

**Group 3E RECOGNITION DOCUMENT**

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



**1. GENERAL**

101. Manufacturer

**VOLKSWAGEN**

102. Commercial name(s) - Model and type

**GOLF MK6 77TDI TRENDLINE**

103. Engine capacity

**1598 cm<sup>3</sup> Corrected engine capacity 1598 x 1.7 = 2717 cm<sup>3</sup>**

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 **1314 kg**

202. Overall length **4199 mm ± 1 %**

203. Maximum overall width **1785 mm ± 1 %** Where measured **REAR 1/4 PANEL**

204. Width of bodywork

a) At front axle

**1770 mm ± 1 %**

b) At rear axle

**1785 mm ± 1 %**

206. Wheelbase **2574 mm ± 1 %**

207. Maximum track

a) Front **1540 mm**

b)

Rear **1513 mm**

**Make** Volkswagen **Model** Golf MK6 77TDI Trendline

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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 ENGINE**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging  yes  no

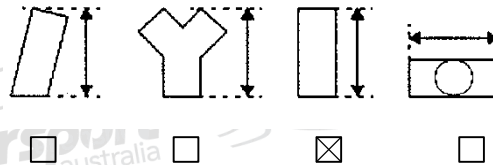
Maximum manifold pressure **1.10 BAR**

Type and number of compressors **1 GARRETT**

305. Number and layout of cylinders **INLINE 4**

312. Cylinder block material **GREY CAST IRON**

310. Maximum compression ratio **16.5 : 1**



313. Sleeves a)  yes  no

b) Material **STEEL**

c)  wet  dry

314. Bore **79.5** +0/- 0.1 mm

316. Stroke **80.5** +0/- 0.1 mm

321. Cylinderhead a) Number **4** b) Material

**CAST ALUMINIUM**

324. Fuel feed by injection : a) Make **REGE MOTORENTEILE**

b) Model **B4EGJL**

f) Position of Injectors:

f1)  Manifold  Cylinderhead

325. Camshaft a) Number **2** b) Location **TOP OF HEAD**

c) Drive system **CHAIN** f) Type of valve operation **OHC**

327. Intake

a) Material of manifold **REINFORCED POLYPROPYLENE**

b) Number of manifold elements **1** c) Number of valves per cylinder **2**



**328. Exhaust**

- a) Material of manifold **1**
- b) Number of manifold elements **CAST IRON**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **49** mm ± 5%

**330. Ignition system**

- a) Type **NA**
- b) Number of plugs per cylinder **NA**
- c) Number of distributors **NA**
- d) Number of coils **NA**

**331. Cooling system**

Capacity **5.7** L

**332. Cooling fan**

- a) Number **2**
- b) Diameter of the fan **370** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **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 **4.3** L
- e) Location of the cooler(s) **NA**
- f) Type of the cooler(s) **NA**

**4. FUEL CIRCUIT**

**401. Fuel tank**

- b) Location **REAR**
- d) Total capacity **55** L

**402. Fuel pump(s)**

- a) 

<input checked="" type="checkbox"/> Elelectrical	<input type="checkbox"/> Mechanical
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- b) Number **2**
- d) Location **IN TANK + ON ENGINE**

Fuel Pressure

**5. ELECTRICAL EQUIPMENT**

**502. Alternator**

- a) Number **1**
- b) Type **AIR COOLED**
- c) Drive system **BELT**
- d) Nominal power **140** Amp

**503. Retractable headlights**

- a) 

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- b) Control system **NA**

**6. POWER TRAIN**

**601. Driven wheels**

- front 

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

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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**602. Clutch**

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



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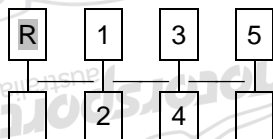
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**603. Gearbox**

- a) Location **FRONT TRANSVERS**
- b) Make **VOLKSWAGEN**
- c) Type and location of control **MECHANICAL LINKAGE – TOP OF BOX**
- e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	<u>34</u>	<u>3.78</u>	<u>n</u>	<u>y</u>
2	<u>35</u>	<u>1.94</u>	<u>n</u>	<u>y</u>
3	<u>33</u>	<u>1.185</u>	<u>n</u>	<u>y</u>
4	<u>34</u>	<u>0.816</u>	<u>n</u>	<u>y</u>
5	<u>30</u>	<u>0.625</u>	<u>n</u>	<u>y</u>
6	—	—	—	—
R	<u>35</u>	<u>3.6</u>	<u>n</u>	<u>y</u>
Constant	—	—	—	—

f) Gear change gate



**604. Transfer box / Centre differential**

- a) Ratios **3.647**
- c) Control system of transfer box **SUN GEAR**
- d) Type of central differential **NA**

**605. Final drive**

a) Type of final drive

	Front	Rear
a) Type of final drive	<b>PLANETARY</b>	<b>NA</b>
b) Ratio	<b>3.647</b>	<b>NA</b>
f) Oil Cooler	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
g) Cooler Type	<b>WATER</b>	<b>NA</b>

b) Ratio

f) Oil Cooler

g) Cooler Type

**606. Shafts**

- a) Type of longitudinal shafts **0**
- b) Material of longitudinal shafts **0**
- c) Type of transversal half-shafts **CV JOINT**
- d) Material of transversal half-shafts **STEEL**



Make **Volkswagen**

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**7. SUSPENSION**

**701. General**

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

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

	Front	Rear
b) Effective diameter	<b>NA</b> mm	<b>NA</b> mm
c) Material	<b>NA</b>	<b>NA</b>

**707. Suspension Dampers**

	Front	Rear
a) Number per wheel	<b>1</b>	<b>1</b>
b) Type	<b>OIL</b>	<b>OIL</b>
c) Principle of operation	<b>COMPRESSION</b>	<b>COMPRESSION</b>

**8. WHEELS**

**801. Wheels**

	Front	Rear
a) Diameter	<b>15"</b>	<b>15"</b>
b) Width	<b>6.5"</b>	<b>6.5"</b>
c) Offset	<b>ET42</b> mm	<b>ET42</b> mm

**803. Brakes**

a) Braking system

**DISC BRAKES**

b) Number of master cylinders

**1**

c) Servo-brakes

yes  no

c1) Make and type

**ATE JT8 VOOLM4Y**

	Front	Rear



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e) Number of cylinders per wheel	<u>1</u>	<u>1</u>
f) <b>Drum brakes</b>		
f1) Internal diameter	<u>NA</u>	<u>NA</u>
f2) Number of linings per wheel	<u>NA</u>	<u>NA</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>STEEL</u>	<u>STEEL</u>
g4) Thickness of new disc	<u>25 ± 1 mm</u>	<u>10 ± 1 mm</u>
g5) External diameter of the disc	<u>280 ± 1.5 mm</u>	<u>253 ± 1.5 mm</u>
g9) Ventilated discs	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

h) Parking brake: h1) Control system **MECHANICAL CABLE**

h2) Location of lever **CENTER CONSOL**

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

a) Type

Front		Rear	
<b><u>RACK AND PINION</u></b>		<b><u>NONE</u></b>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<b><u>ELECTIC</u></b>		<b><u>NONE</u></b>	

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 checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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f1) Type

**ELECTRIC**

f2)

Control system

**ELECTRIC**

g) Opening system for side windows

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

X) Dashboard

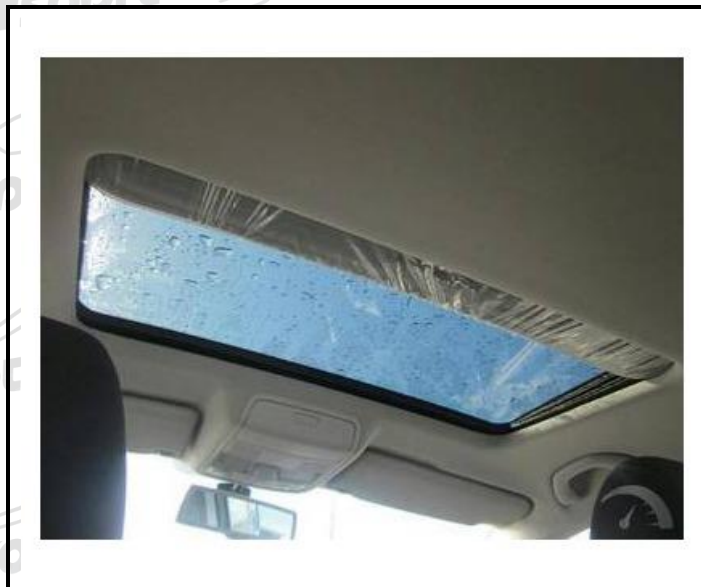
Y) Sunroof



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902. Exterior

a) Number of doors **4**

b) Tailgate

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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c) Door material

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

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
<b><u>GLASS</u></b>	<b><u>GLASS</u></b>
<b><u>PLASTIC - PPE</u></b>	<b><u>PLASTIC - PPE</u></b>

l) Material of bumper

**PLASTIC - PPE**

**PLASTIC - PPE**

n) Exterior Rear wiper

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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Make Volkswagen

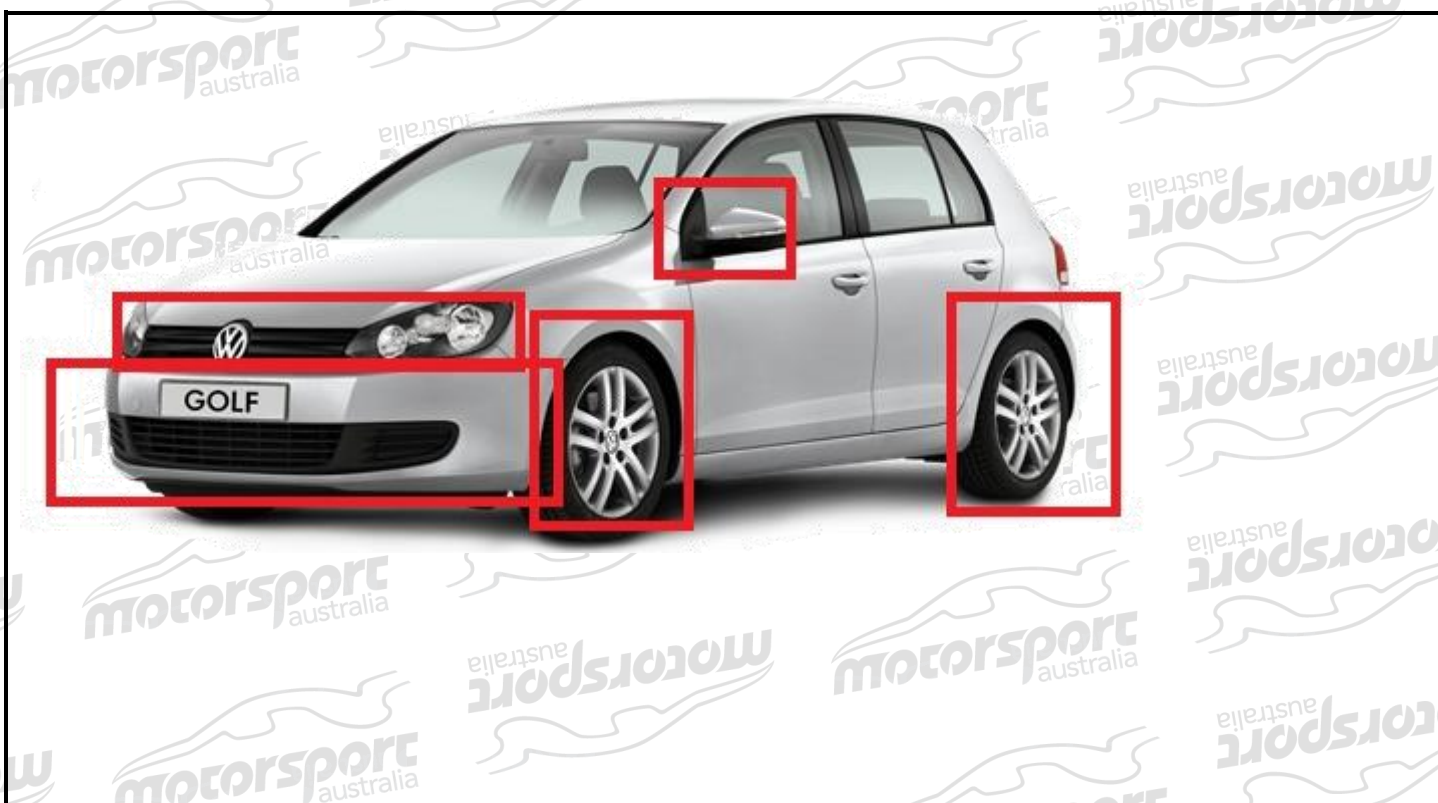
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## XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
1	Lower splash tray	PPE (polypropoylene)
4	Guard Liners	PPE
1	Front Bumper cover	PPE
1	Rear Bumper cover	PPE
2	Front head lights	Plastic and perspex
2	Rear tail lights	Plastic and perspex
2	Door mirrors	PPE, plastic and glass
1	Grille	PPE





COMPLEMENTARY INFORMATION

