

**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 WAGON DIESEL**

103. Engine capacity

**2200** cm<sup>3</sup> Corrected engine capacity \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ cm<sup>3</sup>

104. Type of car construction

a) Type

<input type="checkbox"/>	separate chassis	<input checked="" type="checkbox"/>	monocoque
--------------------------	------------------	-------------------------------------	-----------

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

106. Number of seats

**5 SEATS**

**2. DIMENSIONS, WEIGHT**

Minimum Racing Weight

\_\_\_\_\_ kg

202. Overall length

**4800** 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 **2750** mm ± 1 %

207. Maximum track

a) Front **1585** mm

b) Rear **1575** mm



**Make** Mazda **Model** 6 Touring Wagon Diesel **SPC Recognition Document**

**3-13-013**

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

301. Location and position of the engine **LATITUDE, TRASNVERSAL**

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** +/- 0.1 mm

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

321. Cylinderhead a) Number **1** b) Material **ALLOY**

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

f) Position of Injectors:

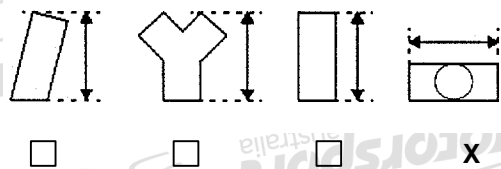
f1)  Manifold  Cylinderhead

325. Camshaft a) Number **DOHC** b) Location **OHV**  
 c) Drive system **CHAIN** f) Type of valve operation **CAM**

327. Intake

a) Material of manifold **PLASTIC**  
 b) Number of manifold elements **2** c) Number of valves per cylinder **4**

328. Exhaust



**Make** Mazda **Model** 6 Touring Wagon Diesel

**SPC Recognition Document**

**3-13-013**

- 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 ± 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 

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

**333. Lubrication system**

- a) Type \_\_\_\_\_
- b) Number of oil pumps **1**
- 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) 

<input type="checkbox"/> Eleectrical	<input checked="" type="checkbox"/> Mechanical
--------------------------------------	--

 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) 

<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 \_\_\_\_\_
- b) Control system \_\_\_\_\_

**603. Gearbox**

- a) Location **ENGINE BAY** b) Make **MAZDA**





**Make** Mazda

**Model** 6 Touring Wagon Diesel

**SPC Recognition Document**

**3-13-013**

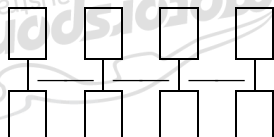
c) Type and location of control

**CABLE CENTER CONSOLE**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<b>3.487</b>	_____	_____
2	_____	<b>1.992</b>	_____	_____
3	_____	<b>1.449</b>	_____	_____
4	_____	<b>1.000</b>	_____	_____
5	_____	<b>0.707</b>	_____	_____
6	_____	<b>0.600</b>	_____	_____
R	_____	<b>3.990</b>	_____	_____
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

b) Ratio

f) Oil Cooler

g) Cooler Type

	Front	Rear
a) Type of final drive	<b>LSD</b>	_____
b) Ratio	<b>3.804</b>	_____
f) Oil Cooler	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> 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 \_\_\_\_\_



**Make** Mazda

**Model** 6 Touring Wagon Diesel

**SPC Recognition Document**

**3-13-013**

**7. SUSPENSION**

**701. General**

	Front		Rear	
a) Type of suspension	<b>MAC PHERSON STRUT</b>		<b>MULTI LINK</b>	
<b>702. Helical springs</b>	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
a) Material	<b>STEEL</b>		<b>STEEL</b>	
<b>703. Leaf springs</b>	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	_____		_____	
<b>704. Torsion bars</b>	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	_____		_____	

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

	Front	Rear
b) Effective diameter	<b>MEASURE ON VEHICLE</b> mm	_____ mm
c) Material	<b>STEEL</b>	<b>STEEL</b>

**707. Suspension Dampers**

	Front	Rear
a) Number per wheel	<b>1</b>	<b>1</b>
b) Type	<b>GAS</b>	<b>GAS</b>
c) Principle of operation	_____	_____

**8. WHEELS**

**801. Wheels**

	Front	Rear
a) Diameter	<b>17.75J"</b>	<b>17.75J"</b>
b) Width	<b>225</b>	<b>225</b>
c) Offset	<b>50</b> mm	<b>50</b> mm

**803. Brakes**

a) Braking system

**VENTILATED DISC**

b) Number of master cylinders

**1**

c) Servo-brakes

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

c1) Make and type

**MAZDA**



**Make** Mazda

**Model** 6 Touring Wagon Diesel

**SPC Recognition Document**

**3-13-013**

	Front	Rear
e) Number of cylinders per wheel	_____	_____
f) <b>Drum brakes</b>	_____	_____
f1) Internal diameter	_____	_____
f2) Number of linings per wheel	_____	_____
g) <b>Disc brakes</b>		
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>26 MIN THICK ± 1 mm</u>	<u>8 MIN THICK ± 1 mm</u>
g5) External diameter of the disc	_____ ± 1.5 mm	_____ ± 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 **HYDRAULIC**

h2) Location of lever **CENTER CONSOLE**

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

**804. Steering**

a) Type

b) Servo-assistance

Type of Assistance

Front		Rear	
<b>RACK &amp; PINION</b>		_____	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
<b>HPAS</b>		_____	

**9. BODYWORK**

**901. Interior**

a) Ventilation

c) Air Conditioning

b) Heating

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

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

f) Optional sun roof

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

f1) Type \_\_\_\_\_

f2) Control system \_\_\_\_\_

g) Opening system for side windows

Front	Rear
_____	_____

X) Dashboard

Y) Sunroof



**Make** Mazda

**Model** 6 Touring Wagon Diesel

**SPC Recognition Document**

**3-13-013**



**902. Exterior**

a) Number of doors **5**

b) Tailgate  yes  no

c) Door material

Front	Rear
<b><u>S</u></b>	<b><u>STEEL</u></b>

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

**GLAAA**

k) Side window material

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

l) Material of bumper

**PLASTIC**

**PLASTIC**

n) Exterior Rear wiper

yes  no

**XIII) NON METALLIC PARTS OF THE BODY**





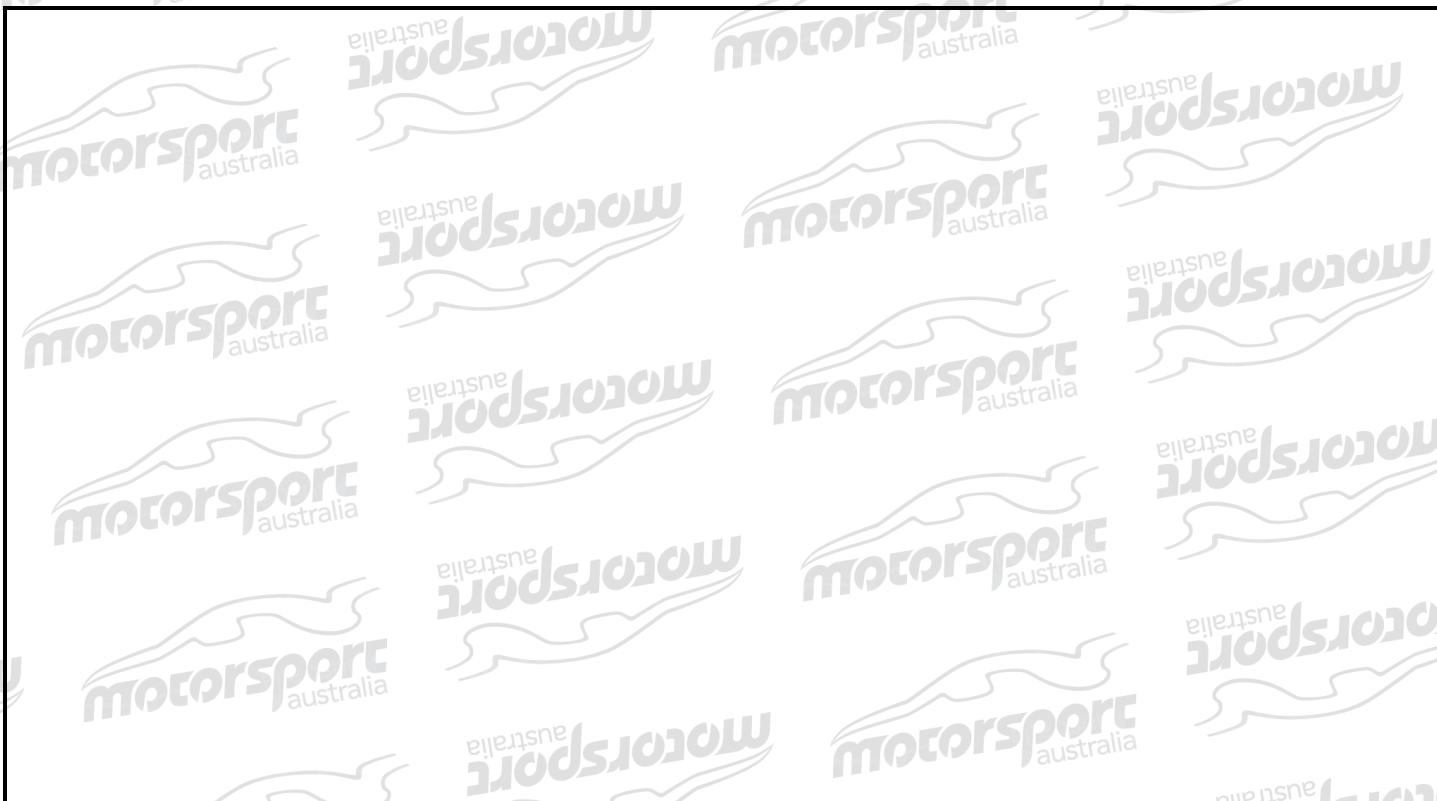
**Make** Mazda

**Model** 6 Touring Wagon Diesel

**SPC Recognition Document**

**3-13-013**

Number	Part	Material





**Make** Mazda

**Model** 6 Touring Wagon Diesel

**SPC Recognition Document**

**3-13-013**

**COMPLEMENTARY INFORMATION**

