

**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

**MEGANE 265 RS TROPHY R**

103. Engine capacity

**1998** cm<sup>3</sup> Corrected engine capacity **1998 x 1.7 = 3396** 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

**1247** kg

202. Overall length

**4299** mm ± 1 %

203. Maximum overall width

**1848** mm ± 1 %

Where measured **FRONT WHEEL CENTRE**

204. Width of bodywork

a) At front axle

**1848** mm ± 1 %

b) At rear axle

**1821** mm ± 1 %

206. Wheelbase **2646** mm ± 1%

207. Maximum track

a) Front **1588** mm

b)

Rear **1545** mm

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

301. Location and position of the engine **FRONT (EAST/WEST)**

302. Number of mounts **3**  
 Engine in its compartment

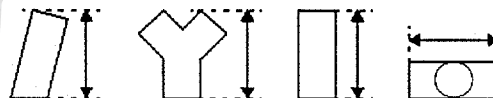


304. Supercharging  yes  no

Maximum manifold pressure **1.55 BAR**

Type and number of compressors **TURBOCHARGER TD04HL-20T**

305. Number and layout of cylinders **4 INLINE**



312. Cylinder block material **STEEL**

310. Maximum compression ratio **8.6 : 1**

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

314. Bore **82.7** +0/- 0.1 mm

316. Stroke **93** +0/- 0.1 mm

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

324. Fuel feed by injection : a) Make **BOSCH** b) Model **280-158-211**

f) Position of Injectors:

f1)  Manifold  Cylinderhead

325. Camshaft a) Number **2** b) Location **OHC**  
 c) Drive system **BELT** f) Type of valve operation **ROCKER**

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

**328. Exhaust**

- a) Material of manifold **CAST IRON**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **65.00** mm ± 5%

**330. Ignition system**

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

**331. Cooling system**Capacity **6.5** L**332. Cooling fan**

- a) Number **1**
- b) Diameter of the fan **385** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **7**
- e) Type of drive **ELECTRIC**
- f) Automatic cut in  yes  no

**333. Lubrication system**

- a) Type **PRESSURE**
- b) Number of oil pumps **1**
- c) Total capacity **5.4** L
- e) Location of the cooler(s) **UNDER OIL FILTER**
- f) Type of the cooler(s) **OIL TO WATER**

**4. FUEL CIRCUIT****401. Fuel tank**

- b) Location **UNDER CAR**
- d) Total capacity **60** L

**402. Fuel pump(s)**

- a)  Elelectrical  Mechanical
- b) Number **1**

d) Location **IN TANK** Fuel Pressure **500 KPA**

**5. ELECTRICAL EQUIPMENT****502. Alternator**

- a) Number **1**
- b) Type **ALTERNATOR**
- c) Drive system **BELT**
- d) Nominal power **1500** Watts

**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**

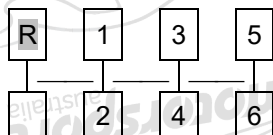
- a) Type **SINGLE PLATE DIAPHRAM**
- b) Control system **HYDRAULIC**

603. Gearbox

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

	Number of teeth	Ratio	Constant Mesh	Synchro
1	<b>13x40</b>	<b>3.077</b>	—	<b>YES</b>
2	<b>19x37</b>	<b>1.947</b>	—	<b>YES</b>
3	<b>31x43</b>	<b>1.387</b>	—	<b>YES</b>
4	<b>38x39</b>	<b>1.026</b>	—	<b>YES</b>
5	<b>38x31</b>	<b>0.816</b>	—	<b>YES</b>
6	<b>46x31</b>	<b>0.674</b>	—	<b>YES</b>
R	<b>19/37 x 27/47</b>	<b>3.390</b>	—	<b>YES</b>
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

	Front	Rear
a) Type of final drive	<b>CYLINDRICAL</b>	<b>N/A</b>
b) Ratio	<b>3.941</b>	<b>N/A</b>
f) Oil Cooler	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
g) Cooler Type	<b>N/A</b>	<b>N/A</b>

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****701. General**

a) Type of suspension

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

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

b) Effective diameter

c) Material

	Front	Rear
	<b><u>24.75</u></b> mm	<b><u>N/A</u></b> mm
	<b><u>STEEL</u></b>	<b><u>N/A</u></b>

**707. Suspension Dampers**

a) Number per wheel

b) Type

c) Principle of operation

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

**8. WHEELS****801. Wheels**

a) Diameter

b) Width

c) Offset

	Front	Rear
	<b><u>19</u></b> "	<b><u>19</u></b> "
	<b><u>8.25</u></b> "	<b><u>8.25</u></b> "
	<b><u>+65</u></b> mm	<b><u>+65</u></b> mm

Make **RENAULT**

Model **MEGANE 265 RS Trophy R**

3E Recognition Document

**3-21-003**

**803. Brakes**

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

HYDRAULIC

1

yes  no

c1) Make and type

DEPRESSION

	Front	Rear
e) Number of cylinders per wheel	<u>4</u>	<u>1</u>
f) <b>Drum brakes</b>	<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) <b>Disc brakes</b>		
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>340 ± 1.5 mm</u>	<u>290 ± 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

MECHANICAL

h2) Location of lever

BETWEEN SEATS

h3) On which wheels

Front  Rear

**804. Steering**

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

	Front	Rear
a) Type	<u>RACK</u>	<u>N/A</u>
b) Servo-assistance	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
Type of Assistance	<u>ELECTRICAL</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
- f1) Type N/A

yes  no

f2) Control system N/A

g) Opening system for side windows

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



X) Dashboard

Y) Sunroof



902. Exterior

a) Number of doors **2**

b) Tailgate  yes  no

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

c) Door material

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>

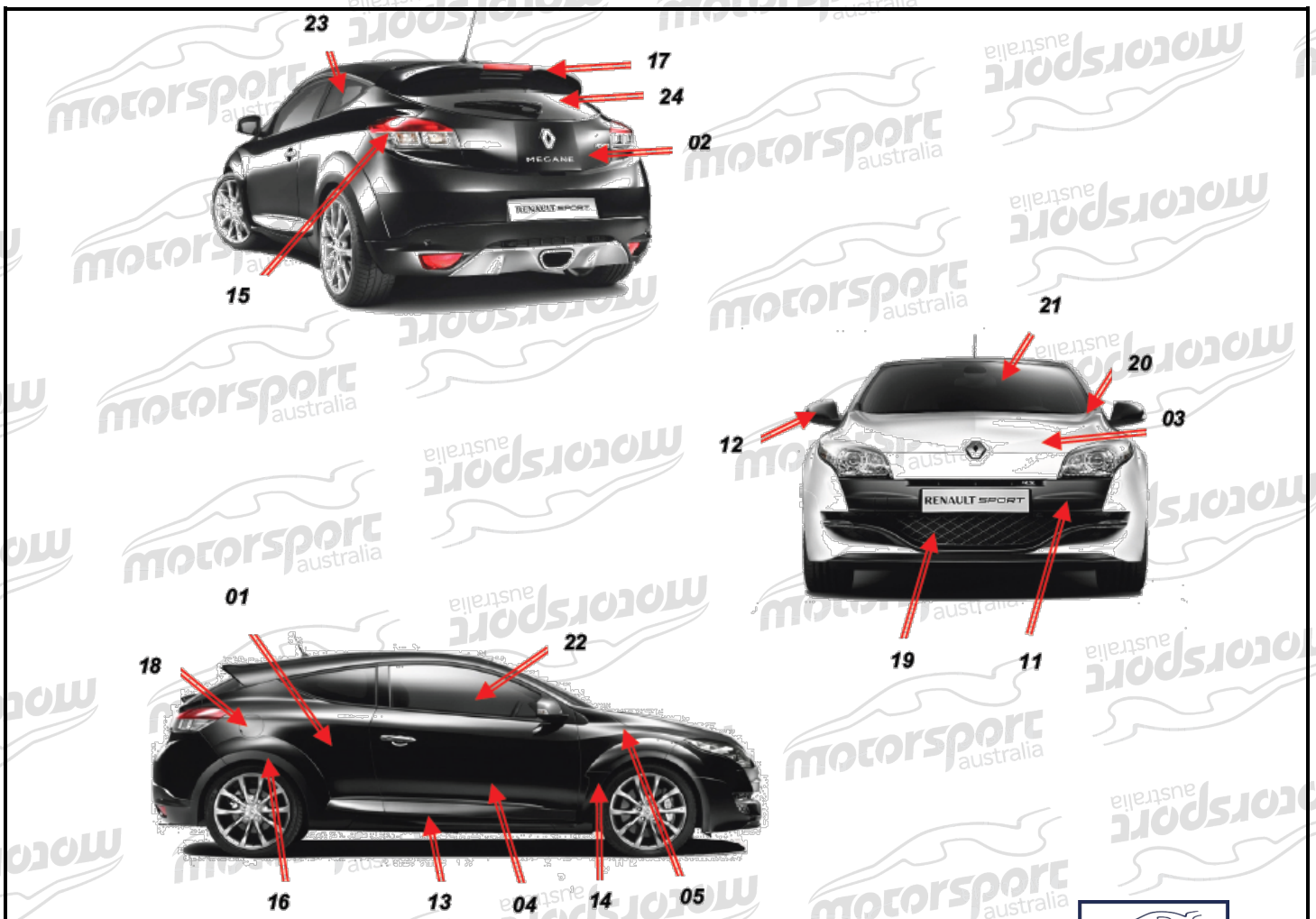
l) Material of bumper

n) Exterior Rear wiper

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

Number	Part	Material
11	BUMPERS F+R DIFUSER	PLASTIC
12	L+R MIRROR CASES	PLASTIC
13	SIDE APRON L+R	PLASTIC
14	FRONT WING L+R	PLASTIC
15	HEADLAMP L+R	PLASTIC
16	REAR WING L+R	PLASTIC
17	SPOILER	PLASTIC
18	FUEL TRAP	PLASTIC
19	GRILLE	PLASTIC
20	WINDSCREEN APETURE	PLASTIC





COMPLEMENTARY INFORMATION

