



Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



1. GENERAL

- 101. Manufacturer **TOYOTA MOTOR COMPANY**
- 102. Commercial name(s) - Model and type **CELICA ZR LIFT BACK**
- 103. Engine capacity **1796** cm³ Corrected engine capacity **1796 x 1 = 1796** 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 **4**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **1192** kg
- 202. Overall length **4335** mm ± 1 %
- 203. Maximum overall width **1735** mm ± 1 % Where measured _____
- 204. Width of bodywork

a) At front axle	_____ mm ± 1 %
b) At rear axle	_____ mm ± 1 %
- 206. Wheelbase **2600** mm ± 1 %
- 207. Maximum track

a) Front	1490 mm	b) Rear	1480 mm
----------	----------------	---------	----------------



Make Toyota

Model Celica ZR Liftback

SPC Recognition Document

3-09-038

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 **3**

Engine in its compartment

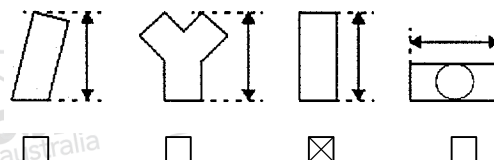


304. Supercharging

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

Type and number of compressors **N/A**

305. Number and layout of cylinders **4 IN LINE**



312. Cylinder block material **ALUMINIUM**

310. Compression ratio **11.5 : 1**

313. Sleeves a)

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

b) Material **MMC**

c) <input type="checkbox"/> wet	<input checked="" type="checkbox"/> 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 **TOYOTA**

b) Model **TOYOTA**

f) Position of injectors

f1)

<input type="checkbox"/> Manifold	<input checked="" type="checkbox"/> Cylinderhead
-----------------------------------	--

325. Camshaft a) Number **2**

b) Location **OHC**

c) Drive system **CHAIN**

f) Type of valve operation **ROCKER ARM (HYD)**

327. Intake a) Material of manifold **ALUMINIUM**

b) Number of manifold elements **1** 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 **80** mm ± 5%



3-09-038

Make Toyota **Model** Celica ZR Liftback **SPC Recognition Document**

330. Ignition system

- a) Type COIL ON SPARK PLUG b) Number of plugs per cylinder 1
 c) Number of distributors NIL d) Number of coils 4

331. Cooling system

Capacity _____ l

332. Cooling fan

- a) Number 2 b) Diameter of the fan 300 mm
 c) Material of the fan PLASTIC d) Number of blades 7/5
 e) Type of drive ELECTRIC f) Automatic cut in

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

333. Lubrication system

- a) Type WET SUMP
 c) Total capacity _____ L
 e) Location of the cooler(s) ENGINE BLOCK f) Type of the cooler(s) OIL/WATER

4. FUEL CIRCUIT

401. Fuel tank

- a) Number 1
 b) Location UNDER FLOOR
 d) Rated capacity 55 L
 e) Filler hole locations LEFT REAR QUARTER PANEL

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Eleectrical	<input type="checkbox"/> Mechanical
---	-------------------------------------

 b) Number 1
 d) Location IN TANK

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number 1 b) Type ALTERNATOR
 c) Drive system BELT d) Nominal max current 90 Amp

503. Retractable headlights

- a)

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

 b) Control system N/A

6. POWER TRAIN

601. Driven wheels

- front

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

 rear

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

602. Clutch

- a) Type _____
 b) Control system HYDRAULIC



Make **Toyota**

Model **Celica ZR Liftback**

SPC Recognition Document

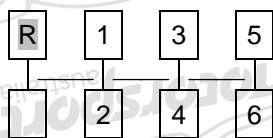
3-09-038

603. Gearbox

- a) Location **FRONT/TRANS** b) Make **TOYOTA**
 c) Type and location of control **MANUAL SHIFT – CENTRE FLOOR**
 e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>3.166</u>	_____	_____
2	_____	<u>2.050</u>	_____	_____
3	_____	<u>1.481</u>	_____	_____
4	_____	<u>1.166</u>	_____	_____
5	_____	<u>0.916</u>	_____	_____
6	_____	<u>0.725</u>	_____	_____
R	_____	<u>3.250</u>	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate



g) Type of lubrication

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

b) Ratio

f) Oil Cooler

g) Cooler Type

	Front	Rear
a) Type of final drive	<u>HELICAL GEAR</u>	<u>N/A</u>
b) Ratio	<u>4.529</u>	<u>N/A</u>
f) Oil Cooler	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
g) Cooler Type	<u>N/A</u>	<u>N/A</u>

606. Shafts

- a) Type of longitudinal shafts **N/A**
 b) Material of longitudinal shafts **N/A**
 c) Type of transversal half-shafts **CV JOINT**
 d) Material of transversal half-shafts **STEEL**

7. SUSPENSION



Make **Toyota**

Model **Celica ZR Liftback** **SPC Recognition Document**

3-09-038

701. General

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

a) Type of suspension

702. Helical springs

a) Material

703. Leaf springs

704. Torsion bars

a) Material

705. Other type of suspension

See description on additional form

706. Stabiliser

b) Effective diameter

c) Material

Front	Rear
<u>21±0.2 mm</u>	<u>17 ±0.2mm</u>
<u>STEEL</u>	<u>STEEL</u>

707. Suspension Dampers

a) Number per wheel

b) Type

c) Principle of operation

Front	Rear
<u>1</u>	<u>1</u>
<u>HYDRAULIC</u>	<u>HYDRAULIC</u>
<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels

a) Diameter

b) Width

Front	Rear
<u>15/16"</u>	<u>15/16"</u>
<u>6.5"</u>	<u>6.5"</u>

803. Brakes

a) Braking system

b) Number of master cylinders

c) Servo-brakes

HYDRAULIC

1

yes no

c1) Make and type **TOYOTA**



Make Toyota

Model Celica ZR Liftback

SPC Recognition Document

3-09-038

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

h3) On which wheels

<input type="checkbox"/> Front	<input checked="" type="checkbox"/> 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		<u>N/A</u>	

9. BODYWORK

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
ELECTRIC	<u>N/A</u>

X) Dashboard

Y) Sunroof



Make Toyota

Model Celica ZR Liftback

SPC Recognition Document

3-09-038



No sunroof fitted

902. Exterior

a) Number of doors **2**

b) Tailgate yes no

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

c) Door material

d) Front bonnet material

f) Bodywork material

h) Rear window material

STEEL

STEEL

GLASS

e) Rear bootlid / tailgate material

STEEL/GLASS

i) Rear quarter window material

GLASS

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

Front	Rear
<u>GLASS</u>	<u>GLASS</u>
<u>PLASTIC</u>	<u>PLASTIC</u>
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no



Make Toyota

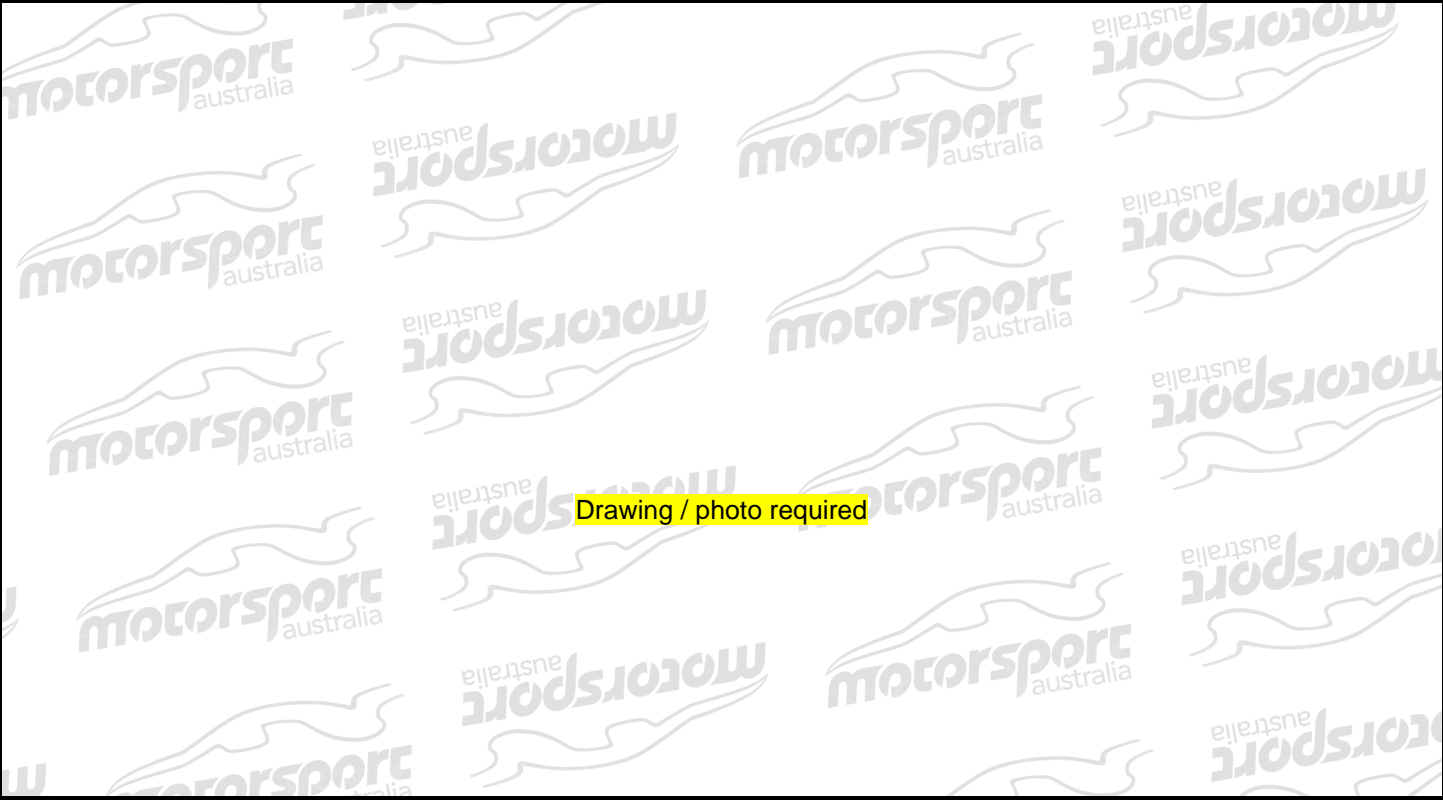
Model Celica ZR Liftback

SPC Recognition Document

3-09-038

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
1	Front bumper	plastic
1	Rear bumper	plastic



Make **Toyota**

Model **Celica ZR Liftback**

SPC Recognition Document

3-09-038

COMPLEMENTARY INFORMATION

