

Group 3E Recognition FORM

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

CHEVROLET

102. Commercial name(s) - Model and type

CAMARO 2SS

103. Engine capacity

6162 cm³ Corrected engine capacity **6162 x 1 = 6162** cm³

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

STEEL

106. Number of seats

4

2. DIMENSIONS, WEIGHT

Tare Weight

1692 kg

RVD CPA Number. 49666-1311849

Minimum Racing Weight

1599 kg

202. Overall length

4784 mm ± 1 %

203. Maximum overall width

2167 mm ± 1 % Where measured **EXTERNAL MIRRORS**

204. Width of bodywork

a) At front axle **1897** mm ± 1 %

b) At rear axle **1897** mm ± 1 %

206. Wheelbase **2811** mm ± 1 %

207. Maximum track

Make **Chevrolet**

Model **Camaro 2SS**

a) Front **1610** mm

b) Rear **1598** mm

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

301. Location and position of the engine **FRONT / CENTRAL**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging

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

Maximum manifold pressure

N/A

Type and number of compressors

N/A

305. Number and layout of cylinders

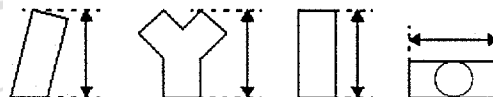
90 DEG V8

312. Cylinder block material

ALUMINIUM

310. Maximum compression ratio

11.5 : 1



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

313. Sleeves

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

b) Material _____

c) <input type="checkbox"/> wet	<input type="checkbox"/> dry
---------------------------------	------------------------------

314. Bore

103.25 +/- 0.1 mm

316. Stroke

92 +/- 0.1 mm

321. Cylinderhead

a) Number **2**

b) Material

ALUMINIUM

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

b) Model **DELPHI**

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft a) Number

1

b) Location

CYLINDER CASE

c) Drive system

CHAIN

f) Type of valve operation

PUSHROD AND ROCKER

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

1

c) Number of valves per cylinder

1

Make Chevrolet

Model Camaro 2SS

328. Exhaust

- a) Material of manifold **STEEL**
- b) Number of manifold elements **2**
- d) Number of valves per cylinder **1**
- p) External Diameter of exhaust pipe between manifold and first silencer **78** mm ± 5%

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- d) Number of coils **8**

331. Cooling system

Capacity **11.5** L

332. Cooling fan

- a) Number **1**
- b) Diameter of the fan **450** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **11**
- 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**
- b) Number of oil pumps **1**
- c) Total capacity **9.5** L
- e) Location of the cooler(s) **FRONT BUMPER**
- f) Type of the cooler(s) **OIL-TO-AIR**

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **IN BOOT**
- d) Total capacity **72** L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Eleectrical	<input checked="" type="checkbox"/> Mechanical
---	--
- b) Number **2**
- d) Location **IN FUEL TANK / CAMSHAFT**
- Fuel Pressure **2175PSI**

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type **SC2**
- c) Drive system **BELT**
- d) Nominal power **220** 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 type="checkbox"/> yes	<input checked="" type="checkbox"/> no
------------------------------	--
- rear

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

602. Clutch

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

Make Chevrolet

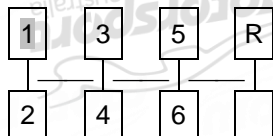
Model Camaro 2SS

603. Gearbox

- a) Location **MID CENTRAL** b) Make **TREMEC**
- c) Type and location of control **H-PATTERN / CENTRE CONSOLE**
- e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>2.66</u>	_____	<u>Y</u>
2	_____	<u>1.78</u>	_____	<u>Y</u>
3	_____	<u>1.30</u>	_____	<u>Y</u>
4	_____	<u>1.00</u>	_____	<u>Y</u>
5	_____	<u>0.74</u>	_____	<u>Y</u>
6	_____	<u>0.50</u>	_____	<u>Y</u>
R	_____	<u>2.90</u>	_____	<u>Y</u>
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
- b) Ratio
- f) Oil Cooler
- g) Cooler Type

	Front	Rear
a) Type of final drive	<u>N/A</u>	<u>SPIRAL BEVEL</u>
b) Ratio	<u>N/A</u>	<u>3.73:1</u>
f) Oil Cooler	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
g) Cooler Type	<u>WATER-TO-AIR</u>	<u>OIL-TO-AIR</u>

606. Shafts

- a) Type of longitudinal shafts **2-PIECE HOLLOW**
- b) Material of longitudinal shafts **STEEL**
- c) Type of transversal half-shafts **SOLID**
- d) Material of transversal half-shafts **STEEL**

Make Chevrolet

Model Camaro 2SS

7. SUSPENSION

701. General

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

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	28 mm	26 mm
c) Material	STEEL	STEEL

707. Suspension Dampers

	Front	Rear
a) Number per wheel	1	1
b) Type	TELESCOPIC	TELESCOPIC
c) Principle of operation	HYDRAULIC	HYDRAULIC

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	20"	20"
b) Width	8.5"	9.6"
c) Offset	+25 mm	+39 mm

Make Chevrolet

Model Camaro 2SS

803. Brakes

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

HYDRAULIC

1

yes no

c1) Make and type

BREMBO

	Front	Rear
e) Number of cylinders per wheel	<u>4</u>	<u>4</u>
f) Drum brakes	<u>N/A</u>	<u>N/A</u>
f1) Internal diameter	<u>N/A</u>	<u>N/A</u>
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	ALUMINIUM ALLOY	ALUMINIUM ALLOY
g4) Thickness of new disc	<u>36 ± 1 mm</u>	<u>28 ± 1 mm</u>
g5) External diameter of the disc	<u>390 ± 1.5 mm</u>	<u>365 ± 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 **ELECTRONIC**

h2) Location of lever **MID CENTRE CONSOLE**

Front Rear

804. Steering

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

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

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

TILT AND SLIDE

f2)

Control system

ELECTRIC

g) Opening system for side windows

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

Make Chevrolet

Model Camaro 2SS

X) Dashboard

Y) Sunroof



902. Exterior

a) Number of doors 2

b) Tailgate

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

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

c) Door material

d) Front bonnet material

ALLOY

e) Rear bootlid / tailgate material

ALLOY

f) Bodywork material

STEEL

h) Rear window material

GLASS

i) Rear quarter window material

GLASS

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

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

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

Make Chevrolet

Model Camaro 2SS

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
	Front Bumper	Plastic
	Rear Bumper	Plastic
	Side Skirts	Plastic
	Rear Spoiler	Plastic
	Grille	Plastic
	Head Lights	Plastic
	Tail Lights	Plastic
	External Mirrors	Plastic



Make Chevrolet

Model Camaro 2SS

COMPLEMENTARY INFORMATION

Optional Brake Upgrade:

Front 390x36mm Rotors

Rear 365x28mm Rotors