

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

- 101. Manufacturer **FORD MOTOR COMPANY**
- 102. Commercial name(s) - Model and type **FG FALCON XR8**
- 103. Engine capacity **5408** cm³ Corrected engine capacity **5408 x 1 = 5408** cm³
- 104. Type of car construction

a) Type	<input type="checkbox"/> separate chassis	<input checked="" type="checkbox"/> monocoque
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- 106. Number of seats **5**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **1670** kg
- 202. Overall length **4956** mm ± 1 %
- 203. Maximum overall width **1868** mm ± 1 % Where measured **AT DOORS**
- 204. Width of bodywork

a) At front axle	1868 mm ± 1 %
b) At rear axle	1868 mm ± 1 %
- 206. Wheelbase **2836** mm ± 1 %
- 207. Maximum track

a) Front	1586 mm	b) Rear	1616 mm
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3. ENGINE (In case of rotary engine, see Art. 335 on additional form)



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301. Location and position of the engine **FRONT LONGITUDINAL**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging yes no

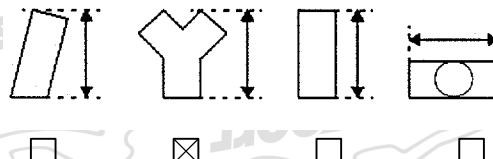
Maximum manifold pressure **N/A**

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

305. Number and layout of cylinders **8 VEE**

312. Cylinder block material **CAST IRON**

310. Maximum compression ratio **10.5 : 1**



313. Sleeves a) yes no

b) Material **N/A**

c) wet dry

314. Bore **90.2** +0/- 0.1 mm

316. Stroke **105.8** +0/- 0.1 mm

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

324. Fuel feed by injection : a) Make **BOSCH** b) Model _____

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft a) Number **4** b) Location **DOHC**
c) Drive system **CHAIN** f) Type of valve operation **ROCKER ARM**

327. Intake

a) Material of manifold **ALLOY**

b) Number of manifold elements **2**

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



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328. Exhaust

- a) Material of manifold **CAST IRON**
 b) Number of manifold elements **2** d) Number of valves per cylinder **2**
 p) External Diameter of exhaust pipe between manifold and first silencer **64** mm ± 5%

330. Ignition system

- a) Type **ELECTRONIC** b) Number of plugs per cylinder **1**
 c) Number of distributors **N/A** d) Number of coils **8**

331. Cooling system Capacity **13.1** L

- 332. Cooling fan** a) Number **2** b) Diameter of the fan **300** mm
 c) Material of the fan **PLASTIC** d) Number of blades **7 / 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 **WET SUMP** b) Number of oil pumps **1**
 c) Total capacity _____ 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 **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 **58.0 PSI**

5. ELECTRICAL EQUIPMENT**502. Alternator**

- a) Number **1** b) Type **ALTERNATOR**
 c) Drive system **BELT** d) Nominal power **80** 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 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 **DIAPHRAM SPRING**
 b) Control system **HYDRAULIC**

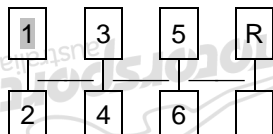
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603. Gearbox

- a) Location **REAR OF ENGINE** b) Make **TREMEC**
 c) Type and location of control **6 SPD FLOOR SHIFT**
 e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>3.36:1</u>	_____	_____
2	_____	<u>2.07:1</u>	_____	_____
3	_____	<u>1.35:1</u>	_____	_____
4	_____	<u>1.00:1</u>	_____	_____
5	_____	<u>0.71:1</u>	_____	_____
6	_____	<u>0.57:1</u>	_____	_____
R	_____	<u>3.28:1</u>	_____	_____
Constant	_____	_____	_____	_____

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

	Front	Rear
a) Type of final drive	<u>N/A</u>	<u>L/S DANA 86</u>
b) Ratio	<u>N/A</u>	<u>3.45:1</u>
f) Oil Cooler	<input type="checkbox"/> yes <input 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**
 b) Material of longitudinal shafts **STEEL**
 c) Type of transversal half-shafts **CV / IRS**
 d) Material of transversal half-shafts **STEEL**



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7. SUSPENSION

701. General

	Front	Rear
a) Type of suspension	<u>DOUBLE WISHBONE</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>N/A</u>	<u>N/A</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>N/A</u>	<u>N/A</u>

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	<u>32</u> mm	<u>18</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>GAS/HYDRAULIC</u>	<u>GAS/HYDRAULIC</u>

8. WHEELS

801. Wheels

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

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803. Brakes

a) Braking system HYDRAULIC

b) Number of master cylinders 1 TANDEM

c) Servo-brakes yes no

c1) Make and type PBR VACUUM

	Front	Rear
e) Number of cylinders per wheel	<u>2</u>	<u>1</u>
f) Drum brakes		
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>ALLOY</u>	<u>ALLOY</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 CENTRE CONSOLE

Front Rear

804. Steering

a) Type

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

b) Servo-assistance

Type of Assistance

9. BODYWORK

901. Interior

a) Ventilation yes no

c) Air Conditioning yes no

b) Heating yes no

f) Optional sun roof yes no

f1) Type N/A f2) Control system N/A

Front	Rear



Make Ford

Model Falcon FG XR8

SPC Recognition Document

Recognition N°

3-09-009

g) Opening system for side windows

ELECTRIC

ELECTRIC

X) Dashboard



Y) Sunroof

N/A

902. Exterior

a) Number of doors 4

b) Tailgate

yes

no

c) Door material

Front

Rear

STEEL

STEEL

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

GLASS

GLASS

l) Material of bumper

PVC

PVC

n) Exterior Rear wiper

yes

no

XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
1	Front Bumper	Plastic PVC
1	Rear Bumper	Plastic PVC
1	Rear Spoiler	Plastic PVC

Drawing / photo required

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SPC Recognition Document

3-09-009

COMPLEMENTARY INFORMATION

