

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

6 TOURING SEDAN DIESEL

103. Engine capacity

2.2 cm³

Corrected engine capacity

_____ x _____ = _____ cm³

104. Type of car construction

a) Type

☐

separate chassis

☒

monocoque

b) Material of chassis / bodyshell **MILD STEEL**

106. Number of seats

5 SEATS

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1471 kg

202. Overall length

4865 mm ± 1 %

203. Maximum overall width

1840 mm ± 1 %

Where measured _____

204. Width of bodywork

a) At front axle

_____ mm ± 1 %

b) At rear axle

_____ mm ± 1 %

206. Wheelbase **2830** mm ± 1%

207. Maximum track

a) Front **1585** mm

b) Rear **1575** mm

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3. ENGINE

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

301. Location and position of the engine

LATITUDE, TRANSVERSAL

302. Number of mounts

4 MOUNTS

Engine in its compartment



304. Supercharging

☒ yes☐ no

Maximum manifold pressure

2.7 MAXIMIN BAR

Type and number of compressors

2 TURBOCHARGERS

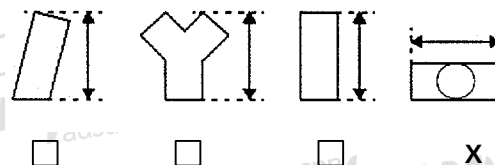
305. Number and layout of cylinders

4

312. Cylinder block material

ALLOY

310. Maximum compression ratio

14.0 : 1

313. Sleeves

a)

☐ yes☒ no

b) Material

c)

☐ wet☐ dry

314. Bore

86.0 +0/- 0.1 mm

316. Stroke

94.0 +0/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material

ALLOY

324. Fuel feed by injection : a) Make

b) Model

f) Position of Injectors:

f1)

☐ Manifold☒ Cylinderhead

325. Camshaft a) Number

DOHC

b) Location

OHV

c) Drive system

CHAIN

f) Type of valve operation

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

2

c) Number of valves per cylinder

4

328. Exhaust

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- a) Material of manifold **STEEL**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **4**
- p) External Diameter of exhaust pipe between manifold and first silencer _____ mm $\pm$ 5%

330. Ignition system

- a) Type _____
- b) Number of plugs per cylinder _____
- c) Number of distributors _____
- d) Number of coils _____

331. Cooling system Capacity **8.8** 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
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333. Lubrication system

- a) Type _____
- b) Number of oil pumps _____
- c) Total capacity **6.0** 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 **62** L

402. Fuel pump(s)

- a)

☐ Eleectrical	☒ Mechanical
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- b) Number **1**
- d) Location **ENGINE**
- Fuel Pressure _____

5. ELECTRICAL EQUIPMENT**502. Alternator**

- a) Number **1**
- b) Type **GENERATOR**
- c) Drive system **BELT**
- d) Nominal power **UP TO 163** Amp

503. Retractable headlights

- a)

☐ yes	☒ no
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- b) Control system _____

6. POWER TRAIN

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front



yes



no

rear



yes



no

602. Clutch

a) Type

b) Control system

603. Gearbox

a) Location

ENGINE BAY

b) Make

MAZDA

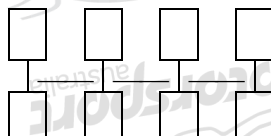
c) Type and location of control

CABLE CENTER CONSOLE

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>3.487</u>	_____	_____
2	_____	<u>1.992</u>	_____	_____
3	_____	<u>1.449</u>	_____	_____
4	_____	<u>1.00</u>	_____	_____
5	_____	<u>0.707</u>	_____	_____
6	_____	<u>0.600</u>	_____	_____
R	_____	<u>3.990</u>	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate

**604. Transfer box / Centre differential**

a) Ratios

c) Control system of transfer box

d) Type of central differential

605. Final drive

a) Type of final drive

Front**LSD****Rear**

b) Ratio

3.804

f) Oil Cooler



yes



no



yes



no

g) Cooler Type

606. Shafts

a) Type of longitudinal shafts

b) Material of longitudinal shafts

c) Type of transversal half-shafts

d) Material of transversal half-shafts

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7. SUSPENSION**701. General**

a) Type of suspension

Front		Rear	
<u>MACPHERSON STRUT</u>		<u>MULTI LINK</u>	
☒ yes	☐ no	☒ yes	☐ no
<u>STEEL</u>		<u>STEEL</u>	
☐ yes	☒ no	☐ yes	☒ no
_____		_____	
☐ yes	☒ no	☐ yes	☒ 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
_____ mm	_____ mm
<u>STEEL</u>	<u>STEEL</u>

707. Suspension Dampers

a) Number per wheel

b) Type

c) Principle of operation

Front	Rear
<u>1</u>	<u>1</u>
<u>GAS</u>	<u>GAS</u>
_____	_____

8. WHEELS**801. Wheels**

a) Diameter

b) Width

c) Offset

Front	Rear
<u>17"/7.5"</u>	<u>17"/7.5"</u>
<u>225</u>	<u>225</u>
<u>50</u> mm	<u>50</u> mm

803. Brakes

a) Braking system

b) Number of master cylinders

VENTILATED DISC**1**

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c) Servo-brakes

☒ yes ☐ no

c1) Make and type

MAZDA

	Front	Rear
e) Number of cylinders per wheel	_____	_____
f) Drum brakes		
f1) Internal diameter	_____	_____
f2) Number of linings per wheel	_____	_____
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	ALLOY	ALLOY
g4) Thickness of new disc	<u>26</u> ± 1 mm	<u>26</u> ± 1 mm
g5) External diameter of the disc	_____ ± 1.5 mm	_____ ± 1.5 mm
g9) Ventilated discs	☒ yes ☐ no	☐ yes ☒ no

h) Parking brake: h1) Control system **HYDRAULIC**h2) Location of lever **CENTER CONSOLE**
☐ Front ☒ Rear
804. Steering

a) Type

b) Servo-assistance

Type of Assistance

Front		Rear	
RACK AND PINION		_____	
☒ yes	☐ no	☐ yes	☐ no
HPAS		_____	

9. BODYWORK**901. Interior**

a) Ventilation

c) Air Conditioning

X	yes	☐ no
X	yes	☐ no

b) Heating

X	yes	☐ no
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f) Optional sun roof

☐ yes	X no
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f1) Type _____

f2) Control system _____

g) Opening system for side windows

Front	Rear
POWER WINDOWS	POWER WINDOWS

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X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors **4**

b) Tailgate

☒ yes☐ no

c) Door material

Front

Rear

STEEL**STEEL**

d) Front bonnet material

STEEL

e) Rear bootlid / tailgate material

STEEL

f) Bodywork material

STEEL

h) Rear window material

GLASSi) Rear quarter window material **GLASS**

k) Side window material

Front

Rear

GLASS**GLASS**

l) Material of bumper

PLASTIC**PLASTIC**

n) Exterior Rear wiper

☒ yes☐ no

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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material

Drawing / photo required

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COMPLEMENTARY INFORMATION