

**Group 3E RECOGNITION DOCUMENT**

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



**1. GENERAL**

101. Manufacturer

**FORD**

102. Commercial name(s) - Model and type

**FG XR6 TURBO**

103. Engine capacity

**3984** cm<sup>3</sup> Corrected engine capacity **3984 x 1.7 = 6772.8** cm<sup>3</sup>

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / body shell

**STEEL**

106. Number of seats

**5**

**2. DIMENSIONS, WEIGHT**

Minimum Racing Weight

**1620** kg

202. Overall length

**4956** mm ± 1 %

203. Maximum overall width

**1868** mm ± 1 % Where measured **DOOR TO DOOR**

204. Width of bodywork

a) At front axle

**1890** mm ± 1 %

b) At rear axle

**1900** mm ± 1 %

206. Wheelbase

**2836** mm ± 1%

207. Maximum track

a) Front **1586**mm

b)

Rear **1616** mm

**Make** Ford

**Model** FG XR6 Turbo

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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 - LONGITUDINAL**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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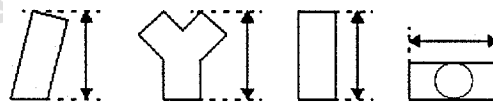
Maximum manifold pressure **0.87 BAR**

Type and number of compressors **Single – Ford part number 8R29-9G438-AC**

305. Number and layout of cylinders **6 IN-LINE**

312. Cylinder block material **CAST IRON**

310. Maximum compression ratio **8.8 : 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 **N/A**

c)  wet  dry

314. Bore **92.26** +/- 0.1 mm

316. Stroke **99.31** +/- 0.1 mm

321. Cylinderhead

a) Number **1** b) Material **ALUMINIUM**

324. Fuel feed by injection : a) Make **FORD**

b) Model **SEQUENTIAL**

f) Position of Injectors:

f1)  Manifold  Cylinderhead

325. Camshaft

a) Number **2**  
c) Drive system **CHAIN**

b) Location **CYLINDER HEAD**  
f) Type of valve operation **OHC**

327. Intake

a) Material of manifold **ALUMINIUM**  
b) Number of manifold elements **2**

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



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**328. Exhaust**

- a) Material of manifold **STAINLESS STEEL**
- b) Number of manifold elements **2**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **76.2** mm ± 5%

**330. Ignition system**

- a) Type **COIL ON PLUG**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **N/A**
- d) Number of coils **6**

**331. Cooling system** Capacity **8.9** L

- 332. Cooling fan**
- a) Number **2**
  - b) Diameter of the fan **330/330** mm
  - c) Material of the fan **PLASTIC**
  - d) Number of blades **6/6**
  - 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 SUMP**
- b) Number of oil pumps **1**
- c) Total capacity **7.0** L
- e) Location of the cooler(s) **ENGINE BLOCK**
- f) Type of the cooler(s) **OIL TO WATER**

**4. FUEL CIRCUIT**

**401. Fuel tank**

- b) Location **UNDER LEFT REAR PASSENGER FLOOR**
- d) Total capacity **68** L

**402. Fuel pump(s)**

- a) 

<input checked="" type="checkbox"/>	Electrical	<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 **MELCO**
- c) Drive system **BELT**
- d) Nominal power **1900** 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 type="checkbox"/>	yes	<input checked="" 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 **SINGLE PLATE**
- b) Control system **HYDRAULIC**



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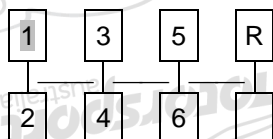
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**603. Gearbox**

- a) Location **BEHIND ENGINE**
- b) Make **TREMEC – TR6060**
- c) Type and location of control **TRIPLE RAIL, REAR EXTENSION HSG MOUNTED LEVER**
- e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	<u>41/16</u>	<u>2.976</u>	—	<u>Y</u>
2	<u>43/28</u>	<u>1.783</u>	—	<u>Y</u>
3	<u>37/33</u>	<u>1.302</u>	—	<u>Y</u>
4	—	<u>1.00</u>	—	<u>Y</u>
5	<u>36/59</u>	<u>0.709</u>	—	<u>Y</u>
6	<u>31/65</u>	<u>0.554</u>	—	<u>Y</u>
R	<u>35/14</u>	<u>2.903</u>	—	<u>Y</u>
Constant	<u>36/31</u>	<u>1.16</u>	—	<u>N/A</u>

f) Gear change gate



**604. Transfer box / Centre differential**

- a) Ratios **N/A**
- c) Control system of transfer box **N/A**
- d) Type of central differential **N/A**

**605. Final drive**

a) Type of final drive

b) Ratio

f) Oil Cooler

g) Cooler Type

	Front	Rear
a) Type of final drive	<u>N/A</u>	<u>M86 IRS DRIVEHEAD - LSD</u>
b) Ratio	<u>N/A</u>	<u>3.73</u>
f) Oil Cooler	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
g) Cooler Type	<u>N/A</u>	<u>N/A</u>

**606. Shafts**

- a) Type of longitudinal shafts **2-PIECE DRIVESHAFT**
- b) Material of longitudinal shafts **STEEL**
- c) Type of transversal half-shafts **CV – JOINTED STEEL SHAFT**
- d) Material of transversal half-shafts **STEEL**

**7. SUSPENSION**



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**701. General**

	Front	Rear
a) Type of suspension	<b><u>VIRTUAL PIVOT 4 BAR LINK</u></b>	<b><u>CONTROL BLADE - IRS</u></b>
702. Helical springs	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
a) Material	<b><u>STEEL</u></b>	<b><u>STEEL</u></b>
703. Leaf springs	<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
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>32/33</u></b> mm	<b><u>18/19</u></b> mm
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>GAS</u></b>	<b><u>GAS</u></b>
c) Principle of operation	<b><u>TELESCOPIC</u></b>	<b><u>TELESCOPIC</u></b>

**8. WHEELS**

**801. Wheels**

	Front	Rear
a) Diameter	<b><u>19"</u></b>	<b><u>19"</u></b>
b) Width	<b><u>8"</u></b>	<b><u>8"</u></b>
c) Offset	<b><u>+36</u></b> mm	<b><u>+36</u></b> mm

**803. Brakes**

a) Braking system

**HYDRAULIC**

b) Number of master cylinders

**1**

c) Servo-brakes

yes  no

c1) Make and type

**VACUUM**



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	Front	Rear
e) Number of cylinders per wheel	<u>2</u>	<u>1</u>
f) <b>Drum brakes</b>		
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) <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>ALUMINIUM</u>	<u>ALUMINIUM</u>
g4) Thickness of new disc	<u>28 ± 1 mm</u>	<u>16.2 ± 1 mm</u>
g5) External diameter of the disc	<u>322 ± 1.5 mm</u>	<u>303 ± 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 **CABLE**

h2) Location of lever **LHS OF DRIVER**

<input type="checkbox"/> Front	<input checked="" type="checkbox"/> Rear
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**804. Steering**

a) Type

Front		Rear	
<u>RACK &amp; 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>	

b) Servo-assistance

Type of Assistance

**9. BODYWORK**

**901. Interior**

a) Ventilation

<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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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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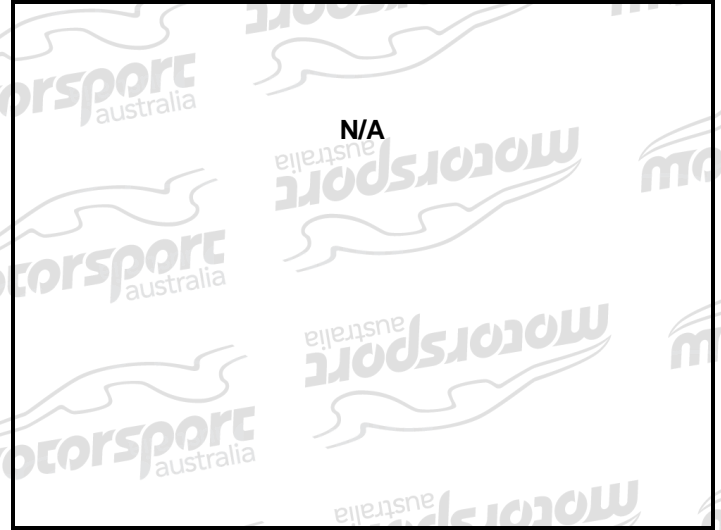
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X) Dashboard



Y) Sunroof



**902. Exterior**

a) Number of doors **4**

b) Tailgate

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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Front	Rear
<b><u>STEEL</u></b>	<b><u>STEEL</u></b>

c) Door material

d) Front bonnet material **STEEL**

e) Rear boot lid / tailgate material **STEEL**

f) Bodywork material **STEEL**

h) Rear window material **GLASS**

i) Rear quarter window material **GLASS**

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

k) Side window material

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
1	Rear wing	Plastic
2	Skirt – Sill LHS / RHS rail	Plastic
3	Front bumper	Plastic
4	Rear bumper	Plastic

Drawing / photo required





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**COMPLEMENTARY INFORMATION**

