

## 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 R GEN 8**

103. Engine capacity **1984** cm<sup>3</sup>

Corrected engine capacity **1984** x **1.7** = 3372.8cm<sup>3</sup>

104. Type of car construction

a) Type

☐

separate chassis

☒

monocoque

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

106. Number of seats

**4**

### 2. DIMENSIONS, WEIGHT

Tare Weight

**1556** kg

RVD CPA Number. **051231 20230320**

Minimum Racing Weight

**1516** kg

202. Overall length

**4290** mm ± 1 %

203. Maximum overall width

**1789** mm ± 1 %

Where measured

204. Width of bodywork

a) At front axle

mm ± 1 %

b) At rear axle

mm ± 1 %

206. Wheelbase **2631** mm ± 1 %

207. Maximum track

a) Front **1537** mm

Rear **1511** mm

Make **VW**Model **Golf R Gen 8****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

**9.31** : 1

313. Sleeves

a)

☐ yes☒ no

b) Material

c)

☐ wet☐ dry314. Bore **82.5** +0/- 0.1 mm316. Stroke **92.8** +0/- 0.1 mm

321. Cylinderhead

a)

Number **1**

b) Material

**ALUMINIUM**324. Fuel feed by injection : a) Make **Continental** b) Model **Simos 19**

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**

Make **VW**Model **Golf R Gen 8**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 **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

☒ yes☐ no**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 **55 L****402. Fuel pump(s)**a) ☒ Elelectrical ☐ Mechanicalb) 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) ☐ yes ☒ no

b) Control system

**6. POWER TRAIN****601. Driven wheels**front ☒ yes ☐ norear ☒ yes ☐ no



Make **VW**Model **Golf R Gen 8**

## 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**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<b><u>3.190</u></b>	_____	_____
2	_____	<b><u>2.750</u></b>	_____	_____
3	_____	<b><u>1.897</u></b>	_____	_____
4	_____	<b><u>1.040</u></b>	_____	_____
5	_____	<b><u>0.793</u></b>	_____	_____
6	_____	<b><u>0.860</u></b>	_____	_____
7	_____	<b><u>0.661</u></b>	_____	_____
R1	_____	<b><u>2.750</u></b>	_____	_____
R2	_____	<b><u>1.055</u></b>	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate

P
N
R

## 604. Transfer box / Centre differential

a) Ratios

**N/A**

c) Control system of transfer box

**MAGNA**

d) Type of central differential

**OPEN**

## 605. Final drive

a) Type of final drive

**OPEN****ELECTRONIC WITH CLUTCH PACKS**

b) Ratio

**4.471****3.304**

f) Oil Cooler

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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Make **VW**Model **Golf R Gen 8**

g) Cooler Type

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**606. Shafts**

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

CVSTEELCVSTEEL**7. SUSPENSION****701. General**

a) Type of suspension

MCPHERSON STRUTMULTI LINK**702. Helical springs**
☒ yes
 ☐ no

☒ yes
 ☐ no

a) Material

STEELSTEEL**703. Leaf springs**
☐ yes
 ☒ no

☐ yes
 ☒ no

a) Material

STEELSTEEL**704. Torsion bars**
☐ yes
 ☒ no

☐ yes
 ☒ no

a) Material

STEELSTEEL**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

b) Effective diameter

mm

mm

c) Material

STEELSTEEL**707. Suspension Dampers**

a) Number per wheel

11

b) Type

MCPHERSON STRUTSHOCK

c) Principle of operation

HYDRAULICHYDRAULIC**8. WHEELS****801. Wheels**

a) Diameter

Front

Rear

19"19"

Make **VW**Model **Golf R Gen 8**

b) Width

8"8"

c) Offset

+50 mm+50 mm**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) <b>Drum brakes</b>		
f1) Internal diameter	_____	_____
f2) Number of linings per wheel	_____	_____
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	<b><u>STEEL</u></b>	<b><u>STEEL</u></b>
g4) Thickness of new disc	<u>34</u> ± 1 mm	<u>22</u> ± 1 mm
g5) External diameter of the disc	<u>357</u> ± 1.5 mm	<u>310</u> ± 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

**MECHANICAL**

h2) Location of lever

**TRANSMISSION TUNNEL**

On which wheels

Effet sur roues

h3)



Front



Rear

**804. Steering**

a) Type

b) Servo-assistance

Type of Assistance

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



Make **VW**

Model **Golf R Gen 8**

Recognition N°

**3-25-006A**

## 9. BODYWORK

### 901. Interior

a) Ventilation	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
c) Air Conditioning	<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 type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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f1) Type \_\_\_\_\_

f2) Control system \_\_\_\_\_

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

☒ yes☐ no

c) Door material

Front

Rear

**STEEL****STEEL**

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

**GLASS****GLASS****PLASTIC****PLASTIC**

l) Material of bumper

n) Exterior Rear wiper

☒ yes☐ no**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



Make **VW**  
australia

Model **Golf R Gen 8**

Front Bumper, Grill, Headlights



Rear Bumper, Tail Lights



Side Skirts



Rear Spoiler



Mirrors



Radiator Support Panel



Make

**VW**

Model

**Golf R Gen 8**

Recognition N°

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**COMPLEMENTARY INFORMATION**