

Group 3E Recognition Document

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 GIULIETTA QV

103. Engine capacity

1750 cm³ Corrected engine capacity **83 x 80.5 = 1742** cm³

104. Type of car construction

a) Type

☐

separate chassis

☒

monocoque

b) Material of chassis / bodyshell **STEEL**

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1299 kg

202. Overall length

4351 mm ± 1 %

203. Maximum overall width

1798 mm ± 1 % Where measured **REAR DOOR**

204. Width of bodywork

a) At front axle

1798 mm ± 1 %

b) At rear axle

1798 mm ± 1 %

206. Wheelbase **2634** mm ± 1 %

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207. Maximum track

a) Front 1554 mmb) Rear 1554 mm**3. ENGINE**

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

301. Location and position of the engine

FRONT EAST/WEST CONFIGURATION

302. Number of mounts

3

Engine in its compartment



304. Supercharging

☒ yes☐ no

Maximum manifold pressure

1.5 BAR

Type and number of compressors

SINGLE TURBO

305. Number and layout of cylinders

4

312. Cylinder block material

CAST IRON

310. Maximum compression ratio

9.2-1 : 1

313. Sleeves

a)

☐ yes☒ no

b) Material

c)

☐ wet☐ dry

314. Bore

83 +0/- 0.1 mm

316. Stroke

80.5 +0/- 0.1 mm

321. Cylinderhead

a) Number 1

b) Material

ALUMINIUM

324. Fuel feed by injection : a) Make

b) Model

f) Position of Injectors:

f1)

☐ Manifold☒ Cylinderhead

325. Camshaft a) Number

2

b) Location

DOHC

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c) Drive system

BELT

f) Type of valve operation

VARIABLE VALVE AND VARIABLE LIFT

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

1

c) Number of valves per cylinder

4

328. Exhaust

a) Material of manifold

CAST IRON

b) Number of manifold elements

1

d) Number of valves per cylinder

2p) External Diameter of exhaust pipe between manifold and first silencer 60 mm $\pm$ 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

6.4 L

332. Cooling fan

a)

Number

2

b) Diameter of the fan

350 mm

c) Material of the fan

PLASTIC

d) Number of blades

7

e) Type of drive

ELECTRIC MOTOR

f) Automatic cut in

☒

yes

☐

no

333. Lubrication system

a) Type

OIL PUMP

b) Number of oil pumps

1

c) Total capacity

5.0 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

60 L

402. Fuel pump(s)

a)

☒

Elelectrical

☐

Mechanical

b) Number

2

d) Location

INTANK LOW PRESURE, HIGH PRESSURE ON ENGINE HEAD

Fuel Pressure

5. ELECTRICAL EQUIPMENT

502. Alternator

a)

Number

1

b) Type

ELECTRIC DC

c)

Drive system

BELT

d) Nominal power

_____ Amp

503. Retractable headlights

a)

☐

yes

☒

no

b) Control system

N/A

6. POWER TRAIN

601. Driven wheels

front

☒

yes

☐

no

rear

☐

yes

☒

no

602. Clutch

a) Type

SINGLE DISK CLUTCH / PRESSURE PLATE

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b) Control system

HYDRAULIC MASTER AND SLAVE

603. Gearbox

a) Location

FRONT OF CAR TRANSAXLE

b)

Make **FPT**

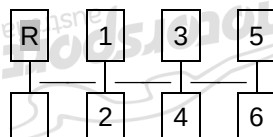
c) Type and location of control

MANUAL 6 SPEED FRONT EAST WEST

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	—	3.90-1	yes	yes
2	—	2.12-1	yes	yes
3	—	1.48-1	yes	yes
4	—	1.12-1	yes	yes
5	—	0.90-1	yes	yes
6	—	0.77-1	yes	yes
R	—	4.00-1	yes	yes
Constant	—	3.83-1	yes	—

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

TRANSAXLE / DIFF

b) Ratio

3.83-1

f) Oil Cooler

☐

yes

☒

no

☐

yes

☒

no

g) Cooler Type

—

—

606. Shafts

a)

Type of longitudinal shafts

N/A

b)

Material of longitudinal shafts

N/A

c)

Type of transversal half-shafts

FRONT WHEEL DRIVE SHAFTS TRYPD CV**JOINT**

d)

Material of transversal half-shafts

STEEL

7. SUSPENSION

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701. General

Front	Rear
<u>MC PHERSON STRUT</u>	<u>COIL AND SPRING</u>
☒ yes ☐ no	☒ yes ☐ no
<u>STEEL</u>	<u>STEEL</u>
☐ yes ☒ no	☐ yes ☒ no
☐ yes ☒ no	☐ yes ☒ no
☐ yes ☒ no	☐ yes ☒ no

a) Type of suspension

702. Helical springs

a) Material

703. Leaf springs

a) Material

704. Torsion bars

a) Material

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>HOLLOW TUBE STEEL</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>SHOCK</u>

8. WHEELS

801. Wheels

a) Diameter

b) Width

c) Offset

Front	Rear
<u>18"</u>	<u>18"</u>
<u>7.5"</u>	<u>7.5"</u>
<u>41</u> mm	<u>41</u> mm

803. Brakes

a) Braking system

b) Number of master cylinders

c) Servo-brakes

DISK, 4 WHEEL, HYDRAULIC**1**

☒ yes	☐ no
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c1) Make and type

<u>FRONT</u>	<u>BREMBO</u>
<u>REAR</u>	<u>ALFA/FIAT</u>

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	Front	Rear
e) Number of cylinders per wheel	<u>4</u>	<u>1</u>
f) Drum brakes		
f1) Internal diameter	_____	_____
f2) Number of linings per wheel	_____	_____
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>ALUMINIUM</u>	<u>STEEL</u>
g4) Thickness of new disc	<u>28 ± 1 mm</u>	<u>12 ± 1 mm</u>
g5) External diameter of the disc	<u>330 ± 1.5 mm</u>	<u>278 ± 1.5 mm</u>
g9) Ventilated discs	☒ yes ☐ no	☐ yes ☒ no

h) Parking brake: h1) Control system LEVER AND AUTOMATIC HILL HOLDh2) Location of lever CENTRE CONSOLE

☐ Front	☒ Rear
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804. Steering

a) Type

b) Servo-assistance

Type of Assistance

Front	Rear
<u>RACK AND PINION</u>	<u>N/A</u>
☒ yes ☐ no	☐ yes ☐ no
<u>ELECTRIC PUMP</u>	_____

9. BODYWORK**901. Interior**

a) Ventilation

c) Air Conditioning

b) Heating

☒ yes	☐ no
☒ yes	☐ no

☒ yes	☐ no
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f) Optional sun roof

☐ yes	☒ no
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f1) Type

f2)

Control system

g) Opening system for side windows

Front	Rear
<u>ELECTRIC</u>	<u>ELECTRIC</u>

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X) Dashboard

Y) Sunroof



902. Exterior

a) Number of doors 4

b) Tailgate

☒ yes
 ☐ no

c) Door material

d) Front bonnet material

f) Bodywork material

i) Rear quarter window material

k) Side window material

l) Material of bumper

n) Exterior Rear wiper

STEELSTEELSTEEL

e) Rear bootlid / tailgate material

h) Rear window material

STEELGLASS

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

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

☒ yes	☐ no
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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material

Drawing / photo required

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COMPLEMENTARY INFORMATION