area per brake         |                     | mm <sup>2</sup> |                     | mm <sup>2</sup> |
|                                   |                     |                 | sq. in.             | sq. in.         |



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ENGINE (photographs J and K)

|   |                  |                               |                              |
|---|------------------|-------------------------------|------------------------------|
| 130. Cycle  | 4                | 131. Number of cylinders      | 4                            |
| 132. Cylinder arrangement   | In line          |                               |                              |
| 133. Bore   | 75 mm            | 134. Stroke                   | 66 mm                        |
|   | 2.96 in.         |                               | 2.60 in.                     |
| 135. Capacity per cylinder  |                  |                               | 291 cm <sup>3</sup>          |
|   |                  |                               | 17.8 cu. in.                 |
| 136. Total cylinder-capacity  |                  |                               | 1166 cm <sup>3</sup>         |
|   |                  |                               | 71.1 cu. in.                 |
| 137. Material (s) of cylinder block   | Cast iron        |                               |                              |
| 138. Material (s) of sleeves (if fitted)                                    |                  |                               |                              |
| 139. Cylinder-head, material (s)  | Aluminum - Alloy | Number fitted                 | 1                            |
| 140. Number of inlet ports  | 4                | 141. Number of exhaust ports  | 4                            |
| 142. Compression ratio  | 9.0              |                               |                              |
| 143. Volume of one combustion chamber                                       |                  |                               | 36.4 cm <sup>3</sup>         |
|   |                  |                               | cu. in.                      |
| 144. Piston, material   | Aluminum - Alloy | 145. Number of rings          | 3                            |
| 146. Distance from gudgeon pin centre line to highest point of piston crown |                  |                               |                              |
|   | 36 mm            |                               | inches                       |
| 147. Crankshaft : moulded / <del>stamped</del>                              |                  | 148. Type of crankshaft :     | integral / <del>XXXXXX</del> |
| 149. Number of crankshaft main bearings                                     | 5                |                               |                              |
| 150. Material of bearing cap  | Cast iron        |                               |                              |
| 151. System of lubrication : <del>dry sump</del> / oil in sump              |                  |                               |                              |
| 152. Capacity, lubricant  | 3.5 ltrs         |                               | pts                          |
|   |                  |                               | quarts US                    |
| 153. Oil cooler : <del>yes</del> / no                                       |                  | 154. Method of engine cooling | Water                        |
| 155. Capacity of cooling system   | 4.7 ltrs         |                               | pints                        |
|   |                  |                               | quarts US                    |
| 156. Cooling fan (if fitted), dia.  | 31 cm            |                               | inches                       |
| 157. Number of blades of cooling fan  | 2                |                               |                              |

Bearings

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

Weights

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



**FOUR STROKE ENGINES**

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

**INLET** (see page 8) \*

- 180. Material(s) of inlet manifold **Aluminum - Alloy**
- 181. Diameter of valves **35** mm **1.38** inches
- 182. Max. valve lift **8.8** mm **0.35** in.      183. Number of valve springs **1**
- 184. Type of spring **Coil**      185. Numbr of valves per cylinder **1**
- 186. Tappet clearance for checking timing (cold) **0.08** mm **inches**
- 187. Valves open at (with tolerance for tappet clearance indicated) **B.T.D.C.  $16^{\circ} \pm 2.5^{\circ}$**
- 188. Valves close at (with tolernce for lappet clearance indicated) **A.B.D.C.  $50^{\circ} \pm 2.5^{\circ}$**
- 189. Air filter, type **Dry**

**EXHAUST** (see page 8)

- 195. Material (s) of exhaust manifold **Cast iron**
- 196. Diameter of valves **29** mm **1.14** inches
- 197. Max. valve lift **8.4** mm **0.33** in.      198. Number of valve springs **1**
- 199. Type of spring **Coil**      200. Number of valves per cylinder **1**
- 201. Tappet clearance for checking timing (cold) **0.18** mm **inches**
- 202. Valves open at (with tolerance for tappet clearance indicated) **B.B.D.C.  $50^{\circ} \pm 2.5^{\circ}$**
- 203. Valves close at (with tolerance for tappet clearance indicated) **A.T.D.C.  $16^{\circ} \pm 2.5^{\circ}$**

**CARBURETION** (photograph N)

- 210. Number of carburettors fitted **1**      211. Type **Down draught**
- 212. Make **Aisan**      213. Model **3K**
- 214. Number of mixture passages per caburettor **2**
- 215. Flange hole diameter of exit port(s) of carburetteor **28 & 28** mm **in.**
- 216. Minimum dimensions of mixture pasage (s) ~~XXXXXX~~ **21 & 24** mm **inches**

**INJECTION** (if fitted)

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

\*) for additional information concerning two-stroke engines and super-charged engines see page 13.



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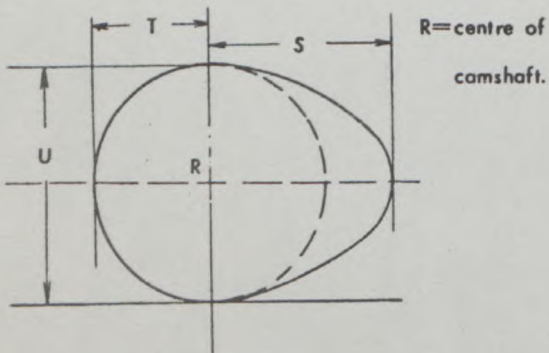
**ENGINE ACCESSORIES**

|   |                                      |        |
|---|--------------------------------------|--------|
| 230. Fuel pump : mechanical and / <del>electric</del>               | 231. No. fitted                      | 1      |
| 232. Type of ignition system Make & break                           | 233. No. of distributors             | 1      |
| 234. No. of ignition coils  | 235. No. of spark plugs per cylinder | 1      |
| 236. Generator, type: <del>dynamic</del> / alternator-number fitted | 237. Method of drive                 | V belt |
| 238. Voltage of generator 12 volts                                  | 239. Battery, number                 | 1      |
| 240. Location Engine room   |                                      |        |
| 241. Voltage of battery 12 volts                                    |                                      |        |

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

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

255.



Inlet cam

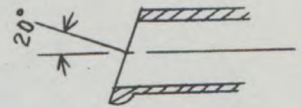
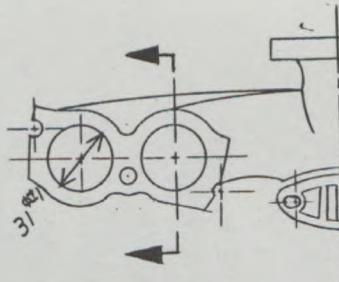
|     |      |    |       |        |
|-----|------|----|-------|--------|
| S = | 21.1 | mm | 0.831 | inches |
| T = | 15.4 | mm | 0.607 | inches |
| U = | 30.8 | mm | 1.214 | inches |

Exhaust cam

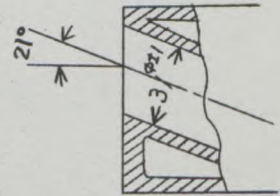
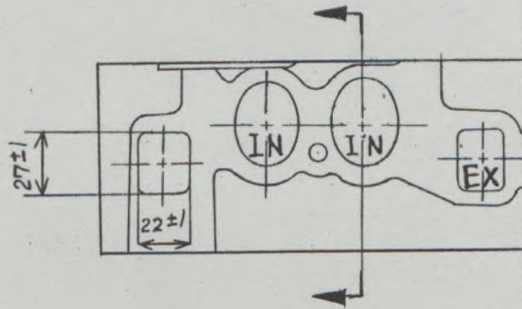
|     |      |    |       |        |
|-----|------|----|-------|--------|
| S = | 21.2 | mm | 0.835 | inches |
| T = | 15.2 | mm | 0.599 | inches |
| U = | 30.4 | mm | 1.198 | inches |



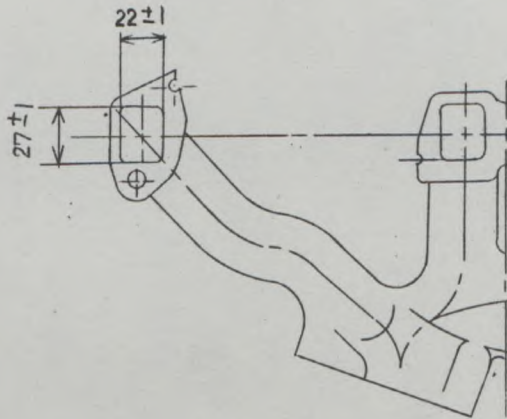
Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



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



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



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

Unit : mm





**DRIVE TRAIN**

**CLUTCH**

260. Type of clutch Dry single plate 261. No. of plates 1
262. Dia. of clutch plates 18.3 cm inches
263. Dia. of linings, inside 12.5 cm in. outside 18.0 cm in.
264. Method of operating clutch Mechanical

**GEAR BOX** (photograph H)

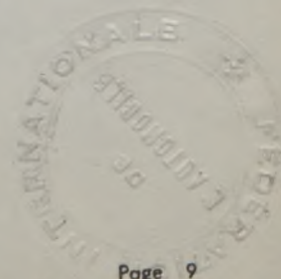
270. Manual type, make Toyota Method of operation Mechanical
271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 1,2,3 & 4
273. Location of gear-shift Floor or column
274. Automatic, make type
275. No. of forward ratios 276. Location of gear-shift

| 277.    | Manual |                                      | Automatic |           | Alternative manual/automatic |           |       |           |
|---------|--------|--------------------------------------|-----------|-----------|------------------------------|-----------|-------|-----------|
|         | Ratio  | No. teeth                            | Ratio     | No. teeth | Ratio                        | No. teeth | Ratio | No. teeth |
| 1       | 3.684  | $\frac{32}{19} \times \frac{35}{16}$ |           |           |                              |           |       |           |
| 2       | 2.050  | $\frac{32}{19} \times \frac{28}{23}$ |           |           |                              |           |       |           |
| 3       | 1.384  | $\frac{32}{19} \times \frac{23}{28}$ |           |           |                              |           |       |           |
| 4       | 1.000  |                                      |           |           |                              |           |       |           |
| 5       |        |                                      |           |           |                              |           |       |           |
| 6       |        |                                      |           |           |                              |           |       |           |
| reverse | 4.316  | $\frac{32}{19} \times \frac{41}{16}$ |           |           |                              |           |       |           |

278. Overdrive, type
279. Forward gears on which overdrive can be selected
280. Overdrive ratio

**FINAL DRIVE**

290. Type of final drive Hypoid gear
291. Type of differential Bevel gear
292. Type of limited slip differential (if fitted)
293. Final drive ratio 4.222 , 4.444
- Number of teeth 38/9 , 40/9



IMPORTANT- The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars) : 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 184, 186, 187, 188, 189, 199, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253, and photographs I, M, N, and page 8

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration : 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B, D, E, F, G, H, J, K, and O.

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

Disc brakes on front

|                                   |   |                        |                 |
|-----------------------------------|---|------------------------|-----------------|
| 93: Number of cylinders per wheel | : | 1                      |                 |
| 94: Bore of wheel cylinder        | : | 47.6                   | mm              |
| 100: Outside diameter             | : | 200                    | mm              |
| 101: Thickness of disc            | : | 10                     | mm              |
| 102: Length of brake linings      | : | 97                     | mm              |
| 103: Width of brake linings       | : | 37                     | mm              |
| 104: Number of pads per brake     | : | 2                      |                 |
| 105: Total area per brake         | : | 61.0 x 10 <sup>2</sup> | mm <sup>2</sup> |



Photo F front brake disc with caliper



Make Toyota

Model KE20

F. I. A. Rec. No.

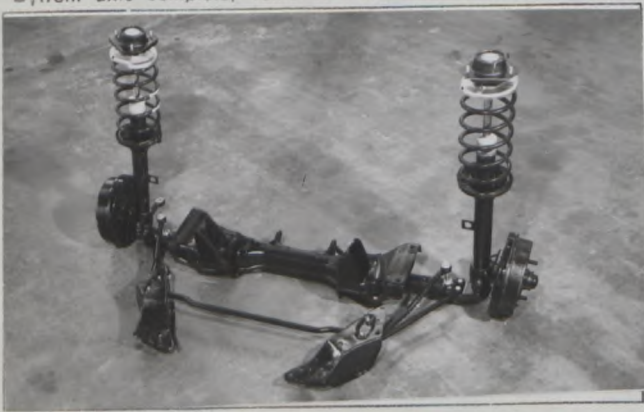
Photograph

interior view of car through driver's door (open or removed)  
C. with dashboard

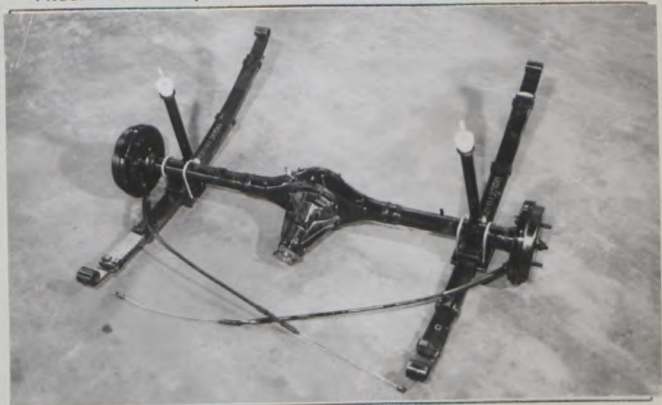
B, 3/4 view of car from rear



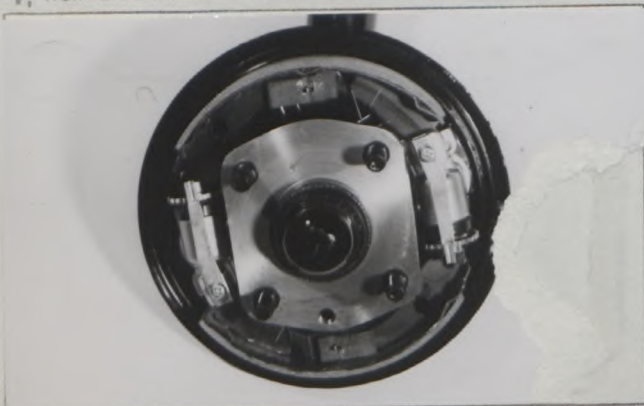
D, front axle complete, removed from car. Without wheels.



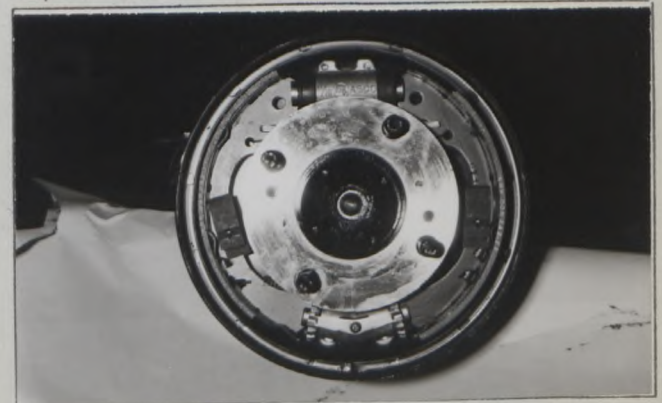
E, Rear axle complete without wheels, removed from car.



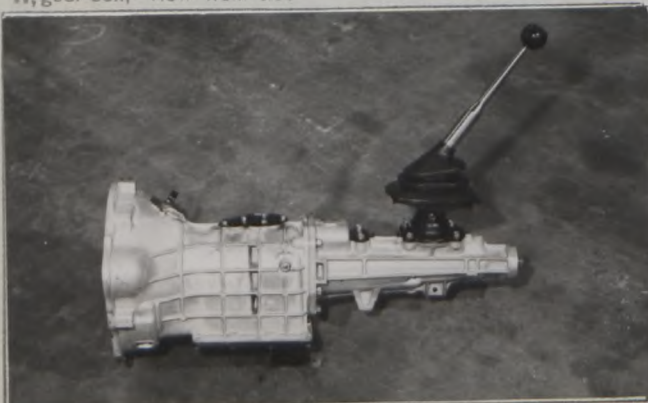
F, front brake, drum removed or disc with calipers



G, rear brake, drum removed or disc with calipers



H, gear-box, view from side

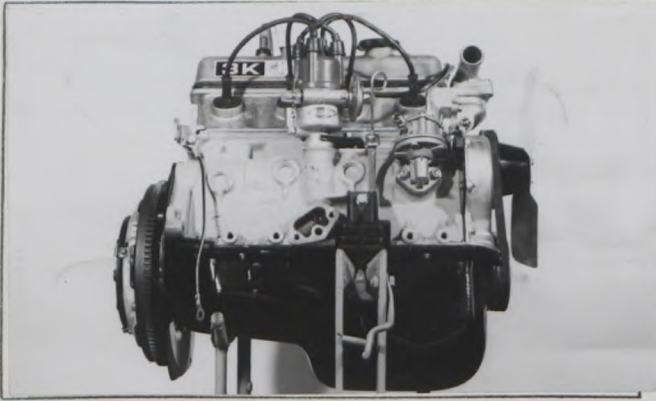


I, silencer + exhaust pipes after exhaust manifold.

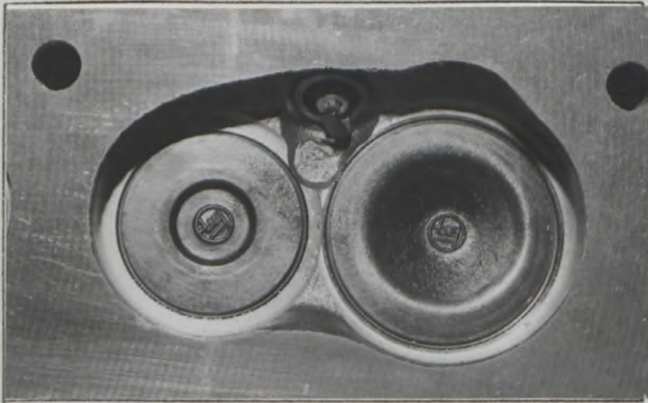


Make Toyota

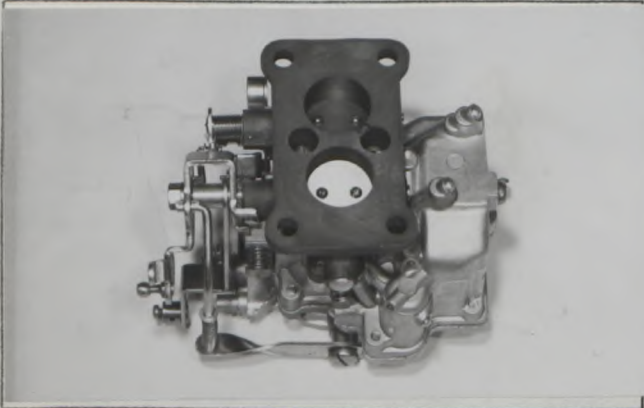
engine unit out of car, from right. With clutch and J, accessories but without air filter nor gear-box.



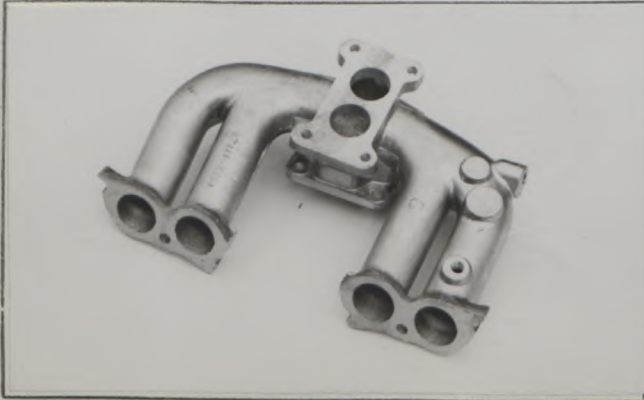
L, combustion chamber



N, Carburettor (view from side of manifold)



P, inlet manifold

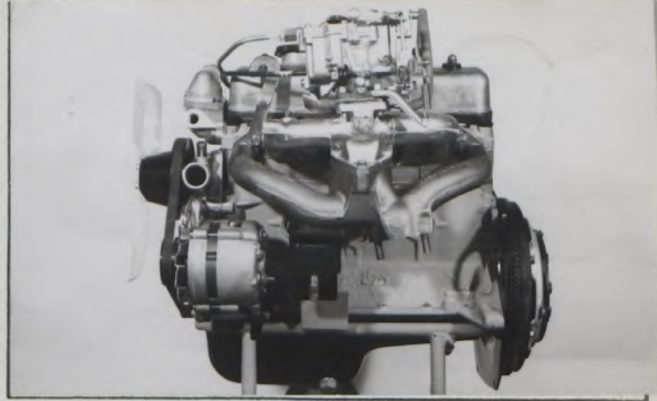


Model KE20

F. I. A. Rec. No

Photograph

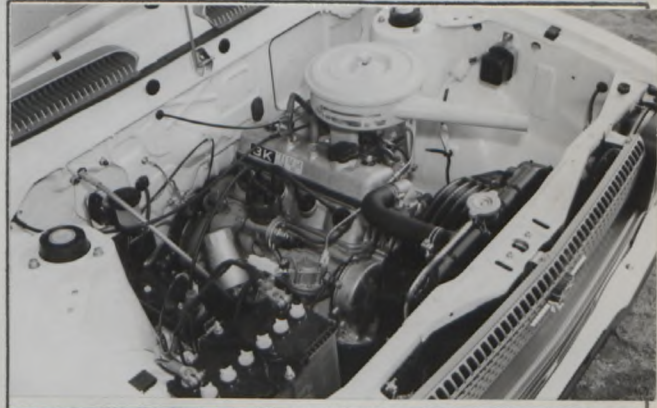
Engine unit out of car, from left. With clutch and accessories but without gear-box nor air filter.



M, piston crown



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



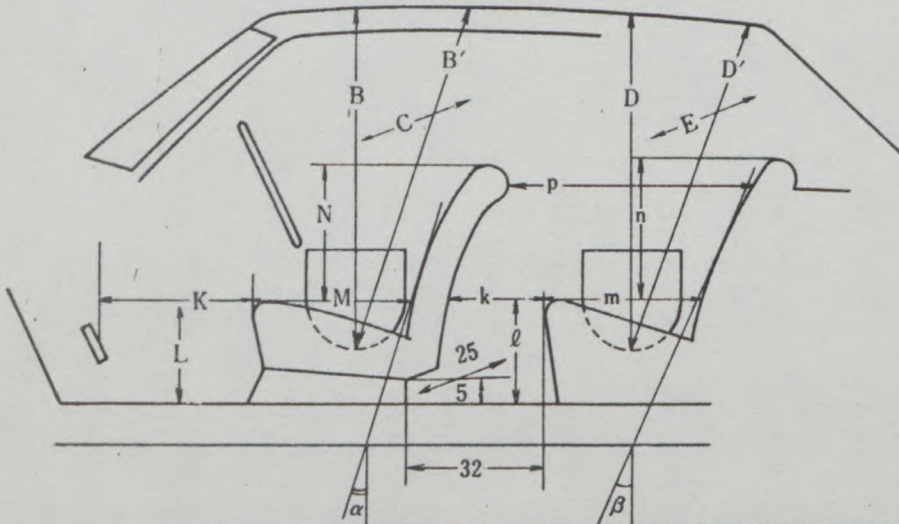
Q, exhaust manifold



INTERNATIONAL MOTOR RACING ASSOCIATION

**DIMENSIONS OF INTERIOR**  
(Conform to Art. 253 b of Appendix J)

For four seaters :



| Minimum Dimensions (cm) |     |          |     |      |    |         |     |
|-------------------------|-----|----------|-----|------|----|---------|-----|
| B                       | B'  | $\alpha$ | C   | D    | D' | $\beta$ | E   |
| 97                      | 108 | 24°      | 129 | 95.5 | 97 | 24°     | 128 |

| Minimum Dimensions (cm) |        |              |      |             |    |                 |    |      |              |       |
|-------------------------|--------|--------------|------|-------------|----|-----------------|----|------|--------------|-------|
| L                       | $\ell$ | M            | m    | N           | n  | k+m             | p  | k    | k+ $\ell$ +m | K+L+M |
| 30.5                    | 32     | 48           | 43.5 | 56          | 43 | 66              | 57 | 22.5 | 98           | 122   |
| 0.9L = 27.45            |        | 0.85M = 40.8 |      | 0.8N = 44.8 |    | 0.8(k+m) = 52.8 |    | (15) | (95)         | (120) |



Make Toyota

Model KE20

F. I. A. Rec. No.

TWO STROKE ENGINES

300. System of cylinder scavenging
301. Type of lubrication
302. Inlet ports, length measured around cylinder wall mm inches
303. Height inlet port mm in. 304. Area mm<sup>2</sup> sq. in.
305. Exhaust ports, length measured around cylinder wall mm inches
306. Height exhaust port mm in. 307. Area mm<sup>2</sup> sq. in.
308. Transfer port, length measured around cylinder wall mm inches
309. Height transfer port mm in. 310. Area mm<sup>2</sup> sq. in.
311. Piston ports, length measured around piston mm inches
312. Height piston port mm in. 313. Area mm<sup>2</sup> sq. in.
314. Method of precompression 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 : mm inches
319. Distance from top of cyl. block to lowest point of inlet port : mm inches
320. Distance from top of cyl. block to highest point of transfer port : mm inches
321. Drawing of cylinder ports.

330. Supercharging—state full details hereafter :

JAPAN AUTOMOBILE FEDERATION

難波靖彦

Yasuharu Nanba







JAPAN AUTOMOBILE FEDERATION F.I.A. Homol. No

5360/2/2V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition Original F.I.A. Recog. in accordance with the International No. Sporting Code.

Make Toyota Motor Co., Ltd.

Model Toyota Corolla, KE20

Modification's application starts with serial No. chassis KE25-000001 engine 3K 000001

Application of this amendment started the 1 st April, 1970

Commercial denomination after application of modifications Toyota Sprinter Deluxe, KE25-BD

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

Date amendment is valid from 1/10/70 List 70/10

Description of amendment

Another appearance of different radiator grill and rear tail lamps.

Photograph



A, 3/4 view of car from front.



B, 3/4 view of car from rear.

Stamp and signature of National Sporting Authority

JAPAN AUTOMOBILE FEDERATION

Stamp and signature of F.I.A.

Handwritten signature of Yasuharu Nanba

Yasuharu Nanba

Handwritten signature and stamp of F.I.A.





JAPAN AUTOMOBILE FEDERATION

F. I. A. Homol. No

5360/3/3V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition Original F.I.A. Recog. in accordance with the International No. Sporting Code.

Make Toyota Motor Co., Ltd.

Model Toyota Corolla, KE20

Modification's application starts with serial

No. chassis KE25-000001 engine 3K 000001

Application of this amendment started the 1 st April, 1970

Commercial denomination after application of modifications Toyota Sprinter SL, KE25-BS

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

Date amendment is valid from 1/10/70 List 70/10

Description of amendment

Another appearance of different radiator gril and rear tail lamps.

Photograph



A, 3/4 view of car from front.



B, 3/4 view of car from rear.

Stamp and signature of National Sporting Authority

JAPAN AUTOMOBILE FEDERATION

Handwritten signature of Yasuharu Nanba

Yasuharu Nanba

Stamp and signature of F. I. A.





JAPAN AUTOMOBILE FEDERATION F.I.A. Homol. No

5360/4/4V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition Original F.I.A. Recog. No. in accordance with the International Sporting Code.

Make Toyota Motor Co., Ltd. Model Toyota Corolla, KE20
Modification's application starts with serial No. chassis KE25-000001 engine 3K 000001
Application of this amendment started the 1st April, 1970
Commercial denomination after application of modifications Toyota Corolla Coupe Deluxe, KE25-D
The modifications are to be considered as: Variant / ~~different evolution of the type~~
Date amendment is valid from 1/10/70 List 70/10

Description of amendment
Different type of coachwork on the identical mechanical unit.
Photo. A



Photo. B



Photo. C



Stamp and signature of National Sporting Authority

JAPAN AUTOMOBILE FEDERATION

Handwritten signature of Yasuharu Nanba

Yasuharu Nanba

Stamp and signature of F.I.A.

Stamp and signature of F.I.A. with circular seal and handwritten signature



JAPAN AUTOMOBILE FEDERATION F.I.A. Homol. No

5360/5/5V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition Original F.I.A. Recog. in accordance with the International No. Sporting Code.

Make Toyota Motor Co., Ltd. Model Toyota Corolla, KE20
Modification's application starts with serial No. chassis KE20-000001 engine 3K 000001
Application of this amendment started the 1st April, 1970
Commercial denomination after application of modifications Toyota Corolla SL, KE20-S
The modifications are to be considered as: Variant / ~~Other Evolution of the Type~~
Date amendment is valid from 1/10/70 List 70/10

Description of amendment

Another type of engine can be selected for KE20 cars as maker's option.
Cylinder capacity 1166 cm^3 71.1 Cu. in.

Photo. J

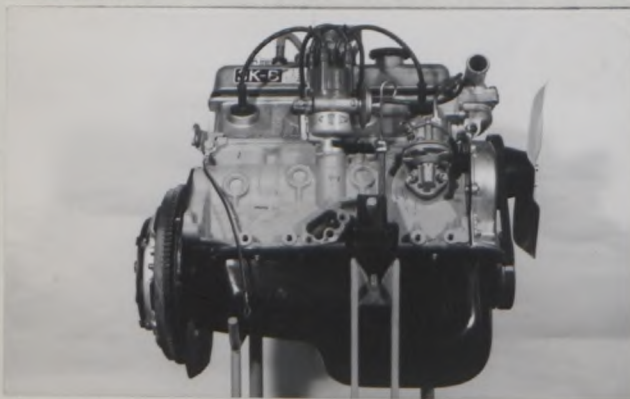
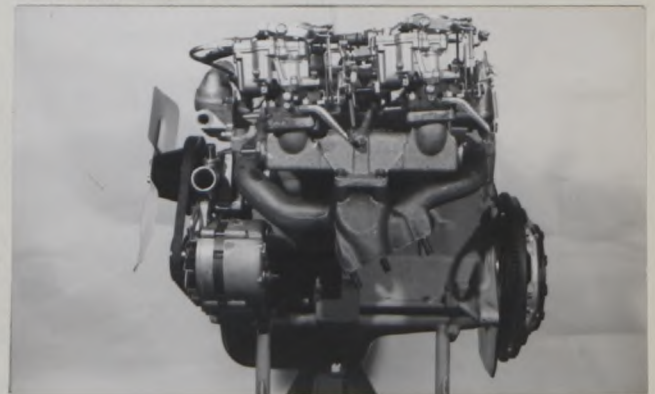


Photo. K



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

Stamp and signature of National Sporting Authority

Stamp and signature of F.I.A.

JAPAN AUTOMOBILE FEDERATION

Handwritten signature in Japanese: 難波靖治

Yasuharu Nanba

Handwritten signature in blue ink

Make Toyota

Model KE20 - s

5360/5/5V

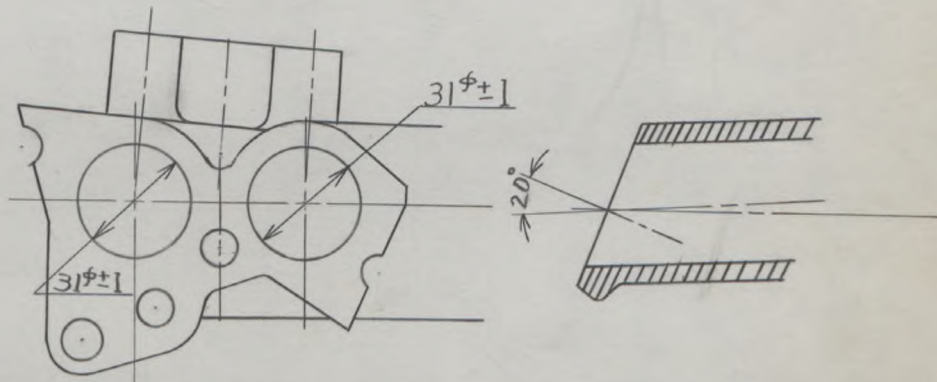
CARBURETION (photograph N )

210, Number of carburettors fitted. 2  
213, Model 3K - B  
216, Minimum dimensions of mixture pasage (s) 18 & 24 mm

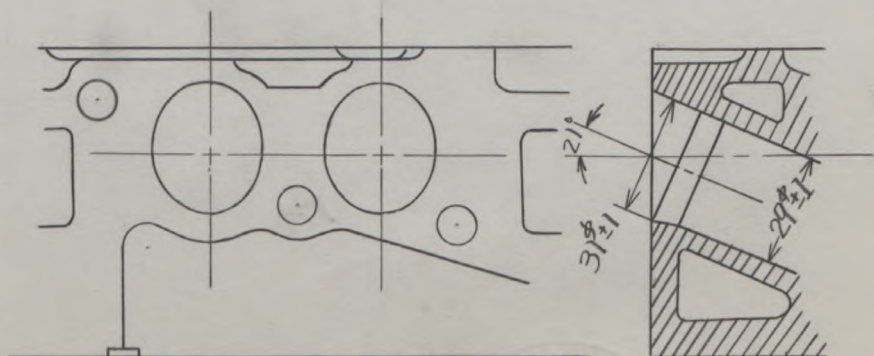
ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

250, Maximum engine output 77ps (type of horsepower: JIS) at 6600 rpm  
251, Maximum rpm 6700 output at that figure 76.5 ps  
252, maximum torque 9.6 Kg - m at 4600 rpm  
253, Maximum speed of the car 160 Km/hour

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.



Make Toyota

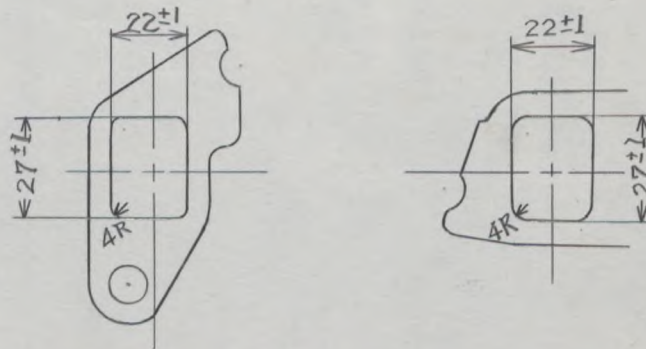
Model

KE20 - S

5360/5/5V

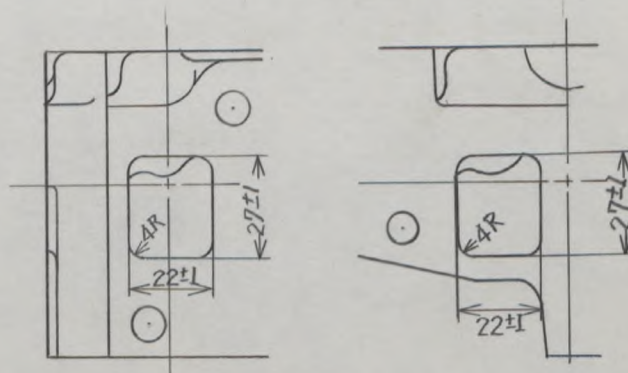
Drawing exhaust manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.

---



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

---



Unit : mm

ENGINE

142 : Compression ratio 10.0

143 : Volume of one combustion chamber 32.4 cm<sup>3</sup>

Make Toyota

Model KE20-S

5360/5/5V

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

Four door version



Photo.A 3/4view car from front



Phot.B 3/4view car from rear



Make Toyota

Model KE20 - S

5360/5/5V

Photograph

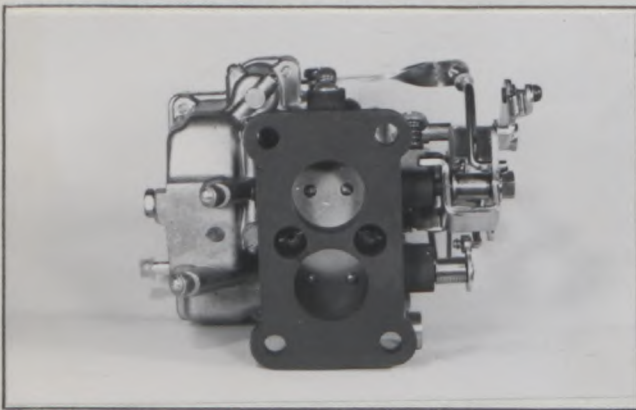
I, Silencer + exhaust pipes  
after exhaust manifold.



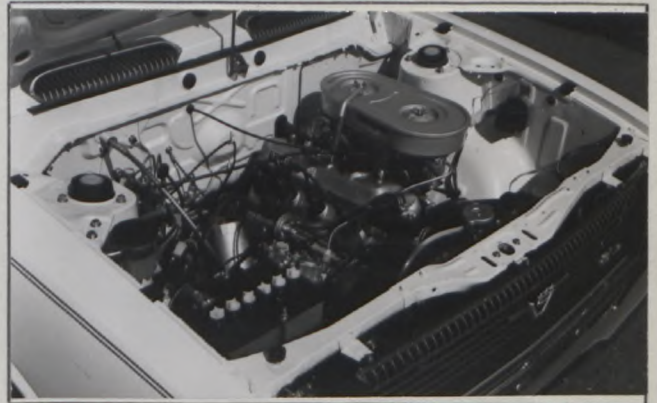
L, combustion chamber



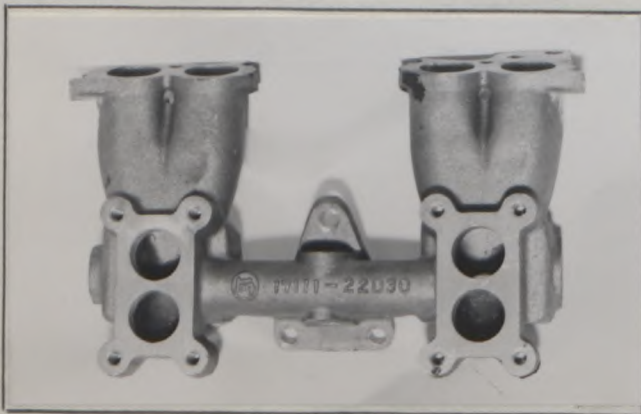
N, carburettor (view from side of  
manifold )



O, engine in car with all accesso-  
ries, bonnet open or removed.



P, inlet manifold



Q, exhaust manifold





JAPAN AUTOMOBILE FEDERATION F. I. A. Homol. No

5360/6/6V

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition Original F.I.A. Recog. in accordance with the International No. Sporting Code.

Make Toyota Motor Co., Ltd. Model Toyota Corolla, KE20
Modification's application starts with serial No. chassis KE25-000001 engine 3K 000001
Application of this amendment started the 1st April, 1970
Commercial denomination after application of modifications Toyota Sprinter Deluxe, KE25-BD
The modifications are to be considered as: Variant / ~~normal evolution of the type~~
Date amendment is valid from 1/10/70 List 70/10

Description of amendment

Another type of engine can be selected for KE20 cars as maker's option.

Cylinder capacity 1166 cm^3 71.1 Cu. in.

Photo. J

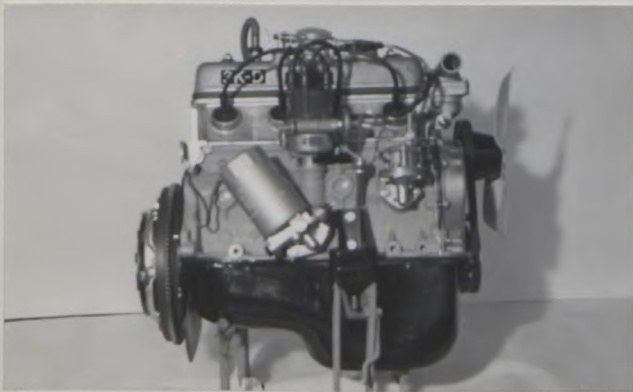
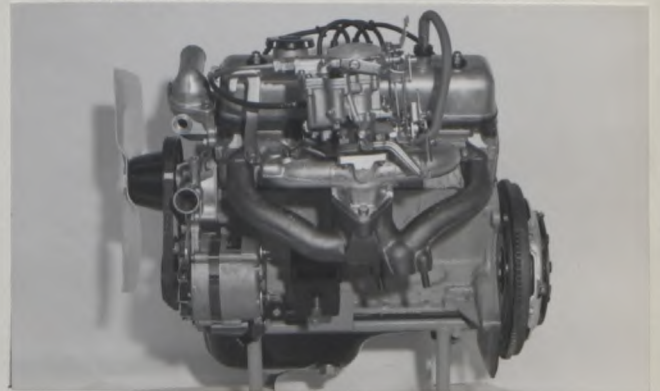


Photo. K



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

Stamp and signature of National Sporting Authority

Stamp and signature of F. I. A.

JAPAN AUTOMOBILE FEDERATION

Handwritten signature of Yasuharu Nanba

Yasuharu Nanba





Make Toyota

Model KE25 - BD

5360  
6/6V

ENGINE (photographs J and K )

142, Compression ratio 10.0

143, Volume of one combustion chamber 32.4 Cm<sup>3</sup>

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

250. Maximum engine output 73ps (type of horsepower : JIS )

at 6600rpm

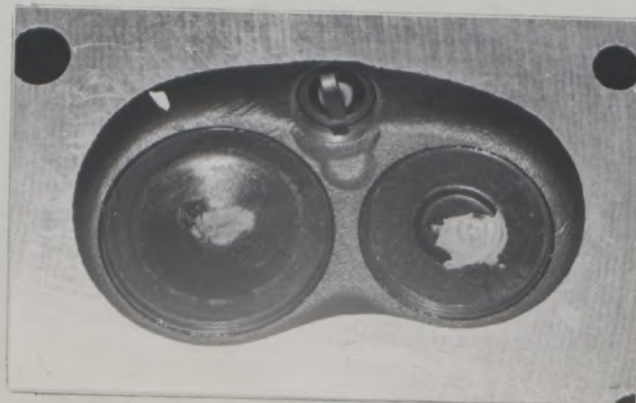
251. Maximum rpm 6700 output at that figure 72.5ps

252. Maximum torque 9.6Kg - m at 4200rpm

253. Maximum speed of the car 155Km/hour

Photograph

L. combustion chamber





NOT VALID FOR GROUP 1 ONLY

JAPAN AUTOMOBILE FEDERATION

F. I. A. Homol. No 5360 17/7v -Gr II-

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition in accordance with the International Sporting Code.

Make Toyota Motor Co., Ltd.

Model Toyota Corolla. KE20

Modification's application starts with serial No. chassis KE20-000001 engine 3K 000001

Application of this amendment started the 1st January, 1971

Commercial denomination after application of modifications

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

Date amendment is valid from 1/4/71 List 71/4

Description of amendment "valable en Groupe 2 uniquement" "valid for Group 2 only"

Disc brake on front

- 94. Bore of wheel cylinder(s) 48.1mm
100. Outside diameter 244 mm
101. Thickness of disc 10 mm
102. Length of brake linings 47.5mm
103. Width of brake linings 60.9mm
104. Number of pads per brake 2
105. Total area per brake 56x10^2 mm^2



Photo F front brake disc with caliper(s)

Stamp and signature of National Sporting Authority

Stamp and signature of F. I. A.

JAPAN AUTOMOBILE FEDERATION

Handwritten signature in Japanese characters: 難波靖治





JAPAN AUTOMOBILE FEDERATION

社団 日本自動車連盟  
法人

J·A·F 公認番号 T-145 E-9  
発効年月日 47. 3. 31  
F. I. A. Homol. No 5360  
8/1E

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

国際スポーツ法典付則J項及びJAF国内競技車両規則に従った公認書式。

Make Toyota Motor Co., Ltd. Model Toyota Corolla, KE20  
製造会社名 型式及び通称名  
Modification's application starts with serial No. chassis 適用シャーシー番号 KE20-237127  
engine 適用エンジン番号 3K 5448608  
Application of this amendment started the 1st Aug. 1971  
適用年月日  
Commercial denomination after application of modifications Toyota Corolla, KE20 series.  
The modifications are to be considered as: ~~XXXXX~~ / normal evolution of the type  
正常進化  
Date amendment is valid from List

Description of amendment 内容

1. Toyota Corolla, KE20

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

庭山博史

Hiroshi Niwayama



Stamp and signature of the F.I.A.

Make Toyota

Model KE20  
型式

J.A.F公認番号  
F.I.A. Rec. No.

T-145 E-9  
5360  
8/1E

1-2 ENGINE

156. Cooling fan dia 240 mm

157. Number of blades of cooling fan 4

Photo. J

engine unit out of car  
from right.

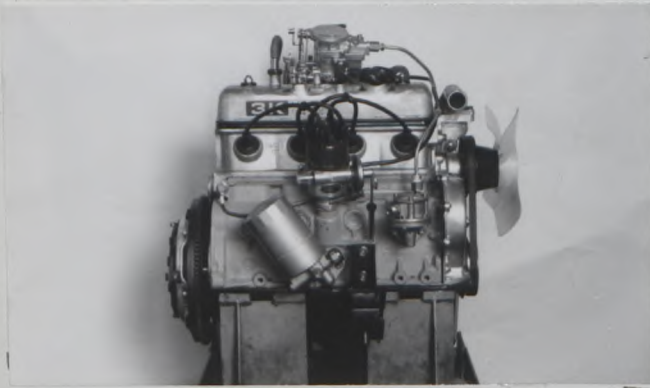
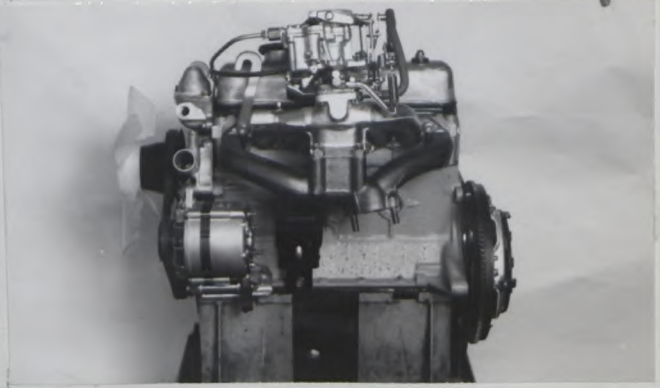


Photo. K

engine unit out of car  
from left.



2. Toyota Corolla, KE20-F (4 door)

Photo. A

3/4 view of car from front.



Photo. B

3/4 view of car from rear.



Make Toyota

Model KE20  
型式

J·A·F公認番号  
F.I.A. Rec. No.

T- 145  
5360  
8/E

3. Toyota Corolla SL, KE20-S

Photo. A

3/4 view of car from front



Photo. B

3/4 view of car from rear



4. Toyota Corolla Coupe Deluxe, KE25-D

Photo. A

3/4 view of car from front



Photo. B

3/4 view of car from rear



5. Toyota Sprinter Coupe Deluxe, KE25-BD

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.



6. Toyota Sprinter Coupe SL, KE25-BS

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-145 V-11  
発効年月日 47.4.30  
F.I.A. Homol. No 536098V

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, KE20  
製造会社名 型式及び通称名  
Modification's application starts with serial No. chassis 適用シャーシー番号 KE20-000001  
engine 適用エンジン番号 3K 000001  
Application of this amendment started the 1st Feb. 1972  
適用年月日  
Commercial denomination/after application of modifications Toyota Corolla, KE20  
The modifications are to be considered as: Variant / ~~xxxxxx~~  
変型 / ~~xxxxxx~~  
Date amendment is valid from List

Description of amendment 内容

Optional

VALID FOR GROUP II ONLY

Wing extensions



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

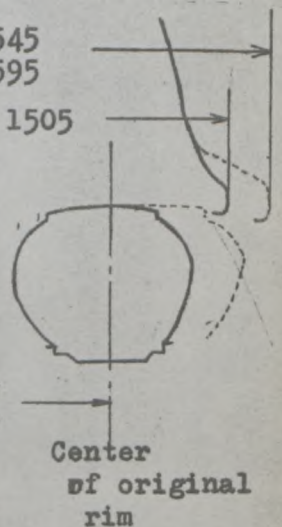
Fr 1545  
Rr 1595

1505



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

1255 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 日本自動車連盟  
法人

J.A.F.公認番号 10/9V 45 V-8

発効年月日 47. 2. 29

F. I. A. Homol. No 5360 10/9V

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, KE20**  
 製造会社名  
 Modification's application starts with serial No. chassis 適用シャーシー番号 **KE20-000001**  
 engine 適用エンジン番号 **3K 000001**  
 Application of this amendment started the **10th January, 1972**  
 適用年月日  
 Commercial denomination after application of modifications  
 The modifications are to be considered as: Variant / ~~approved~~ **XXXXXXXXXXXXXXXXXXXX**  
 変型 / ~~承認~~  
 Date amendment is valid from \_\_\_\_\_ List

Description of amendment 内容

Optional

**VALID FOR GROUP II ONLY**

Wing extensions



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

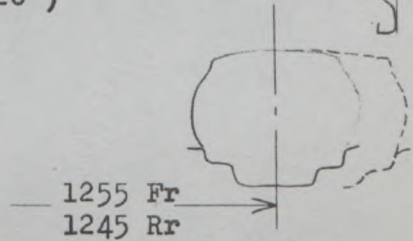
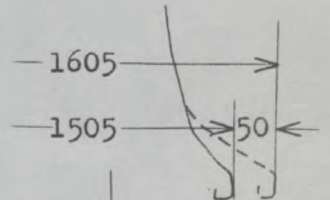


Photo.  
 Rear wing extension  
 (Part number:  
 61681-12020  
 61682-12020 )

Center of original rim  
 Unit : mm



Stamp and signature of the JAF

Stamp and signature of the F.I.A.

JAF公認印及び署名

難波靖彦

Yasuharu Nanba







JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F 公認番号  
発効年月日

T- 145 V-10

47. 3. 31

F. I. A. Homol. No 5360

10/100

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, KE20  
製造会社名 型式及び通称名

Modification's application starts with serial No. chassis 適用シャーシー番号 KE20-000001  
 engine 適用エンジン番号 3K 0001001

Application of this amendment started the 1st Aug. 1971  
適用年月日

Commercial denomination after application of modifications Toyota Corolla, KE20

The modifications are to be considered as: Variant / ~~XXXXXX~~  
変型 /

Date amendment is valid from List

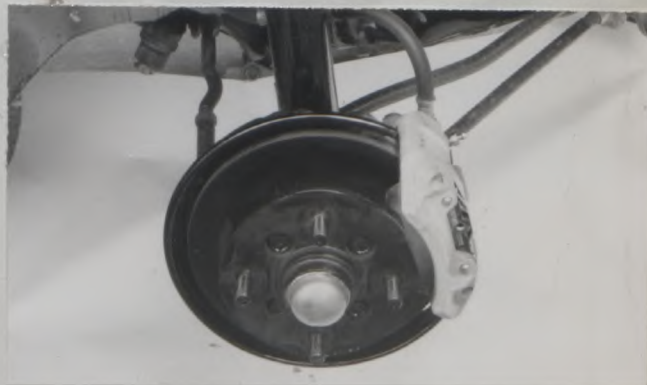
Description of amendment 内容

Optional

Disc brake on front

- 94. Bore of wheel cylinder(s) 48.1 mm
- 100. Outside diameter 204 mm
- 101. Thickness of disc 10 mm
- 102. Length of brake linings 78 mm
- 103. Width of brake linings 38.5 mm
- 104. Number of pads per brake 2
- 105. Total area per brake 54.8 x 10<sup>2</sup> mm<sup>2</sup>

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



(Part. No. 47710-20020)  
47720-20020

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.

*[Signature]*



JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

J.A.F. 公認番号 T-145 E-14

発効年月日 47.10.31

F. I. A. Homol. No 5360

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, KE20

Modification's application starts with serial No. chassis KE20-409001 engine 3K 0850247

Application of this amendment started the 1st. Aug. 1972

Commercial denomination after application of modifications Toyota Corolla, KE20 series.

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

Date amendment is valid from

List

Description of amendment 内容

COACKHWORK

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

三井平八郎

Heihachiro Mitsui



Stamp and signature of the F.I.A.

Signature of the F.I.A.

Toyota

Model KE20  
型式

J.A.F公認番号 T-145E-14

F.I.A.Rec.No. 5360

4 Door Model

Photo. A

3/4 view of car from front.

Corolla series.



Photo. B

3/4 view of car from rear.



Sprinter series.



Coupe Model

Photo. A

3/4 view of car from front.

Corolla series.



Photo. B

3/4 view of car from rear.



Coupe Model

Photo. A

3/4 view of car from front.

Sprinter series.



Photo. B

3/4 view of car from rear.



Photo. C

Interior view of car through driver's door.



NOT VALID FOR GROUP 1 ONLY



**JAPAN AUTOMOBILE FEDERATION** F. I. A. Homol. No

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Amendment to Form of Recognition  
in accordance with the International  
Sporting Code.

Make Toyota Motor Co., Ltd

Model Toyota Corolla, KE20

Modification's application starts with serial

No. chassis KE20-000001

engine 3K 0000001

Application of this amendment started the 1st March, 1970

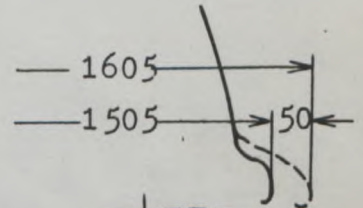
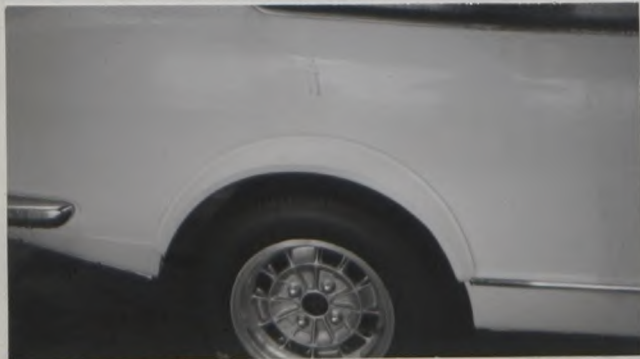
Commercial denomination after application of modifications

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

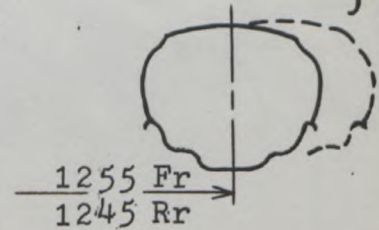
Date amendment is valid from List

Description of amendment

Wing extensions



Front



Center

Rear

of original rim

Unit : mm

Stamp and signature of  
National Sporting Authority

Stamp and signature of F. I. A.

**JAPAN AUTOMOBILE FEDERATION**

難波靖治

Yasuharu Nanba

