

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

POLO GTI GEN AW

103. Engine capacity **1984** cm³

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

104. Type of car construction

a) Type

<input type="checkbox"/> separate chassis	<input checked="" type="checkbox"/> monocoque
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b) Material of chassis / bodyshell

STEEL

106. Number of seats

4

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1303 kg

TARE Weight

1303 kg

202. Overall length

4067 mm ± 1 %

203. Maximum overall width

1751 mm ± 1 % Where measured

204. Width of bodywork

a) At front axle mm ± 1 %

b) At rear axle mm ± 1 %

206. Wheelbase **2560** mm ± 1 %

207. Maximum track

a) Front **1510** mm

b) Rear **1484** mm

Make: **VW**

Model: **POLO GTI GEN AW**

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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

yes

no

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

10.3 : 1

313. Sleeves

a)

yes

no

b) Material

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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

328. Exhaust

a) Material of manifold

CAST IRON

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- 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 \pm 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 **40 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 **AUTOMATIC**

603. Gearbox

- a) Location **EAST WEST INLINE** b) Make **VW**
c) Type and location of control **DSG PADDLE SHIFT**

Make: **VW**

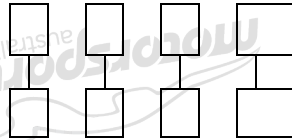
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e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1		<u>2.93</u>		
2		<u>1.79</u>		
3		<u>1.13</u>		
4		<u>0.77</u>		
5		<u>0.81</u>		
6		<u>0.64</u>		
R		<u>3.26</u>		
Constant				

f) Gear change gate - PADDLE



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

LSD

b) Ratio

4.77 / 3.44

f) Oil Cooler

yes

no

yes

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	mm	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>18</u>	<u>18</u>

b) Width

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

<u>+51</u> mm	<u>+51</u> mm
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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	<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>312 ± 1.5 mm</u>	<u>272 ± 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

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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



N/A



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902. Exterior

a) Number of doors **4**

b) Tailgate yes no

c) Door material

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

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
<u>GLASS</u>	<u>GLASS</u>
<u>PLASTIC</u>	<u>PLASTIC</u>

l) Material of bumper

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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