

Group 3E Recognition FORM

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

- 101. Manufacturer **ALFA ROMEO**
- 102. Commercial name(s) - Model and type **ALFA ROMEO 4C**
- 103. Engine capacity **1742** cm³ Corrected engine capacity **83 x 80.5 = 1742** cm³
- 104. Type of car construction

| | | |
|---------|---|---|
| a) Type | <input type="checkbox"/> separate chassis | <input checked="" type="checkbox"/> monocoque |
|---------|---|---|
- b) Material of chassis / bodyshell **CARBON FIBRE**

106. Number of seats **2**

2. DIMENSIONS, WEIGHT

- Minimum Racing Weight **1025** kg
- 202. Overall length **3990** mm ± 1 %
- 203. Maximum overall width **1868** mm ± 1 % Where measured **REAR DOOR**
- 204. Width of bodywork

| | |
|------------------|----------------------|
| a) At front axle | 1868 mm ± 1 % |
| b) At rear axle | 1868 mm ± 1 % |
- 206. Wheelbase **2380** mm ± 1%
- 207. Maximum track

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Make Alfa Romeo

Model 4C

a) Front 1639 mm

b) Rear 1606 mm

3. ENGINE

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

301. Location and position of the engine REAR EAST/WEST CONFIGURATION

302. Number of mounts 3

Engine in its compartment



304. Supercharging

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

Maximum manifold pressure

1.50 BAR

Type and number of compressors

SINGLE TURBO

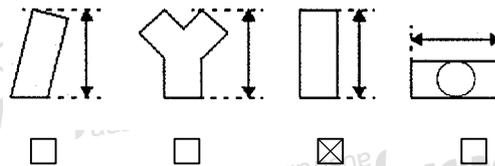
305. Number and layout of cylinders 4

312. Cylinder block material

ALUMINIUM

310. Maximum compression ratio

9.25-1 : 1



313. Sleeves

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

b) Material

GOE300 STEEL

| | |
|---------------------------------|---|
| c) <input type="checkbox"/> wet | <input checked="" type="checkbox"/> dry |
|---------------------------------|---|

314. Bore

83 +/- 0.1 mm

316. Stroke

80.5 +/- 0.1 mm

321. Cylinderhead

a) Number 1

b) Material

ALUMINIUM

324. Fuel feed by injection : a) Make BOSCH

b) Model HDEV 5.2

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft

a) Number

2

b) Location

DOHC

c) Drive system

BELT

f) Type of valve operation

VARIABLE VALVE AND VARIABLE LIFT

327. Intake



Make **Alfa Romeo**Model **4C**

- a) Material of manifold **PLASTIC / FIBREGLASS**
 b) Number of manifold elements **1** c) Number of valves per cylinder **4**

328. Exhaust

- a) Material of manifold **CAST 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 **ELECTRONIC** b) Number of plugs per cylinder **1**
 c) Number of distributors **ELECTRONIC** d) Number of coils **4**

331. Cooling system Capacity **10.6** L

- 332. Cooling fan** a) Number **2** b) Diameter of the fan **340** mm

- c) Material of the fan **PLASTIC** d) Number of blades **7**
 e) Type of drive **ELECTRIC MOTOR** f) Automatic cut in

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

333. Lubrication system

- a) Type **OIL PUMP** b) Number of oil pumps **1**
 c) Total capacity **5.8** L
 e) Location of the cooler(s) **REAR OF ENGINE BLOCK** f) Type of the cooler(s) **WATER TO OIL**

4. FUEL CIRCUIT**401. Fuel tank**

- b) Location **UNDER CAR MID LOCATION IN FRONT OF REAR AXLE**
 d) Total capacity **44** L

402. Fuel pump(s)

- a)

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

 b) Number **2**

- d) Location **INTANK LOW PRESURE, HIGH PRESSURE ON ENGINE HEAD**

Fuel Pressure **200 BAR****5. ELECTRICAL EQUIPMENT**

- 502. Alternator** a) Number **1** b) Type **ELECTRIC DC**
 c) Drive system **BELT** d) Nominal power **160** Amp

503. Retractable headlights

- a)

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

 b) Control system **N/A**

6. POWER TRAIN

- 601. Driven wheels** front

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

 rear

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

602. Clutch

- a) Type **SINGLE DISK CLUTCH / PRESSURE PLATE**
 b) Control system **HYDRAULIC MASTER AND SLAVE**

603. Gearbox

- a) Location **REAR OF CAR** b) Make **FPT**
 c) Type and location of control **AUTOMATIC TWIN CLUTCH 6 SPEED**

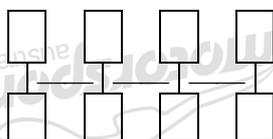
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e) Ratios

| | Number of teeth | Ratio | Constant Mesh | Synchro |
|----------|-----------------|---------------|---------------|------------|
| 1 | _____ | <u>4.15-1</u> | <u>yes</u> | <u>yes</u> |
| 2 | _____ | <u>2.27-1</u> | <u>yes</u> | <u>yes</u> |
| 3 | _____ | <u>1.44-1</u> | <u>yes</u> | <u>yes</u> |
| 4 | _____ | <u>0.98-1</u> | <u>yes</u> | <u>yes</u> |
| 5 | _____ | <u>0.76-1</u> | <u>yes</u> | <u>yes</u> |
| 6 | _____ | <u>0.62-1</u> | <u>yes</u> | <u>yes</u> |
| R | _____ | <u>4.00-1</u> | <u>yes</u> | <u>yes</u> |
| Constant | _____ | <u>4.12-1</u> | <u>yes</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

| | Front | Rear |
|------------------------|---|---|
| a) Type of final drive | <u>NA</u> | <u>TRANSAXLE / DIFF</u> |
| b) Ratio | <u>NA</u> | <u>3.83-1</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>NA</u> | <u>NA</u> |

606. Shafts

a) Type of longitudinal shafts

N/A

b) Material of longitudinal shafts

N/A

c) Type of transversal half-shafts

REAR WHEEL DRIVE SHAFTS CV JOINT

d) Material of transversal half-shafts

STEEL

7. SUSPENSION

701. General

a) Type of suspension

| | Front | Rear |
|-----------------------|---|---|
| a) Type of suspension | <u>DOUBLE WISHBONE</u> | <u>MACPHERSON STRUT</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 |

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- a) Material
- 704. Torsion bars**
- a) Material

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

705. Other type of suspension

See description on additional form

706. Stabiliser

- b) Effective diameter
- c) Material

| Front | Rear |
|--------------------|--------------------|
| <u>26</u> mm | <u>15</u> mm |
| <u>STEEL SOLID</u> | <u>STEEL SOLID</u> |

707. Suspension Dampers

- a) Number per wheel
- b) Type
- c) Principle of operation

| Front | Rear |
|-------------------|-------------------|
| <u>1</u> | <u>1</u> |
| <u>GAS / OIL</u> | <u>GAS/OIL</u> |
| <u>STRUT TYPE</u> | <u>STRUT TYPE</u> |

8. WHEELS

801. Wheels

- a) Diameter
- b) Width
- c) Offset

| Front | Rear |
|---------------|---------------|
| <u>18"</u> | <u>19"</u> |
| <u>7"</u> | <u>8.5"</u> |
| <u>+33</u> mm | <u>+49</u> mm |

803. Brakes

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

DISK, 4 WHEEL, HYDRAULIC

1

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

c1) Make and type

FRONT BREMBO
REAR TRW

- e) Number of cylinders per wheel
- f) Drum brakes**
- f1) Internal diameter
- f2) Number of linings per wheel
- g) Disc brakes**
- g1) Number of pads per wheel
- g2) Number of calipers per wheel
- g3) Caliper material

| | Front | Rear |
|-----|------------------|--------------|
| e) | <u>4</u> | <u>1</u> |
| f) | | |
| f1) | <u>N/A</u> | <u>N/A</u> |
| f2) | <u>N/A</u> | <u>N/A</u> |
| g) | | |
| g1) | <u>2</u> | <u>2</u> |
| g2) | <u>1</u> | <u>1</u> |
| g3) | <u>ALUMINIUM</u> | <u>STEEL</u> |



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| | | |
|-----------------------------------|---|---|
| g4) Thickness of new disc | 28 ± 1 mm | 22 ± 1 mm |
| g5) External diameter of the disc | 305 ± 1.5 mm | 292 ± 1.5 mm |
| 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 **LEVER**

h2) Location of lever **CENTRE CONSOLE**

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

804. Steering

- a) Type
- b) Servo-assistance

Type of Assistance

| Front | | Rear | |
|---|-----------------------------|------------------------------|-----------------------------|
| RACK AND PINION | | N/A | |
| <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| NIL | | | |

9. BODYWORK

901. Interior

- a) Ventilation

| | |
|---|-----------------------------|
| <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
|---|-----------------------------|
- b) Heating

| | |
|---|-----------------------------|
| <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
|---|-----------------------------|
- c) Air Conditioning

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

f) Optional sun roof

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

f1) Type _____

f2) Control system _____

g) Opening system for side windows

| Front | Rear |
|-----------------|-----------|
| ELECTRIC | NA |

X) Dashboard

Y) Sunroof





902. Exterior

a) Number of doors 2

b) Tailgate

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

| Front | Rear |
|-------------------|-------------------|
| <u>FIBREGLASS</u> | <u>FIBREGLASS</u> |

c) Door material

d) Front bonnet material

FIBREGLASS

e) Rear bootlid / tailgate material

FIBREGLASS

f) Bodywork material

FIBREGLASS

h) Rear window material

GLASS

i) Rear quarter window material N/A

k) Side window material

| Front | Rear |
|-------------------|-------------------|
| <u>GLASS</u> | <u>GLASS</u> |
| <u>FIBREGLASS</u> | <u>FIBREGLASS</u> |

l) Material of bumper

n) Exterior Rear wiper

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

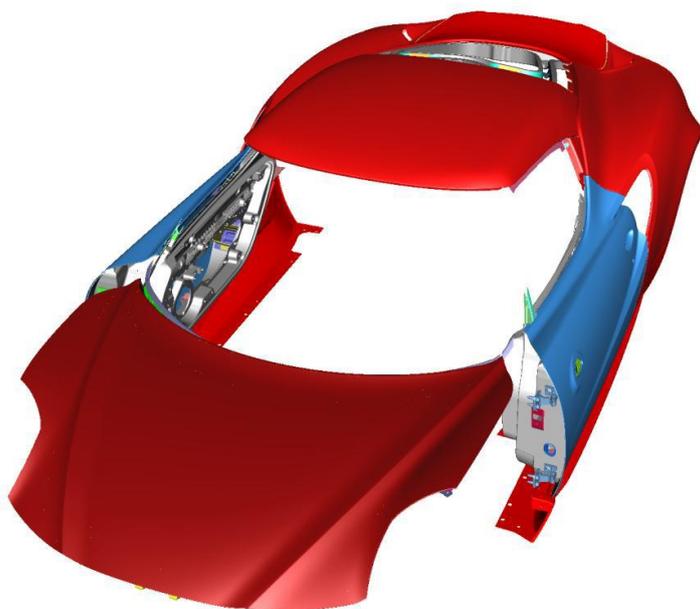
XIII) NON METALLIC PARTS OF THE BODY

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| Number | Part | Material |
|--------|---------------------|----------------|
| 1 | Front Bumper | SMC Fibreglass |
| 1 | Rear Bumper | SMC Fibreglass |
| 2 | Front Quarter Panel | SMC Fibreglass |
| 2 | Rear Quarter Panel | SMC Fibreglass |
| 1 | Bonnet | SMC Fibreglass |
| 1 | Tailgate | SMC Fibreglass |
| 1 | Roof | SMC Fibreglass |
| 2 | Doors | SMC Fibreglass |
| | | |
| | | |



COMPLEMENTARY INFORMATION

