

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

FUJI HEAVY INDUSTRIES PTY LTD

102. Commercial name(s) - Model and type

TOYOTA 86 GT 2018

103. Engine capacity

1998 cm³

Corrected engine capacity

86 x 86 = 1998 cm³

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

STEEL

106. Number of seats

4

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1218 kg

202. Overall length

4240 mm ± 1%

203. Maximum overall width

1775 mm ± 1% Where measured At Front Axle or Mirror Tip To Mirror Tip **1980**

204. Width of bodywork

a) At front axle

1775 mm ± 1%

b) At rear axle

1755 mm ± 1%

206. Wheelbase **2,570** mm ± 1%

207. Maximum track

a) Front **1520** mm

b) Rear **1540** mm

3. ENGINE

(In case of rotary engine, see Art. 335 on additional form)

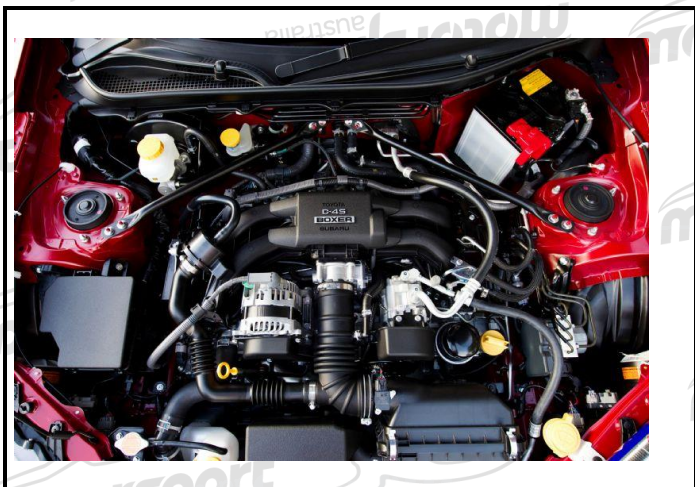
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301. Location and position of the engine FRONT NORTH SOUTH

302. Number of mounts 2

Engine in its compartment



304. Supercharging

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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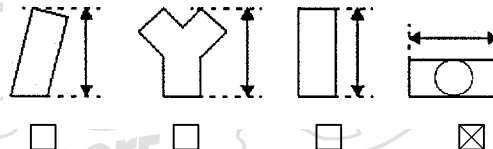
Maximum manifold pressure N/A

Type and number of compressors N/A

305. Number and layout of cylinders 4 HORIZONTAL

312. Cylinder block material Aluminium Alloy

310. Maximum compression ratio 12.5 : 1



313. Sleeves

a) yes no

b) Material CAST IRON

c) wet dry

314. Bore 86 +/- 0.1 mm

316. Stroke 86 +/- 0.1 mm

321. Cylinderhead

a) Number 2 b) Material ALLOY

324. Fuel feed by injection : a) Make TOYOTA

b) Model 86 GTS

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft

a) Number 4 b) Location CYLINDER HEAD
 c) Drive system CHAIN f) Type of valve operation DOHC

327. Intake

a) Material of manifold PLASTIC
 b) Number of manifold elements ONE c) Number of valves per cylinder 2

328. Exhaust

a) Material of manifold STAINLESS STEEL



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- b) Number of manifold elements ONE d) Number of valves per cylinder 2
 p) External Diameter of exhaust pipe between manifold and first silencer _____ mm ± 5%

330. Ignition system

- a) Type ELECTRONIC b) Number of plugs per cylinder 1
 c) Number of distributors N/A – ECU CONTROLLED d) Number of coils FOUR

331. Cooling system

Capacity 7.2 L

332. Cooling fan

- a) Number TWO b) Diameter of the fan _____ mm
 c) Material of the fan _____ d) Number of blades _____
 e) Type of drive ELECTRIC MOTOR f) Automatic cut in

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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333. Lubrication system

- a) Type TROCHOID ROTOR PUMP b) Number of oil pumps ONE
 c) Total capacity 5.4LT WITH FILTER L
 e) Location of the cooler(s) N/A f) Type of the cooler(s) NA

4. FUEL CIRCUIT

401. Fuel tank

- b) Location MID
 d) Total capacity 50 L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Elelectrical	<input checked="" type="checkbox"/> Mechanical
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 b) Number TWO

- d) Location ELECTRICAL – TOP OF TANK PASSENGER SIDE.
 MECHANICAL – PASSENGER SIDE CYLINDER HEAD

Fuel Pressure ELECTRICAL – 350 TO 500KPA. MECHANICAL FOR D4S – 4 TO 20 MPA

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number 1 b) Type _____
 c) Drive system BELT d) Nominal power 130 Amp

503. Retractable headlights

- a)

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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 b) Control system _____

6. POWER TRAIN

601. Driven wheels

- front

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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 rear

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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602. Clutch

- a) Type DRY SINGLE PLATE DIAGHRAGM
 b) Control system HYDRAULIC

603. Gearbox

- a) Location FR – BEHIND ENGINE b) Make TL701VD90A



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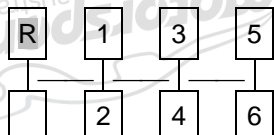
c) Type and location of control

FLOOR MOUNTED SHIFTER

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	3.626	_____	_____
2	_____	2.188	_____	_____
3	_____	1.541	_____	_____
4	_____	1.213	_____	_____
5	_____	1	_____	_____
6	_____	0.767	_____	_____
R	_____	3.437	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate



604. Transfer box / Centre differential

a) Ratios

N/A

c) Control system of transfer box

N/A

d) Type of central differential

N/A

605. Final drive

a) Type of final drive

N/A

b) Ratio

N/A

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

N/A

606. Shafts

a) Type of longitudinal shafts

3 JOINT (CUP TYPE)

b) Material of longitudinal shafts

STEEL

c) Type of transversal half-shafts

N/A

d) Material of transversal half-shafts

N/A

7. SUSPENSION

701. General

a) Type of suspension

	Front	Rear
	MACPHERSON STRUT	DOUBLE WISHBONE

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702. Helical springs

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
HIGH TENSILE STEEL		HIGH TENSILE STEEL	
<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
_____		_____	
<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
_____		_____	

a) Material

703. Leaf springs

a) Material

704. Torsion bars

a) Material

705. Other type of suspension

See description on additional form

706. Stabiliser

b) Effective diameter

c) Material

Front	Rear
18 mm	14 mm
STEEL	STEEL

707. Suspension Dampers

a) Number per wheel

b) Type

c) Principle of operation

Front	Rear
1	1
GAS/OIL	GAS/OIL
_____	_____

8. WHEELS

801. Wheels

a) Diameter

b) Width

c) Offset

Front	Rear
17"	17"
7"	7"
+48 mm	+48 mm



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803. Brakes

a) Braking system
Floating 1cylinder

FRONT = VENTILATED DISC FLOATING 2CYLINDER / REAR = Ventilated Disc

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type **SINGLE 10.5 INCH HITACHI**

	Front	Rear
e) Number of cylinders per wheel	<u>TWO</u>	<u>ONE</u>
f) Drum brakes		
f1) Internal diameter	<u>NA</u>	<u>NA</u>
f2) Number of linings per wheel	<u>NA</u>	<u>NA</u>
g) Disc brakes		
g1) Number of pads per wheel	<u>TWO</u>	<u>TWO</u>
g2) Number of calipers per wheel	<u>ONE</u>	<u>ONE</u>
g3) Caliper material	<u>ALUMINIUM</u>	<u>ALUMINIUM</u>
g4) Thickness of new disc	<u>24 ± 1 mm</u>	<u>18 ± 1 mm</u>
g5) External diameter of the disc	<u>294 ± 1.5 mm</u>	<u>290 ± 1.5 mm</u>
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

h) Parking brake: h1) Control system **DUO SERVO DRUM IN REAR DISC**

h2) Location of lever **HAND OPERATED - LEVER TYPE**

Front Rear

804. Steering

a) Type

Front		Rear	
<u>RACK AND PINNION</u>		<u>N/A</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<u>ELECTRIC</u>		<u>N/A</u>	

b) Servo-assistance

Type of Assistance

9. BODYWORK

901. Interior

a) Ventilation

yes no

c) Air Conditioning

yes no

b) Heating

yes no

f) Optional sun roof

yes no

f1) Type

N/A

f2) Control system

g) Opening system for side windows

Front	Rear
<u>ELECTRIC</u>	<u>FIXED</u>



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X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors 2

b) Tailgate

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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Front	Rear
<u>ANTI CORROSION SHEET</u> <u>STEEL</u>	<u>ANTI CORROSION SHEET</u> <u>STEEL</u>

c) Door material

d) Front bonnet material

STEEL

ALUMINIUM

e) Rear bootlid / tailgate material

ANTI CORROSION SHEET

f) Bodywork material

ANTI CORROSION SHEET STEEL

h) Rear window material

i) Rear quarter window material

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

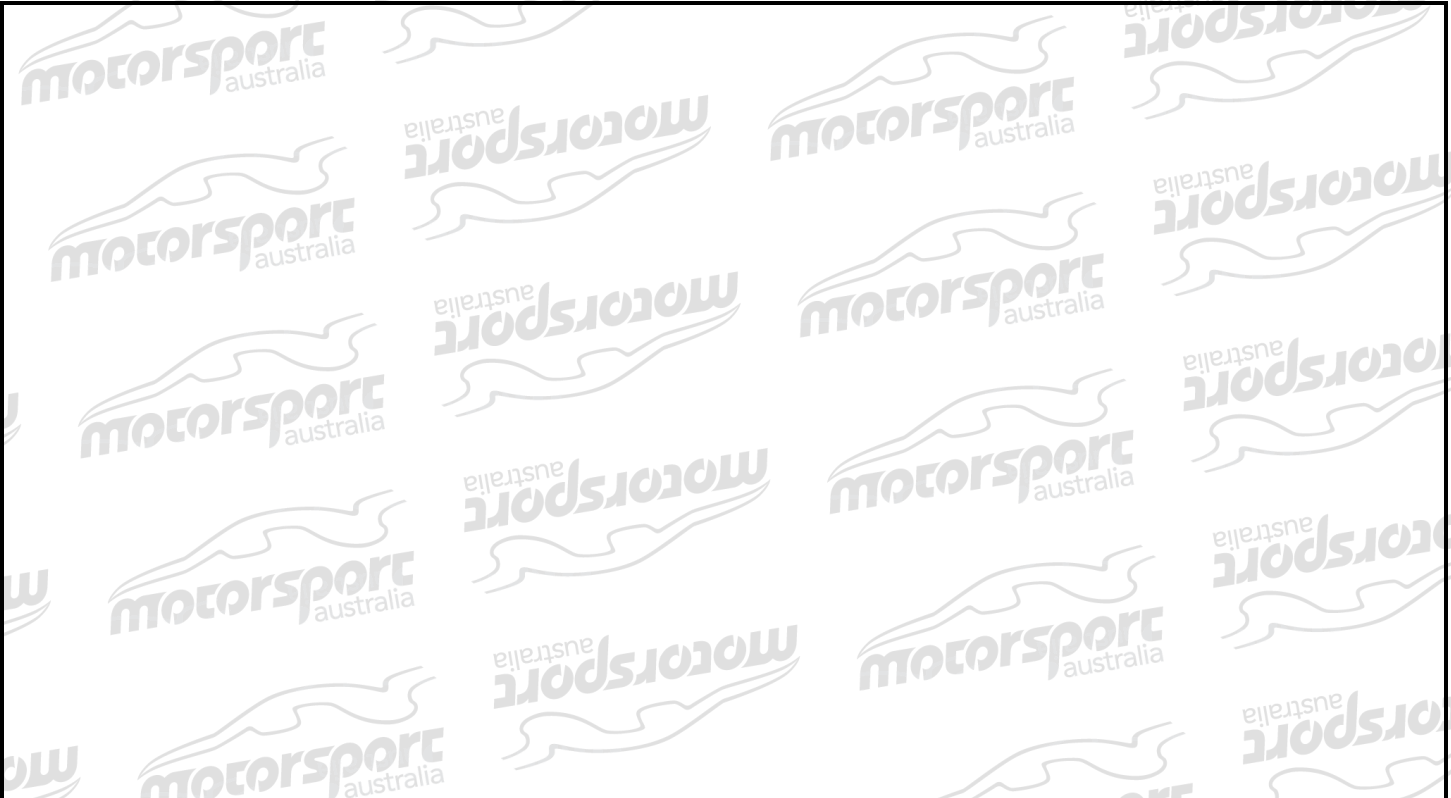
Front	Rear
<u>PLASTIC</u>	<u>PLASTIC</u>

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material



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COMPLEMENTARY INFORMATION**Engine in its compartment**

Red Alluminium intake variant is permitted.

