

### Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



**1. GENERAL**

101. Manufacturer

NISSAN MOTOR CO (AUSTRALIA) PTY LTD

102. Commercial name(s) - Model and type

NISSAN 370Z COUPE

103. Engine capacity

3696 cm<sup>3</sup>      Corrected engine capacity      95.5 x 86 = 3696 cm<sup>3</sup>

104. Type of car construction

a) Type

<input type="checkbox"/> separate chassis	<input checked="" type="checkbox"/> monocoque
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b) Material of chassis / bodyshell

STEEL

106. Number of seats

2

**2. DIMENSIONS, WEIGHT**

Minimum Racing Weight

1463 kg

202. Overall length

4265 mm ± 1 %

203. Maximum overall width

1845 mm ± 1 %      Where measured      At Front Axle or Mirror Tip To Mirror Tip      1980

204. Width of bodywork

a) At front axle

1775 mm ± 1 %

b) At rear axle

1755 mm ± 1 %

206. Wheelbase      2,550 mm ± 1%

a) Front      1540 mm

b) Rear      1565 mm

**Make** Nissan **Model** 370Z **Recognition Document**

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

301. Location and position of the engine **FRONT NORTH SOUTH**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging  yes  no

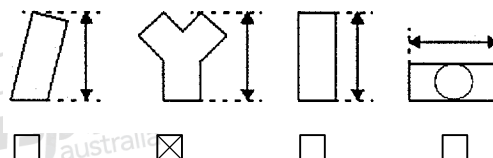
Maximum manifold pressure **N/A**

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

305. Number and layout of cylinders **6 V FORMATION**

312. Cylinder block material **ALUMINIUM**

310. Maximum compression ratio **11 : 1**



313. Sleeves a)  yes  no

b) Material **CAST IRON**

c)  wet  dry

314. Bore **95.5** +/- 0.1 mm

316. Stroke **86** +/- 0.1 mm

321. Cylinderhead a) Number **2** b) Material **ALLOY**

324. Fuel feed by injection : a) Make **NISSAN** b) Model **370Z**

f) Position of Injectors:

f1)  Manifold  Cylinderhead

325. Camshaft a) Number **4** b) Location **CYLINDER HEAD**  
c) Drive system **CHAIN** f) Type of valve operation **DOHC**

327. Intake

a) Material of manifold **PLASTIC**  
b) Number of manifold elements **TWO** c) Number of valves per cylinder **2**

328. Exhaust



- a) Material of manifold **STAINLESS STEEL**
- b) Number of manifold elements **TWO**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **50** mm ± 5%

**330. Ignition system**

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

**331 Cooling system**

Capacity **9.2 L**

- a) Number **TWO**
- b) Diameter of the fan \_\_\_\_\_ mm
- c) Material of the fan **PLASTIC**
- d) Number of blades \_\_\_\_\_
- e) Type of drive **ELECTRIC MOTOR**
- f) Automatic cut in 

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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**333. Lubrication system**

- a) Type **GEAR PUMP**
- b) Number of oil pumps **ONE**
- c) Total capacity **4.9L WITH FILTER 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 **MID**
- d) Total capacity **72 L**

**402. Fuel pump(s)**

- a) 

<input checked="" type="checkbox"/> Eleectrical	<input type="checkbox"/> Mechanical
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- b) Number **ONE**
- d) Location **ELECTRICAL – TOP OF TANK DRIVER SIDE.**

Fuel Pressure **350 TO 500KPA.**

**5. ELECTRICAL EQUIPMENT**

**502. Alternator**

- a) Number **1**
- b) Type \_\_\_\_\_
- c) Drive system **BELT**
- d) Nominal power **150** Amp

**503. Retractable headlights**

- a) 

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- b) Control system \_\_\_\_\_

**6. POWER TRAIN**

**601. Driven wheels**

- front 

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

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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**602. Clutch**

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



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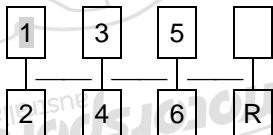
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**603. Gearbox**

- a) Location **FR – BEHIND ENGINE**
- b) Make **TL701VD90A**
- c) Type and location of control **FLOOR MOUNTED SHIFTER**
- e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>3.794</u>	_____	_____
2	_____	<u>2.324</u>	_____	_____
3	_____	<u>1.624</u>	_____	_____
4	_____	<u>1.271</u>	_____	_____
5	_____	<u>1</u>	_____	_____
6	_____	<u>0.794</u>	_____	_____
R	_____	<u>3.446</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>VISCOUS LSD</u>	
b) Ratio	<u>N/A</u>		<u>3.692</u>	
f) Oil Cooler	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
g) Cooler Type	<u>N/A</u>			

**606. Shafts**

- a) Type of longitudinal shafts **3 JOINT (CUP TYPE)**
- b) Material of longitudinal shafts **STEEL**
- c) Type of transversal half-shafts **N/A**
- d) Material of transversal half-shafts **N/A**



**7. SUSPENSION**

**701. General**

a) Type of suspension

Front		Rear	
<b><u>DOUBLE WISHBONE</u></b>		<b><u>INDEPENDENT MULTI-LINK</u></b>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
<b><u>HIGH TENSILE STEEL</u></b>		<b><u>HIGH TENSILE STEEL</u></b>	
<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
_____		_____	

**702. Helical springs**

a) Material

**703. Leaf springs**

a) Material

**704. Torsion bars**

a) Material

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

b) Effective diameter

c) Material

Front	Rear
<b><u>26.5</u></b> mm	<b><u>23</u></b> mm
<b><u>STEEL</u></b>	<b><u>STEEL</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>GAS/OIL</u></b>	<b><u>GAS/OIL</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>9</u></b> "	<b><u>10</u></b> "
<b><u>+47</u></b> mm	<b><u>+30</u></b> mm



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**803. Brakes**

a) Braking system

**FRONT = VENTILATED DISC FLOATING 4 PISTON**  
**REAR = VENTILATED DISC FLOATING 2 PISTON**

b) Number of master cylinders

**1**

c) Servo-brakes

yes  no

c1) Make and type **NISSAN BRAKE BOOSTER**

	Front	Rear
e) Number of cylinders per wheel	<b>FOUR</b>	<b>TWO</b>
f) <b>Drum brakes</b>		
f1) Internal diameter	<b>NA</b>	<b>NA</b>
f2) Number of linings per wheel	<b>NA</b>	<b>NA</b>
g) <b>Disc brakes</b>		
g1) Number of pads per wheel	<b>TWO</b>	<b>TWO</b>
g2) Number of calipers per wheel	<b>ONE</b>	<b>ONE</b>
g3) Caliper material	<b>ALUMINIUM</b>	<b>ALUMINIUM</b>
g4) Thickness of new disc	<b>32 ± 1 mm</b>	<b>20 ± 1 mm</b>
g5) External diameter of the disc	<b>355 ± 1.5 mm</b>	<b>350 ± 1.5 mm</b>
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 **DUO SERVO DRUM IN REAR DISC**

h2) Location of lever **HAND OPERATED - LEVER TYPE**

Front  Rear

h3) On which wheels

**REAR**

**804. Steering**

a) Type

Front		Rear	
<b>RACK AND PINNION</b>		<b>N/A</b>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<b>HYDRAULIC</b>		<b>N/A</b>	

b) Servo-assistance

Type of Assistance

**9. BODYWORK**

**901. Interior**

a) Ventilation

yes  no

c) Air Conditioning

yes  no

b) Heating

yes  no

f) Optional sun roof

yes  no

f1) Type

**N/A**

f2) Control system

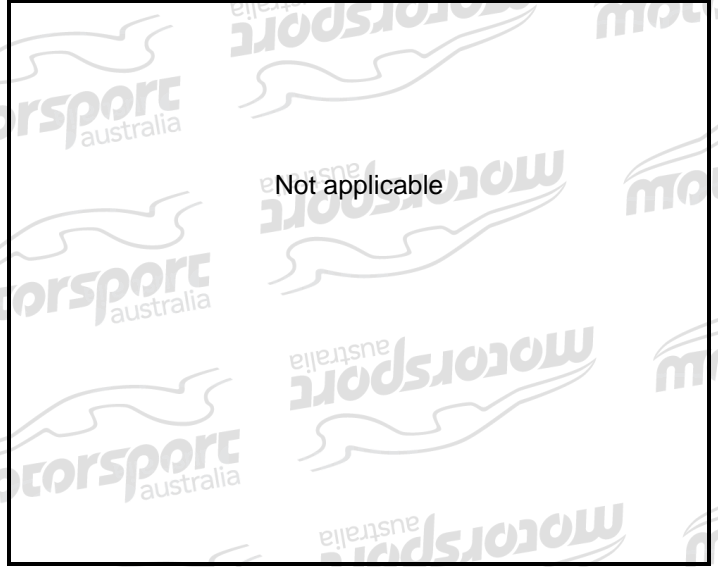
g) Opening system for side windows

Front	Rear
<b>ELECTRIC</b>	<b>FIXED</b>



X) Dashboard

Y) Sunroof



**902. Exterior**

a) Number of doors **2**

b) Tailgate

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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c) Door material

Front	Rear
<b><u>ANTI CORROSION SHEET STEEL</u></b>	<b><u>ANTI CORROSION SHEET STEEL</u></b>

d) Front bonnet material

**ALUMINIUM**

e) Rear bootlid / tailgate material

**ANTI CORROSION HIGH STRENGTH STEEL**

f) Bodywork material

**ANTI CORROSION SHEET 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>

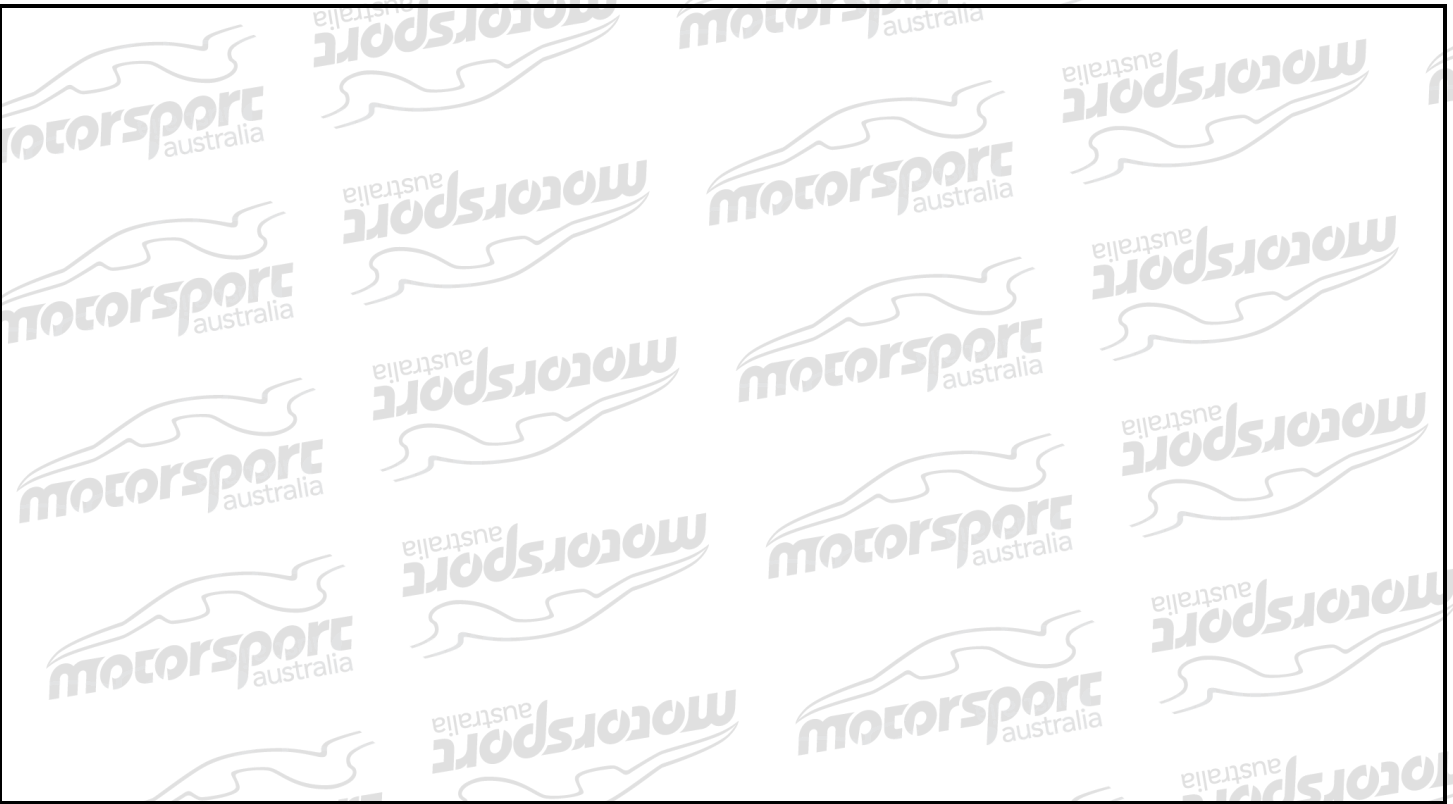
l) Material of bumper

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



COMPLEMENTARY INFORMATION