

**Group 3E RECOGNITION DOCUMENT**

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

**COROLLA SPORTIVO ZZE123R**

103. Engine capacity

**1796** cm<sup>3</sup>

Corrected engine capacity

**1796 x 1 = 1796** cm<sup>3</sup>

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

**1238** kg

202. Overall length

**4175** mm ± 1 %

203. Maximum overall width

**1695** mm ± 1 % Where measured \_\_\_\_\_

204. Width of bodywork

a) At front axle

**1695** mm ± 1 %

b) At rear axle

**1675** mm ± 1 %

206. Wheelbase **2600** mm ± 1%

207. Maximum track

a) Front **1480** mm

b) Rear **1460** 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 **4**  
 Engine in its compartment



304. Supercharging  yes  no

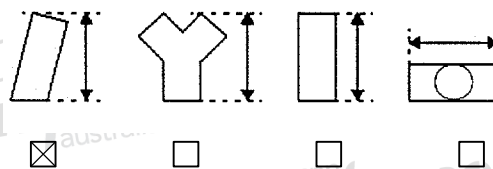
Maximum manifold pressure **N/A**

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 **11.5 : 1**



313. Sleeves a)  yes  no b) Material **N/A** c)  wet  dry

314. Bore **82.0** +/- 0.1 mm

316. Stroke **85.0** +/- 0.1 mm

321. Cylinderhead a) Number **1** b) Material **ALUMINIUM**

324. Fuel feed by injection : a) Make **DENSO** b) Model **MULTI POINT EFI**

f) Position of Injectors:

f1)  Manifold  Cylinderhead

325. Camshaft a) Number **2** b) Location **OVERHEAD**  
 c) Drive system **CHAIN** f) Type of valve operation **ROCKER ARM**

327. Intake a) Material of manifold **ALUMINIUM**  
 b) Number of manifold elements **2** c) Number of valves per cylinder **2**

328. Exhaust



- a) Material of manifold **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 **77** mm ± 5%

**330. Ignition system**

- a) Type **COIL ON PLUG**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- d) Number of coils **4**

**331. Cooling system**

Capacity \_\_\_\_\_ L

**332. Cooling fan**

- a) Number **1**
- b) Diameter of the fan **355** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **5**

e) Type of drive

**ELECTRIC**

f) Automatic cut in

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

a) Type **WET SUMP** b) Number of oil pumps **1**

c) Total capacity **4.5** L

e) Location of the cooler(s)

**N/A**

f) Type of the cooler(s)

**N/A**

**4. FUEL CIRCUIT**

**401. Fuel tank**

- b) Location **UNDER REAR SEAT PANEL**
- d) Total capacity **60** L

**402. Fuel pump(s)**

a) 

<input checked="" type="checkbox"/> Eleectrical	<input type="checkbox"/> Mechanical
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b) Number **1**

d) Location **IN TANK**

Fuel Pressure **347 KPA**

**5. ELECTRICAL EQUIPMENT**

**502. Alternator**

- a) Number **1**
- b) Type **ALTERNATOR**
- c) Drive system **BELT**
- d) Nominal power **80** 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 **MECHANICAL SINGLE PLATE**

b) Control system **HYDRAULIC**



**701. General**

	Front	Rear
a) Type of suspension	<b>MACPHERSON STRUT</b>	<b>BEAM AXLE MULTI LINK</b>
<b>702. Helical springs</b>	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
a) Material	<b>STEEL</b>	<b>STEEL</b>
<b>703. Leaf springs</b>	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	<b>N/A</b>	<b>N/A</b>
<b>704. Torsion bars</b>	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	<b>N/A</b>	<b>N/A</b>

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

	Front	Rear
b) Effective diameter	<b>22 mm</b>	<b>24 mm</b>
c) Material	<b>STEEL</b>	<b>STEEL</b>

**707. Suspension Dampers**

	Front	Rear
a) Number per wheel	<b>1</b>	<b>1</b>
b) Type	<b>GAS</b>	<b>GAS</b>
c) Principle of operation	<b>TELESCOPIC</b>	<b>TELESCOPIC</b>

**8. WHEELS**

**801. Wheels**

	Front	Rear
a) Diameter	<b>16"</b>	<b>16"</b>
b) Width	<b>6"</b>	<b>6"</b>
c) Offset	<b>+45 mm</b>	<b>+45 mm</b>



**803. Brakes**

- a) Braking system
- b) Number of master cylinders
- c) Servo-brakes

**HYDRAULIC**

**1**

yes  no

c1) Make and type

**VACUUM**

	Front	Rear
e) Number of cylinders per wheel	<b>1</b>	<b>1</b>
f) <b>Drum brakes</b>	<b>N/A</b>	<b>N/A</b>
f1) Internal diameter	<b>N/A</b>	<b>N/A</b>
f2) Number of linings per wheel	<b>N/A</b>	<b>N/A</b>
g) <b>Disc brakes</b>		
g1) Number of pads per wheel	<b>2</b>	<b>2</b>
g2) Number of calipers per wheel	<b>1</b>	<b>1</b>
g3) Caliper material	<b>STEEL</b>	<b>STEEL</b>
g4) Thickness of new disc	<b>25 ± 1 mm</b>	<b>9 ± 1 mm</b>
g5) External diameter of the disc	<b>275 ± 1.5 mm</b>	<b>269 ± 1.5 mm</b>
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

**CENTRE TUNNEL**

h3) On which wheels

Front  Rear

**804. Steering**

- a) Type
- b) Servo-assistance
- Type of Assistance

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

**9. BODYWORK**

**901. Interior**

- a) Ventilation
- c) Air Conditioning

yes  no  
 yes  no

b) Heating

yes  no

f) Optional sun roof

yes  no

f1) Type

**N/A**

f2)

Control system

**N/A**

g) Opening system for side windows

Front	Rear
<b>ELECTRIC</b>	<b>ELECTRIC</b>

X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors **5**

b) Tailgate

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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c) Door material

Front	Rear
<b><u>STEEL</u></b>	<b><u>STEEL</u></b>

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**

k) Side window material

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

l) Material of bumper

**PLASTIC**

**PLASTIC**

n) Exterior Rear wiper

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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Make **Toyota**Model **Corolla Sportivo ZZE123R**

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**XIII) NON METALLIC PARTS OF THE BODY**

Number	Part	Material
1	Front bumper	polypropylene
2	Front Headlight Assembly	Polycarbonate - polypropylene
3	Front Grill	Polypropylene
4	Door side mouldings	Polypropylene
5	Door Mirrors	ABS
6	Door Handles	Polycarbonate / ABS
7	Rear Spoiler	ABS
8	Rear light assembly	Polycarbonate – polypropylene
9	Rear bumper	Polypropylene
	Front spoiler / Side skirts	ABS

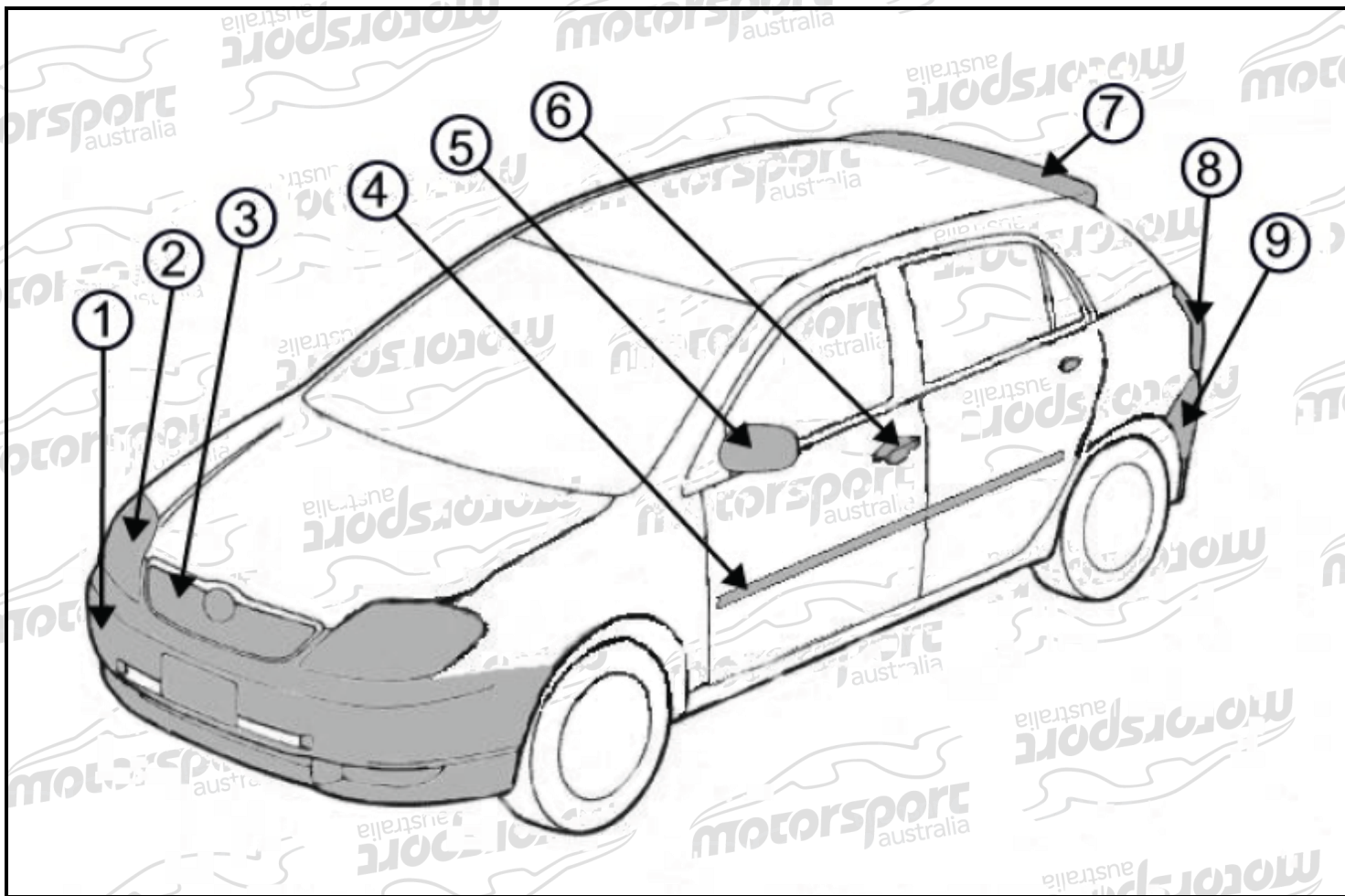


**Make** Toyota

**Model** Corolla Sportivo ZZE123R

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COMPLEMENTARY INFORMATION

