

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

RENAULT

102. Commercial name(s) - Model and type

CLIO SPORT 197

103. Engine capacity

1998 cm³ Corrected engine capacity **1998 x 1 = 1998** 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

1280 kg

202. Overall length

3991 mm ± 1 %

203. Maximum overall width

1768 mm ± 1 % Where measured **FRONT GUARDS**

204. Width of bodywork

a) At front axle

1768 mm ± 1 %

b) At rear axle

1768 mm ± 1 %

206. Wheelbase **2585** mm ± 1%

207. Maximum track

a) Front **1520** mm

b) Rear **1520** mm

3. ENGINE

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

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301. Location and position of the engine **FRONT TRANSVERSE**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging

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

N/A

Type and number of compressors

N/A

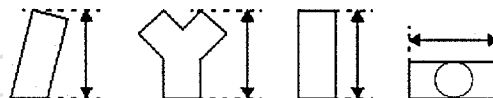
305. Number and layout of cylinders **4 IN-LINE**

312. Cylinder block material

STEEL

310. Maximum compression ratio

11.5 : 1



<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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313. Sleeves

a) <input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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b) Material **N/A**

c) <input type="checkbox"/> wet	<input checked="" type="checkbox"/> dry
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314. Bore

82.7 +0/- 0.1 mm

316. Stroke

93.0 +0/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material **ALUMINIUM**

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

b) Model **MULTI-POINT**

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft

a) Number

2

b) Location

DOHC

c) Drive system

BELT

f) Type of valve operation

ROCKER/PUSH ROD

327. Intake

a) Material of manifold

ALUMINIUM

b) Number of manifold elements

2

c) Number of valves per cylinder

2

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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 **64** 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 **4**

331. Cooling system

Capacity **7.5** L

332. Cooling fan

- a) Number **2**
- b) Diameter of the fan _____ mm
- c) Material of the fan **PLASTIC**
- d) Number of blades _____
- e) Type of drive **ELECTRIC**
- f) Automatic cut in yes no

333. Lubrication system

- a) Type **WETSUMP**
- b) Number of oil pumps **1**
- c) Total capacity **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 THE REAR FLOOR**
- d) Total capacity **70** L

402. Fuel pump(s)

- a) Eleectrical Mechanical
- b) Number **1**
- d) Location **INSIDE TANK**
- Fuel Pressure **350 KPA**

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type **BOSCH**
- c) Drive system **BELT**
- d) Nominal power **55** Amp

503. Retractable headlights

- a) yes no
- b) Control system **N/A**

6. POWER TRAIN

601. Driven wheels

- front yes no
- rear yes no

602. Clutch

- a) Type **SINGLE PLATE**
- b) Control system **HYDRAULIC**



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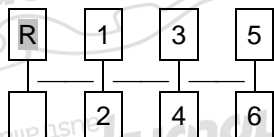
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603. Gearbox

- a) Location **FRONT**
- b) Make **RENAULT**
- c) Type and location of control **CABLE**
- e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	_____	_____	<u>Y</u>
2	_____	_____	_____	<u>Y</u>
3	_____	_____	_____	<u>Y</u>
4	_____	_____	_____	<u>Y</u>
5	_____	_____	_____	<u>Y</u>
6	_____	_____	_____	<u>Y</u>
R	_____	_____	_____	_____
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	_____	_____
b) Ratio	_____	_____
f) Oil Cooler	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
g) Cooler Type	N/A	N/A

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**



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7. SUSPENSION

701. General

	Front	Rear
a) Type of suspension	MACPHERSON STRUT	BEAM AXLE
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	_____ mm	_____ mm
c) Material	_____	_____

707. Suspension Dampers

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

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>17"</u>	<u>17"</u>
b) Width	<u>7.5"</u>	<u>7.5"</u>
c) Offset	<u>+68</u> mm	<u>+68</u> mm

803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

VACUUM

	Front	Rear



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e) Number of cylinders per wheel	<u>4</u>	<u>1</u>
f) Drum brakes		
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	<u>ALUMINIUM</u>	<u>ALUMINIUM</u>
g4) Thickness of new disc	<u>28 ± 1 mm</u>	<u>11 ± 1 mm</u>
g5) External diameter of the disc	<u>312 ± 1.5 mm</u>	<u>300 ± 1.5 mm</u>
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 **NEXT TO SEAT**

h3) On which wheels Front 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
ELECTRIC/HYDRAULIC		<u>N/A</u>	

9. BODYWORK

901. Interior

a) Ventilation

<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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c) Air Conditioning

f) Optional sun roof

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

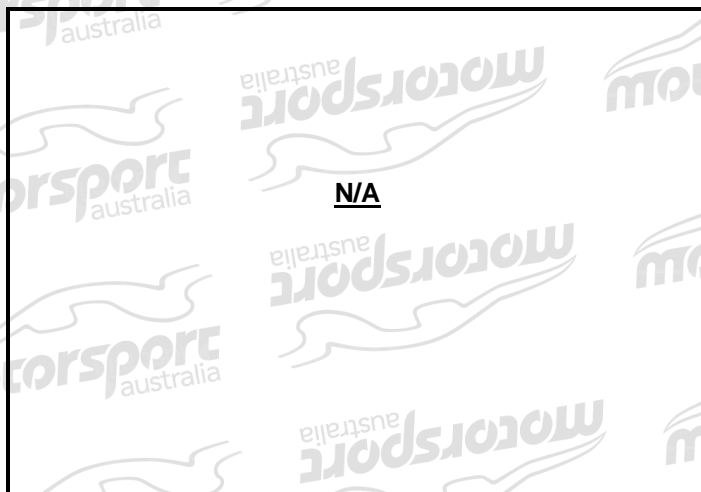


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N/A

902. Exterior

a) Number of doors **2**

b) Tailgate

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

c) Door material

d) Front bonnet material

ALUMINIUM

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

l) Material of bumper

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

n) Exterior Rear wiper

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material

Drawing / photo required



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COMPLEMENTARY INFORMATION

