

Group 3E RECOGNITION FORM

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 MPS BK

103. Engine capacity

2261 cm³

Corrected engine capacity

2261 x 1.7 = **3844** cm³

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

1417 kg

202. Overall length

4430 mm ± 1 %

203. Maximum overall width

1930 mm ± 1 %

Where measured

EXTERNAL MIRROR

204. Width of bodywork

a) At front axle

1770mm ± 1 %

b) At rear axle

1750mm ± 1 %

206. Wheelbase **2640** mm ± 1%

207. Maximum track

a) Front **1535** mm

b) Rear **1525** 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 **FRONT, EAST-WEST**

302. Number of mounts **3**

Engine in its compartment



304. Supercharging

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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Maximum manifold pressure

1.10 BAR

Type and number of compressors

SINGLE TURBO

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

312. Cylinder block material

ALUMINIUM ALLOY

310. Maximum compression ratio

9.5: 1



<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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313. Sleeves

a) <input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	b) Material
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c) <input type="checkbox"/> wet	<input type="checkbox"/> dry
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314. Bore **87.5**+0/- 0.1 mm

316. Stroke **94.0**+0/- 0.1 mm

321. Cylinderhead a) Number **1**

b) Material **ALUMINIUM ALLOY**

324. Fuel feed by injection : a) Make _____ b) Model _____

f) Position of Injectors

f1) <input type="checkbox"/> Manifold	<input checked="" type="checkbox"/> Cylinderhead
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325. Camshaft a) Number **2** b) Location

HEAD

c) Drive system **CHAIN** f) Type of valve operation

OVERHEAD SHIM & BUCKET

327. Intake

a) Material of manifold **ALUMINIUM ALLOY**

b) Number of manifold elements **1**

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

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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 **76 mm ± 5%**

330. Ignition system

- a) Type **SINGLE ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- 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
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333. Lubrication system

- a) Type **FORCE-FED**
- c) Total capacity **6.4 L**
- e) Location of the cooler(s) **FRONT ENGINE**
- f) Type of the cooler(s) **AIR COOLED**

4. FUEL CIRCUIT

401. Fuel tank

- a) Number **1**
- b) Location **REAR**
- d) Total capacity **90 L**
- e) Filler hole locations **REAR**

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Elelectrical	<input checked="" type="checkbox"/> Mechanical
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- b) Number **2**

d) Location **ENGINE & TANK**

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type **ALTERNATOR**
- c) Drive system **V-RIBBED BELT**
- d) Nominal power **110 Amp**

503. Retractable headlights

- a)

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

6. POWER TRAIN

601. Driven wheels

- front

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

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

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



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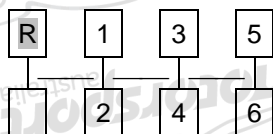
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603. Gearbox

- a) Location **FRONT**
- b) Make **MAZDA A26M-R**
- c) Type and location of control **CABLE FLOOR SHIFT**
- 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 **XXXX**
- c) Control system of transfer box **XXXX**
- d) Type of central differential **XXXX**

605. Final drive

a) Type of final drive

	Front	Rear
a) Type of final drive	TRANSAXLE	N/A
b) Ratio	3.941(1ST - 4TH), 3.350(5TH - 6TH)	N/A
f) Oil Cooler	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
g) Cooler Type	N/A	N/A

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**

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7. SUSPENSION

701. General

	Front	Rear
a) Type of suspension	<u>STRUT</u>	<u>MULTILINK</u>
702. Helical springs	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
a) Material	<u>STEEL</u>	<u>STEEL</u>
703. Leaf springs	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<u>XXXX</u>	<u>XXXX</u>

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	<u>26</u> +/-0.2mm	<u>25</u> +/-0.2mm
c) Material	<u>STEEL</u>	<u>STEEL</u>

707. Suspension Dampers

	Front	Rear
a) Number per wheel	<u>1</u>	<u>1</u>
b) Type	<u>CYLINDRICAL DOUBLE ACTING</u>	<u>CYLINDRICAL DOUBLE ACTING</u>
c) Principle of operation	<u>TELESCOPIC</u>	<u>TELESCOPIC</u>

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>18</u> "	<u>18</u> "
b) Width	<u>7</u> "	<u>7</u> "

803. Brakes

a) Braking system

ABS

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1)

Make and type _____



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	Front	Rear
e) Number of cylinders per wheel	_____	_____
f) Drum brakes		
f1) Internal diameter	<u>N/A</u> ± 1.5 mm	<u>N/A</u> ± 1.5 mm
f2) Number of linings per wheel	<u>N/A</u>	<u>N/A</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>
g4) Thickness of new disc	<u>25</u> ± 1 mm	<u>11</u> ± 1 mm
g5) External diameter of the disc	<u>320</u> ± 1.5 mm	<u>280</u> ± 1.5 mm
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

h3) On which wheels

<input type="checkbox"/> Front	<input checked="" type="checkbox"/> Rear
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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>ENGINE SPEED POWER ASSISTED</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 type="checkbox"/> yes	<input checked="" type="checkbox"/> no

b) Heating

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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c) Air Conditioning

f) Optional sun roof

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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f1) Type

N/A

f2) Control system

N/A

g) Opening system for side windows

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

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X) Dashboard

Y) Sunroof



902. Exterior

a) Number of doors **4**

b) Tailgate

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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Front	Rear
<u>SHEET METAL</u>	<u>SHEET METAL</u>

c) Door material

d) Front bonnet material

SHEET METAL

e) Rear bootlid / tailgate material

SHEET METAL

f) Bodywork material

SHEET METAL

h) Rear window material

GLASS

i) Rear quarter window material

GLASS

k) Side window material

Front	Rear
<u>GLASS</u>	<u>GLASS</u>
<u>PLASTIC</u>	<u>PLASTIC</u>

l) Material of bumper

n) Exterior Rear wiper

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

Number	Part	Material
1	Rear Wing	Plastic
2	Side Skirt	Plastic
3	Head Lights	Plastic
4	Tail Lights	Plastic

Drawing / photo required

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COMPLEMENTARY INFORMATION

