

Group 3E HOMOLOGATION FORM

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer **TOYOTA**
102. Commercial name(s) - Model and type **YARIS YRX**
103. Engine capacity **1497** cm³ Corrected engine capacity **1497 x 1 = 1497** cm³
104. Type of car construction
- | | | |
|---------|---|---|
| a) Type | <input type="checkbox"/> separate chassis | <input checked="" type="checkbox"/> monocoque |
|---------|---|---|
- b) Material of chassis / bodyshell **STEEL**

106. Number of seats **5**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **1094** kg
202. Overall length **3785** mm ± 1 %
203. Maximum overall width **1695** mm ± 1 % Where measured _____
204. Width of bodywork
- | | |
|------------------|----------------|
| a) At front axle | _____ mm ± 1 % |
| b) At rear axle | _____ mm ± 1 % |
206. Wheelbase **2460** mm ± 1%
207. Maximum track
- | | |
|-------------------------|------------------------|
| a) Front 1470 mm | b) Rear 1460 mm |
|-------------------------|------------------------|

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Model Yaris YRX

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

301. Location and position of the engine **FRONT TRANSVERSE**

302. Number of mounts _____

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

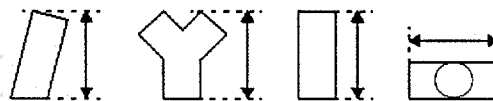
4 IN LINE

312. Cylinder block material

ALUMINIUM

310. Maximum compression ratio

10.5 : 1



<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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313. Sleeves

a) <input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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b) Material **CAST IRON**

c) <input type="checkbox"/> wet	<input type="checkbox"/> dry
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314. Bore

75.0 +/- 0.1 mm

316. Stroke

84.7 +/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material

ALUMINIUM

324. Fuel feed by injection : a) Make **TOYOTA**

b) Model _____

f) Position of Injectors:

f1) <input type="checkbox"/> Manifold	<input type="checkbox"/> Cylinderhead
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325. Camshaft

a) Number

2

b) Location

DOHC

c) Drive system

CHAIN

f) Type of valve operation

VVTI - DIRECT SHIMLESS BUCKET

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

1

c) Number of valves per cylinder

2

328. Exhaust



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- a) Material of manifold **STAINLESS STEEL**
- b) Number of manifold elements **1**
- 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 **DIRECT IGNITION**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- d) Number of coils _____

331. Cooling system Capacity **4.8 L**

- 332. Cooling fan**
- a) Number _____
- b) Diameter of the fan _____ mm
- c) Material of the fan _____
- d) Number of blades _____
- e) Type of drive _____
- f) Automatic cut in

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

- a) Type _____
- b) Number of oil pumps _____
- c) Total capacity _____ L
- e) Location of the cooler(s) _____
- f) Type of the cooler(s) _____

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **REAR**
- d) Total capacity _____ L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Eleectrical	<input type="checkbox"/> Mechanical
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- b) Number _____
- d) Location _____
- Fuel Pressure _____

5. ELECTRICAL EQUIPMENT

502. Alternator

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

503. Retractable headlights

- a)

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- b) Control system **N/A**

6. POWER TRAIN

601. Driven wheels

- front

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

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

- a) Type **DIAPHRAGM SPRING**
- b) Control system **HYDRAULIC**

603. Gearbox

- a) Location **ENGINE COMPARTMENT**
- b) Make **TOYOTA**
- c) Type and location of control **FLOOR**
- e) Ratios _____



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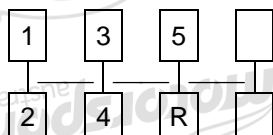
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	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	3.545	___	Y
2	_____	1.904	___	Y
3	_____	1.310	___	Y
4	_____	1.031	___	Y
5	_____	0.864	___	Y
6	_____	_____	___	___
R	_____	_____	___	___
Constant	_____	_____	___	___

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

	Front		Rear	
a) Type of final drive	_____		N/A	
b) Ratio	3.722		N/A	
f) Oil Cooler	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
g) Cooler Type	_____		_____	

606. Shafts

a) Type of longitudinal shafts

N/A

b) Material of longitudinal shafts

N/A

c) Type of transversal half-shafts

d) Material of transversal half-shafts

7. SUSPENSION

701. General

	Front	Rear



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a) Type of suspension	<u>MCPHERSON STRUT</u>		<u>TRAILING ARM TORSION BEAM</u>	
702. Helical springs	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
a) Material	<u>STEEL</u>		<u>STEEL</u>	
703. Leaf springs	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<u>N/A</u>		<u>N/A</u>	
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<u>N/A</u>		<u>N/A</u>	

705. Other type of suspension See description on additional form

706. Stabiliser	Front	Rear
b) Effective diameter	_____ mm	_____ mm
c) Material	_____	_____

707. Suspension Dampers	Front	Rear
a) Number per wheel	<u>1</u>	<u>1</u>
b) Type	<u>TELESCOPIC</u>	<u>TELESCOPIC</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels	Front	Rear
a) Diameter	<u>15 "</u>	<u>15 "</u>
b) Width	<u>5.5 "</u>	<u>5.5 "</u>
c) Offset	<u>+45 mm</u>	<u>+45 mm</u>

803. Brakes	<u>HYDRAULIC</u>
a) Braking system	
b) Number of master cylinders	<u>1</u>
c) Servo-brakes	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

c1) Make and type **VACUUM**



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	Front	Rear
e) Number of cylinders per wheel	_____	_____
f) Drum brakes		
f1) Internal diameter	<u>N/A</u>	<u>200 ± 1.5 mm</u>
f2) Number of linings per wheel	<u>N/A</u>	_____
g) Disc brakes		
g1) Number of pads per wheel	<u>2</u>	<u>N/A</u>
g2) Number of calipers per wheel	<u>1</u>	<u>N/A</u>
g3) Caliper material	_____	<u>N/A</u>
g4) Thickness of new disc	<u>22 ± 1 mm</u>	<u>N/A ± 1 mm</u>
g5) External diameter of the disc	<u>255 ± 1.5 mm</u>	<u>N/A ± 1.5 mm</u>
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

h) Parking brake: h1) Control system **CABLE**

h2) Location of lever **BETWEEN FRONT SEATS**

h3) On which wheels Front | Rear

804. Steering

a) Type

b) Servo-assistance

Type of Assistance

Front		Rear	
RACK & PINION		<u>N/A</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
HYDRAULIC		N/A	

9. BODYWORK

901. Interior

a) Ventilation

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

c) Air Conditioning

b) Heating

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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f) Optional sun roof

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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f1) Type

N/A

f2)

Control system

N/A

g) Opening system for side windows

Front	Rear
ELECTRIC	N/A

X) Dashboard

Y) Sunroof

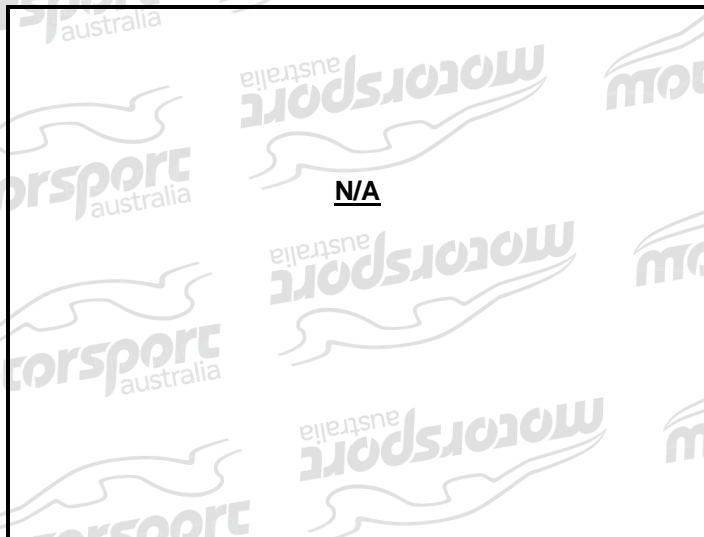


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902. Exterior

a) Number of doors **2**

b) Tailgate

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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Front	Rear
<u>STEEL</u>	<u>N/A</u>

c) Door material

d) Front bonnet material

STEEL

e) Rear bootlid / tailgate material

STEEL

f) Bodywork material

STEEL

h) Rear window material

STEEL

i) Rear quarter window material **GLASS**

k) Side window material

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

l) Material of bumper

n) Exterior Rear wiper

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

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Number	Part	Material

Drawing / photo required



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COMPLEMENTARY INFORMATION

