

Group 3E RECOGNITION DOCUMENT

Homologation valid as from _____

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 **ECHO SPORTIVO**
- 103. Engine capacity **1497** cm³ Corrected engine capacity _____ x _____ = _____ cm³
- 104. Type of car construction
 - a) Type separate chassis monocoque
 - b) Material of chassis / bodyshell **STEEL**
- 106. Number of seats **5**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **951** kg
- 202. Overall length **3660** mm ± 1 %
- 203. Maximum overall width **1660** mm ± 1 % Where measured _____
- 204. Width of bodywork
 - a) At front axle _____ mm ± 1 %
 - b) At rear axle _____ mm ± 1 %
- 206. Wheelbase **2370** mm ± 1 %
- 207. Maximum track



Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

3-09-039

a) Front **1440** mm

b) Rear **1420** mm

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

yes

no

Type and number of compressors

N/A

305. Number and layout of cylinders

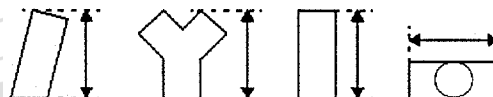
4 IN LINE

312. Cylinder block material

ALUMINIUM

310. Maximum compression ratio

10.5 : 1



313. Sleeves

a)

yes

no

b) Material

CAST IRON

c)

wet

dry

314. Bore

75 +0/- 0.1 mm

316. Stroke

84 +0/- 0.1 mm

321. Cylinderhead

a)

Number

1

b)

Material

ALUMINIUM

324. Fuel feed by injection :

a) Make

b) Model

f) Position of Injectors

f1)

Manifold

Cylinderhead

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

Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

3-09-039

- a) Material of manifold **STAINLESS STEEL**
- b) Number of manifold elements **1**
- c) External Diameter of exhaust pipe between manifold and first silencer _____ mm ± 5%
- d) Number of valves per cylinder **2**

330. Ignition system

- a) Type **DIRECT IGNITION**
- b) Number of plugs per cylinder _____
- c) Number of distributors **N/A**
- d) Number of coils _____

331. Cooling system

Capacity _____ 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
--------------------------	-----	--------------------------	----

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

- a) Number _____
- b) Location _____
- d) Total capacity _____ L
- e) Filler hole locations _____

402. Fuel pump(s)

- a)

<input type="checkbox"/>	Electrical	<input type="checkbox"/>	Mechanical
--------------------------	------------	--------------------------	------------
- b) Number _____
- d) Location _____

5. ELECTRICAL EQUIPMENT

502. Alternator

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

503. Retractable headlights

- a)

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

6. POWER TRAIN

601. Driven wheels

- front

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

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

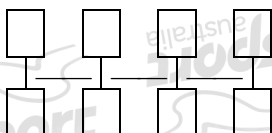
602. Clutch

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

603. Gearbox

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

f) Gear change gate



604. Transfer box / Centre differential



Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

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

N/A

b) Ratio

N/A

f) Oil Cooler

yes

no

yes

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

a) Type of suspension

MCPHERSON STRUT

TRAILING ARM TORSION BEAM

702. Helical springs

a) Material

yes

no

yes

no

703. Leaf springs

a) Material

yes

no

yes

no

704. Torsion bars

a) Material

yes

no

yes

no

N/A

N/A

705. Other type of suspension

See description on additional form

706. Stabiliser

b) Effective diameter

Front

Rear

_____ mm

_____ mm

c) Material

707. Suspension Dampers

a) Number per wheel

Front

Rear

1

1

b) Type

HYDRAULIC

HYDRAULIC



Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

3-09-039

c) Principle of operation

HYDRAULIC

HYDRAULIC

8. WHEELS

801. Wheels

a) Diameter

Front	Rear
14 "	14 "

b) Width

5.5 "	5.5 "
--------------	--------------

803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type **VACUUM**

e) Number of cylinders per wheel

f) **Drum brakes**

f1) Internal diameter

N/A ± 1.5 mm

180 ± 1.5 mm

f2) Number of linings per wheel

N/A

g) **Disc brakes**

g1) Number of pads per wheel

g2) Number of calipers per wheel

g3) Caliper material

g4) Thickness of new disc

18 ± 1 mm

N/A ± 1 mm

g5) External diameter of the disc

235 ± 1.5 mm

N/A ± 1.5 mm

g9) Ventilated discs

yes

no

yes

no

h) Parking brake

h1) Control system

CABLE

h2) Location of lever

BETWEEN FRONT SEATS

Front Rear

804. Steering

a) Type

RACK & PINION

N/A

b) Servo-assistance

yes

no

yes

no

Type of Assistance

HYDRAULIC

N/A

9. BODYWORK

Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

3-09-039

901. Interior

a) Ventilation

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

b) Heating

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

c) Air Conditioning

f) Optional sun roof

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

f1) Type

N/A

f2)

Control system

N/A

g) Opening system for side windows

Front	Rear
<u>ELECTRIC</u>	<u>N/A</u>

X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors

2

b) Tailgate

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

c) Door material

Front	Rear
<u>STEEL</u>	<u>N/A</u>

d) Front bonnet material

STEEL

e) Rear bootlid / tailgate material

STEEL

f) Bodywork material

STEEL

h) Rear window material

GLASS

i) Rear quarter window material

GLASS

Front	Rear
-------	------



Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

3-09-039

k) Side window material

GLASS

GLASS

l) Material of bumper

n) Exterior Rear wiper

yes

no

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material



Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

3-09-039

Drawing / photo required



Make

Toyota

Model

Echo Sportivo

SPC Recognition Document

3-09-039

COMPLEMENTARY INFORMATION

