

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 MPS

103. Engine capacity

2261 cm³

Corrected engine capacity

_____ x _____ = _____ cm³

104. Type of car construction

a) Type

☐

separate chassis

☒

monocoque

b) Material of chassis / bodyshell

STEEL

106. Number of seats

5 SEATS

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1628 kg

202. Overall length

4690MM mm ± 1 %

203. Maximum overall width

1780MM mm ± 1 %

Where measured

204. Width of bodywork

a) At front axle

_____ mm ± 1 %

b) At rear axle

_____ mm ± 1 %

206. Wheelbase 2675MM mm ± 1%

207. Maximum track

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3-13-010a) Front **1540** mmb) Rear **1540** mm**3. ENGINE**

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

301. Location and position of the engine

FRONT ENGINE, INLINE

302. Number of mounts

3 MOUNTS

Engine in its compartment



304. Supercharging

☒ yes☐ no

Maximum manifold pressure

1.1 BAR

Type and number of compressors

SINGLE TURBO CHARGER

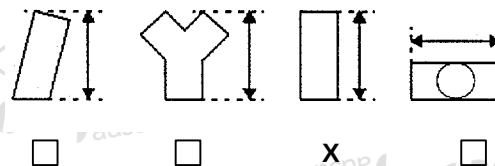
305. Number and layout of cylinders

4

312. Cylinder block material

ALLOY

310. Maximum compression ratio

9.5 : 1

313. Sleeves

a)

☐ yes☒ no

b) Material

c)

☐ wet☐ dry

314. Bore

87.5MM +0/- 0.1 mm

316. Stroke

94MM +0/- 0.1 mm

321. Cylinderhead

a) Number **4**

b) Material

ALLOY324. Fuel feed by injection : a) Make **DIRECT INJECTION** b) Model **MPI**

f) Position of Injectors:

f1)

☐ Manifold☒ X Cylinderhead

325. Camshaft a) Number

2

b) Location

c) Drive system

CHAIN

f) Type of valve operation

327. Intake

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a) Material of manifold **PLASTIC**b) Number of manifold elements **2**c) Number of valves per cylinder **4****328. Exhaust**a) Material of manifold **STAINLESS STEEL**b) Number of manifold elements **2**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 **SEI (SINGLE ELECTRONIC IGNITION)**b) Number of plugs per cylinder **1**

c) Number of distributors

d) Number of coils **4****331. Cooling system**Capacity **8.0 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 _____

f) Automatic cut in

☒ yes☐ no**333. Lubrication system**a) Type **WET SUMP**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 **MOUNTED INFRONT OF REAR AXLE**d) Total capacity **60 L****402. Fuel pump(s)**a) ☒ Electrical ☒ Mechanicalb) Number **2**d) Location **IN TANK & ENGINE** Fuel Pressure **IN TANK 33PSI & ENGINE PUMP 60-71PSI****5. ELECTRICAL EQUIPMENT****502. Alternator**a) Number **1**b) Type **GENERATOR**c) Drive system **BELT DRIVE**d) Nominal power **100 Amp****503. Retractable headlights**a) ☐ yes ☒ no

b) Control system _____

6. POWER TRAIN**601. Driven wheels**front ☒ yes ☐ norear ☒ yes ☐ no**602. Clutch**

a) Type _____

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b) Control system _____

603. Gearboxa) Location **FRONT LEFT**

b) Make _____

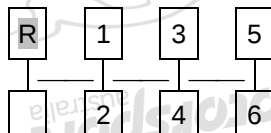
c) Type and location of control

CABLE

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	3.538	_____	_____
2	_____	2.238	_____	_____
3	_____	1.535	_____	_____
4	_____	1.171	_____	_____
5	_____	1.085	_____	_____
6	_____	0.853	_____	_____
R	_____	3.831	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate

**604. Transfer box / Centre differential**

a) Ratios _____

c) Control system of transfer box

ELCETRONIC

d) Type of central differential

FLUID COUPLING**605. Final drive**

a) Type of final drive _____

b) Ratio _____

f) Oil Cooler

☐

yes

☐

no

☐

yes

☐

no

g) Cooler Type _____

Front		Rear	
_____		LSD	
_____		3.9 – 3.3	
☐	yes	☐	no
☐	no	☐	yes
_____		_____	

606. Shafts

a) Type of longitudinal shafts

CONSTANT VELOCITY JOINT

b) Material of longitudinal shafts

STEEL

c) Type of transversal half-shafts

DOUBLE OFFSET JOINT, BELL JOINT, TRIPOD**JOINT**

d) Material of transversal half-shafts

STEEL

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a) Type of suspension

Front		Rear	
<u>HIGH MOUNT DOUBLE WISHBONE</u>		<u>E-TYPE MULTI LINK</u>	
☒ yes	☐ no	☒ yes	☐ no
<u>CYLINDER</u>		<u>CYLINDER</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
<u>24</u> mm	<u>23</u> 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>18</u> "	<u>18</u> "
<u>7</u> "	<u>7</u> "
<u>55</u> mm	<u>55</u> mm

803. Brakes

a) Braking system

b) Number of master cylinders

4 WHEEL DISC BRAKES, ABS, EBD,**1**

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c) Servo-brakes

☒ yes ☐ no

c1) Make and type _____

	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	<u>ALLOY</u>	<u>ALLOY</u>
g4) Thickness of new disc	<u>22 MIN</u> ± 1 mm	<u>9 MIN</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
HYDRAULIC		_____	

9. BODYWORK**901. Interior**

a) Ventilation

☒ yes	☐ no
☒ yes	☐ no

c) Air Conditioning

b) Heating

☒ yes	☐ no
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f) Optional sun roof

☐ yes	☒ no
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f1) Type _____

f2) Control system _____

g) Opening system for side windows

Front	Rear
POWER	POWER

X) Dashboard

Y) Sunroof

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photo required

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

GLASS

i) 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

Make

Mazda

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COMPLEMENTARY INFORMATION