

Group 3E Recognition Document

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

PORSCHE

102. Commercial name(s) - Model and type

CAYMAN S (718)

103. Engine capacity

2497 cm³

Corrected engine capacity

2497 x 1.7 = 4244.9 cm³

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

STEEL/ALUMINIUM ALLOY

106. Number of seats

2

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1346 kg

202. Overall length

4379 mm ± 1 %

203. Maximum overall width

1801 mm ± 1 %

Where measured

MIRRORS (FOLDED)

204. Width of bodywork

a) At front axle

1515 mm ± 1 %

b) At rear axle

1540 mm ± 1 %

206. Wheelbase **2475 mm ± 1%**

207. Maximum track

a) Front **1515 mm**

b) Rear **1540 mm**

3. ENGINE

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

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Make PORSCHE

Model CAYMAN S (718)

301. Location and position of the engine **MID**

302. Number of mounts **2 + 1 CARRIER**

Engine in its compartment



304. Supercharging

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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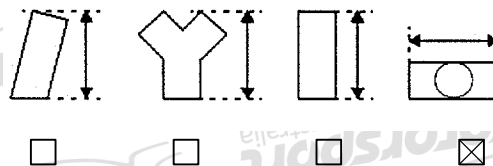
Maximum manifold pressure **1.3 BAR**

Type and number of compressors **1 - TURBOCHARGER**

305. Number and layout of cylinders **4 - HORIZONTAL**

312. Cylinder block material **ALUMINIUM ALLOY**

310. Maximum compression ratio **9.5 : 1**



313. Sleeves

a)

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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b) Material

c)

<input type="checkbox"/> wet	<input type="checkbox"/> dry
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314. Bore **102** +0/- 0.1 mm

316. Stroke **76.4** +0/- 0.1 mm

321. Cylinderhead

a) Number **2**

b) Material

ALUMINIUM ALLOY

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

b) Model **DIRECT**

f) Position of Injectors:

f1)

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

a) Number

4

b) Location

DOHC

c) Drive system

CHAIN

f) Type of valve operation

DIRECT VIA HYDRAULIC TAPPET

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

2

c) Number of valves per cylinder **2**

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Make PORSCHE

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328. Exhaust

- a) Material of manifold STEEL ALLOY
- b) Number of manifold elements 2
- 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
- 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
- b) Diameter of the fan mm
- c) Material of the fan
- d) Number of blades
- e) Type of drive
- f) Automatic cut in yes no

333. Lubrication system

- a) Type DRY SUMP
- 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 FRONT
- d) Total capacity 64 L

402. Fuel pump(s)

- a) Elelectrical Mechanical
- b) Number 2

d) Location FUEL TANK/ENGINE Fuel Pressure 250 BAR MAX

5. ELECTRICAL EQUIPMENT

502. Alternator

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

503. Retractable headlights

- a) yes no
- b) Control system

6. POWER TRAIN

601. Driven wheels

- front yes no
- rear yes no

602. Clutch

- a) Type DUAL CLUTCH
- b) Control system PDK



Make PORSCHE

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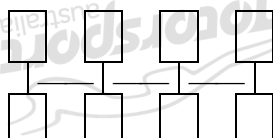
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603. Gearbox

- a) Location REAR
- b) Make PORSCHE PDK
- c) Type and location of control STEERING WHEEL / ELECTRICAL
- e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>3.91</u>	_____	_____
2	_____	<u>2.29</u>	_____	_____
3	_____	<u>1.65</u>	_____	_____
4	_____	<u>1.30</u>	_____	_____
5	_____	<u>1.08</u>	_____	_____
6	_____	<u>0.88</u>	_____	_____
7	_____	<u>0.62</u>	_____	_____
R	_____	<u>3.55</u>	_____	_____
Constant	_____	<u>3.25</u>	_____	_____

f) Gear change gate



PORSCHE PDK Paddle Shift

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	<u>N/A</u>	<u>HYPOID</u>
b) Ratio	<u>N/A</u>	<u>3.25</u>
f) Oil Cooler	<input type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
g) Cooler Type	<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 CONSTANT VELOCITY
- d) Material of transversal half-shafts STEEL

7. SUSPENSION



Make **PORSCHE**

Model **CAYMAN S (718)**

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701. General

	Front	Rear
a) Type of suspension	<u>STRUT – COIL OVER</u>	<u>STRUT – COIL OVER</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 ALLOY</u>	<u>STEEL ALLOY</u>
703. Leaf springs	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	_____	_____
704. Torsion bars	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	_____	_____

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	_____ mm	<u>24</u> mm
c) Material	_____	<u>STEEL ALLOY</u>

707. Suspension Dampers

	Front	Rear
a) Number per wheel	<u>1</u>	<u>1</u>
b) Type	<u>STRUT</u>	<u>STRUT</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>19"</u>	<u>19"</u>
b) Width	<u>8"</u>	<u>10"</u>
c) Offset	<u>57</u> mm	<u>50</u> mm

803. Brakes

- a) Braking system **HYDRAULIC DISC**
- b) Number of master cylinders **1**
- c) Servo-brakes yes no

c1) Make and type **PORSCHE / VACUUM**



Make **PORSCHE**

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	Front	Rear
e) Number of cylinders per wheel	<u>4</u>	<u>4</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	<u>ALUMINIUM</u>	<u>ALUMINIUM</u>
g4) Thickness of new disc	<u>34 ± 1 mm</u>	<u>20 ± 1 mm</u>
g5) External diameter of the disc	<u>330 ± 1.5 mm</u>	<u>299 ± 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 **ELECTRIC**

h2) Location of lever **BUTTON - DASH**

<input type="checkbox"/> Front	<input checked="" type="checkbox"/> Rear
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804. Steering

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

Front		Rear	
<u>ELECTROMECHANICAL</u>		_____	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
<u>ELECTRIC</u>		_____	

9. BODYWORK

901. Interior

- a) Ventilation
- c) Air Conditioning

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

b) Heating

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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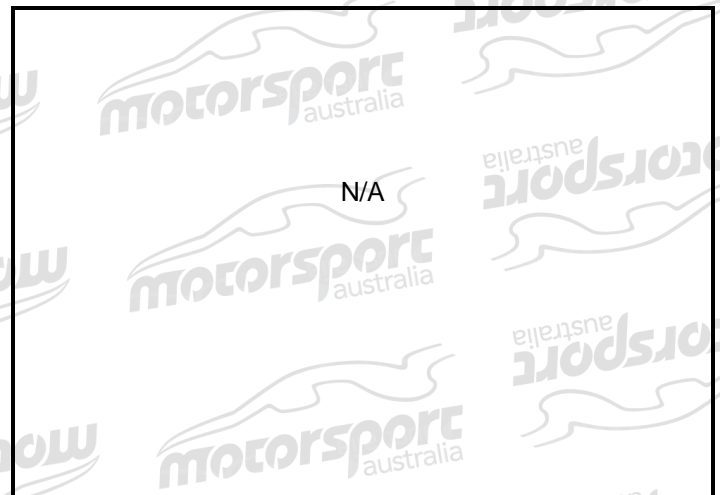
g) Opening system for side windows

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

X) Dashboard



Y) Sunroof



Make **PORSCHE**

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902. Exterior

a) Number of doors **2**

b) Tailgate

yes

no

c) Door material

Front	Rear
<u>ALUMINIUM ALLOY</u>	<u>N/A</u>

d) Front bonnet material

ALUMINIUM ALLOY

e) Rear bootlid / tailgate material

ALUMINIUM ALLOY

f) Bodywork material

STEEL / ALUMINIUM ALLOY

h) Rear window material

GLASS

i) Rear quarter window material

GLASS

k) Side window material

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

l) Material of bumper

n) Exterior Rear wiper

yes

no

XIII) NON METALLIC PARTS OF THE BODY

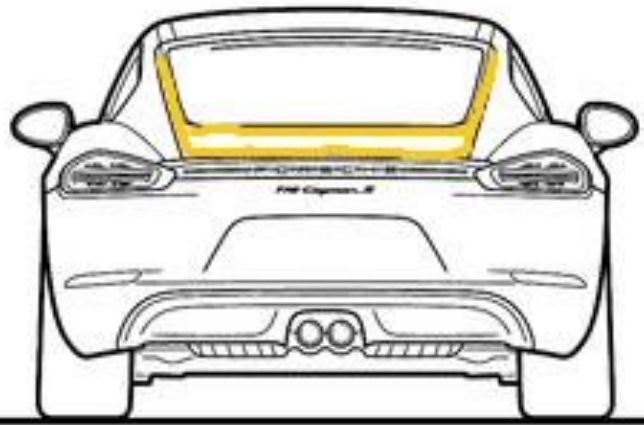
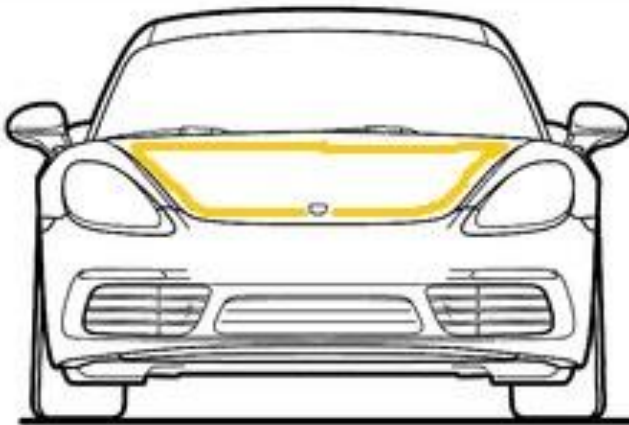
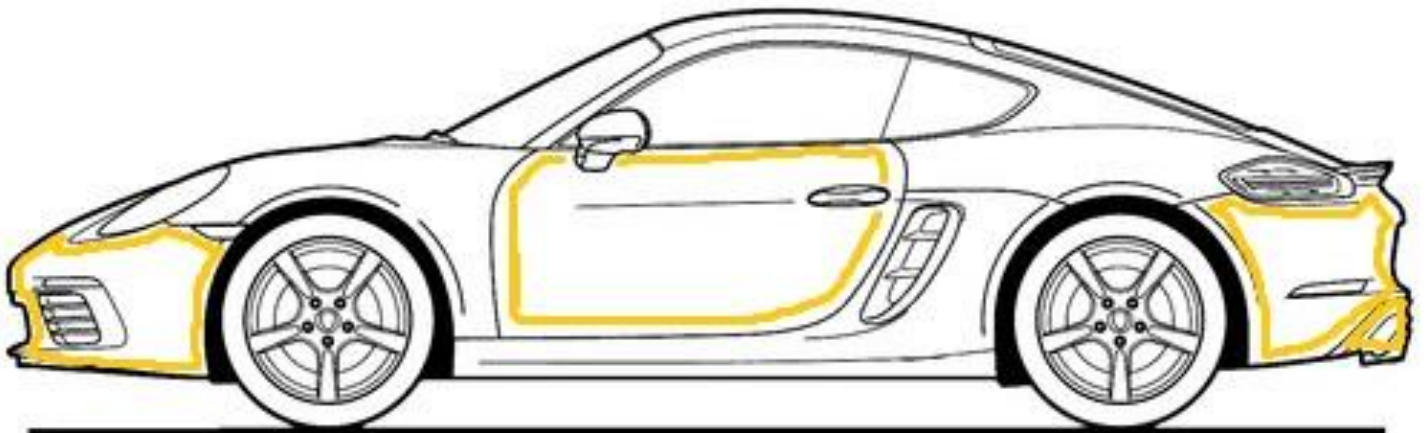
Number	Part	Material
	Door	Aluminium Alloy
	Bonnet	Aluminium Alloy
	Hatch	Aluminium Alloy
	Front Bar	Plastic
	Rear Bar	Plastic

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COMPLEMENTARY INFORMATION

