

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

FUJI HEAVY INDUSTRIES

102. Commercial name(s) - Model and type

SUBARU IMPREZA 2.0R G3 MY08

103. Engine capacity

1994 cm³ Corrected engine capacity **1994 x 1 = 1994** 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

1346 kg

202. Overall length

4415 mm ± 1 %

203. Maximum overall width

1740 mm ± 1 % Where measured **FRONT AXLE**

204. Width of bodywork

a) At front axle **1740** mm ± 1 %

b) At rear axle **1730** mm ± 1 %

206. Wheelbase **2620** mm ± 1%

207. Maximum track

a) Front **1495** mm

b) Rear **1500** 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**

302. Number of mounts **2**

Engine in its compartment

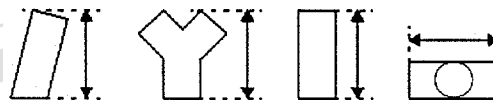


304. Supercharging yes no

Maximum manifold pressure **N/A**

Type and number of compressors **N/A**

305. Number and layout of cylinders **4 - HORIZONTALLY OPPOSED**



312. Cylinder block material **ALLOY**

310. Maximum compression ratio **10.2 : 1**

313. Sleeves a) yes no b) Material **STEEL** c) wet dry

314. Bore **92** +0/- 0.1 mm

316. Stroke **75** +0/- 0.1 mm

321. Cylinderhead a) Number **2** b) Material **ALLOY**

324. Fuel feed by injection : a) Make **NIPPON DENSO** b) Model **MPI**

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft a) Number **4** b) Location **CYLINDER HEAD**
c) Drive system **BELT** f) Type of valve operation **DIRECT**

327. Intake

a) Material of manifold **ALLOY**

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 **60** mm ± 5%

330. Ignition system

- a) Type **COIL**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- d) Number of coils **4**

331. Cooling system Capacity **6.9** L

- 332. Cooling fan**
- a) Number **2**
- b) Diameter of the fan **2 X 300** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **5/4**
- 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 **WET**
- b) Number of oil pumps **1**
- c) Total capacity **4.2** L
- e) Location of the cooler(s) **N/A**
- f) Type of the cooler(s) **N/A**

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **REAR**
- d) Total capacity **60** 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 TANK**

Fuel Pressure _____

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type **ROTATING FIELD**
- c) Drive system **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 checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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602. Clutch

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



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603. Gearbox

a) Location **CENTRE**

b) Make **SUBARU**

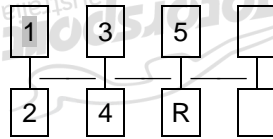
c) Type and location of control

MANUAL FLOOR SHIFT

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	3.454:1	_____	_____
2	_____	2.062:1	_____	_____
3	_____	1.448:1	_____	_____
4	_____	1.088:1	_____	_____
5	_____	0.825:1	_____	_____
6	_____	N/A	_____	_____
R	_____	_____	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate



604. Transfer box / Centre differential

a) Ratios

1:1

c) Control system of transfer box

MECHANICAL

d) Type of central differential

VISCOUS COUPLING

605. Final drive

a) Type of final drive

HYPOID

HYPOID

b) Ratio

4.111:1

4.111:1

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

N/A

N/A

606. Shafts

a) Type of longitudinal shafts

PROPELLER SHAFT WITH 3 UNI JOINTS

b) Material of longitudinal shafts

STEEL

c) Type of transversal half-shafts

FRONT-AC & AAR, REAR – BJ & DOJ

d) Material of transversal half-shafts

STEEL



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7. SUSPENSION

701. General

	Front	Rear
a) Type of suspension	MACPHERSON STRUT	DOUBLE WISHBONE
702. Helical springs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
a) Material	STEEL	STEEL
703. Leaf springs	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	N/A	N/A
704. Torsion bars	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	N/A	N/A

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	20 mm	15 mm
c) Material	STEEL	STEEL

707. Suspension Dampers

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

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	17"	17"
b) Width	7"	7"
c) Offset	+55 mm	+55 mm

803. Brakes

- a) Braking system **DUAL CIRCUIT HYDRAULIC**
- b) Number of master cylinders **1**
- c) Servo-brakes yes no

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



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	Front	Rear
e) Number of cylinders per wheel	<u>2</u>	<u>1</u>
f) Drum brakes	<u>N/A</u>	<u>N/A</u>
f1) Internal diameter	<u>N/A</u>	<u>N/A</u>
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>
g3) Caliper material	<u>STEEL</u>	<u>STEEL</u>
g4) Thickness of new disc	<u>24</u> ± 1 mm	<u>10</u> ± 1 mm
g5) External diameter of the disc	<u>277</u> ± 1.5 mm	<u>286</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 LEVER

h2) Location of lever CENTRE CONSOLE

<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>N/A</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<u>HYDRAULIC</u>		<u>N/A</u>	

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
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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>ELECTRICAL</u>	<u>ELECTRICAL</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>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

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
2	Bumper Bars	Plastic
2	Wing Mirrors	Plastic
1	Roof Spoiler	Plastic

Drawing / photo required



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COMPLEMENTARY INFORMATION

