

**Group 3E RECOGNITION DOCUMENT**

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



**1. GENERAL**

101. Manufacturer

**MITSUBISHI MOTORS CORP.**

102. Commercial name(s) - Model and type

**LANCER EVOLUTION VIII RS (CT9A)**

103. Engine capacity

**1997.4 cm<sup>3</sup> Corrected engine capacity 1997.4 x 1.7 = 3395.6 cm<sup>3</sup>**

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

**1466 kg**

202. Overall length

**4490 mm ± 1 %**

203. Maximum overall width

**1770 mm ± 1 % - Where measured AT FRONT AXLE**

204. Width of bodywork

a) At front axle **1770 mm ± 1 %**

b) At rear axle **1770 mm ± 1 %**

206. Wheelbase **2625 mm ± 1 %**

207. Maximum track

a) Front **1515 mm**

b) Rear **1515 mm**

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

301. Location and position of the engine **FRONT, LATERAL, VERTICAL**

302. Number of mounts **1**

Engine in its compartment



304. Supercharging  yes  no

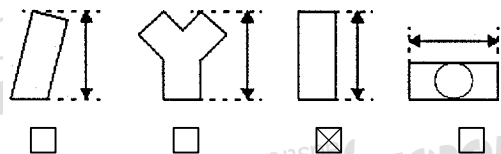
Maximum manifold pressure **1.21 BAR**

Type and number of compressors **EXHAUST TURBOCHARGER, SINGLE**

305. Number and layout of cylinders **4 IN-LINE**

312. Cylinder block material **CAST IRON**

310. Maximum compression ratio **9.2 : 1**



313. Sleeves a)  yes  no b) Material **N/A** c)  wet  dry

314. Bore **85.0** +/- 0.1 mm

316. Stroke **88.0** +/- 0.1 mm

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

324. Fuel feed by injection : a) Make **MITSUBISHI** b) Model **ECI - MULTI**

f) Position of Injectors:

f1)  Manifold  Cylinderhead

325. Camshaft a) Number **2** b) Location **OVERHEAD (DOHC)**  
c) Drive system **NOTCHED BELT** f) Type of valve operation **ROCKER ARM**

327. Intake

a) Material of manifold **ALUMINIUM ALLOY**  
b) Number of manifold elements **1** c) Number of valves per cylinder **2**

**328. Exhaust**

- a) Material of manifold **CAST IRON**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **60.5** mm ± 5%

**330. Ignition system**

- a) Type **TRANSISTORIZED BY MAPPED**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- d) Number of coils **2**

**331. Cooling system**

Capacity **6.0** L

- a) Number **2**
- b) Diameter of the fan **320 / 320** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **9 / 5**
- e) Type of drive **ELECTRICAL**
- f) Automatic cut in 

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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**333. Lubrication system**

- a) Type **WET SUMP**
- b) Number of oil pumps **1**
- c) Total capacity **5.3** L

e) Location of the cooler(s) **UNDER RHS HEAD LAMP** f) Type of the cooler(s) **RADIATOR**

**4. FUEL CIRCUIT**

**401. Fuel tank**

- b) Location **UNDER THE REAR FLOOR PLAN**
- d) Total capacity **52.0** L

**402. Fuel pump(s)**

- a) 

<input checked="" type="checkbox"/> Elelectrical	<input type="checkbox"/> Mechanical
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- b) Number **1**
- d) Location **IN FUEL TANK**
- Fuel Pressure **392 KPA AT 13 VOLTS**

**5. ELECTRICAL EQUIPMENT**

**502. Alternator**

- a) Number **1**
- b) Type **ALTERNATOR**
- c) Drive system **V-RIBBED BELT**
- d) Nominal power **1,080** Watts

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

- a) Type **DRY SINGLE PLATE**
- b) Control system **HYDRAULIC**

603. Gearbox

a) Location **ENGINE COMPARTMENT**

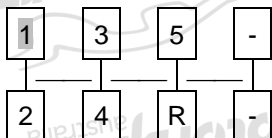
b) Make **AICHI MACHINE INDUSTRY CO.LTD**

c) Type and location of control **MECHANICAL, ON FLOOR**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	<b><u>39:14</u></b>	<b><u>2.785:1</u></b>	—	—
2	<b><u>39:20</u></b>	<b><u>1.950:1</u></b>	—	—
3	<b><u>39:27</u></b>	<b><u>1.444:1</u></b>	—	—
4	—	<b><u>1.031:1</u></b>	—	—
5	—	<b><u>0.72:1</u></b>	—	—
6	—	<b><u>N/A</u></b>	—	—
R	—	<b><u>3.416:1</u></b>	—	—
Constant	—	<b><u>N/A</u></b>	—	—

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	Rear
b) Ratio	<b><u>4.529:1</u></b>	<b><u>4.529:1</u></b>
f) Oil Cooler	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
g) Cooler Type	<b><u>N/A</u></b>	<b><u>N/A</u></b>

606. Shafts

a) Type of longitudinal shafts

**3 UNIVERSAL JOINTS AND CROSS GROOVE JOINT**

b) Material of longitudinal shafts

**STEEL**

c) Type of transversal half-shafts

**BALL JOINT + TRIPOD JOINT**

d) Material of transversal half-shafts

**STEEL**

**7. SUSPENSION**

**701. General**

	Front		Rear	
a) Type of suspension	<b><u>INDEPENDENT MCPHERSON</u></b>		<b><u>INDEPENDENT MULTILINK WITH DOUBLE WISHBONE</u></b>	
	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
b) Material	<b><u>STEEL</u></b>		<b><u>STEEL</u></b>	
703. Leaf springs	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<b><u>N/A</u></b>		<b><u>N/A</u></b>	
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	<b><u>N/A</u></b>		<b><u>N/A</u></b>	

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

	Front	Rear
b) Effective diameter	<b><u>24</u> mm</b>	<b><u>22</u> mm</b>
c) Material	<b><u>STEEL</u></b>	<b><u>STEEL</u></b>

**707. Suspension Dampers**

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

**8. WHEELS**

**801. Wheels**

	Front	Rear
a) Diameter	<b><u>17</u>"</b>	<b><u>17</u>"</b>
b) Width	<b><u>8</u>"</b>	<b><u>8</u>"</b>
c) Offset	<b><u>+38</u> mm</b>	<b><u>+38</u> mm</b>

**803. Brakes**

- a) Braking system
- b) Number of master cylinders
- c) Servo-brakes

**HYDRAULIC**

**1 TANDEM**

yes  no

c1) Make and type **BOSCH, VACUUM**

	Front	Rear
e) Number of cylinders per wheel	<b>4</b>	<b>2</b>
f) <b>Drum brakes</b>	<b>N/A</b>	<b>N/A</b>
f1) Internal diameter	<b>N/A</b>	<b>N/A</b>
f2) Number of linings per wheel	<b>N/A</b>	<b>N/A</b>
g) <b>Disc brakes</b>		
g1) Number of pads per wheel	<b>2</b>	<b>2</b>
g2) Number of calipers per wheel	<b>1</b>	<b>1</b>
g3) Caliper material	<b>ALUMINIUM</b>	<b>ALUMINIUM</b>
g4) Thickness of new disc	<b>32.0 ± 1 mm</b>	<b>22.0 ± 1 mm</b>
g5) External diameter of the disc	<b>320.0 ± 1.5 mm</b>	<b>300.0 ± 1.5 mm</b>
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

h) Parking brake: h1) Control system **MECHANICAL**

h2) Location of lever **BETWEEN FRONT SEATS**

Front  Rear

**804. Steering**

- a) Type
- b) Servo-assistance
- Type of Assistance

Front		Rear	
<b>RACK &amp; PINION</b>		<b>N/A</b>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<b>HYDRAULIC</b>		<b>N/A</b>	

**9. BODYWORK**

**901. Interior**

- a) Ventilation
- c) Air Conditioning

yes  no  
 yes  no

b) Heating

yes  no

f) Optional sun roof

yes  no

f1) Type **N/A**

f2) Control system **N/A**

g) Opening system for side windows

Front	Rear
<b>MANUAL</b>	<b>MANUAL</b>

X) Dashboard

Y) Sunroof





N/A

902. Exterior

a) Number of doors 4

b) Tailgate

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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c) Door material

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

d) Front bonnet material

**ALUMINIUM**

e) Rear bootlid / tailgate material

**STEEL**

f) Bodywork material

**STEEL (EXCEPT FRONT FENDER AND BONNET: ALUMINIUM)**

h) Rear window material

**SAFETY GLASS**

i) Rear quarter window material

**SAFETY GLASS**

k) Side window material

Front	Rear
<b><u>SAFETY GLASS</u></b>	<b><u>SAFETY GLASS</u></b>
<b><u>PLASTIC (MODIFIED POLY-PROPYLENE)</u></b>	<b><u>PLASTIC (MODIFIED POLY-PROPYLENE)</u></b>

l) Material of bumper

n) Exterior Rear wiper

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

Number	Part	Material





COMPLEMENTARY INFORMATION

