

Group 3E Recognition FORM

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 GTI GEN 7 PERFORMANCE PACK

103. Engine capacity **1984** cm³

Corrected engine capacity **1984** x **1.7** = 3372.8cm³

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

1377 kg

202. Overall length

4268 mm ± 1 %

203. Maximum overall width

1799 mm ± 1 % Where measured

204. Width of bodywork

a) At front axle

mm ± 1 %

b) At rear axle

mm ± 1 %

206. Wheelbase **2626** mm ± 1%

207. Maximum track

a) Front **1534** mm

b) Rear **1513** mm

Make **VW**

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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 / TRANSVERSE**

302. Number of mounts **3**

Engine in its compartment



304. Supercharging

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

NOT AVAILABLE

Type and number of compressors

1 TURBO

305. Number and layout of cylinders

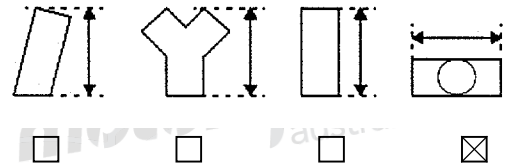
4 IN-LINE

312. Cylinder block material

CAST IRON

310. Maximum compression ratio

9.6 : 1



313. Sleeves

a) yes no b) Material _____

c) wet dry

314. Bore

82.5 +/- 0.1 mm

316. Stroke

92.8 +/- 0.1 mm

321. Cylinderhead

a) Number **1**

b) Material **ALUMINIUM**

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

b) Model **MOTRONIC MED 9.1**

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft a) Number

2

b) Location

CYLINDER HEAD

c) Drive system

BELT AND CHAIN

f) Type of valve operation

HYDRAULIC ROLLER FINGER CAM

FOLLOWERS

327. Intake

a) Material of manifold

PLASTIC

b) Number of manifold elements

1

c) Number of valves per cylinder **4**



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328. Exhaust

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

330. Ignition system

- a) Type MAPPED DIRECT ELECTRONIC
- b) Number of plugs per cylinder 1
- c) Number of distributors NIL
- d) Number of coils 4

331. Cooling system

Capacity 5 L

332. Cooling fan

- a) Number 2
- b) Diameter of the fan 360 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 MECHANICAL (WET SUMP)
- b) Number of oil pumps 1
- c) Total capacity 5 L
- e) Location of the cooler(s) FRONT OF ENGINE
- f) Type of the cooler(s) WATER COOLED

4. FUEL CIRCUIT

401. Fuel tank

- b) Location UNDER REAR SEAT
- d) Total capacity 50 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 (LOW PRESSURE) / CAMSHAFT (HIGH PRESSURE) Fuel Pressure 125 BAR

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number 1
- b) Type VW AG
- 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 _____

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 MULTIPLE PLATE WET CLUTCH
- b) Control system DSG



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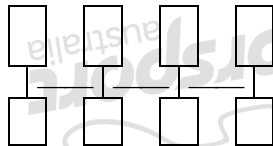
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603. Gearbox

- a) Location **EAST WEST INLINE**
- b) Make **VW**
- c) Type and location of control **CENTRE CONSOLE**
- e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>3.36</u>	_____	_____
2	_____	<u>2.09</u>	_____	_____
3	_____	<u>1.47</u>	_____	_____
4	_____	<u>1.09</u>	_____	_____
5	_____	<u>1.10</u>	_____	_____
6	_____	<u>0.91</u>	_____	_____
R	_____	<u>tbc</u>	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate - **DSG**



604. Transfer box / Centre differential

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

605. Final drive

- a) Type of final drive

- b) Ratio

- f) Oil Cooler

- g) Cooler Type

	Front	Rear
a) Type of final drive	<u>OPEN</u>	<u>N/A</u>
b) Ratio	<u>4.77</u>	TBC
f) Oil Cooler	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
g) Cooler Type		_____

606. Shafts

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



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7. SUSPENSION

701. General

	Front	Rear
a) Type of suspension	<u>MCPHERSON STRUT</u>	<u>MULTI LINK</u>
702. Helical springs	<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
a) Material		
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material		

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	24 mm	21.7 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>MCPHERSON STRUT</u>	<u>SHOCK</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

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8. WHEELS

801. Wheels

a) Diameter

Front	Rear
<u>19"</u>	<u>19"</u>

b) Width

<u>7.5"</u>	<u>7.5"</u>
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c) Offset

<u>+51 mm</u>	<u>+51 mm</u>
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803. Brakes

a) Braking system

4 WHEEL DISC (MECHANICAL HYDRAULIC ABS)

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

VW VAG

	Front	Rear
e) Number of cylinders per wheel	<u>1</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	STEEL	STEEL
g4) Thickness of new disc	<u>30 ± 1 mm</u>	<u>22 ± 1 mm</u>
g5) External diameter of the disc	<u>340 ± 1.5 mm</u>	<u>310 ± 1.5 mm</u>
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

MECHANICAL

h2) Location of lever

TRANSMISSION TUNNEL

Front Rear

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804. Steering

- a) Type
- b) Servo-assistance

Type of Assistance

Front		Rear	
<u>ELECTRIC RACK PINNION</u>			
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
<u>ELECTRIC</u>			

9. BODYWORK

901. Interior

- a) Ventilation
- c) Air Conditioning

<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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- f) Optional sun roof

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

f2) Control system _____

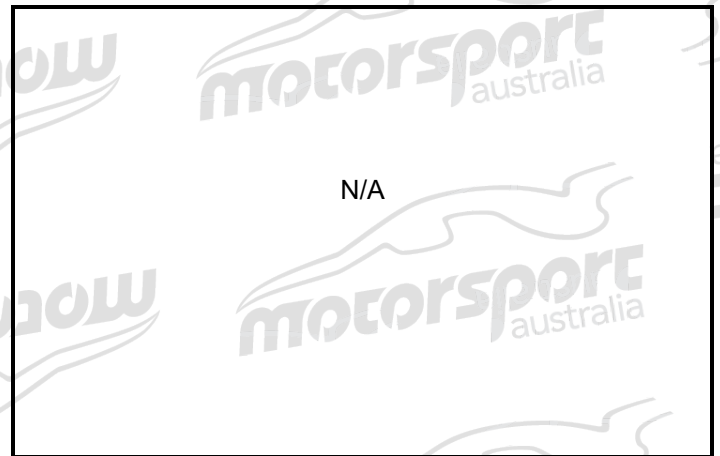
- g) Opening system for side windows

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

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

c) Door material

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

l) Material of bumper

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

n) Exterior Rear wiper

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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XIII) NON METALLIC PARTS OF THE BODY

Number	Part	Material
	Front Bumper	Plastic
	Rear Bumper	Plastic
	Side Skirts	Plastic
	Rear Spoiler	Plastic
	Radiator Support Panel	Plastic
	Grill	Plastic
	Head Lights	Plastic
	Tail Lights	Plastic
	External Rear Vision Mirrors	Plastic



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Drawing / photo required

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COMPLEMENTARY INFORMATION

