



# FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation N°

T-1006

Groupe Tout-Terrain  
Group      Tout-Terrain

FT-016

FICHE D'HOMOLOGATION CONFORME A L'ANNEXE J DU CODE SPORTIF INTERNATIONAL  
HOMOLOGATION FORM IN ACCORDANCE WITH APPENDIX J OF THE INTERNATIONAL SPORTING CODE

Homologation valable à partir du 01 JAN. 1989 en groupe Tout-Terrain  
Homologation valid as from \_\_\_\_\_ in group

Photo A

Photo B



1. DEFINITIONS / DEFINITIONS 88-Nov-10-21 88-Nov-10-18

101. Constructeur TOYOTA MOTOR CORPORATION  
Manufacturer

102. Dénomination(s) commerciale(s) — Modèle et type TOYOTA LAND CRUISER (BJ74V)  
Commercial name(s) — Type and model

103. Cylindrée totale 5834.2 (3431.9 x 1.7 = 5834.2) cm<sup>3</sup>  
Cylinder capacity

104. Mode de construction  séparée, matériau du châssis Steel (see page 13)  
Type of car construction  monocoque  
 unitary construction

105. Nombre de volumes 2  
Number of volumes

106. Nombre de places 5  
Number of places



*Signature*



2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHT

201. Poids minimum  
Minimum weight 1731 kg
202. Longueur hors-tout  
Overall length 4250 mm ± 1%
203. Largeur hors-tout  
Overall width 1690 mm ± 1% Endroit de la mesure  
Where measured At rear wheel center
204. Largeur de la carrosserie:  
Width of bodywork:  
a) A la hauteur de l'axe AV  
At front axle 1690 mm ± 1%  
b) A la hauteur de l'axe AR  
At rear axle 1690 mm ± 1%
206. Empattement: a) Droit  
Wheelbase: Right 2600 mm ± 1% b) Gauche:  
Left: 2600 mm ± 1%
207. Voie maximum AV  
Maximum track Front 1425 mm AR  
Rear 1410 mm
209. Porte-à-faux: a) AV:  
Overhang: Front: 705 mm ± 1% b) AR:  
Rear: 945 mm ± 1%
210. Distance «G» (volant — paroi de séparation AR)  
Distance «G» (steering wheel — rear bulkhead) 1482 mm ± 1%

3. MOTEUR / ENGINE: (En cas de moteur rotatif, voir Article 335 sur fiche complémentaire).  
(In case of rotative engine, see Article 335 on complementary form).

301. Emplacement et position du moteur:  
Location and position of the engine: Front, Longitudinal, Left:1°52', Front:5°
302. Nombre de supports  
Number of supports 3
303. Cycle  
Cycle 4, Diesel





Marque TOYOTA Modèle BJ74V N° Homol. T-1006  
Make TOYOTA Model BJ74V

304. Suralimentation ~~oui/yes~~ type Exhaust turbo charging  
Supercharging ~~yes/yes~~ type Exhaust turbo charging  
(En cas de suralimentation, voir également l'Article 334 sur fiche complémentaire)  
(In case of supercharging, see also Article 334 on complementary form)

305. Nombre et disposition des cylindres 4, In-line  
Number and layout of the cylinders 4, In-line

306. Mode de refroidissement Liquid  
Cooling system Liquid

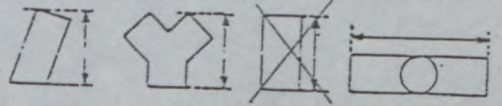
307. Cylindrée: a) Unitaire 857.99 cm<sup>3</sup> b) Totale 3431.9 x 1.7 = 5834.2 cm<sup>3</sup>  
Cylinder capacity: a) Unitary 857.99 cm<sup>3</sup> b) Total 3431.9 x 1.7 = 5834.2 cm<sup>3</sup>

308. Volume minimal total d'une chambre de combustion 51.7 cm<sup>3</sup>  
Total minimum volume of a combustion chamber 51.7 cm<sup>3</sup>

309. Volume minimum d'une chambre de combustion dans la culasse 3.2 cm<sup>3</sup>  
Minimum volume of a combustion chamber in the cylinderhead 3.2 cm<sup>3</sup>

310. Rapport volumétrique maximum (par rapport à l'unité) 17.6 : 1  
Maximum compression ratio (in relation with the unit) 17.6 : 1

311. Hauteur minimum du bloc-cylindres 289 mm  
Minimum height of the cylinder block 289 mm



312. Matériau du bloc-cylindres Cast - iron  
Cylinder block material Cast - iron

313. Chemises: a) ~~oui/yes~~ b) Matériau Cast - iron c) Type: Dry  
Sleeves: ~~yes/yes~~ Material Cast - iron Type: Dry

314. Alésage 102.0 mm  
Bore 102.0 mm

316. Course 105.0 mm  
Stroke 105.0 mm

317. Piston a) Matériau Aluminum alloy c) Poids minimum 1544 g  
Piston Material Aluminum alloy Minimum weight 1544 g  
b) Nombre de segments 3  
Number of rings 3

d) Distance de la médiane de l'axe au sommet du piston 63.4 ± 0.1 mm  
Distance from gudgeon pin center line to highest point of piston crown 63.4 ± 0.1 mm

e) Distance (+/-) entre le sommet du piston au PMH et le plan de joint du bloc-cylindre +0.9 ± 0.15 mm  
Distance (+/-) between the top of the piston at TDC and the gasket plane of the cylinderblock +0.9 ± 0.15 mm

f) Volume de l'évidement du piston 37.9 ± 0.5 cm<sup>3</sup>  
Piston groove volume 37.9 ± 0.5 cm<sup>3</sup>





Marque Make TOYOTA Modéle Model BJ74V N° Homol. T-1006

318. Bielle: a) Matériau Steel b) Type de la tête de bielle Separate  
Connecting rod: Material Steel Big end type Separate  
c) Diamètre intérieur de la tête de bielle (sans coussinets): 64.0 mm  $\pm 0.1\%$   
Interior diameter of the big end (without bearings): 64.0  
d) Longueur entre axes: 173.0 mm ( $\pm 0.1$  mm) e) Poids minimum: 1490 g  
Length between the axes: 173.0 Minimum weight: 1490

319. Vilebrequin: a) Type de construction Integral  
Crankshaft: Type of manufacture Integral  
b) Matériau Steel  
Material Steel  
c)  coulé  estampé  
 moulded  stamped d) Nombre de paliers 5  
Number of bearings 5  
e) Type de paliers Plain  
Type of bearings Plain  
f) Diamètre des paliers 75.0 mm  $\pm 0.2\%$   
Diameter of bearings 75.0  
g) Matériau des chapeaux des paliers Cast - iron  
Bearing caps material Cast - iron  
h) Poids minimum du vilebrequin nu 28615 g  
Minimum weight of the bare crankshaft 28615  
i) Diamètre maximum des manetons 61.0 mm  
Maximum diameter of big end journals 61.0

320. Volant moteur: a) Matériau Cast - iron  
Flywheel: Material Cast - iron  
b) Poids minimum avec couronne de démarreur 17974 g  
Minimum weight of the flywheel with starter ring 17974

321. Culasse: a) Nombre de culasses 1 b) Matériau Cast - iron  
Cylinderhead: Number of cylinderheads 1 Material Cast - iron  
c) Hauteur minimum 95 mm  
Minimum height 95  
d) Endroit de la mesure From top of cylinderhead to bottom of cylinderhead.  
Where measured From top of cylinderhead to bottom of cylinderhead.

322. Epaisseur du joint de culasse serré 1.5  $\pm$  0.2 mm  
Thickness of the tightened cylinderhead gasket 1.5  $\pm$  0.2

323. Alimentation par carburateur(s): a) Nombre de carburateurs XXXX  
Fuel feed by carburettor(s): Number of carburators XXXX  
b) Type XXXX c) Marque et modèle XXXX  
Type XXXX Make and model XXXX





- d) Nombre de passages de gaz par carburateur  
 Number of mixture passages per carburettor XXXX
- e) Diamètre maximum de la tubulure de gaz à la sortie du carburateur  
 Maximum diameter of the flange hole of the carburettor exit port XXXX mm
- f) Diamètre du diffuseur au point d'étranglement maximum  
 Diameter of the venturi at the narrowest point XXXX mm

324. Alimentation par injection:

- Fuel feed by injection: a) Marque: NIPPON DENSO  
 Manufacturer: NIPPON DENSO
- b) Modèle du système d'injection:  
 Model of injection system: Bosch A ( In-line type )
- c) Mode de dosage du carburant:  mécanique  électronique  hydraulique  
 Kind of fuel measurement:  mechanical  electronical  hydraulical
- c1) Plongeur oui/yes c2) Mesure du volume d'air oui/non  
 Piston pump yes/no Measurement of air volume yes/no
- c3) Mesure de la masse d'air oui/non c4) Mesure de la vitesse de l'air oui/non  
 Measurement of air mass yes/no Measurement of air speed yes/no
- c5) Mesure de la pression d'air oui/non Quelle est la pression de réglage?  
 Measurement of air pressure yes/no Which pressure is taken for measurement? XXXX bars
- d) Dimensions effectives du point de mesure au(x) papillon(s) ou au(x) tiroir(s) d'étranglement  
 Effective dimensions of measure position in the throttle area XXXX mm
- e) Nombre des sorties effectives de carburant 4  
 Number of effective fuel outlets 4
- f) Position des soupapes d'injection:  Canal d'admission  Culasse  
 Position of injection valves:  Inlet manifold  Cylinderhead
- g) Parties du système d'injection servant au dosage du carburant  
 Statement of fuel measuring parts of injection system Nozzles, Pump (mechanical governor built in type)

325. Arbre à cames: a) Nombre 1 b) Emplacement Lateral (OHV)  
 Camshaft: Number 1 Location Lateral (OHV)
- c) Système d'entraînement Gear wheel d) Nombre de paliers par arbre 5  
 Driving system Gear wheel Number of bearings for each shaft 5

- e) Diamètre des paliers No.1 = 57.5, No.2 = 57.3, No.3 = 57.0  
 Diameter of bearings No.4 = 57.0, No.5 = 57.3 mm

- f) Système de commande des soupapes Pushrod and Rocker  
 Type of valve operation Pushrod and Rocker

\* Each bearing has different diameter as shown in 325(e).





327. Admission: a) Matériau du collecteur Aluminum alloy  
 Inlet: Material of the manifold  
 b) Nombre d'éléments du collecteur 1  
 Number of manifold elements  
 c) Nombre de soupapes par cylindre 1  
 Number of valves per cylinder  
 d) Diamètre maximum des soupapes 46.2 mm  
 Maximum diameter of the valves  
 e) Diamètre de la tige de soupape 9.0 + 0 - 0.2 mm  
 Diameter of the valve stem  
 f) Longueur de la soupape 128.0 ± 1.5 mm  
 Length of the valve  
 g) Type des ressorts de soupape Coil  
 Type of valve springs  
 h) Nombre de ressorts par soupape 2  
 Number of springs per valve

328. Echappement: a) Matériau du collecteur Cast - iron  
 Exhaust: Material of the manifold  
 b) Nombre d'éléments du collecteur 1  
 Number of manifold elements  
 c) Diamètre de(s) sortie(s) du collecteur +0.5 - 1.5 mm  
 Diameter of the manifold exit(s)  
 d) Nombre de soupapes par cylindre 1  
 Number of valves per cylinder  
 e) Diamètre maximum des soupapes 38.7 mm  
 Maximum diameter of the valves  
 f) Diamètre de la tige de soupape 9.0 + 0 - 0.2 mm  
 Diameter of the valve stem  
 g) Longueur de la soupape 128.0 ± 1.5 mm  
 Length of the valve  
 h) Type des ressorts de soupape Coil  
 Type of valve springs  
 i) Nombre de ressorts par soupape 2  
 Number of springs per valve

329. Système anti-pollution a) ~~oui~~/non  
 Anti pollution system Yes/no  
 b) Description XXXX  
 Description

330. Système d'allumage: a) Type XXXX  
 Ignition system: Type  
 b) Nombre de bougies par cylindre XXXX  
 Number of plugs per cylinder  
 c) Nombre de distributeurs XXXX  
 Number of distributors  
 d) Nombre de bobines XXXX  
 Number of coils

332. Ventilateur de refroidissement a) Nombre 1  
 Cooling fan Number  
 b) Diamètre de l'hélice 380 mm  
 Diameter of the screw  
 c) Matériau de l'hélice Polypropylene  
 Material of the screw  
 d) Nombre de pales 7  
 Number of blades  
 e) Type de connexion Slide  
 Type of connection  
 f) Ventilateur débrayable oui/yes  
 Automatic cut in ~~yes/no~~





333. Système de lubrification: a) Type Wet sump b) Nombre de pompes à huile / Number of oil pumps 1  
Lubrification system: Type Wet sump  
c) Capacité totale / Total capacity 7.5 L  
d) Radiateur(s) d'huile / Oil radiator(s) oui/~~non~~ / yes/~~no~~ Nombre / Number 1  
e) Emplacement du/des radiateurs / Position of the radiator(s) In engine compartment

5. EQUIPEMENT ELECTRIQUE / ELECTRICAL EQUIPEMENT

501. Batterie(s): a) Nombre / Number 2  
Battery(ies): Number 2  
b) Tension / Tension 24 V c) Emplacement / Location In engine compartment

502. Génératrice(s) / Generator(s) a) Nombre / Number 1  
b) Type / Type Alternator c) Système d'entraînement / Drive system Belt

503. Phares escamotables: a) ~~oui~~/non / ~~yes~~/no b) Système de commande / Drive system xxxx

6. TRANSMISSION / DRIVE

601. Roues motrices:  avant / front  arrière / rear

602. Embrayage / Clutch a) Type / Type Dry  
b) Système de commande / Drive system Hydraulic  
c) Nombre de disques / Number of plates 1 d) Diamètre du(des) disque(s) / Diameter of the plate(s) 275 ± 2 mm

603. Boîte de vitesses: a) Emplacement / Location Attached to engine in engine compartment  
Gear-box: Location Attached to engine in engine compartment  
b) Marque «manuelle» / «Manual» make AISIN c) Marque «automatique» / «Automatic» make xxxx  
d) Emplacement de la commande / Location of the gear lever Floor





Marque  
Make TOYOTA

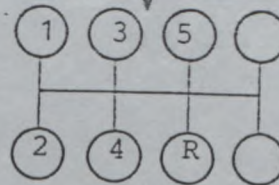
Modèle  
Model BJ74V

N° Homol. T - 1006

603. Boîte de vitesse  
Gearbox  
e) rapports  
ratios

	Manuelle / Manual			Automatique / Automatic		
	rapports ratio	nombre de dents/ number of teeth	synchro.	rapports ratio	nombre de dents/ number of teeth	synchro.
1	4.843	41/14	x			
2	2.619	38/24	x			
3	1.516	33/36	x			
4	1.000		x			
5	0.845	23/45	x			
AR/R	4.843	28/14 x41/28				
Const- tante Const- tant.	1.654	43/26				

f) Grille de vitesse  
Gear change gate



604. Surmultiplication: a) Type  
Overdrive: Type xxxx

b) Rapport  
Ratio xxxx

c) Nombre de dents  
Number of teeth xxxx

d) Utilisable avec les vitesses suivantes  
Usable with the following gears xxxx

605. Couple final:

Final drive:

a) Type du couple final  
Type of final drive

b) Rapport  
Ratio

c) Nombre de dents  
Teeth number

d) Type de limitation de  
différentiel (si prévu)  
Type of differential  
limitation (if provided)

AV / Front	AR / Rear
<u>Hypoid Gear</u>	<u>Hypoid Gear</u>
<u>4.111</u>	<u>4.111</u>
<u>37/9</u>	<u>37/9</u>
<u>Mechanical locking</u>	<u>Mechanical locking</u>





e) Rapport de la boîte de transfert High: 1.000 Teeth number 43/32 x 32/43  
 Ratio of the transfer box Low: 1.964 Teeth number 43/32 x 38/26

606. Type de l'arbre de transmission Propeller shaft with universal joints  
 Type of the transmission shaft

7. SUSPENSION / SUSPENSION

701. Type de suspension: a) AV / Front Rigid axle with leaf spring  
 Type of suspension: b) AR / rear Rigid axle with leaf spring

702. Ressorts hélicoïdaux: AV: ~~oui~~/non AR: ~~oui~~/non  
 Helicoïdal springs: Front: ~~yes~~/no Rear: ~~yes~~/no

a) Matériau  
 Material

AV / Front	AR / Rear
XXXX	XXXX

703. Ressorts à lames: AV: oui/~~non~~ AR: oui/~~non~~  
 Leaf springs: Front: yes/~~no~~ Rear: yes/~~no~~

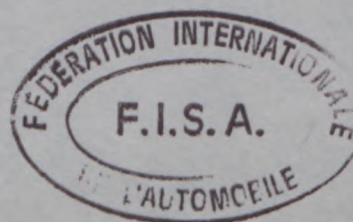
703. Ressorts à lames A = lame maîtresse / X = lame auxiliaire A = major leaf / X = auxiliary leaf  
 Leaf springs 2 = 2e lame / 3 = 3e lame / 4 = 4e lame / 5 = 5e lame 2 = 2nd leaf / 3 = 3rd leaf / 4 = 4th leaf / 5 = 5th leaf

a) Matériau  
 Material

A	2	3
Fr : Steel Rr : Steel	Fr : Steel Rr : Steel	Fr : Steel Rr : Steel

a) Matériau  
 Material

4	5	6
Fr : Steel Rr : Steel	Fr : Steel Rr : Steel	Fr : xxxx Rr : Steel





Marque TOYOTA

Modèle BJ74V

N° Homol. T-1006

704. Barre de torsion: AV: ~~oui~~/non AR: ~~oui~~/non  
 Torsion bar: Front: ~~yes~~/no Rear: ~~yes~~/no

c) Matériau  
Material

AV / Front	AR / Rear
xxxx	xxxx

705. Autre type de suspension: Voir photo/dessin en page 22  
 Other type of suspension: See photo or drawing on page 22

706. Stabilisateur : Voir photo/dessin en page 23  
 Stabilizer : See photo/drawing on page 23

a) Longueur efficace  
Effective length  
b) Diamètre efficace  
Effective diameter  
c) Matériau  
Material

AV / Front	AR / Rear
868 ±1% mm	xxxx mm
23.0 mm	xxxx mm
Steel	xxxx

707. Amortisseurs:  
Shock Absorbers:  
a) Nombre par roue  
Number per wheel  
b) Type  
Type

Avant / Front	Arrière / Rear
1	1
Telescopic	Telescopic

8. TRAIN ROULANT / RUNNING GEAR

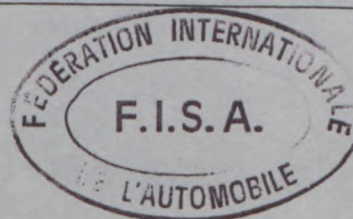
801. Roues  
Wheels

a) Diamètre  
Diameter  
b) Largeur maximale de jante  
Maximal rim width

AV / Front	AR / Rear
16 "	16 "
406 mm	406 mm
5.5 "	5.5 "
140 mm	140 mm

802. Emplacement de la roue de secours  
Location of the spare wheel

On the rear tailgate





803. Freins: a) Système de freinage Double, Hydraulic  
 Brakes: Braking system  
 b) Nombre de maître-cylindres Tandem b1) Alésage 22.2, 22.2 mm  
 Number of master cylinders Tandem Bore  
 c) Servo-frein oui/non c1) Marque et type Make: AISIN Type: Vacuum  
 Power assisted brakes yes/no Make and type  
 d) Régulateur de freinage oui/non d1) Emplacement Side frame  
 Braking adjuster yes/no Location

e) Nombre de cylindres par roue: 4  
 Number of cylinders per wheel: 4  
 e1) Alésage 42.9 / 34.0 mm  
 Bore  
 f) Freins à tambours:  
 Drum brakes:  
 f1) Diamètre intérieur XXXX mm (± 1.5 mm)  
 Interior diameter  
 f2) Nombre de mâchoires par roue. XXXX  
 Number of shoes per wheel  
 f3) Surface de freinage XXXX cm<sup>2</sup>  
 Braking surface  
 f4) Largeur des garnitures XXXX mm  
 Width of the shoes  
 g) Freins à disques:  
 Disc brakes:  
 g1) Nombres de sabots par roue 2  
 Number of pads per wheel  
 g2) Nombre d'étriers par roue 1  
 Number of calipers per wheel  
 g3) Matériau des étriers Cast-iron  
 Caliper material  
 g4) Epaisseur maximale du disque 20.0 ± 1 mm  
 Maximum disc thickness  
 g5) Diamètre extérieur du disque 302 mm (± 1.5mm)  
 Exterior diameter of the disc  
 g6) Diamètre extérieur de frottement des sabots 300 ± 1.5 mm  
 Exterior diameter of the shoe's rubbing surface  
 g7) Diamètre intérieur de frottement des sabots 195 ± 1.5 mm  
 Interior diameter of the shoe's rubbing surface  
 g8) Longueur hors-tout des sabots 106 ± 1.5 mm  
 Overall length of the shoes  
 g9) Disques ventilés oui/non  
 Ventilated disc yes/no  
 g10) Surface de freinage par roue XXXX cm<sup>2</sup>  
 Braking surface per wheel

Avant / Front	Arrière / Rear
<u>4</u>	<u>1</u>
<u>42.9 / 34.0</u> mm	<u>25.4</u> mm
<u>XXXX</u> mm (± 1.5 mm)	<u>295</u> mm (± 1.5 mm)
<u>XXXX</u>	<u>2</u>
<u>XXXX</u> cm <sup>2</sup>	<u>XXXX</u> cm <sup>2</sup>
<u>XXXX</u> mm	<u>60 ± 1</u> mm
<u>2</u>	<u>XXXX</u>
<u>1</u>	<u>XXXX</u>
<u>Cast-iron</u>	<u>XXXX</u>
<u>20.0 ± 1</u> mm	<u>XXXX</u> mm
<u>302</u> mm (± 1.5mm)	<u>XXXX</u> mm (± 1.5mm)
<u>300 ± 1.5</u> mm	<u>XXXX</u> mm
<u>195 ± 1.5</u> mm	<u>XXXX</u> mm
<u>106 ± 1.5</u> mm	<u>XXXX</u> mm
<u>oui/non</u> <u>yes/no</u>	<u>oui/non</u> <u>yes/no</u>
<u>XXXX</u> cm <sup>2</sup>	<u>XXXX</u> cm <sup>2</sup>

h) Frein de stationnement: Central tunnel between seats h1) Systeme de commande Cable  
 Parking brake: Command system  
 h2) Emplacement de la commande Central tunnel between seats h3) Effet sur roues AV AR Rear  
 Location of the lever On which wheels





804. Direction: a) Type Recirculating ball  
 Steering: Type \_\_\_\_\_  
 b) Rapport / Ratio 18.7 : 1 c) Servo-assistance / Power assisted oui/yes  
~~no~~

9. CARROSSERIE / BODYWORK

901. Intérieur: a) Ventilation oui/yes b) Chauffage / Heating oui/yes  
~~no~~ ~~no~~  
 c) Climatisation / Air conditioning oui/yes  
~~no~~

d) Sièges / Seats

d1) Type / Type

d2) Appui-tête / Headrest

d3) Poids / Weight

AR / Rear	AV / Front
<u>Bench</u>	<u>Separate</u>
<u>oui/yes</u>	<u>oui/yes</u>
<u>25.4 ± 1</u> kg	<u>Driver's seat : 14.1 ± 1</u> <u>Passenger's seat : 14.5 ± 1</u> kg

d4) Siège AR rabattable / Car rear seat be folded oui/yes  
~~no~~

e) Plaque arrière / Rear ledge oui/yes  
~~no~~

e1) Matériau / Material xxxx

f) Toit ouvrant optionnel / Sun roof optional oui/yes  
~~no~~

f1) Type / Type xxxx

f2) Système de commande / Command system xxxx

g) Système d'ouverture des vitres latérales: / Opening system for the side windows:  
 AV/Front: Manual  
 AR/Rear: Manual

902. Extérieur: a) Nombre de portes / Number of doors 2

b) Hayon AR / Rear tailgate oui/yes  
~~no~~ Steel

c) Matériau des portières: / Door material:  
 AV/Front: \_\_\_\_\_  
 AR/Rear: xxxx

d) Matériau du capot AV / Front bonnet material Steel

e) Matériau du capot/hayon AR / Rear bonnet / tailgate material Steel, Safety Glass

f) Matériau de la carrosserie / Bodywork material Steel (see page 13)





- k) Matériau des vitres latérales avant Safety Glass  
 Front side window material  
 l) Matériau du pare-choc avant Steel  
 Material of the front bumper  
 m) Matériau du pare-choc arrière Steel  
 Material of the rear bumper  
 n) Essuie-glace AR oui/yes  
 Rear wiper yes/yes

INFORMATIONS COMPLEMENTAIRES

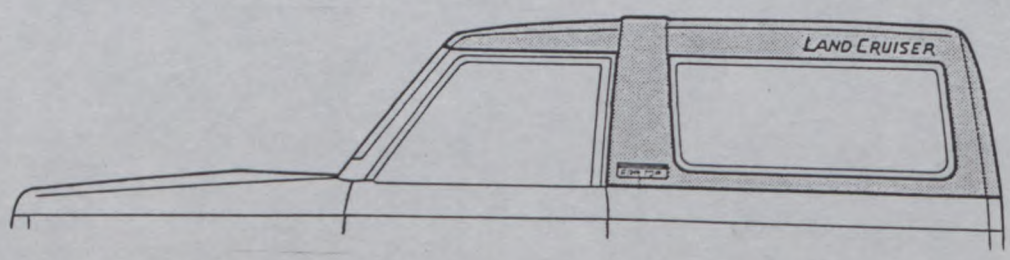
COMPLEMENTARY INFORMATION

- [1] 321(e) Angle between the axis of the inlet valve and the outlet valve : 0°  
 [2] 334(f3) Standard pressure : 0.64 BAR (MAX)  
 (f4) Measuring pressure system : Pressure on the actuator when the wastegate control rod moves (displacement 0 mm).

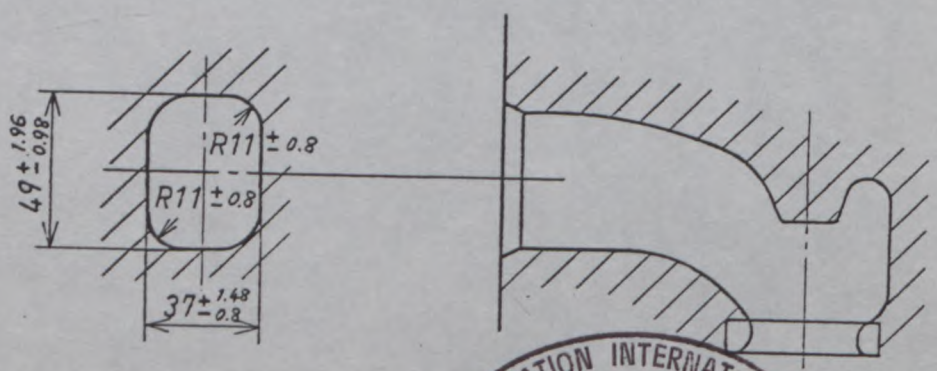
[3]

		Front & Rear	
605	(b) Ratio	3.700	4.556
	(c) Teeth number	37/10	41/9
	(d) Type of differential limitation	LSD	

- [4] 104 & 902(f) Bodywork material : Dark marked area is made of FRP.



- [4-1] Drawings  
 Engine  
 1 Cylinderhead inlet ports, manifold side  
 Drawing of No.1,2&4 ports





Marque TOYOTA      Modele BJ74V      N° Homol. T-1006  
Make TOYOTA      Model BJ74V

[5] Bodywork variant

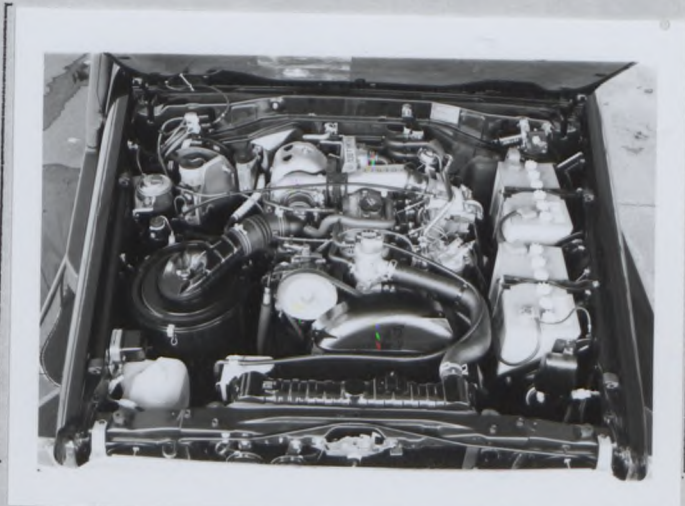
Car with snorkel type air cleaner.

Photo A



88-Nov-10-25

Photo E



88-Nov-9-14

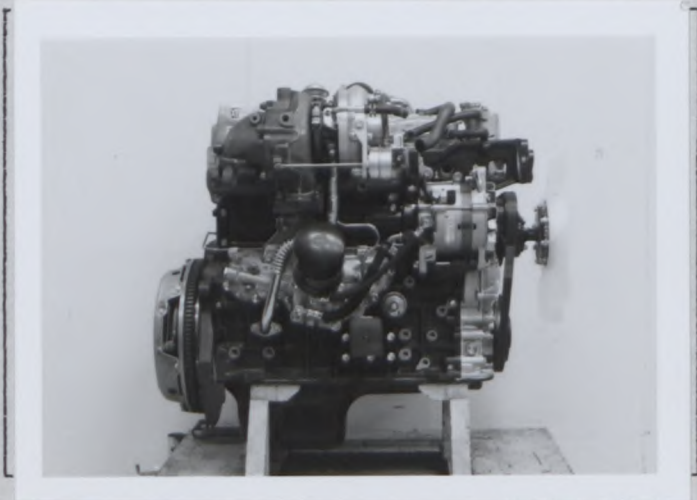




PHOTOS / PHOTOS

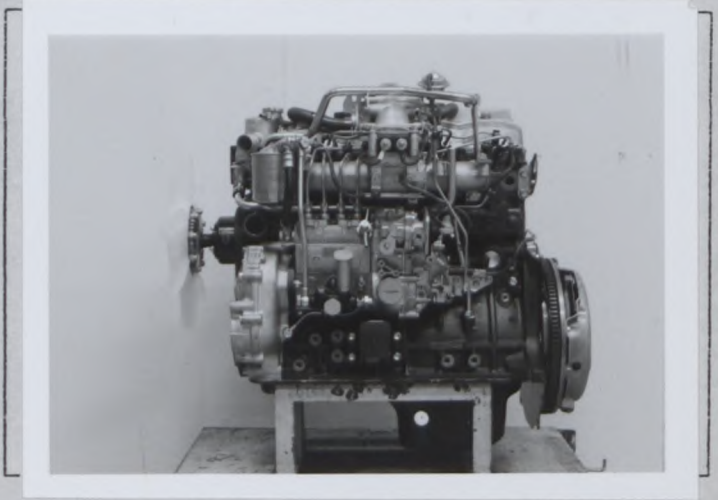
Moteur / Engine

C) Profil droit du moteur déposé  
Right hand view of dismantled engine



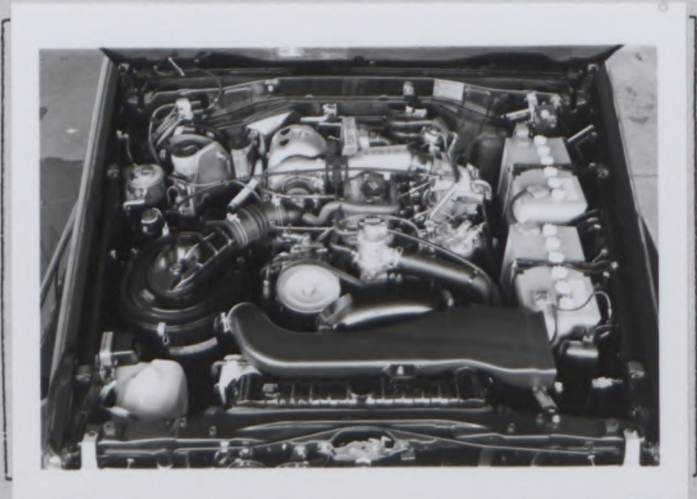
88-Nov-2-3

D) Profil gauche du moteur déposé  
Left hand view of dismantled engine



88-Nov-2-6

E) Moteur dans son compartiment  
Engine in its compartment



88-Nov-9-8

F) Culasse nue  
Bare cylinderhead



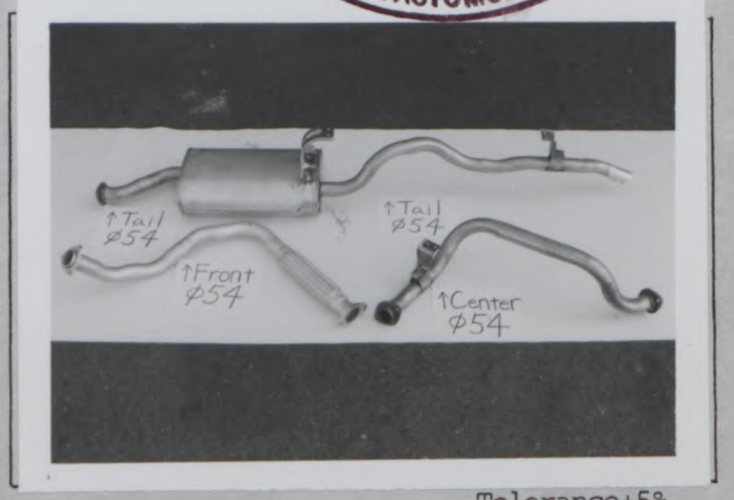
88-Nov-8-31

AA) Piston de profil  
Piston profile



88-Nov-5-34

BB) Echappement complet  
Complete exhaust system

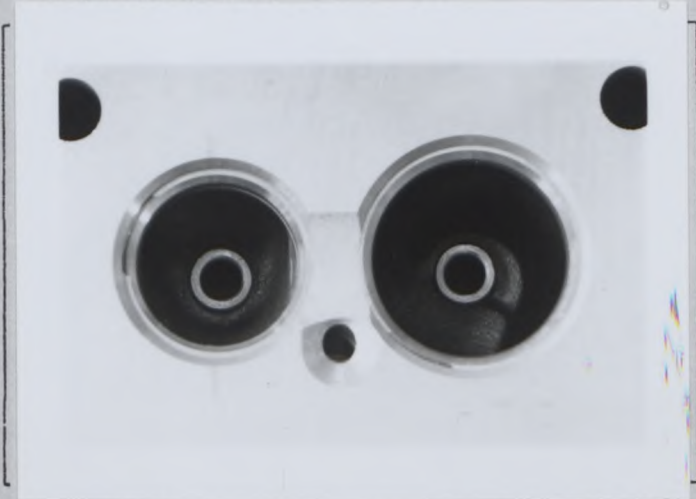


Tolerance±5%



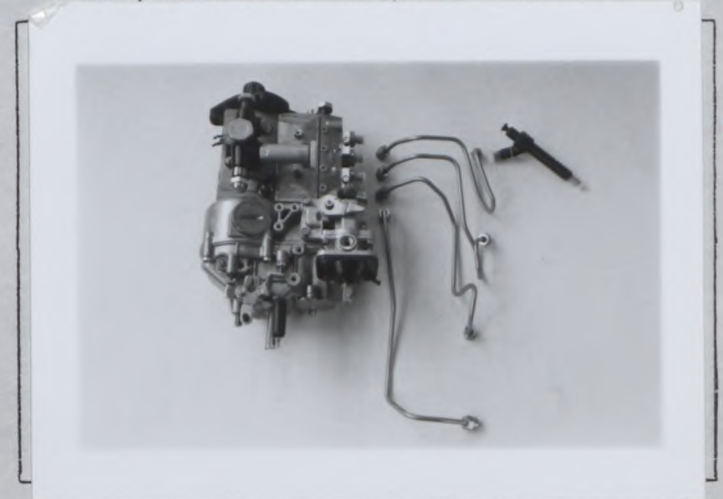


G) Chambre de combustion  
 Combustion chamber



88-Nov-5-1

H) Carburateur(s) ou système d'injection  
 Carburetor(s) or injection system



88-Nov-5-5

I) Collecteur d'admission  
 Inlet manifold



Transmission / Transmission

88-Nov-5-19

J) Collecteur d'échappement  
 Exhaust manifold



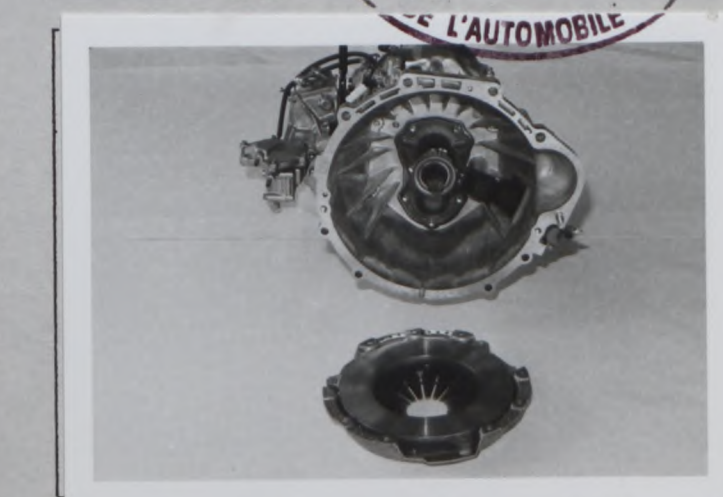
88-Nov-5-30

S) Carter de boîte de vitesse et cloche d'embrayage  
 Gearbox casing and clutch bellhousing



88-Nov-4-2

CC) Embrayage  
 clutch



88-Nov-4-8





Suspension / Suspension

T) Train avant complet déposé

Complete dismantled front running gear



88-Nov-3-8

U) Train arrière complet déposé

Complete dismantled rear running gear



88-Nov-3-3

Train roulant / Running gear

V) Freins avant  
Front brakes



88-Nov-3-14

W) Freins arrière  
Rear brakes



88-Nov-3-6

EE) Roue de secours dans son emplacement  
Spare wheel in its location



88-Nov-8-8





Marque

Make TOYOTA

Modele

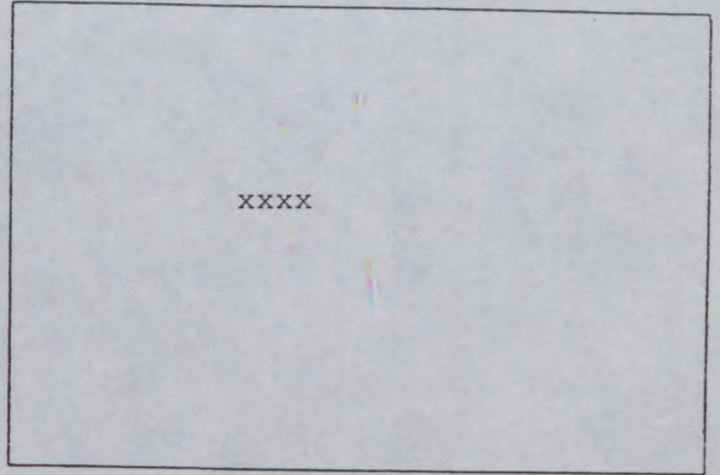
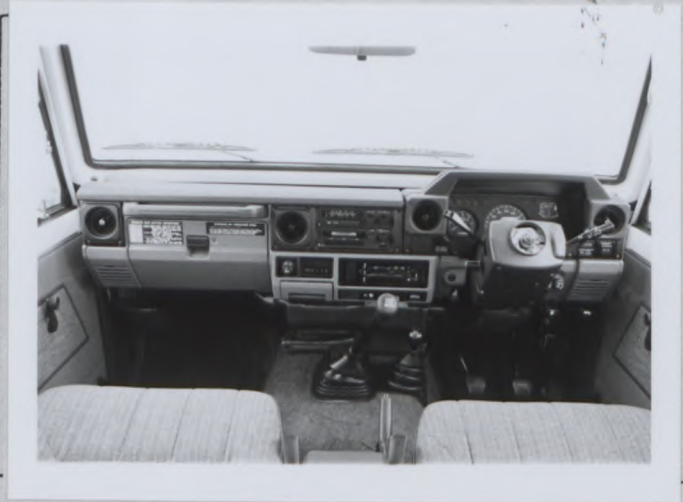
Model: BJ74V

N° Homol. T-1006

Carrosserie / Bodywork

X) Tableau de bord  
Dashboard

Y) Toit ouvrant  
Sunroof



88-Nov-9-29





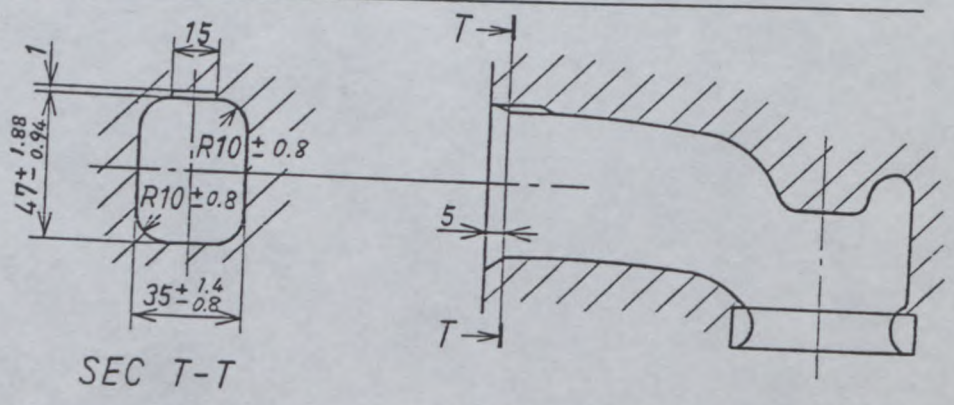
DESSINS / DRAWINGS

Moteur / Engine

I Orifices d'admission de la culasse, face collecteur  
 Cylinderhead inlet ports, manifold side

Cylinderhead inlet ports, manifold side

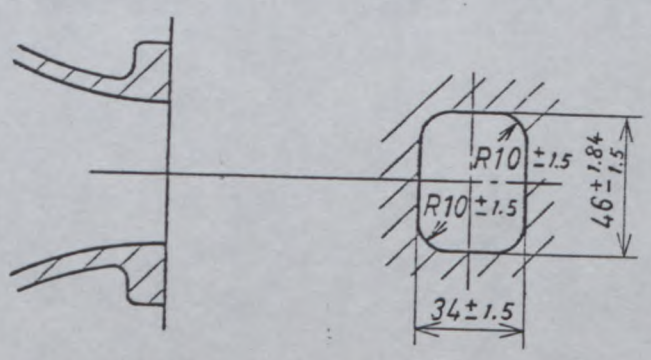
This shows No.3 port.  
 Others show on complementary information. (see Page 13)



SEC T-T

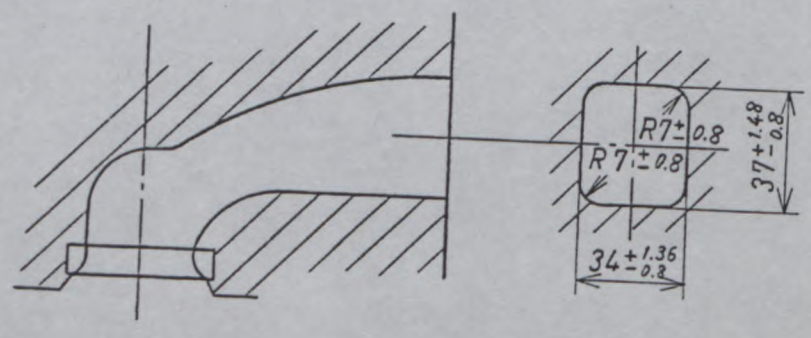
II Orifices du collecteur d'admission, côté culasse  
 Inlet manifold ports, cylinderhead side

Inlet manifold ports, cylinderhead side



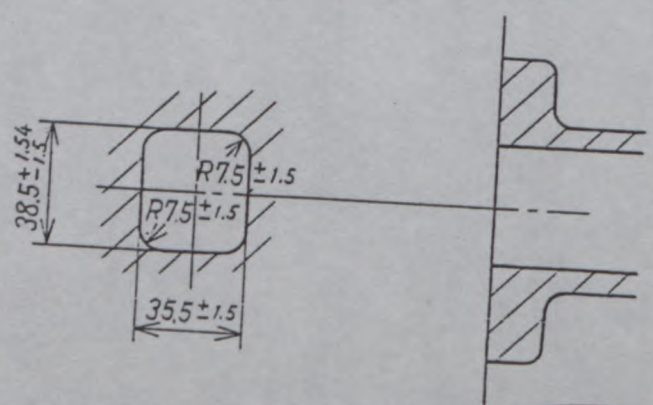
III Orifices d'échappement de la culasse, face collecteur  
 Cylinderhead exhaust ports, manifold side

Cylinderhead exhaust ports, manifold side



IV Orifices du collecteur d'échappement, côté culasse  
 Exhaust manifold ports, cylinderhead side

Exhaust manifold ports, cylinderhead side





Marque  
Make

TOYOTA

Modèle  
Model

BJ74V

N° Homol.

T-1006

Suspension / Suspension

XV Système de suspension, selon l'article 705 ou en remplacement des photos O et P.  
Suspension system according to article 705 or replacing photos O and P.

XXXX

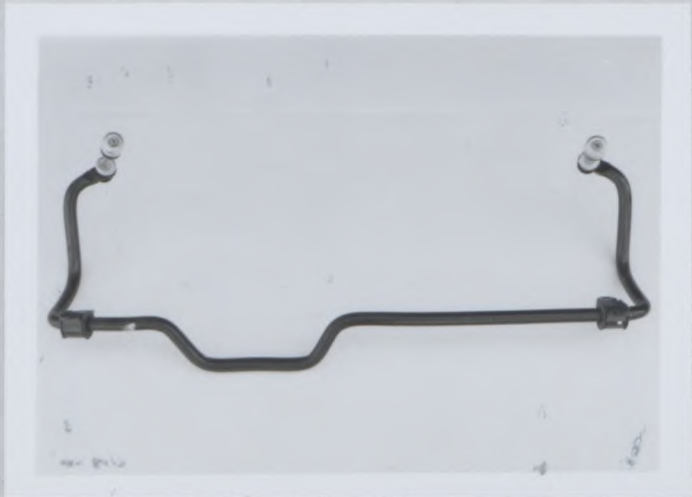




Marque TOYOTA Modèle BJ74V N° Homol. T - 1006  
Make \_\_\_\_\_ Model \_\_\_\_\_

Suspension / Suspension

XVI Stabilisateur Selon article 706  
Stabilizer According to article 706



88-Nov-3-11







# FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation N°

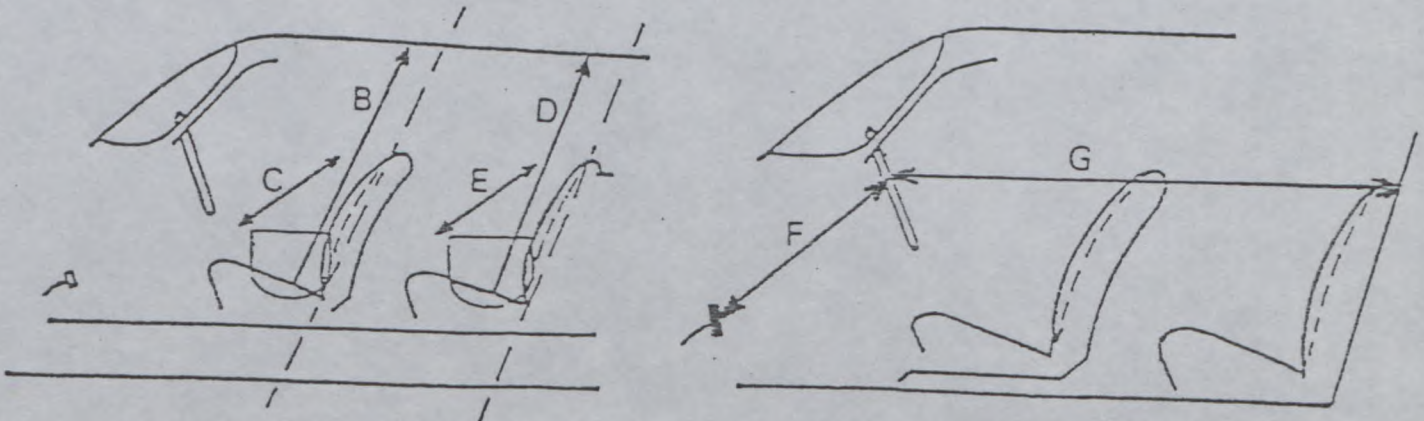
**T - 1006**

Groupe Tout-Terrain  
Group Group

Marque Make TOYOTA MOTOR CORPORATION

Modèle Model TOYOTA LAND CRUISER (BJ74V)

Dimensions intérieures comme définies par le Règlement d'Homologation  
Interior dimensions as defined by the Homologation Regulations.



B (Hauteur sur sièges avant) (Height above front seats)	1100	mm
C (Largeur aux sièges avant) (Width at front seats)	1300	mm
D (Hauteur sur sièges arrière) (Height above rear seats)	1112	mm
E (Largeur aux sièges arrière) (Width at rear seats)	1300	mm
F (Volant - Pédale de frein) (Steering wheel - brake pedal)	637	mm
G (Volant - paroi de separation arrière) (Steering wheel - rear bulkhead)	1482	mm
H = F+G =	2119	mm







FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE  
JAPAN AUTOMOBILE FEDERATION

FISA Homologation No

**T-1006**



社団法人 日本自動車連盟

JAF公認番号

**FT-016**

Group ~~A~~ / ~~B~~  
グループ

JAF公認グループ

**T**

JAF発効年月日

ADDITIONAL HOMOLOGATION FORM FOR TURBO CHARGED ENGINES

ターボチャージャーエンジンの追加公認書

Vehicle: Manufacturer TOYOTA MOTOR CORPORATION Model and type TOYOTA LAND CRUISER(BJ74V)  
車両: 製造者 型式とモデル

Homologation valid as from 01 JAN. 1989 in group T  
有効年月日 グループ

334. Turbocharging ターボチャージャー a) Make and type of the turbocharger MAKE:TOYOTA TYPE:CT26  
ターボチャージャーの製造者と型式

b) Turbine housing: タービンハウジング b1) Number of exhaust gas entries 1  
排気ガスのタービン入口穴数

b2) Material CAST-IRON  
材質

c) Turbine wheel: タービンホイール c1) Material NI-ALLOY  
材質

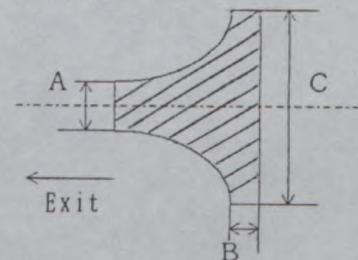
c2) Number of blades 10 c3) Height(s) of blade 27.5 ± 0.3 mm  
翼の数 翼の高さ

c4) Indicate the dimensions A, B, C, according to the following sketch:  
下図に従い、寸法A, B, Cを記載

A = 52.0 ± 0.1 mm

B = 11.5 +0.4 -0.2 mm

C = 68.0 +0 -0.6 mm



d) Impeller housing: インペラーハウジング d1) Number of air entries (gas) 1  
空気取入口穴数

d2) Material ALUMINUM ALLOY  
材質

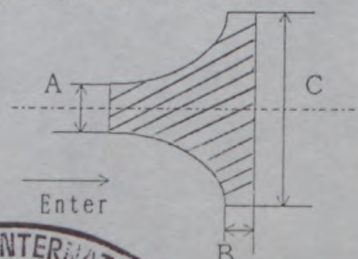
e) Impeller wheel: インペラーホイール e2) Number of blades 10 e3) Height(s) of blade 21.0 ± 0.8 mm  
翼の数 翼の高さ

e4) Indicate the dimensions A, B, C, according to the following sketch:  
下図に従い、寸法A, B, Cを記載

A = 42.1 +0.1 -0.15mm

B = 4.7 ± 0.65mm

C = 65.0 +0.15 -0.30mm





Make  
会社名 TOYOTA

Model  
型式 BJ74V

Homologation No T-1006

f) Pressure regulation:  
過給圧の調整

f1) Type of pressure adjustment:  
過給圧調整装置の形式  by-pass バイパス  relief valve リリーフバルブ  other case 他の方式

f2) Indicate the type of the valve and its control SWING VALVE  
バルブの形式と制御方法

g) Exhaust system:  
排気システム

Internal dimensions of the eventual exhaust pipes between exhaust manifold and turbocharger  
(sketch)  
エキゾーストマニホールドとターボチャージャーの間の排気管の内部寸法 (図)

××××

h) Cooling of intake air: ~~yes~~/no

h1) Intercooler: ~~yes~~/no  
position of the assembly: ××××  
Inlet diameter: ××××  
Outlet diameter: ××××

h2) Exchanger: ~~yes~~/no  
position of the assembly: ××××

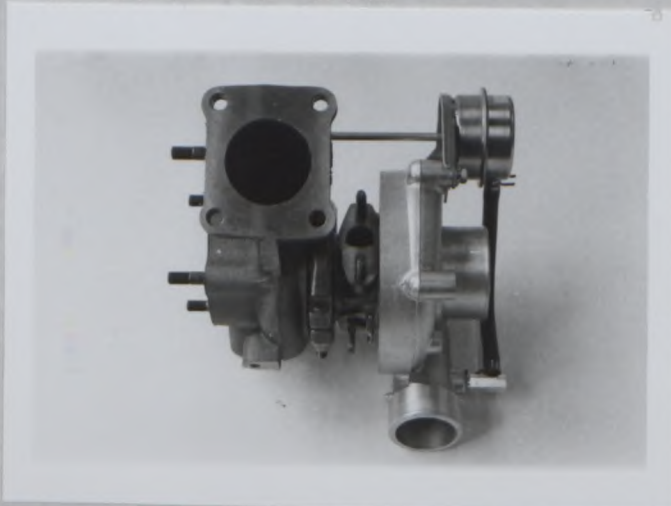
h3) Cooling of the turbo by water: yes/~~no~~

h4) Water injection: ~~yes~~/no

## PHOTOS

写真

K) Plan view of turbocharger  
ターボチャージャーの平面



88-Nov-7-19

L) Front view of turbocharger  
ターボチャージャーの正面

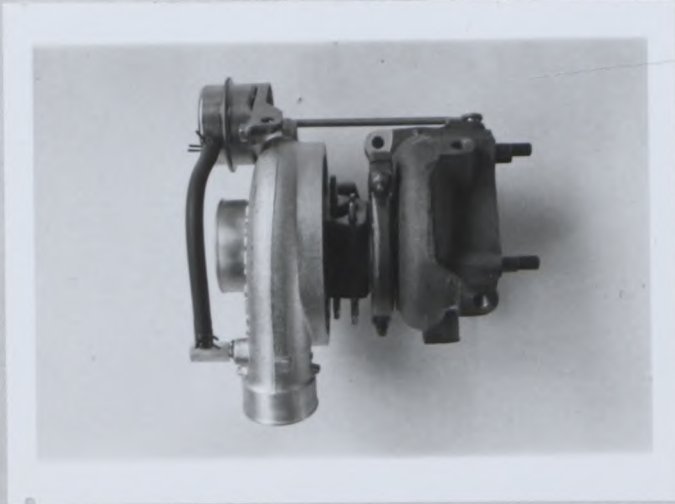


88-Nov-7-23





M) Side view of turbocharger  
ターボチャージャーの側面



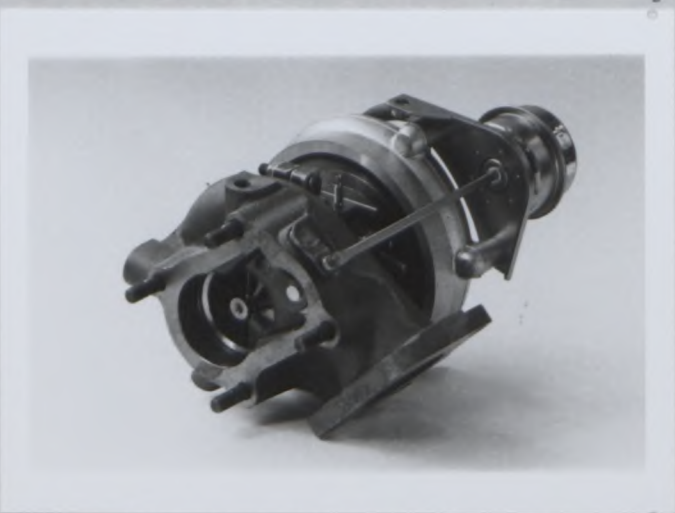
88-NOV-7-27

N) Turbine housing of turbocharger  
ターボチャージャーのタービンハウジング



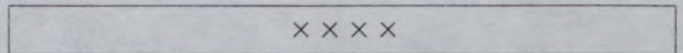
88-NOV-6-18

O) Valve and by-pass installation of turbocharger  
過給圧調整装置



88-NOV-7-34

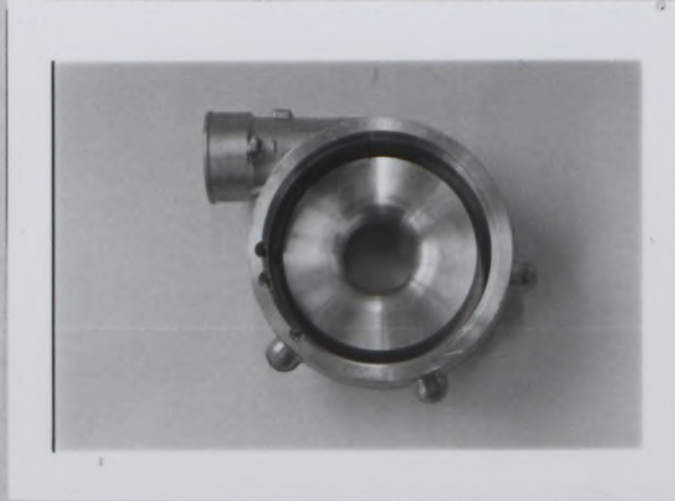
P) Eventual exhaust pipes between the exhaust manifold and the turbocharger  
エキゾーストマニホールドとターボチャージャーの間の排気管



h1) Intercooler

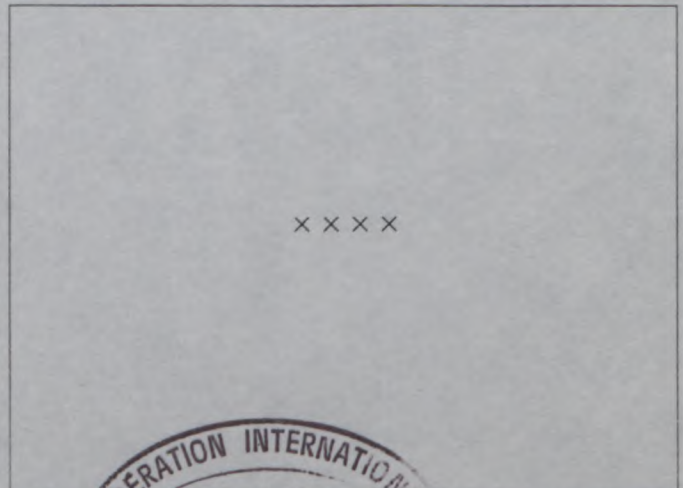


Q) Impeller housing of turbocharger  
ターボチャージャーのインペラーハウジング



88-NOV-6-25

h2) Vehicle installation of intercooler

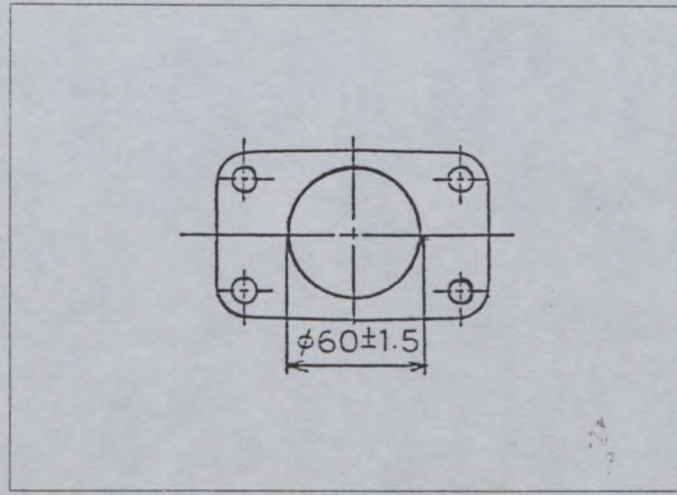




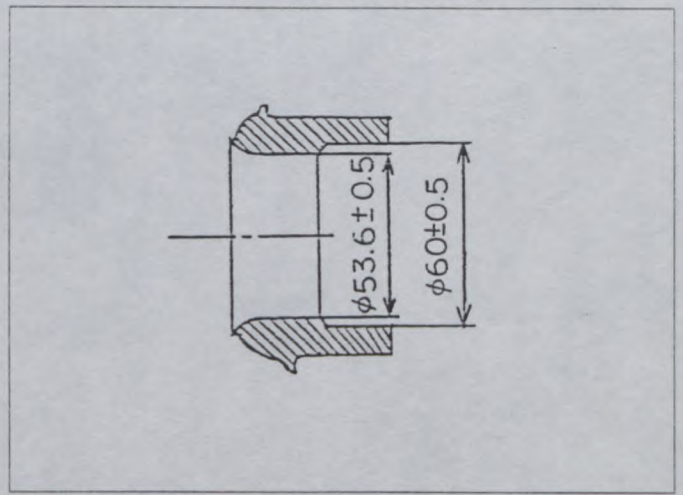
# DRAWINGS

図面

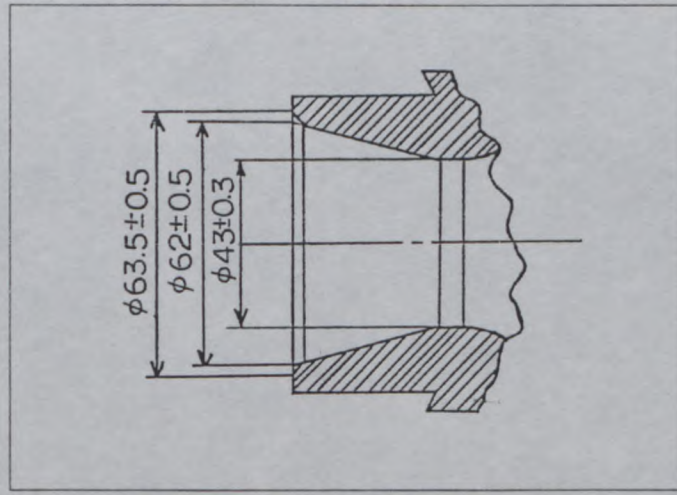
V) Exhaust gas entry in the turbine housing of turbocharger  
タービンハウジングの排気ガス入口



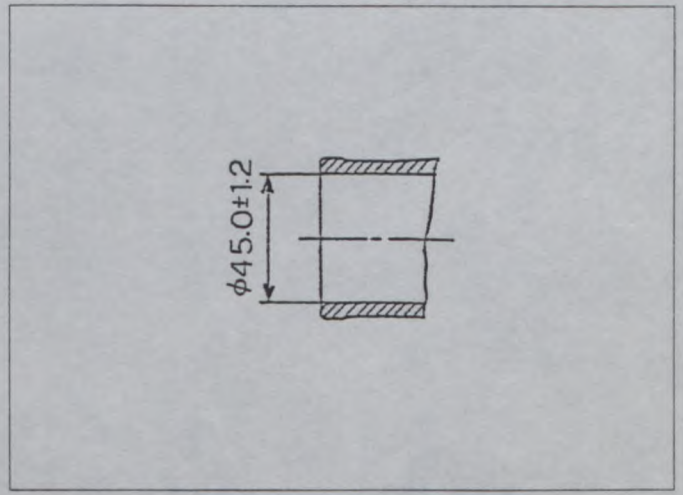
VI) Exhaust gas exit of the turbine housing of turbocharger  
タービンハウジングの排気ガス出口



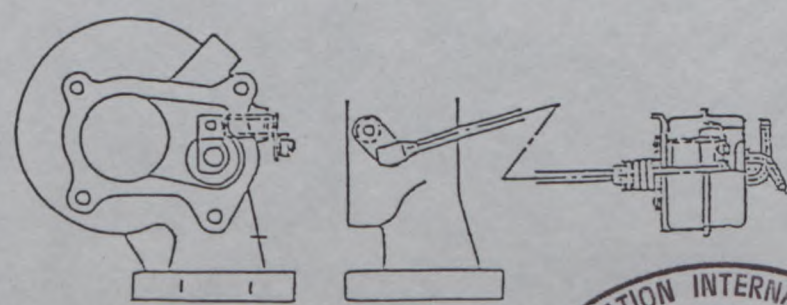
VII) Air (gas) entry in the impeller housing of the turbocharger  
インペラーハウジングの空気取入口



VIII) Air (gas) exit of the impeller housing of the turbocharger  
インペラーハウジングの空気出口



IX) Device regulating the turbocharging pressure  
過給圧調整装置







FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE  
JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION

F I S A 公認追加書式

Homologation No

T-1006

Extension No

01/01VO

J A F 公認番号 FT-016VO-1/1

J A F 発行年月日 1989年 11月30日

VO Option variant / オプション変型

Homologation valid as from F I S A 発行年月日 01 JAN. 1990

in group F I S A 公認グループ T

Manufacturer of the car 車両製造者 TOYOTA MOTOR CORPORATION Model and type 形式とモデル TOYOTA LAND CRUISER (BJ74V)

~~ROLLBAR~~ / ROLL CAGE

~~ロールバー~~ / ロールケージ

Main rollbar  
主ロールバー

Longitudinal / diagonal strut  
前後 / 斜ストラット

Front rollbar  
前ロールバー

Rollbar manufacturer  
ロールバー製造者 TOYOTA MOTOR CORPORATION

Material  
材質 STEEL (STKM13A-SH) STEEL (STKM13A-SH) / STEEL (STKM13A-SH) STEEL (STKM13A-SH)

Exterior diameter  
外径 42.7 mm 42.7 mm / 42.7 mm 42.7 mm

Wall thickness  
肉厚 2.6 mm 2.6 mm / 2.6 mm 2.6 mm

Elastic limit  
弾性限度 22 kg/mm<sup>2</sup> 22 kg/mm<sup>2</sup> / 22 kg/mm<sup>2</sup> 22 kg/mm<sup>2</sup>

Tensile strength  
引張強度 38 kg/mm<sup>2</sup> 38 kg/mm<sup>2</sup> / 38 kg/mm<sup>2</sup> 38 kg/mm<sup>2</sup>

Total weight including fixings  
取付金具を含む総重量 51 kg

~~Complete rollbar~~ / rollcage outside the car  
~~完成したロールバー~~ / 車から外したロールケージ



We certify that the present ~~rollbar~~ / rollcage complies with the conditions of the FIA Appendix J, in particular with regard to its attachments, its connections and its stress resistances.

上記 ~~ロールバー~~ / ロールケージは、特に取付け部分、継ぎ手、強度に関し、FIA国際スポーツ法典付則J項の条件に準拠していることを証明いたします。

Signature of the car manufacturer representative.  
車両製造代表者の署名



KIROKU SHIMURA

GIROKU SHIMURA  
GENERAL MANAGER





Make 会社名 TOYOTA Model 型式 BJ74V Homologation No T-1006

PHOTOS OR DRAWINGS OF THE ATTACHMENTS ON THE BODY:  
車体取付部の写真または図解

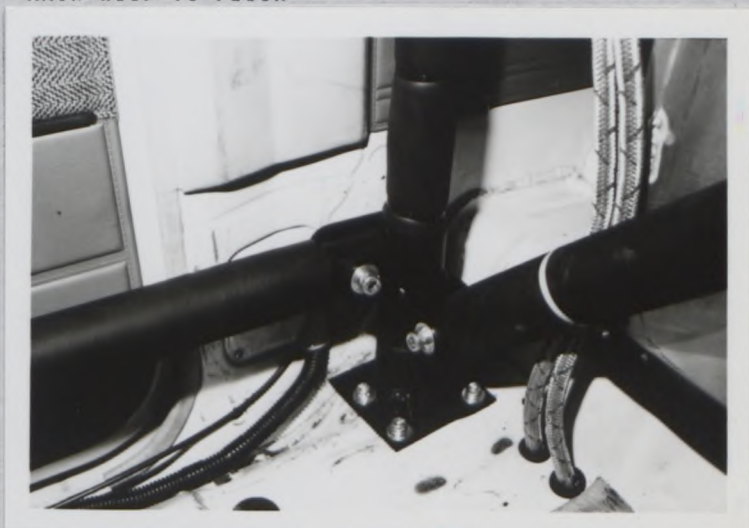
No Ext. 01/01V0

FRONT HOOP TO FLOOR



89-Nov-1

MAIN HOOP TO FLOOR

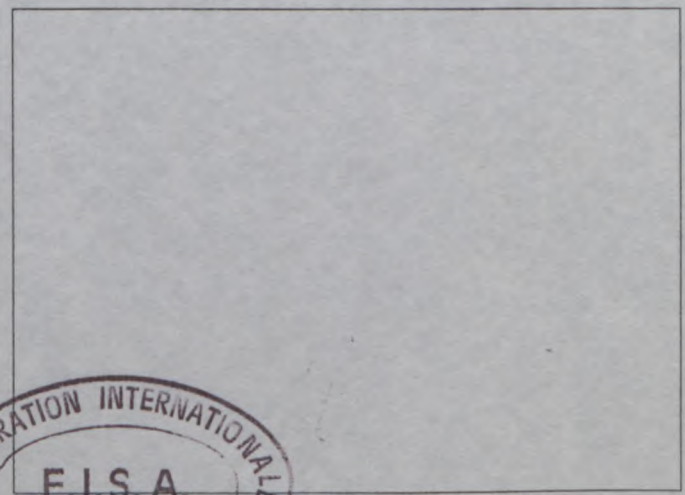
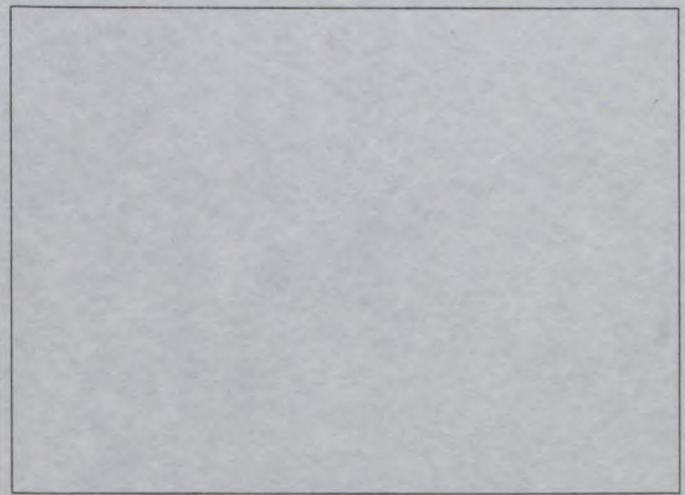


89-Nov-1

REAR SUPPORT TO FLOOR



89-Nov-1







FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE  
JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

FISA Homologation No

T-1006

Extension No

02/02V0

JAF公認番号 FT-016V0-2/2

発効年月日 1990年8月31日

FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION  
F I S A 公認追加書式

- E S Sporting evolution of the type / スポーツ進化
- E T Normal evolution of the type / 形式の正常進化
- V F Supply variant / 供給変型
- V O Option variant / オプション変型
- E R Erratum / 誤記訂正

Homologation valid as from  
公認発行日

01 OCT. 1990

in group  
FISAグループ

T

Manufacturer  
製造者

TOYOTA MOTOR CORPORATION

Model and type  
型式と形式

TOYOTA LAND CRUISER(BJ74V)

Page or ext. ページまたは補足	Art. 項目	Description 記述
10	801	<p><u>WHEELS</u></p> <p>(a) DIAMETER : FRONT &amp; REAR ; 15", 381mm</p> <p>(b) MAXIMUM RIM WIDTH: FRONT &amp; REAR ; 6", 152mm</p>







FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE  
JAPAN AUTOMOBILE FEDERATION

社団法人 日本自動車連盟

FT-016VO- 2/2  
1990年 8月31日

PRODUCTION CERTIFICATE  
生産証明書

Manufacturer  
製造者 TOYOTA MOTOR CORPORATION

Date  
年月日 AUGUST 2, 1990

Car Model  
型式 BJ74V  
TOYOTA LAND CRUISER

Type or  
commercial designation  
タイプまたは通称名 TOYOTA LAND CRUISER

Homologation No.  
車両公認 No. T-1006

Nature of the extension  
追加公認の種類 02/02VO

Month/year 月/年		Number 生産数
1	Oct. 1988	197
2	Nov. 1988	75
3	Dec. 1988	71
4	Jan. 1989	108
5	Feb. 1989	136
6	Mar. 1989	117
7	Apr. 1989	75
8	May 1989	64
9	June 1989	60
10	July 1989	39
11	Aug. 1989	55
12	Sep. 1989	71
TOTAL		1068

I hereby certify that the production indicated opposite concerns cars which are entirely completed, identical and in conformity with the recognition form submitted for the said model.

右に記載された生産は、完全に完成され、また同一型式車両であり、当該型式について提出された公認書に完全に一致していることをここに証明いたします。

Signature  
署名   
TOSHIO FUKUI

Position  
所属役職 PROJECT GENERAL MANAGER  
MOTOR SPORTS DIVISION

Remarks:  
注  
Car with 15inch wheel







FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE  
JAPAN AUTOMOBILE FEDERATION



社団法人 日本自動車連盟

PRODUCTION CERTIFICATE  
生産証明書

Manufacturer  
製造者 TOYOTA MOTOR CORPORATION

Date  
年月日 OCTOBER 10, 1988

Car Model  
型式 BJ74V  
TOYOTA LAND CRUISER

Type or  
commercial designation  
タイプまたは通称名 TOYOTA LAND CRUISER

Homologation No.  
車両公認 No. T - 1006

Nature of the extension  
追加公認の種類 -1006

Month/year 月/年		Number 生産数
1	Jan. 1988	1 0 0
2	Feb. 1988	1 6 3
3	Mar. 1988	1 7 7
4	Apr. 1988	1 2 3
5	May 1988	1 2 5
6	Jun. 1988	1 7 3
7	Jul. 1988	7 3
8	Aug. 1988	1 0 6
9	Sep. 1988	3 1 2
10		
11		
12		
TOTAL		1 3 5 2

I hereby certify that the production indicated  
opposite concerns cars which are entirely  
completed, identical and in conformity with the  
recognition form submitted for the said model.

右に記載された生産は、完全に完成され、また同一  
型式車両であり、当該型式について提出された公認  
書に完全に一致していることをここに証明いたします。

Signature  
署名 Kiroku Shimura  
KIROKU SHIMURA

Position  
所属役職 ASSISTANT GENERAL MANAGER  
TECHNICAL ADMINISTRATION DEPARTMENT

Remarks:  
注

