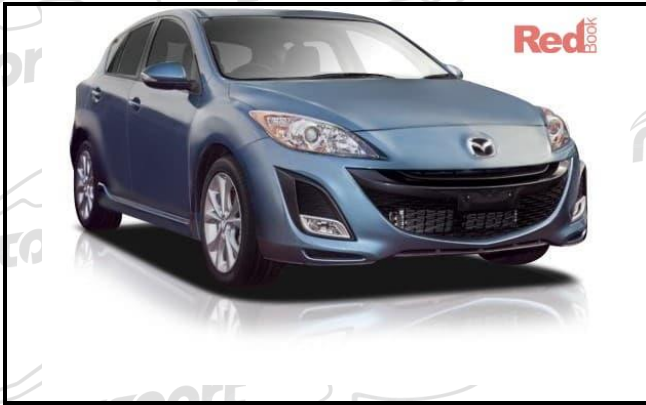


Group 3E Recognition Document

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



1. GENERAL

- 101. Manufacturer **MAZDA**
- 102. Commercial name(s) - Model and type **3 SP25 SERIES 1**
- 103. Engine capacity **2488** cm³ Corrected engine capacity **2488 = 2488** cm³

- 104. Type of car construction

a) Type	<input type="checkbox"/> separate chassis	<input checked="" type="checkbox"/> monocoque
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- 104. b) Material of chassis / bodyshell **STEEL**

- 106. Number of seats **5**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **1305** kg
- 202. Overall length **4490** mm ± 1 %
- 203. Maximum overall width **2000** mm ± 1 % Where measured **EXTERNAL MIRRORS**
- 204. Width of bodywork

a) At front axle	1755 mm ± 1 %
b) At rear axle	1750 mm ± 1 %
- 206. Wheelbase **2640** mm ± 1 %
- 207. Maximum track

a) Front	1530 mm	b) Rear	1515 mm
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Make **Mazda** Model **3 SP25 Series 1**

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

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

302. Number of mounts **3**

Engine in its compartment



304. Supercharging

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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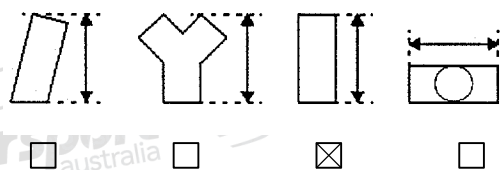
Maximum manifold pressure (additional) **N/A**

Type and number of compressors **0**

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

312. Cylinder block material **ALUMINIUM**

310. Maximum compression ratio **9.7 : 1**



313. Sleeves

a) yes no

b) Material **XXXX**

c) wet dry

314. Bore **89.0** +0/- 0.1 mm

316. Stroke **100.0** +0/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material **ALUMINIUM**

324. Fuel feed by injection : a) Make _____

b) Model _____

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft

a) Number

2

b) Location

CYLINDER HEAD

c) Drive system

CHAIN

f) Type of valve operation

OVERHEAD BUCKET & SHIM

327. Intake

a) Material of manifold

ALUMINIUM

b) Number of manifold elements

1

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

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 **XX** mm ± 5%

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **XXXX**
- d) Number of coils **4**

331. Cooling system

Capacity **7.5** L

332. Cooling fan

- a) Number **1**
- b) Diameter of the fan **390** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **7**
- e) Type of drive **ELECTRIC**
- f) Automatic cut in

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

333. Lubrication system

- a) Type _____
- b) Number of oil pumps **1**
- c) Total capacity **6.4** L
- e) Location of the cooler(s) _____
- f) Type of the cooler(s) _____

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **REAR**
- d) Total capacity **60**L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Eleetrical	<input type="checkbox"/> Mechanical
--	-------------------------------------
- b) Number _____
- d) Location _____
- Fuel Pressure _____

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type _____
- c) Drive system **MULTI RIB V-BELT**
- d) Nominal power **110** Amp

503. Retractable headlights

- a)

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

6. POWER TRAIN

601. Driven wheels

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

602. Clutch

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

603. Gearbox

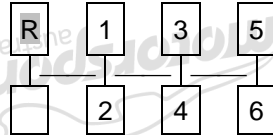
- a) Location **ENGINE BAY**
- b) Make **MAZDA**
- c) Type and location of control **CABLE FLOOR SHIFT**



e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>3.214</u>	___	___
2	_____	<u>1.913</u>	___	___
3	_____	<u>1.366</u>	___	___
4	_____	<u>1.025</u>	___	___
5	_____	<u>0.948</u>	___	___
6	_____	<u>0.790</u>	___	___
R	_____	<u>3.456</u>	___	___
Constant	_____	_____	___	___

f) Gear change gate



604. Transfer box / Centre differential

a) Ratios

XXXX

c) Control system of transfer box

XXXX

d) Type of central differential

XXXX

605. Final drive

a) Type of final drive

Front

Rear

b) Ratio

4.187(1ST-4TH) & 3.526(5TH-6TH)

XXXX

XXXX

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

XXXX

606. Shafts

a) Type of longitudinal shafts

XXXX

b) Material of longitudinal shafts

XXXX

c) Type of transversal half-shafts

CONSTANT VELOCITY

d) Material of transversal half-shafts

STEEL

7. SUSPENSION

701. General

a) Type of suspension

Front

Rear

MCPHERSON STRUT

MULTI-LINK

702. Helical springs

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

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
26.0 mm	25.0 mm
STEEL	STEEL

707. Suspension Dampers

a) Number per wheel

b) Type

c) Principle of operation

Front	Rear
1	1
TELESCOPIC	TELESCOPIC
HYDRAULIC	HYDRAULIC

8. WHEELS

801. Wheels

a) Diameter

b) Width

c) Offset

Front	Rear
17"	17"
7"	7"
+52 mm	+52 mm

803. Brakes

a) Braking system

b) Number of master cylinders

c) Servo-brakes

HYDRAULIC - ABS

1

yes no

c1) Make and type

VACCUUM

	Front	Rear
e) Number of cylinders per wheel	_____	_____
f) Drum brakes	_____	_____



Make **Mazda** Model **3 SP25 Series 1**

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f1) Internal diameter	<u>XXXX</u>	<u>XXXX</u>
f2) Number of linings per wheel	<u>XXXX</u>	<u>XXXX</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>25 ± 1 mm</u>	<u>11 ± 1 mm</u>
g5) External diameter of the disc	<u>300 ± 1.5 mm</u>	<u>280 ± 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 **MANUALLY OPERATED LEVER**

h2) Location of lever **FRONT TUNNEL**

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

804. Steering

a) Type

Front		Rear	
<u>RACK & PINION</u>		<u>XXXX</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<u>ELECTRO-HYDRAULIC</u>		<u>XXXX</u>	

b) Servo-assistance

Type of Assistance

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
---	-----------------------------

c) Air Conditioning

f) Optional sun roof

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

f1) Type _____

f2) Control system _____

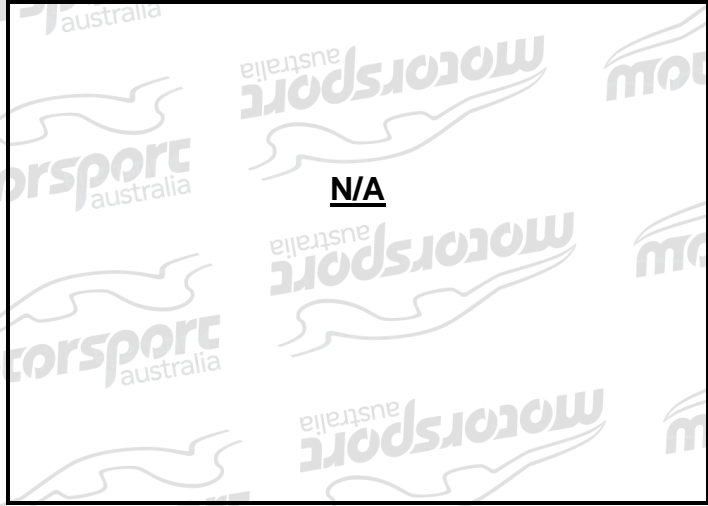
g) Opening system for side windows

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

X) Dashboard

Y) Sunroof





N/A

902. Exterior

a) Number of doors 4

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

STEEL

e) Rear bootlid / tailgate material

STEEL

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

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
1	Rear Wing	Plastic
2	Side skirts	Plastic
3	Headlights	Plastic
4	Taillights	Plastic
5	External mirrors	Plastic
6	Bonnet air intake	Plastic



COMPLEMENTARY INFORMATION