

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 SP23 SERIES 1 (BK)**
- 103. Engine capacity **2260** cm³ Corrected engine capacity **2260 = 2260** cm³
- 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 **5**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **1227** kg
- 202. Overall length **4540** 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 **1755** mm ± 1 %
- 206. Wheelbase **2640** mm ± 1 %
- 207. Maximum track
 - a) Front **1530** mm
 - b) Rear **1515** mm

Make **Mazda** Model **3 SP23 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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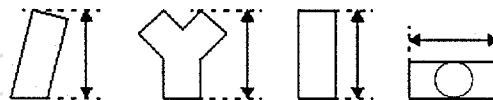
Maximum manifold pressure (additional) **N/A**

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**



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

a) yes no

b) Material **XXXX**

c) wet dry

314. Bore **87.5** +0/- 0.1 mm

316. Stroke **94.0** +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
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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 **60L**

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Elelectrical	<input type="checkbox"/> Mechanical
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- 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
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- 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**



Make **Mazda** Model **3 SP23 Series 1**

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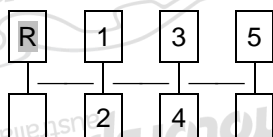
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603. Gearbox

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

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	3.214	_____	_____
2	_____	1.913	_____	_____
3	_____	1.366	_____	_____
4	_____	1.025	_____	_____
5	_____	0.948	_____	_____
6	_____	N/A	_____	_____
R	_____	3.456	_____	_____
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 _____
- b) Ratio (TBC) **4.187**
- f) Oil Cooler yes no
- g) Cooler Type _____

	Front	Rear
a) Type of final drive	_____	XXXX
b) Ratio (TBC)	4.187	XXXX
f) Oil Cooler	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> 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

	Front	Rear
a) Type of suspension	<u>MCPHERSON STRUT</u>	<u>MULTI-LINK</u>
702. Helical springs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<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	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	<u>XXXX</u>	<u>XXXX</u>
704. Torsion bars	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<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>26.0</u> mm	<u>25.0</u> mm
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>TELESCOPIC</u>	<u>TELESCOPIC</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>17"</u>	<u>17"</u>
b) Width	<u>6.5"</u>	<u>6.5"</u>
c) Offset	<u>+52</u> mm	<u>+52</u> mm

803. Brakes

a) Braking system

HYDRAULIC - ABS

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

VACUUM

	Front	Rear
e) Number of cylinders per wheel	<u>1</u>	<u>1</u>
f) Drum brakes	<u>XXXX</u>	<u>XXXX</u>
f1) Internal diameter	<u>XXXX</u>	<u>XXXX</u>
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>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
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804. **Steering**

- a) Type
b) Servo-assistance

Type of Assistance

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>	

9. **BODYWORK**

901. **Interior**

- a) Ventilation
c) Air Conditioning

<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
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- f) Optional sun roof

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

