

Golf 4 Gr A/Kit Car Homologation Papers

Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 4 GR-20V

Homologation N°

A-5504

2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHT

202. Longueur hors tout

Overall length 4151 mm +/- 1 %

203. Largeur hors tout

Overall width 1738 mm +/- 1 %

Endroit de mesure

Where measured at front axle

204. Largeur de carrosserie

Width of bodywork

a) A la hauteur de l'axe avant

At front axle

1738

mm +/- 1 %

b) A la hauteur de l'axe arrière

At rear axle

1728

mm +/- 1 %

Empattement

Wheelbase

2521 mm +/- 1 %

205. Porte-à-faux

Overhang

a)

Avant

Front

850

mm +/- 1 %

b)

Arrière

Rear

770

mm +/- 1 %

210. Distance "G" (volant - paroi de séparation arrière)

Distance "G" (steering wheel - rear bulkhead)

1560

mm

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DE L'AUTOMOBILE

8, place de la Concorde, 75008 Paris
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Tél. 01 47 39 39 39 / 39 39 40

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Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

Homologation n°

A-5584

3. MOTEUR / ENGINE

(En cas de moteur rotatif, voir Art. 335 sur fiche supplémentaire)
(In case of rotary engine, see Art. 335 on additional form)

333. Emplacement et position du moteur
Location and position of the engine

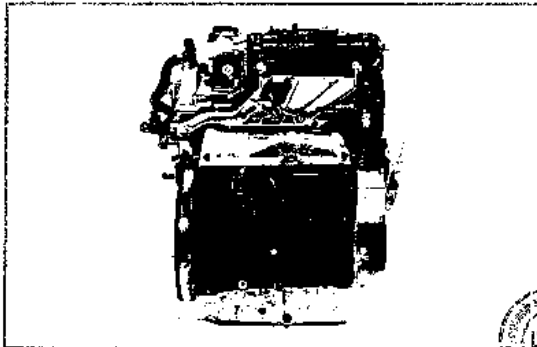
front, transversal, 15°+/-2 to the rear

335. Cycle

Cycle 4 stroke

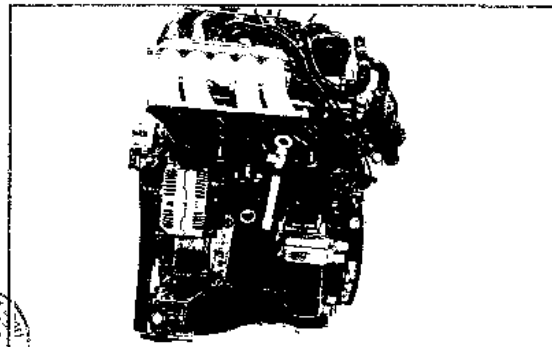
C) Profil droit du moteur déposé

Right hand view of dismantled engine

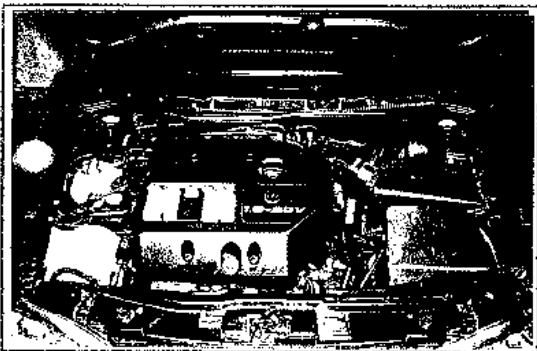


D) Profil gauche du moteur déposé

Left hand of dismantled engine



E) Moteur dans son compartiment
Engine in its compartment



304. Suralimentation
Supercharging



oui
yes



non
no

(En cas de suralimentation, voir Art. 334 sur fiche supplémentaire)
(In case of supercharging, see Art. 334 on additional form)

Type et nombre de compresseurs
Type and number of compressors

none

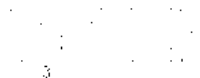
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Marque Make	Modèle Model	Homologation n°
<u>VOLKSWAGEN</u>	<u>GOLF 1.9-20V</u>	<u>A-5534</u>

305. Nombre et disposition des cylindres
Number and layout of cylinders 4 in line

306. Mode de refroidissement
Type of cooling liquid

307. Cylindrée
Cylinder capacity

a) Unitaire Unitary	<u>445</u>	cm³	b) Totale Total	<u>1781</u>	cm³
------------------------	------------	-----	--------------------	-------------	-----

c) Totale max. Autorisée Max. total allowed	<u>1867.5</u> cm³
INDICATION NON VALABLE EN GROUPE N NOT VALID FOR GROUP N	

312. Matériau du bloc-cylindre
Cylinder block material cast iron

313. Chemises :
Sleeves :

a)	☐ oui yes	☒ non no
----	-------------------------------------	---

c)

☐ humides wet	☐ sèches dry
---	--

314. Alésage
Bore 81.0 mm

315. Alésage maximum autorisé
Maximum bore allowed 81.6 mm

316. Course
Stroke 86.4 mm

INDICATION NON VALABLE EN GROUPE N
NOT VALID FOR GROUP N

318. Bielle :
Connecting rod :

a) Matériau Material	<u>steel</u>
-------------------------	--------------

b) Type de la tête de bielle
Big end type split

c) Diamètre intérieur de la tête de bielle (sans coussinets)
Interior diameter of the big end (without shell bearings) 50.6 mm

d) Longueur entre axes
Length between the axes 144 ± 0.1 mm

e) Poids minimum
Minimum weight 526 g

319. Vilebrequin
Crankshaft

a) Type de construction Type of manufacture	<u>one piece</u>
--	------------------

b) Matériau
Material steel

c)

☐ coulé cast	☒ forgé forged
--	---

d) Nombre de paliers
Number of bearings 5

e) Type de paliers
Type of bearings plain, sliding

f) Diamètre des paliers
Diameter of bearings 54 mm

g) Matériau des chapeaux de paliers
Bearing caps material cast iron

h) Poids minimum du vilebrequin nu
Minimum weight of bare crankshaft 13050 g

320. Volant moteur :
Flywheel :

a) Matériau
Material

b) Poids minimum avec couronne de démarreur
Minimum weight with starter ring

Boîte manuelle / Manual gearbox	Boîte automatique / Automatic gearbox
<u>steel</u>	
<u>9000</u> g	<u>—</u> g

Utilisable uniquement avec boîte de vitesses automatique
Only usable with an automatic gearbox
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Marque
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VOLKSWAGEN

Modèle
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GOLF 1 8-20V

Homologation n°

A-5584

321. Cylindres :

Cylinder head :

a) Nombre

Number

4

b) Matériau

Material

light alloy

e) Angle entre soupape d'admission et la verticale

Angle between intake valve and vertical

2x 21.65°, 1x 16.66°

f) Angle entre soupape d'échappement et la verticale

Angle between exhaust valve and vertical

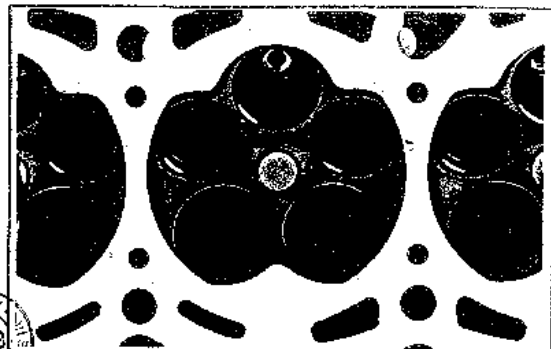
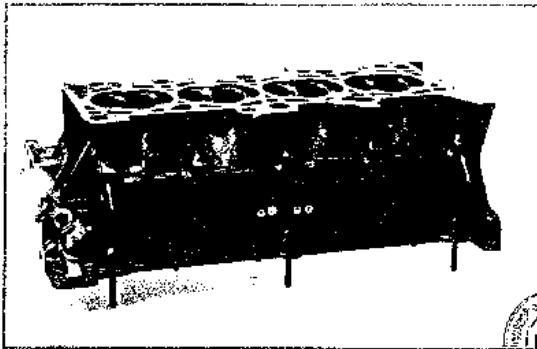
2x 20.19°

F) Cylindre nu

Bare cylinderhead

G) Chambre de combustion

Combustion chamber



323. Alimentation par carburateur :

Fuel feed by carburettor :

a) Nombre de carburateurs

Number of carburetors

X X X

b) Type

Type

c) Marque et modèle

Make and model

d) Nombre de passages de gaz par carburateur

Number of mixture passages per carburettor

e) Diamètre maximum de la sortie de gaz du carburateur

Maximum diameter of the carburettor mixture exit port

mm

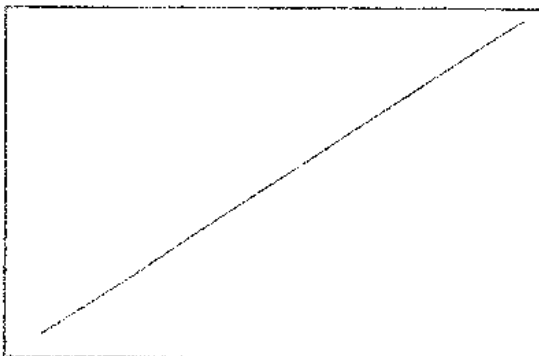
f) Diamètre du diffuseur au point d'étranglement maximum

Diameter of the venturi at the narrowest point

mm ± 0.25 mm

H) Carburateur(s)

Carburettor(s)



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VOLKSWAGEN

Modèle
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GOLF 1.8-20V

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124. Alimentation par injection
Fuel feed by injection

a. Marque
Make

VW-Bosch

b. Modèle
Model

Monronic 3.8.5

c) Mode de dosage du carburant
Kind of fuel measurement

☐ mécanique
mechanical

☒ électronique
electronic

☐ hydraulique
hydraulic

d) Dimensions du conduit d'admission au niveau du papillon ou de la guidule
Dimensions of intake pipe at the throttle or slide location

56

en 0.25 mm

e) Nombre de sorties effectives de carburant
Number of effective fuel outlets

4

f) Position des injecteurs
Position of injectors

g)

☒ Collecteur
Manifold

☐ Culasse
Cylinderhead

h) Capteurs du système d'injection
Sensors of injection system

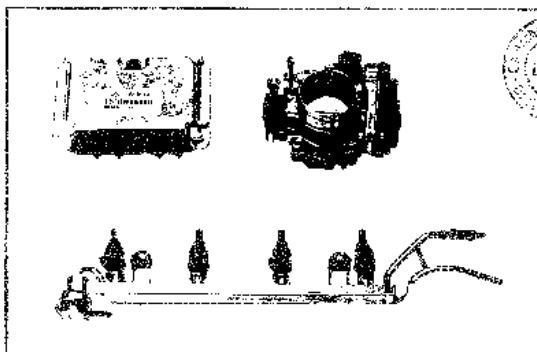
cylinder1(phase), engine speed, massflow, throttle position, water temperature,

air temperature, lambda, knocking sensors

i) Actionneurs du système d'injection
Actuators of injection system

fuel pump, fuel pressure regulator, injectors

H3. Système d'injection
Injection system



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Marque
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VOLKSWAGEN

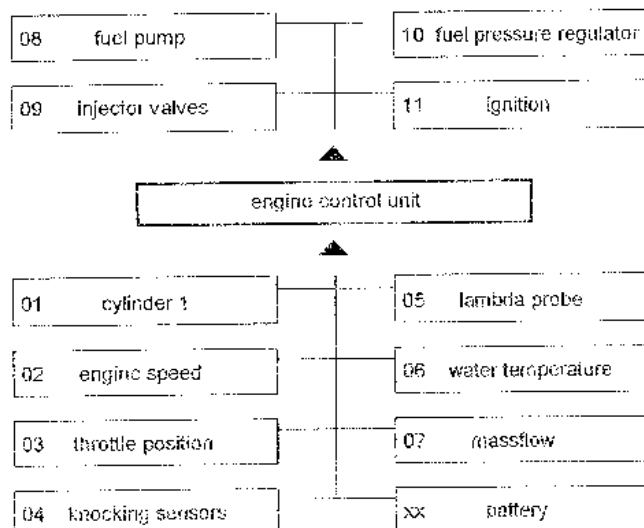
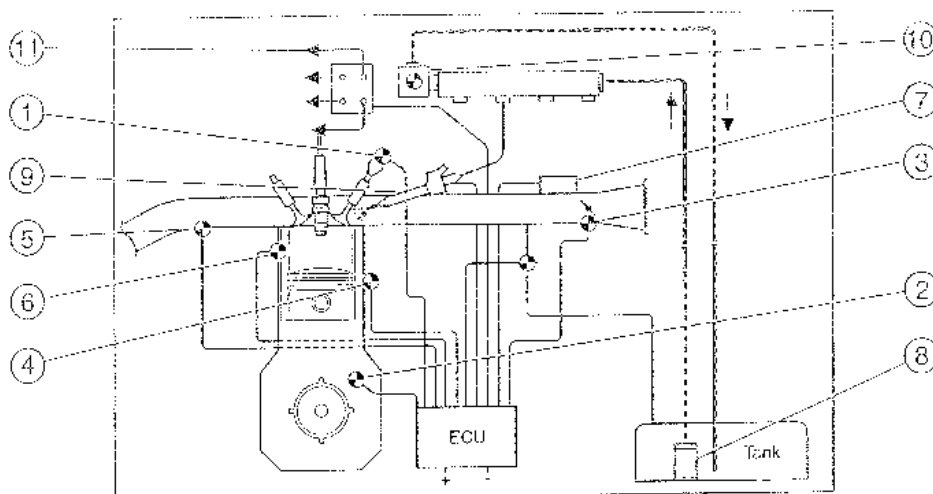
Modèle
Model

GOLF 1.8-20V

Homologation No

A-5584

XIV) LOCALISATION DES CAPTEURS ET ACTIONNEURS / LOCATION OF SENSORS AND ACTUATORS



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DE L'AUTOMOBILE

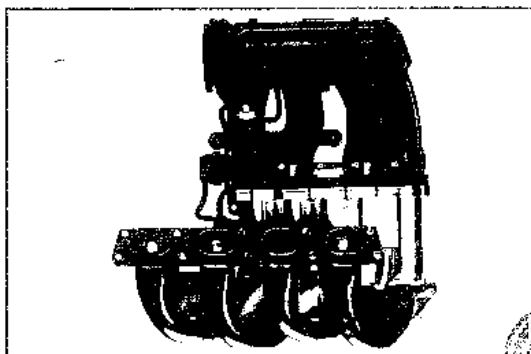
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Marque Make:	Modèle Model:	Homologation N°
<u>VOLKSWAGEN</u>	<u>GOLF 1.8-20V</u>	<u>A-5584</u>

325. Arbre à cames : Camshaft :	a) Matériau Material : <u>2</u>	b) Emplacement Location : <u>OHC</u>
c) Système d'entraînement Drive system : <u>toothed belt</u>	d) Nombre de paliers par arbre Number of bearings per shaft : <u>10 / 5</u>	
f) Système de commande de soupapes Type of valve operation : <u>hydraulic tappets</u>		
327. Admission : Intake :	a) Matériau du collecteur Material of manifold : <u>PA-polyamid</u>	
b) Nombre d'éléments du collecteur Number of manifold elements : <u>3</u>	c) Nombre de soupapes par cylindre Number of valves per cylinder : <u>3</u>	
d) Diamètre maximum de soupape Maximum diameter of the valve : <u>27</u> mm	e) Diamètre de tige de soupape dans guide Diameter of the valve stem in guide : <u>6</u> ± 0.2 mm	
f) Longueur de soupape Valve length : <u>105.2</u> ± 1.5 mm	g) Type des ressorts de soupape Type of valve springs : <u>helical</u>	
328. Echappement : Exhaust :	a) Matériau du collecteur Material of manifold : <u>steel</u>	
b) Nombre d'éléments du collecteur Number of manifold elements : <u>1</u>	c) Dimensions intérieures de sortie collecteur Internal dimensions of manifold exit : <u>2x Q50+/-1</u> mm	
d) Nombre de soupapes par cylindre Number of valves per cylinder : <u>2</u>	e) Diamètre maximum de soupape Maximum diameter of the valve : <u>30</u> mm	
f) Diamètre de tige de soupape dans guide Diameter of the valve stem in guide : <u>6</u> ± 0.2 mm	g) Longueur de soupape Valve length : <u>103.9</u> ± 1.5 mm	
h) Type des ressorts de soupape Type of valve springs : <u>helical</u>		

I) Collecteur d'admission
Intake manifold



J) Collecteur d'échappement
Exhaust manifold



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Marque
Make

VOLKSWAGEN

Modèle
Model

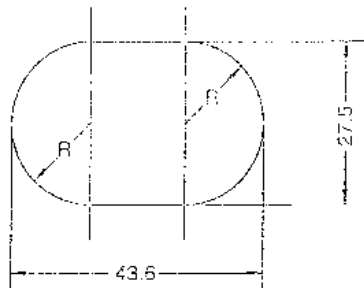
GOLF 1.8-20V

Homologation N°

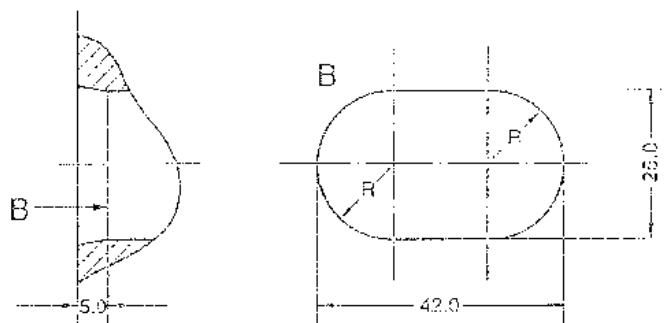
A-5584

Dessins des orifices du moteur - tolérances sur les dimensions : -2%, +4%
Drawings of engine ports - tolerances on dimensions : -2%, +4%

I) Culasse, face collecteur / Cylinderhead - manifold side



II) Collecteur, côté culasse / Manifold, cylinderhead side



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DE L'AUTOMOBILE

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Marque:
Make:

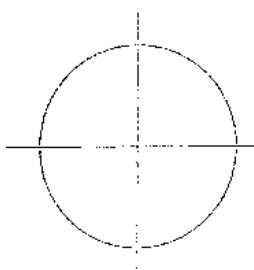
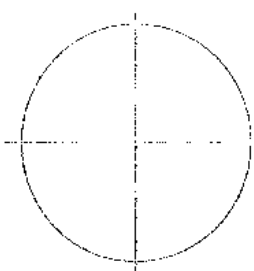
VOLKSWAGEN

Modèle:
Model:

GOLF 1.8-20V

Homologation N°

A-5584

Dessins des orifices du moteur - tolérances sur les dimensions : -2%, +4% Drawings of engine ports - tolerances on dimensions : -2%, +4%	
E C H A P P E M E N T E X H A U S T	III) Culasse, face collecteur / Cylinderhead, manifold side  All cyl. dia. 34.2
	IV) Collecteur, côté culasse / Manifold, cylinderhead side  Cyl. 1 + 4, dia 40 Cyl. 2 + 3, dia 37

F 13 - 1077



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Gog 4 Gr A/Kit Car Homologation Papers

Marque Make	Modèle Model	Homologation n°
<u>VOLKSWAGEN</u>	<u>GOLF 1.8-20V</u>	<u>A-5584</u>

330. Système d'allumage :
Ignition system :

a) Nombre de bougies par cylindre
Number of plugs per cylinder

1

c) Nombre de distributeurs
Number of distributors

1

333. Système de lubrification :
Lubrication system :

a) Type
Type wet pump

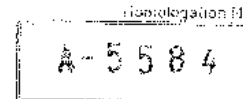
b) Nombre de pompes à huile
Number of oil pumps

1

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make
VOLKSWAGEN

Modèle
Model
GOLF 1.8-20V



4. CIRCUIT DE CARBURANT / FUEL CIRCUIT

401. Réservoir : a) Nombre
Fuel tank : Number 1
- b) Emplacement
Location under car
- c) Matériau
Material PP-polypropylene

5. EQUIPEMENT ELECTRIQUE / ELECTRICAL EQUIPMENT

501. Batteries : a) Nombre b) Tension
Batteries : Number 1 Tension 12 volts

6. TRANSMISSION / POWER TRAIN

601. Roues motrices : avant ☒ oui ☐ non
Driven wheels : front yes no
- arrière ☐ oui ☒ non
rear yes no
602. Embrayage : b) Système de commande c) Nombre de disques
Clutch : Control system hydraulic Number of plates 1
603. Boîte de vitesses : a) Emplacement
Gearbox : Location engine compartment
- b) Marque "manuelle" c) Marque "automatique"
"Manual" make Volkswagen "Automatic" make ---
- d) Type et emplacement de commande
Type and location of control mechanical, on tunnel

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.6-28V

Homologation n°

A-5584

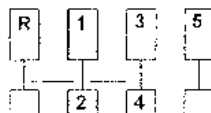
e) Rapports
Ratios

	Manuelle Manual			
	nombre de dents Number of teeth	Rapport Ratio	Cons- tant	Sim- ple
1	33 - 16	3.300		x
2	35 - 18	1.944		x
3	34 - 26	1.308		x
4	35 - 34	1.029		x
5	36 - 43	0.837		x
6	---	---		
AR / R	17-16 / 36-20	3.060		
Constante Constant				

	Automatique Automatic		
	nombre de dents Number of teeth	Rapport Ratio	Cons- tant
1			
2			
3			
4			
5			
AR / R			

f) Grille de vitesses

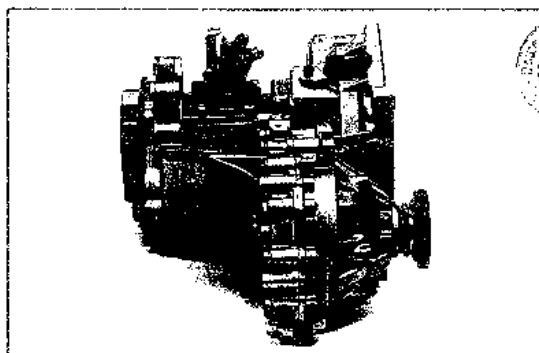
Gear change gate



g) Type de lubrification

Type of lubrication splashing

h) Carter de boîtier de vitesses et platine d'embrayage
Gearbox casing and clutch bell housing



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Marque Make	Modèle Model	Homologation N°
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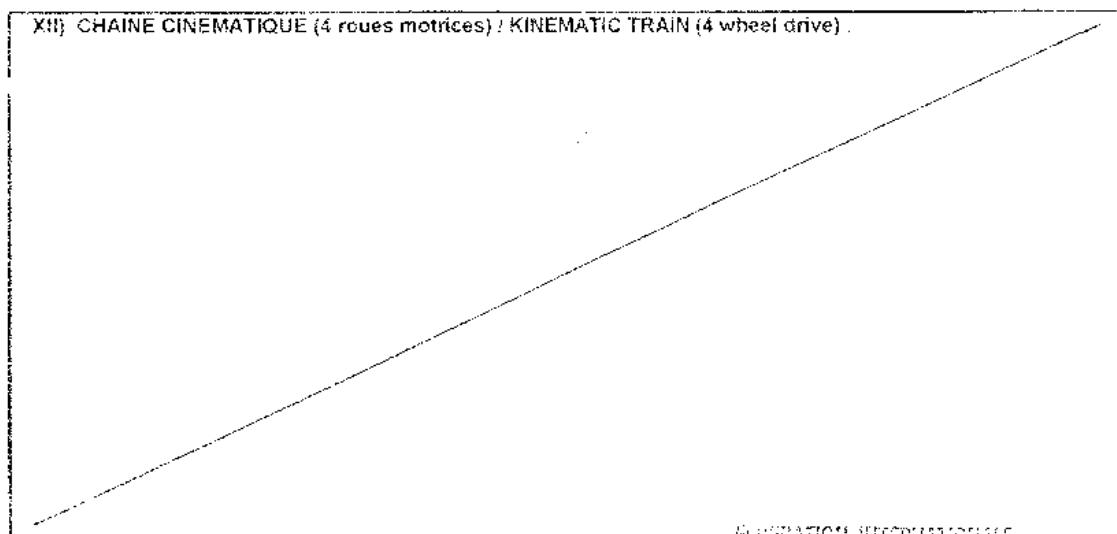
604. Boîte de transfert / Différentiel central :
Transfer box / Central differential :
- a) Rapports
Ratios none
- b) Nombre de dents
Number of teeth _____
- c) Système de commande de boîte de transfert
Control system of transfer box _____
- d) Type de différentiel central
Type of central differential _____

605. Couple final
Final drive

- a) Type de couple final
Type of final drive
- b) Rapport
Ratio
- c) Nombre de dents
Number of teeth
- e) Type de lubrification
Type of lubrication

Avant / Front	Arrière / rear
pinion + crownwheel	none
4.235	
72.- 17	
splashing	

606. Arbres :
Shafts :
- a) Type des arbres longitudinaux
Type of longitudinal shafts none
- b) Matériau des arbres longitudinaux
Material of longitudinal shafts _____
- c) Type des demi-arbres transversaux
Type of transversal half-shafts CV- and ball-joints
- d) Matériau des demi-arbres transversaux
Material of transversal half-shafts steel



COOPERATION INTERNATIONALE

DE L'AUTOMOBILE

3, place de la Concorde - 75005 Paris

Service Administratif

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Marque Make	Modèle Model	Homologation F.I.A.
<u>VOLKSWAGEN</u>	<u>GOLF 1.8-20V</u>	<u>A-5584</u>

7. SUSPENSION / SUSPENSION

	Avant / Front	Arrière / Rear
701. Généralités General		
a) Type de suspension Type of suspension	<u>independent</u>	<u>compound axle beam</u>
702. Ressorts hélicoïdaux Helicoidal springs	☒ oui yes ☐ non no	☒ oui yes ☐ non no
703. Ressorts à lames Leaf springs	☐ oui yes ☒ non no	☐ oui yes ☒ non no
704. Barres de torsion Torsion bars	☐ oui yes ☒ non no	☐ oui yes ☒ non no

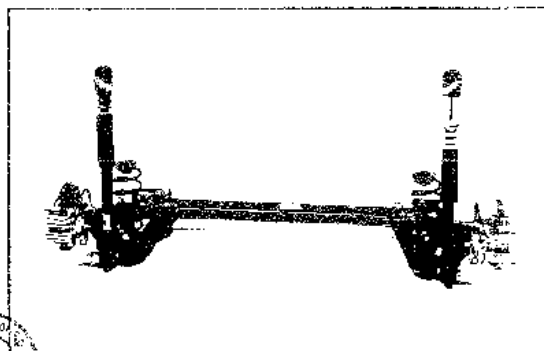
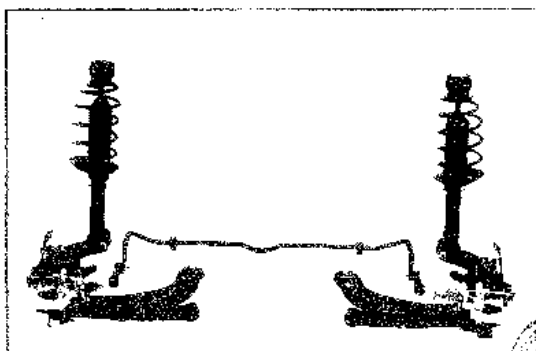
705. Autre type de suspension :
Other type of suspension :

*Voir description sur fiche supplémentaire
See description on additional form*

	Avant / Front	Arrière / Rear
707. Amortisseurs : Shock absorbers :		
a) Nombre par roue Number per wheel	<u>1</u>	<u>1</u>
b) Type Type	<u>telescopic</u>	<u>telescopic</u>
c) Principe de fonctionnement Principle of operation	<u>hydraulic</u>	<u>hydraulic</u>

1. Train avant complet déposé
Complete dismantled front axle

2. Train arrière complet déposé
Complete dismantled rear axle



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DE MOTOCYCLISME

Chemin de la Concorde - 75009 Paris
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Marque
Make:

VOLKSWAGEN

Modèle
Model:

GOLF 1.8-20V

Homologation n°

8-5584

5. TRAIN ROULANT / RUNNING GEAR

801. Roues :
Wheels :

a) Diamètre
Diameter

Avant / Front	Arrière / Rear
15" / 381 mm	15" / 381 mm

802. Freins :
Brakes :

b) Système de freinage
Braking system

hydraulic, ABS

b) Nombre de maître-cylindres
Number of master cylinders

1

b1) Alésages
Bores

23.8

mm : 23.8

mm

c) Servo-frein
Servo brakes

☒ oui
yes

☐ non
no

c1) Marque et type
Make and type

VW-Bosch, vacuum

d) Régulateur de freinage
Braking regulator

☐ oui
yes

☒ non
no

d1) Emplacement
Location

e) Nombre de cylindres par roue
Number of cylinders per wheel

1

1

e1) Alésage
Bore

54 mm

38 mm

f) Freins à tambours
Drum brakes

f1) Diamètre intérieur
Internal diameter

+/- 1.5 mm

+/- 1.5 mm

f2) Nombre de garnitures par roue
Number of linings per wheel

f3) Longueur développée des garnitures
Developed length of linings

+/- 1.5 mm

+/- 1.5 mm

f4) Largeur des garnitures
Width of linings

+/- 1 mm

+/- 1 mm

g) Freins à disques
Disc brakes

g1) Nombre de plaquettes par roue
Number of pads per wheel

2

2

g2) Nombre d'étriers par roue
Number of calipers per wheel

1

1

g3) Matériau des étriers
Caliper material

cast iron

light alloy

g4) Épaisseur du disque neuf
Thickness of new disc

22 +/- 1 mm

9 +/- 1 mm

g5) Diamètre extérieur du disque
External diameter of the disc

280 +/- 1.5 mm

232 +/- 1.5 mm

g6) Diamètre extérieur de frottement
des plaquettes
External diameter of parts
rubbing surface

280 +/- 1.5 mm

232 +/- 1.5 mm

FÉDÉRATION INTERNATIONALE
DE L'AUTOMOBILE



proposé le Contre-champ à l'Autosport
Société d'Automobilisme

114-1297

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

Homologation n°

A-5584

g7) Diamètre intérieur de frottement des plaquettes
Internal diameter of pads' rubbing surface

180 ± 1.5 mm

g8) Longueur hors-dent des plaquettes
Overall length of the pads

113 ± 1.5 mm

g9) Disques ventilés
Ventilated discs

☒ oui ☐ non
yes no

142 ± 1.5 mm

75 ± 1.5 mm

☐ oui ☒ non
yes no

h) Frein de stationnement
Parking brake :

h1) Système de commande
Control system

handlever + cables

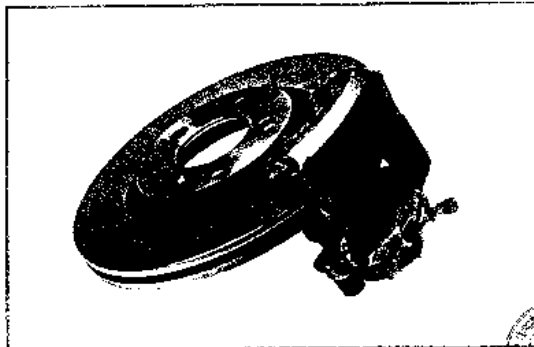
h2) Emplacement de la commande
Location of lever

center tunnel

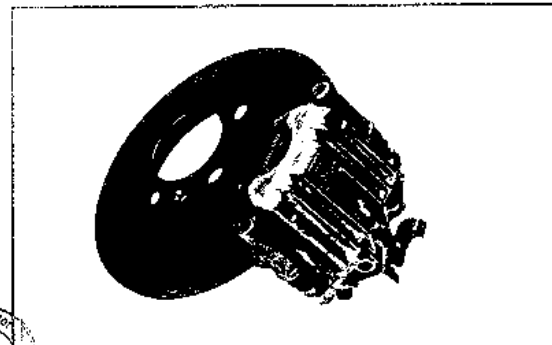
h3) Effet sur roues
On which wheels

☐ Avant ☒ Arrière
Front Rear

V1) Frein avant
Front brake



V2) Frein arrière
Rear brake



804. Direction :
Steering :

a) Type
Type

rack and pinion

b) Servo-assistance
Power assisted

☒ oui ☐ non
yes no

Type
Type

hydraulic

Arrière (Rear)

none

☐ oui ☐ non
yes no

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

1, place de la Concorde - 75008 Paris
Secours Administratifs
Tél. 01 47 36 00 00 - Fax 01 47 36 00 00

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Marque Make	Modèle Model	Homologation Nr.
<u>VOLKSWAGEN</u>	<u>GOLF 1.8-20V</u>	<u>A-5584</u>

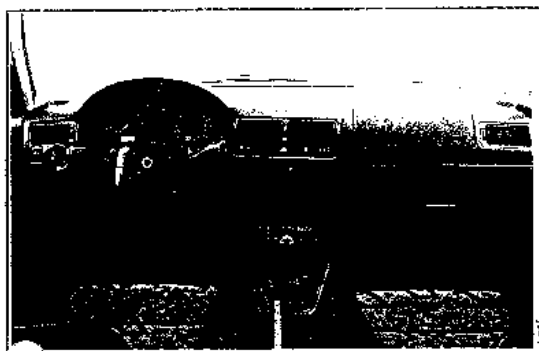
9. CARROSSERIE / BODYWORK

9a) Intérieur : Interior :	a) Ventilation Ventilation	☒ oui yes	☐ non no	b) Chauffage Heating	☒ oui yes	☐ non no	
f) Toit ouvrant optionnel Optional sun roof	☐ oui yes	☒ non no					
11) Type Type	12) Système de commande Control system						
Type		---					

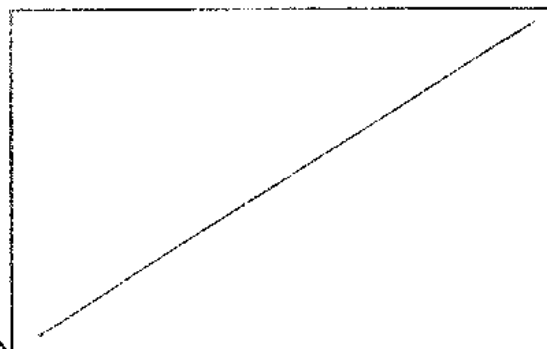
g) Système d'ouverture des vitres latérales
Opening system for side windows

Avant / Front	Arrière / Rear
<u>crank or electric</u>	<u>none</u>

X) Tableau de bord
Dashboard



Y) Toit ouvrant
Sunroof



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REGISTRATION TOTALE ET HOMOLOGATION
DE L'AUTOMOBILE
Centre de la Commande, DKSB pour
Services Administratifs
10000 Paris Cedex 19 - France

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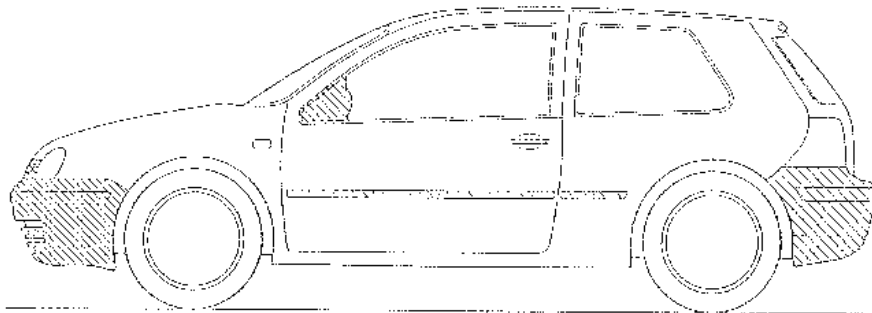
Marque: Make: <u>VOLKSWAGEN</u>	Modèle: Model: <u>GOLF 1.8-20V</u>	Homologation N° A-5584
992. Extérieur: Exterior:	993. Nombre de portes: Number of doors: <u>2</u>	994. Hayon Trunk: ☒ oui / yes ☐ non / no

	Avant / Front	Arrière / Rear
c) Matériau des portières: Door material:	<u>steel</u>	<u>—</u>
d) Matériau du capot avant: Front bonnet material: <u>steel</u>	e) Matériau du capot arrière / hayon: Rear bonnet / tailgate material: <u>steel</u>	
f) Matériau de la carrosserie: Bodywork material: <u>steel</u>		
h) Matériau de lunette arrière: Rear window material: <u>glass, hardened</u>	i) Matériau des glaces de custode: Rear quarter window material: <u>glass, hardened</u>	

	Avant / Front	Arrière / Rear
k) Matériau des vitres latérales: Side window material:	<u>glass, hardened</u>	<u>glass, hardened</u>
l) Matériau du pare choc: Material of bumper:	<u>PP-polypropylene</u>	<u>PP-polypropylene</u>

XIII) PARTIES DE CARROSSERIE SYNTHÉTIQUES / SYNTHETIC PARTS OF THE BODY

- front and rear bumpers
- grill
- side mirrors



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Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

Homologation n°

A-5584

INFORMATIONS COMPLEMENTAIRES / COMPLEMENTARY INFORMATION

note

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DE L'AUTOMOBILE

Chaque
Group

A N

Homologation
A-5584

Extension
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CERTIFICAT DE DIMENSIONS INTERIEURES
CERTIFICATE FOR INTERIOR DIMENSIONS

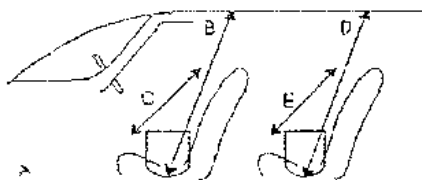
Véhicule : Constructeur

Vehicle : Manufacturer **VOLKSWAGEN**

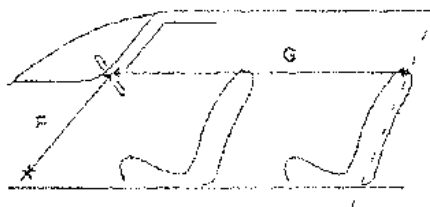
Modèle et type

Model and type **Golf 1.8 - 20 V**

Dimensions intérieures comme définies par le Règlement d'Homologation
Interior dimensions as defined by the Homologation Regulations



B	(Hauteur sur sièges avant) (Height above front seats)	<u>1010</u>	mm
C	(Largeur aux sièges avant) (Width at front seats)	<u>1390</u>	mm
D	(Hauteur sur sièges arrière) (Height above rear seats)	<u>890</u>	mm
E	(Largeur aux sièges arrière) (Width at rear seats)	<u>1360</u>	mm



F	(Volant - Pédale d-frein) (Steering wheel - Brake pedal)	<u>680</u>	mm
G	(Volant - Parei de séparation arrière) (Steering wheel - Rear bulkhead)	<u>1560</u>	mm
H	= F + G =	<u>2220</u>	mm

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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Groupe
Group **A**

Homologation N°
A-5584

Extension N°
01/01VK

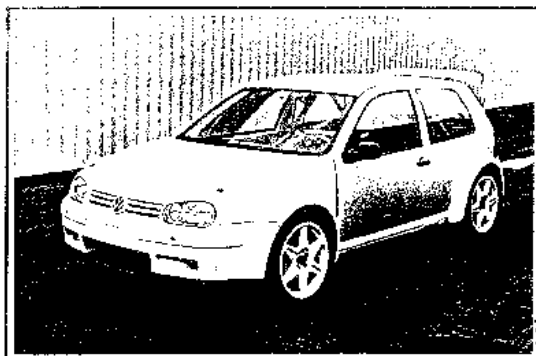
FICHE D'EXTENSION D'HOMOLOGATION
FORM FOR HOMOLOGATION EXTENSION

☒ **VK** Variante Kit / Kit Variant

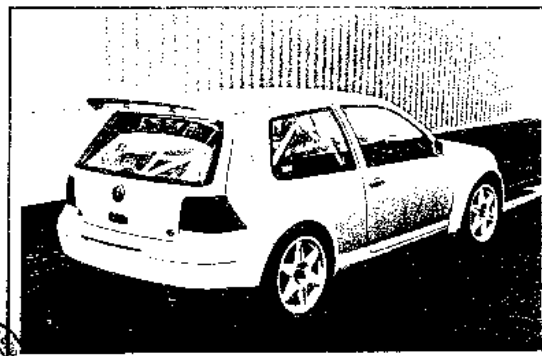
Homologation valable à partir du
Homologation valid as from

01 JUIN 1998

A) Voiture vue de 3/4 avant
Car seen front 3/4 front



B) Voiture vue de 3/4 arrière
Car seen from 3/4 rear



1. GENERALITES / GENERAL

102. Dénomination(s) commerciale(s) - Modèle et type
Commercial name(s) - Model and type

VOLKSWAGEN, GOLF 1.8-20V

103. Cylindrée
Cylinder capacity **1995,2 cm³**

2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHT

203. Largeur hors-tout
Overall width **max. 1882 mm**

Endroit de mesure
Where measured **wings at front axle**

204. Largeur de carrosserie
Width of bodywork

a) A la hauteur de l'axe avant
At front axle **1882 mm**

b) A la hauteur de l'axe arrière
At rear axle **1844 mm**

Platzhelfer
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9 rue du Louvre 75001 Paris

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Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make: VOLKSWAGEN

Modèle
Model: GOLF 1.8-20V

Homologation N°

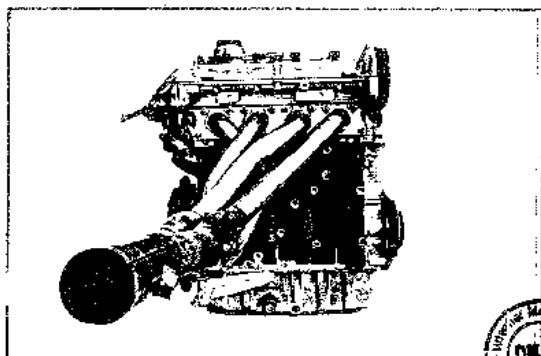
A-5584

Extension N°

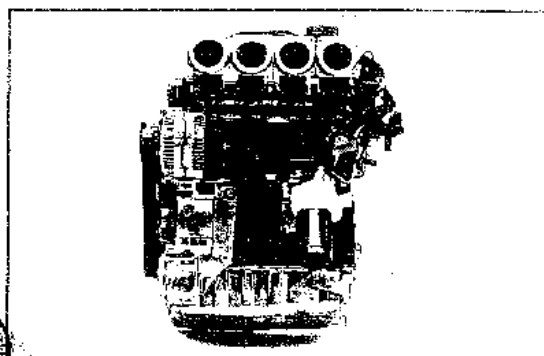
01/01VK

3. MOTEUR / ENGINE

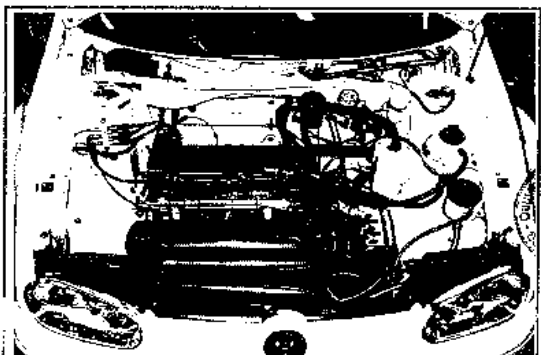
C) Profil droit du moteur déposé
Right hand view of dismantled engine



E) Profil gauche du moteur déposé
Left hand view of dismantled engine



E) Moteur dans son compartiment
Engine in its compartment



307. Cylindrée
Cylinder capacity

a) Unitaire
unitary

498.8 cm³

b) Totale
Total

1995,2 cm³

c) Totale max. autorisée
Max. total allowed

1999.8 cm³

313. Chemises :
Sleeves :

a) ☒ xx ☐ non
no

c) ☒ xx ☒ xx

314. Alésage
Bore

84.0 mm

315. Alésage maximum autorisé
Maximum bore allowed

84.1 mm

316. Course
Stroke

90.0 mm

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Golf 4 Gr A/Kit Car Homologation Papers

Marque Make	VOLKSWAGEN	Modèle Model	GOLF 1.8-20V	Homologation N° A-5584
				Extension N° 01/01VK

318. Bielle : h) Type de la tête de bielle **2 pieces**
 Connecting rod Big end type
 c) Diamètre intérieur de la tête de bielle (sans coussinets)
 Interior diameter of the big end (without shell bearings) **49.0 mm**
 d) Longueur entre axes **152.3 +0.01 mm** e) Poids minimum **385 g**
 Length between the axes Minimum weight

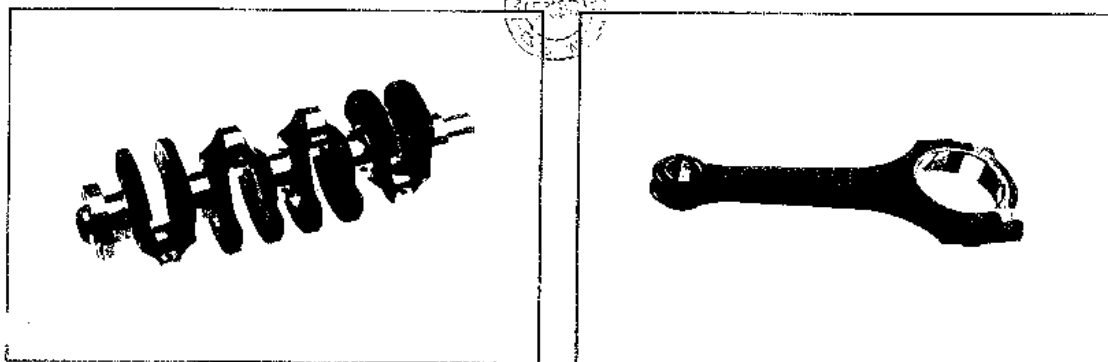
319. Vilebrequin : n) Type de construction **1 piece**
 Crankshaft Type of manufacture
 c)

xx	forgé forged
----	-----------------

 e) Type de paliers **plain, sliding**
 Type of bearings
 f) Diamètre des paliers **54.0 mm** g) Matériau des chapeaux de paliers **cast iron**
 Diameter of bearings Bearing cap material
 h) Poids minimum du vilebrequin nu **12.276 g**
 Minimum weight of bare crankshaft

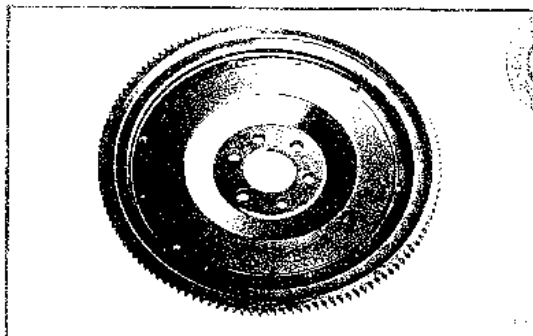
E2) Vilebrequin (avec marquage)
 Crankshaft (with marking)

Bielle (avec marquage)
 Connecting rod (with marking)



320. Volant-moteur : b) Poids minimum avec couronne de démarreur **2.750 g**
 Flywheel : Minimum weight with starter ring

E3) Volant moteur
 Engine flywheel



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Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

Homologation N°

A-5584

Extension N°

01/01VK

323. Alimentation par carburateur :
Fuel feed by carburettor :

a) Nombre de carburateurs : XXXX
Number of carburettors

b) Type : ---
Type

c) Marque et modèle : ---
Make and model

d) Nombre de passages de gaz par carburateur
Number of mixture passages per carburettor : ---

e) Diamètre maximum de la sortie de gaz du carburateur
Maximum diameter of the carburettor mixture exit port^{mm} : ---

f) Diamètre du diffuseur au point d'étranglement maximum
Diameter of the venturi at the narrowest point^{mm} : ---

324. Alimentation par injection :
Fuel feed by injection :

a) Marque : Bosch
Make

b) Modèle : Motronic MS 2.8
Model

c) Mode de dosage du carburant :
Kind of fuel measurement :

XXXXX	électronique	XXXXX
XXXXX	electronical	XXXXX

d) Dimensions du conduit d'admission au niveau de papillon ou de la guilotine
Dimensions of intake pipe at the throttle or slide location : 4 x Ø 47 +/- 0.25 mm

e) Nombre de sorties effectives de carburant : 4
Number of effective fuel outlets

f) Position des injecteurs
Position of injectors

g)

Collecteur	XXXX
Manifold	XXXX

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Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

Homologation N°

A-5584

Extension N°

01/01VK

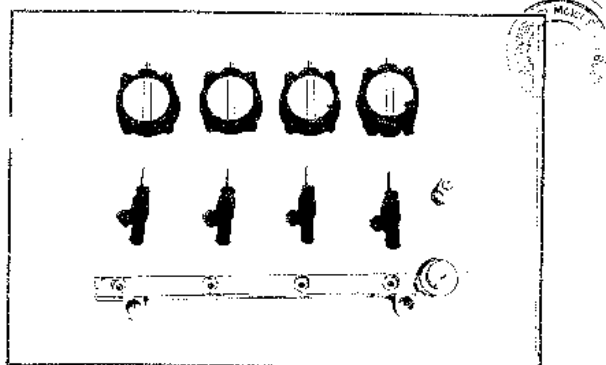
g) Capteurs du système d'injection
Sensors of injection system:

see XIV, page 6

h) Actionneurs du système d'injection
Actuators of injection system

see XIV, page 6

i) Carburateur / Système d'injection
Carburetor / Injection system



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Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

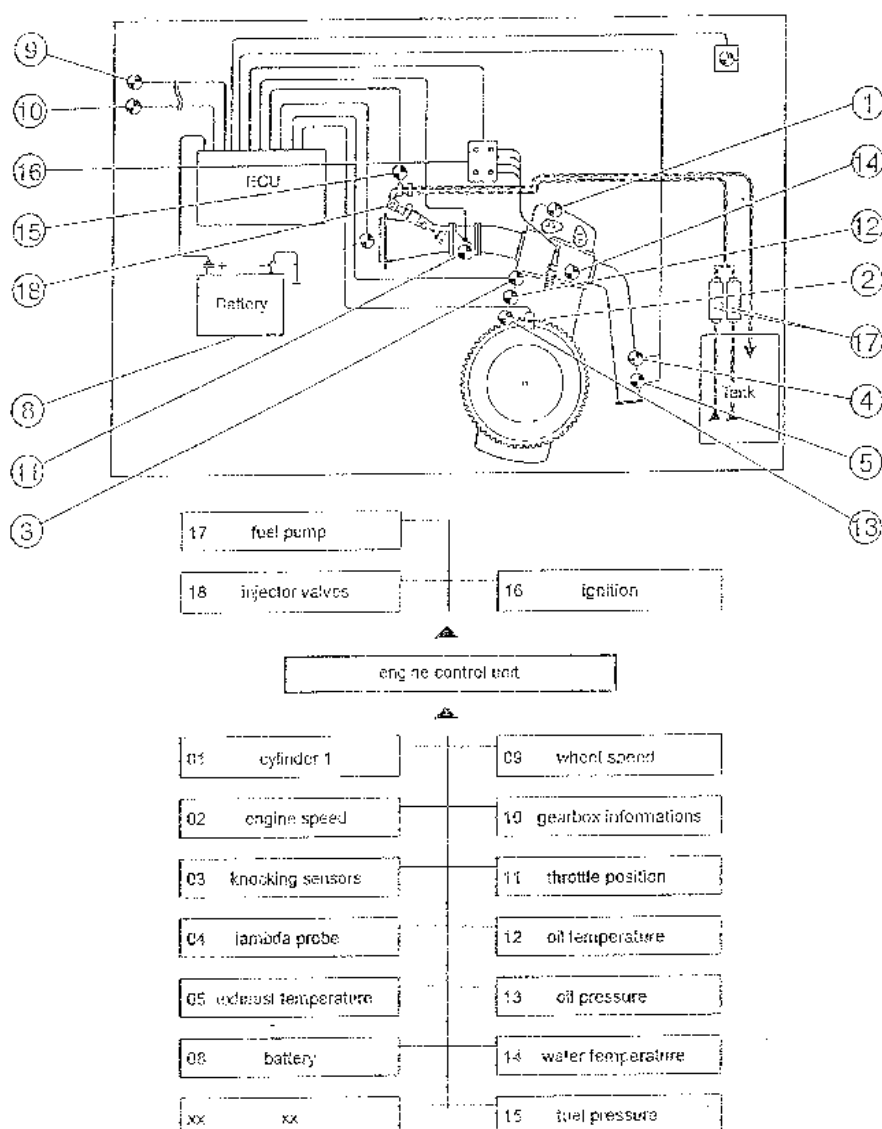
Homologation N°

A-5584

Extension N°

01/01VK

XIV) LOCALISATION DES CAPTEURS ET ACTIONNEURS / LOCATION OF SENSORS AND ACTUATORS :



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Service Administratif

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Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

Homologation n°

A-5584

Extension n°

01/01VK

327 Admission :
Intake :

a) Matériau du collecteur
Material of manifold

aluminium-alloy

b) Nombre d'éléments du collecteur
Number of manifold elements

5

d) Diamètre maximum de soupape
Maximum diameter of the valve

---XXX---

mm

e) Diamètre de tige de soupape dans guide
Diameter of the valve stem in guide

+0/-0.2 mm

f) Longueur de soupape
Valve length

+/- 1.5 mm

UNIQUEMENT POUR LES MOTEURS A DEUX SOUPAPES PAR CYLINDRE (UNE D'ADMISSION + UNE D'ECHAPPEMENT)
ONLY FOR ENGINES WITH TWO VALVES PER CYLINDER (ONE FOR INTAKE + ONE FOR EXHAUST)

328 Echappement :
Exhaust :

a) Matériau du collecteur
Material of manifold

steel

b) Nombre d'éléments du collecteur
Number of manifold elements

1

c) Dimensions intérieures de sortie collecteur
Internal dimensions of manifold exit

Ø 57.5 ±1

mm

e) Diamètre maximum de soupape
Maximum diameter of the valve

XXX ---

mm

f) Diamètre de tige de soupape dans guide
Diameter of the valve stem in guide

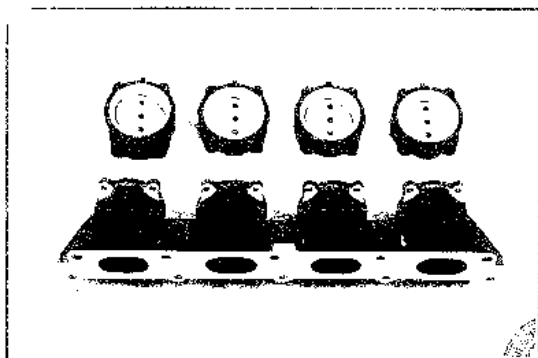
+0/-0.2 mm

g) Longueur de soupape
Valve length

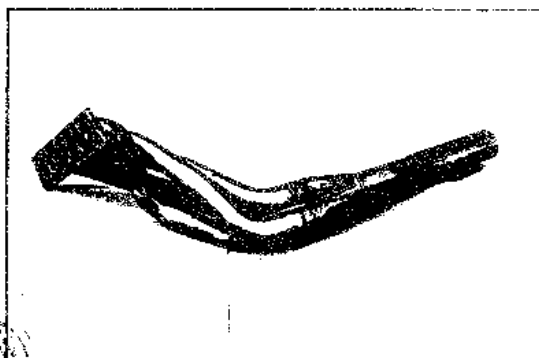
+/- 1.5 mm

UNIQUEMENT POUR LES MOTEURS A DEUX SOUPAPES PAR CYLINDRE (UNE D'ADMISSION + UNE D'ECHAPPEMENT)
ONLY FOR ENGINES WITH TWO VALVES PER CYLINDER (ONE FOR INTAKE + ONE FOR EXHAUST)

f) Collecteur d'admission
Intake manifold



g) Collecteur d'échappement
Exhaust manifold



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DE L'AUTOMOBILE

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Tél. 01 47 73 10 00

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Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.6-20V

Homologation N°

A-5584

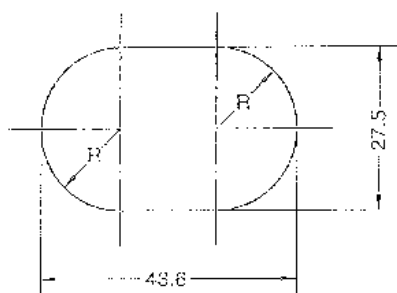
Extension N°

01/01VK

Dessins des orifices du moteur - tolérances sur les dimensions : -2%, +4%
Drawings of engine ports - tolerances on dimensions : -2%, +4%

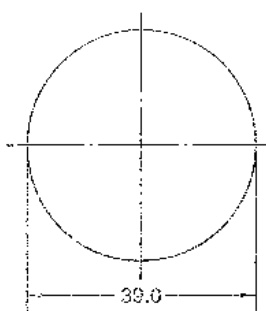
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II) Collecteur, côté culasse / Manifold, cylinderhead side



E
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IV) Collecteur, côté culasse / Manifold, cylinderhead side



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Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8 20V

Homologation N°

A-5504

Extension N°

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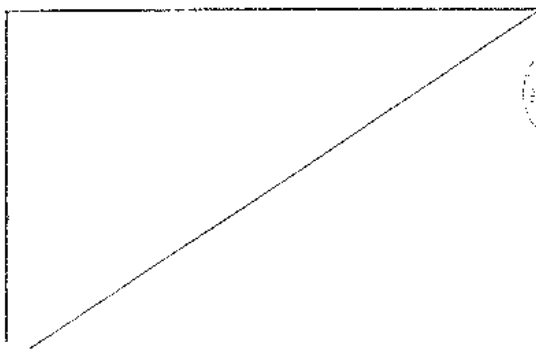
9. CARROSSERIE / BODYWORK

XVI) DISPOSITIF AERODYNAMIQUE AVANT VU DE FACE AVEC DIMENSIONS DES OUVERTURES :
FRONT AERODYNAMIC DEVICE SEEN FROM THE FRONT WITH DIMENSIONS OF OPENINGS :

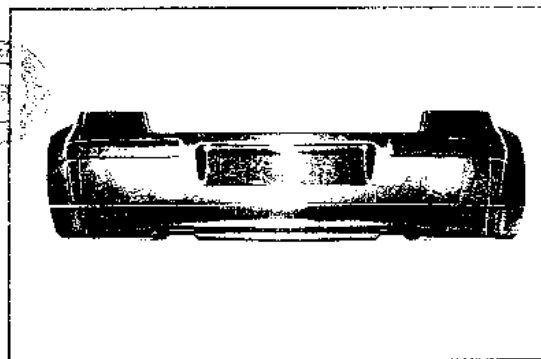
- Side openings 300 x 80 mm
- Center opening 685 x 170 mm



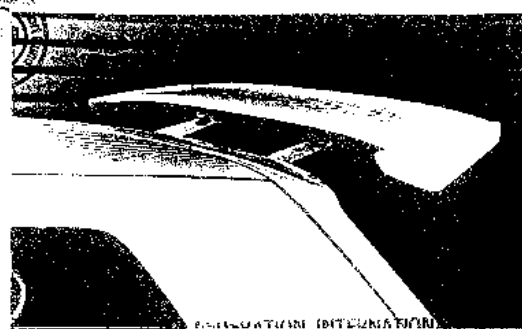
A1) Couverture dans le capot moteur
Opening in engine bonnet



A2) Pare-chocs arrière / Bouclier arrière
Rear bumper



XVII) REAR AERO-DYNAMIC DEVICE SEEN FROM ABOVE AND IN SIDE VIEW.



Wing: profile length max 1060 mm, mounted inside frontal projection of horizontal car, side views respect 170x170 mm

FFA - Fédération Française de l'Automobile

Services Après-vente

à la rue Bussy d'Angles, 78000 Paris

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Marque
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VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

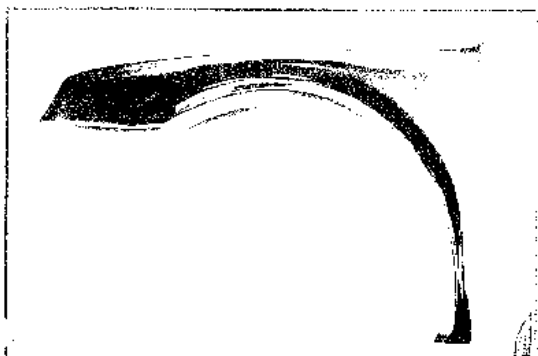
Homologation N°

A-5584

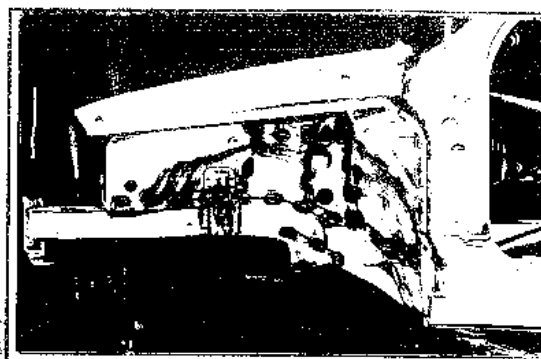
Extension N°

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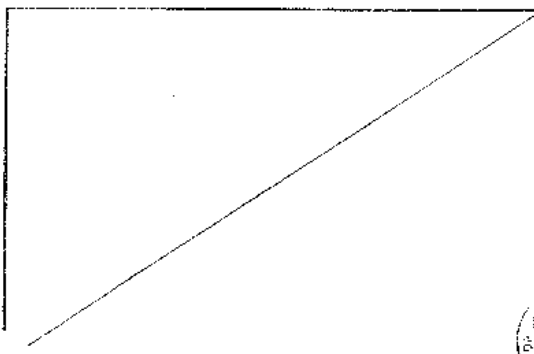
A3) Aile avant
Front wing



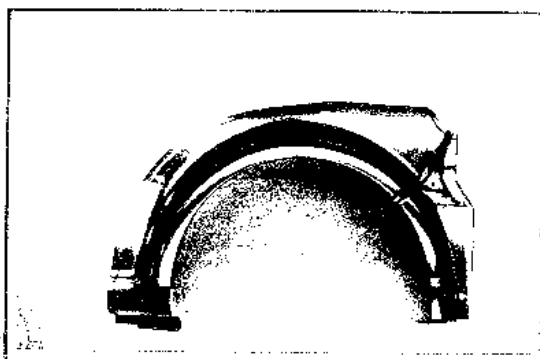
A4) Passage de roue avant avec les pièces montées
Front wheel arch with assembled parts



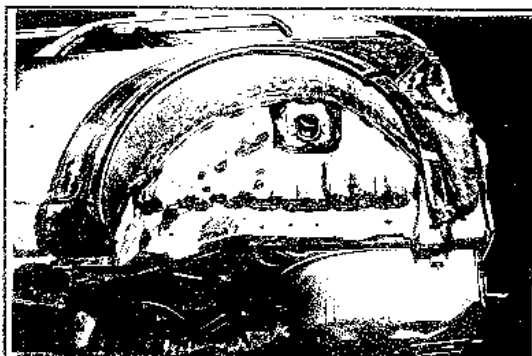
A5) Pièces démontées du passage de roue avant
Front wheel arch dismantled parts



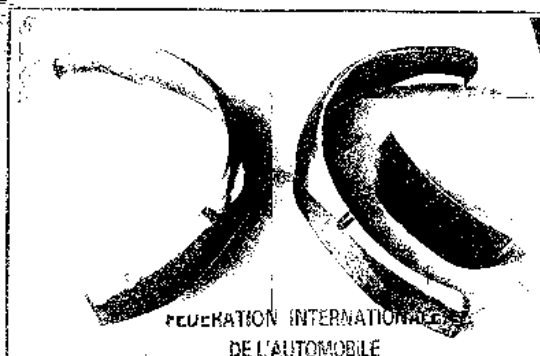
A6) Aile arrière
Rear wing



A7) Passage de roue arrière avec les pièces montées
Rear wheel arch with assembled parts



A8) Pièces démontées du passage de roue arrière
Rear wheel arch dismantled parts



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Marque
Make

VOLKSWAGEN

Modèle
Model

GOLF 1.8-20V

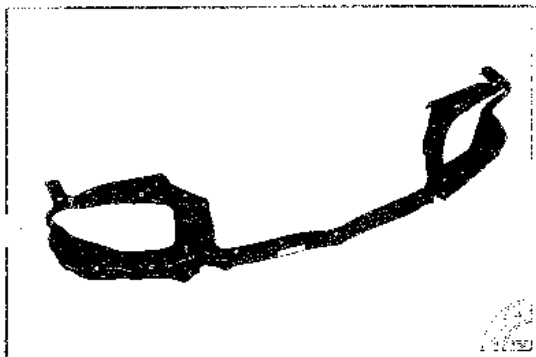
Homologation N°

A-5584

Extension N°

01/01VK

20) Vue frontale de la modification de traverse supérieure ainsi que des renforts éventuels.
Frontal view of the upper cross member modification and of any reinforcements.



Gog 4 Gr A/Kit Car Homologation Papers

Marque Make	VOLKSWAGEN	Modèle Model	GOLF 1.8-20V	Homologation N°
				A-5584
				Extension N°
				01/01VK

INFORMATIONS COMPLEMENTAIRES / COMPLEMENTARY INFORMATION

REAR AERO-DYNAMIC DEVICE

The rear wing may be mounted with angles α from 6° to 16°.

To stay with the complete device inside the frontal projection of the car, the shown dimensions, taken in the cars centerline from the wings highest point, have to be respected:

A = max.340mm B = max.485mm

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DE L'ART CARRÉ

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Service Administratif
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Gog 4 Gr A/Kit Car Homologation Papers

Marque Make	VOLKSWAGEN	Modèle Model	GOLF 1.8-20V	Homologation N° A-5584
				Extension K° 01/01VK

INFORMATIONS COMPLÉMENTAIRES / COMPLEMENTARY INFORMATION

The Variant Kit 1998 consists of 5 groups of special parts

- | | | |
|---|--|--------------------|
| 1 | fly wheel, inlet and exhaust manifold, injection | art. 320, 327, 328 |
| 2 | all engine parts (incl. pos. 1) | pages 2 to 7 |
| 3 | upper front crossmember | page 11 |
| 4 | bumpers, wheel arches and wings | pages 9 and 10 |
| 5 | rear aerodynamic device | page 9 |

Each group can be used separately or in any combination with other VK groups

VK- parts identification, distribution and bodyworks certificate

The parts, especially produced and homologated for the kit, are marked "VWM-98-G4K"
Sole distributor is Volkswagen Motorsport, Ikarusallee 7 A, D-30179 Hannover.

Bodyworks modifications following pos. 4 need supervision by Volkswagen Motorsport.
Conformity will be approved by a numbered original Volkswagen Motorsport Certificate
and a corresponding kit-chassis number near the front right turret.

The resistance of the bodyshell in case of impact remains as original.

VK- parts "VWM-98-G4K"

crankshaft	G4K 105 101	wheel arch, rear, left	G4K 809 425
conrod	G4K 198 401	wheel arch, rear, right	G4K 809 426
flywheel	G4K 105 269	wing, front, left	G4K 821 021
inlet manifold	G4K 133 206	wing, front right	G4K 821 022
exhaust manifold	G4K 253 031	wing, rear, left	G4K 809 843
throttle body	G4K 133 061	wing, rear, right	G4K 809 844
injection rail	G4K 133 317	bumper, front	G4K 807 217
crossmember	G4K 805 588	bumper, rear	G4K 807 417
rear spoiler	G4K 827 933		

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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Groupe
Group **A**

Homologation N° A-5584
Extension N° 02/01 VO

FICHE D'EXTENSION D'HOMOLOGATION FOR OF HOMOLOGATION EXTENSION

- | | |
|--|--|
| ☐ ES Evolution sportive du type / Sporting evolution of the type | ☒ VO Variante option / Option variant |
| ☐ ET Evolution normale du type / Normal evolution of the type | ☐ ER Erratum / Erratum |
| ☐ VF Variante de fourniture / Supply variant | |

Véhicule : Constructeur
Vehicle : Manufacturer **VOLKSWAGEN**

Modèle et type
Model and type **Golf 1.8 - 20V**

Homologation valable à partir du
Homologation valid as from **01 JUIN 1998**

Page or ext.	Article	Description																								
	6	Power Train																								
	603	Additional gearbox "A"																								
	b)	Type VWM/GEMINI. - Box aluminium or magnesium, optional oilpump and central clutch cylinder integrated, output-flanges may vary for different CV- or tripod-joints. 01																								
	d)	Gear shift lever - Position on center tunnel and design are free according to the drivers needs. One hole for shift rod, max. Ø 80 mm, in front bulk-head allowed, must be sealed. Optional: device to unloc neutral or reverse. 02, 03																								
	e)	Ratios <table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th><th>No. of teeth</th><th>Ratio</th></tr> </thead> <tbody> <tr> <td>R</td><td>35:13</td><td>2.682</td></tr> <tr> <td>1</td><td>35:12</td><td>2.917</td></tr> <tr> <td>2</td><td>33:14</td><td>2.357</td></tr> <tr> <td>3</td><td>29:15</td><td>1.933</td></tr> <tr> <td>4</td><td>26:16</td><td>1.625</td></tr> <tr> <td>5</td><td>27:19</td><td>1.421</td></tr> <tr> <td>6</td><td>24:19</td><td>1.263</td></tr> </tbody> </table>		No. of teeth	Ratio	R	35:13	2.682	1	35:12	2.917	2	33:14	2.357	3	29:15	1.933	4	26:16	1.625	5	27:19	1.421	6	24:19	1.263
	No. of teeth	Ratio																								
R	35:13	2.682																								
1	35:12	2.917																								
2	33:14	2.357																								
3	29:15	1.933																								
4	26:16	1.625																								
5	27:19	1.421																								
6	24:19	1.263																								
	f)	Gear change : non synchronized sequential R-0-1-2-3-4-5-6																								

[Signature]
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9 bis, rue Cassa d'Arges, 75001 Paris

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make **VOLKSWAGEN**

Modèle
Model **GOLF 1.3 - 20V**

Homologation N° A-5584
Extension N° 02/01V0

Page or ext.	Article	Description	
	605	Final ratios "A"	Photo
		51:17 = 3.000 53:17 = 3.118 52:16 = 3.250 53:16 = 3.313	
		51:15 = 3.400 53:15 = 3.533 51:14 = 3.643 49:13 = 3.769	
		50:13 = 3.846 51:13 = 3.923 52:13 = 4.000 54:13 = 4.154	
		55:13 = 4.231 53:13 = 4.462 60:13 = 4.615 56:12 = 4.667	
	606	Reinforced driveshafts, dimensions may vary according to suspension- and gearbox-type, CV-,ball- or tripod-bearings.	04, 05
	7	Suspension	
---		Front strut, reinforced, various dimensions, steel or aluminium.	06
---		Rear shock absorber, combined spring-and-damper type, reinforced, various dimensions, steel or aluminium. - Original springs removed.	07
---		Front strut mounting, strut axis max. 20 mm excentric, turnable for best alignment, more bolt holes allowed, optional bearing height adjustable by +/-20mm from standard. - Design may vary to suit different shockabsorbers.	08 - 10
---		Rear shock absorber top mounting bracket, shock axis max. 20 mm from original position. - Design may vary to suit different shocks.	11
---		Front wheel big-bearing house with bolt-on adapters for wishbone, steering and brake. - Adapters may vary to suit suspension settings and brake dimensions. - Wheel camber adjustable.	12, 13
---		Rear wheel big-bearing house. Toe and camber adjustable, number and thickness of adjuster plates free. - Bolt-on brake adapters free.	14
---		Wheel hub, reinforced, steel or titanium.	15
---		Wheel hub for central nut, steel or titanium, thread and nut type may vary.	16
---		Front suspension subframe, mounting to chassis in original position, suspension axis within 20 mm radius of production car. - Supports for engine/gearbox, steering rack and sumpguard (rally only) may be added.	17
---		Wishbone, adjustable rods, may vary in length and diameters for different trackwidth, optional brackets for stabilizer rod added.	18, 19
---		Rear axle, reinforced. Mounting points to chassis max. 20 mm from original. Optional stabilizer bar integrated in traverse profile, as original car.	20
---		Stabilizer, mounted to body works - Optional free adjustment from cockpit	
	- front		21, 57
	- rear		22, 58

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Gog 4 Gr A/Kit Car Homologation Papers

Make: **VOLKSWAGEN**

Model: **GOLF 1.8 - 20 V**

Homologation N°
A-5584

Extension N°
02/01 VO

FICHE D'HOMOLOGATION VO POUR FREINS A DISQUE (à utiliser avec première page de "Fiche d'Extension d'Homologation")
VO HOMOLOGATION FORM FOR DISC BRAKES (to be used with first page of "Form of Homologation Extension")

803. Freins :
Brakes :

e) Nombre de cylindres par roue
Number of cylinders per wheel

e1) Alésage
Bore

g) Freins à disques :
Disc brakes :

g1) Nombre de plaquettes par roue
Number of pads per wheel

g2) Nombre d'étriers par roue
Number of calipers per wheel

g3) Matériau des étriers
Caliper material

g4) Epaisseur du disque neuf
Thickness of new disc

g5) Diamètre extérieur du disque
External diameter of the disc

g6) Diamètre extérieur de frottement des plaquettes
External diameter of pads' rubbing surface

g7) Diamètre intérieur de frottement des plaquettes
Internal diameter of pads' rubbing surface

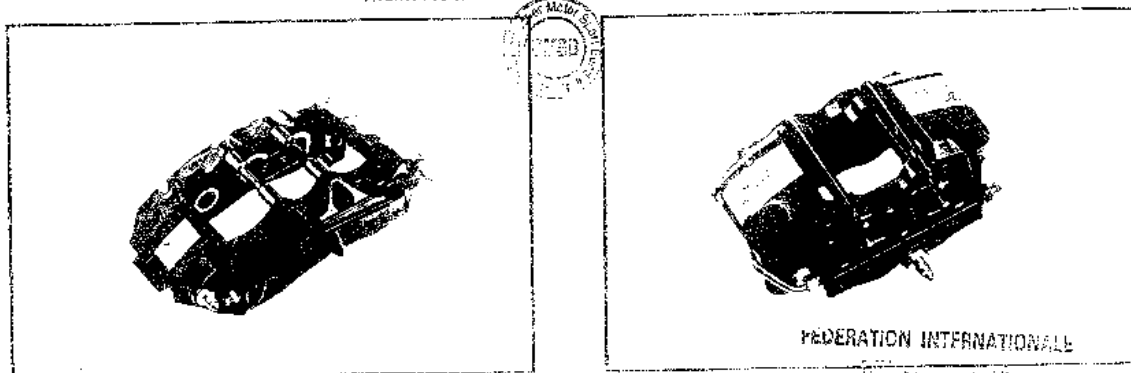
g8) Longueur hors-tout des plaquettes
Overall length of the pads

g9) Disques ventilés
Ventilated discs

Avant / Front	Arrière / Rear
4/6 or 8	1/2 or 4
20-52 mm	20-45 mm
2 or 4	2
1	1
Al-alloy	Al-alloy
28-36 +/- 1 mm	8 - 24 +/- 1 mm
280-385 +/- 1.5 mm	225-280 +/- 1.5 mm
280-385 +/- 1.5 mm	225-280 +/- 1.5 mm
178-310 +/- 1.5 mm	136-210 +/- 1.5 mm
112-165 +/- 1.5 mm	70-132 +/- 1.5 mm
☒ oui yes	☒ oui yes
☐ non no	☐ non no

avant / Front

Arrière / Rear



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Services Administratifs :

M. H. ...

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make: **VOLKSWAGEN**

Modèle
Model: **GOLF 1.8 - 28V**

Homologation N° A-5584
Extension N° 02/01 VO

Page or no.	Article	Description	
	8	Running gear	Photo
---		All homologated and approved brake calipers are marked "VWM-Alcon"	--
---		Front brake calipers, respecting technical datas listed page 3, art.803	23, 24
---		Rear brake calipers, respecting technical datas listed page 3, art.803	25, 26
---		Caliper assemblies may vary by inner machining for different disc thickness and diameters, type of mounting boss, pad retention by clips or bolts	--
---		All VO front calipers may optionally be choosen with internal liquid cooling. The system consists of customary parts: electric pump, radiator, header tank, connectors and hoses. Max. 3.5 l circulating cooling fluid.	--
---		Brake discs, numbers of vanes, grooves and / or crossdrills may vary. Connected to mounting bells by 8 to 18 bolts (fixed) or bobbins (floating)	27 - 30
---		Mounting bells, different in diameters, numbers of thermal expansion slots and fixing holes.	31 - 33
---		Servo brake unit, vacuum, Ø 6" to 10"	34
---		Master cylinder, tandem type, Ø 18 to 30 mm, different design possible.	35
---		Brake balance bar for 2 master cylinders, to be integrated in brake pedal systems (see photo 37, 38). - Optional free adjustment device and display.	36
---		Pedal box for brake and clutch operation, optionally combined or separate. Pedals from steel or light alloy.	37, 38
---		Master cylinder for brake or clutch, bore optionally Ø 15 to 26 mm, reservoir- and housing-design incl length and flange position may vary.	39, 40
---		Hydraulic handbrake, on tunnel. - Optional cable mechanism may be fitted for additional mechanical rear brake control.	41
---		Cut-off cock instead of or additional to handbrake, cockpit.	42
---		Brake pressure regulator, cockpit.	43, 44
---		On installation of VO-brake parts, complete power brake assembly and / or ABS/EDS-system may be dropped.	--

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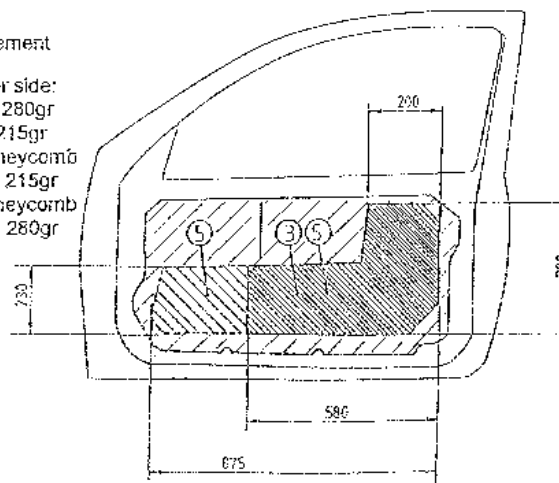
Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make: **VOLKSWAGEN**

Modèle
Model: **GOLF 1.8 - 20V**

Homologation N° A 5594
Extension N° 02/01V0

Page or ext.	Article	Description	Photo
---	---	Steering rack with 51 to 64mm rack travel per turn, installed in standard or alternativ (photo) steering box.	45
---	---	High volume pump for powersteering fluid. - Reservoir, filler cap and brackets are free for different mounting position.	46
---	---	- mechanical	47
---	---	- electric	
---	---	Radiator for steering fluid, dimensions free, standard and tube-type.	48, 49
---	---	Steering rod, reinforced and adjustable, different lengths and bushes to suit suspension setting, solid or tube type.	50, 51
9	Body works		
---	---	Ventilation flap (rally only), optional 1 or 2 in the front third of the roof	52
---	---	Seat supports principle	53
---	---	The following items may be deleted: Radio installation kit, remote mirror adjustment, rear wash / wiper system, standard catalyst, airbag.	--
---	---	Doors, standard parts replaced by side protections made from energy absorbing materials, respecting the criteria shown in App.J, drawing no. 255-14.	54 - 56
		VWM-Side Protection Element Layers from inner to outer side: 1. 3 ply carbon 2/2 twill, 280gr 2. 1 ply carbon-kevlar, 215gr 3. 13mm aluminium honeycomb 4. 1 ply carbon-kevlar, 215gr 5. 10mm aluminium honeycomb 6. 3 ply carbon 2/2 twill, 280gr	



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Marque: VOLKSWAGEN
Make: VOLKSWAGEN

Modèle: GOLF 1.6-20V
Model: GOLF 1.6-20V

Homologation N°
A-5584

Extension N°
02/01V0

PHOTO N° 01

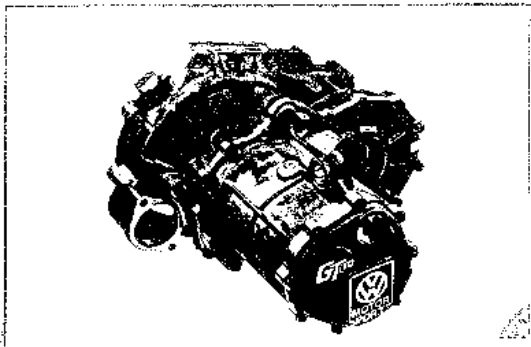


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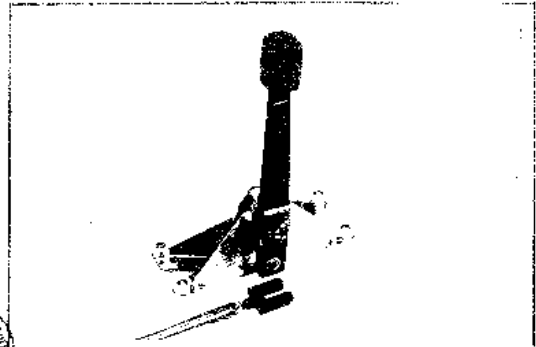


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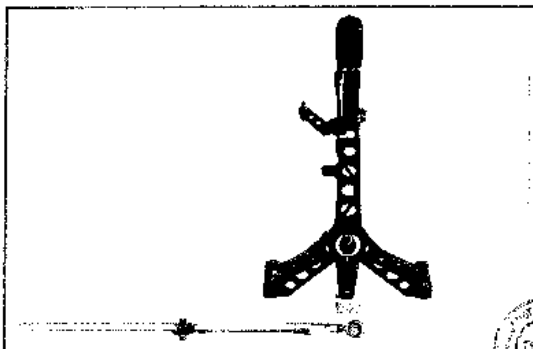


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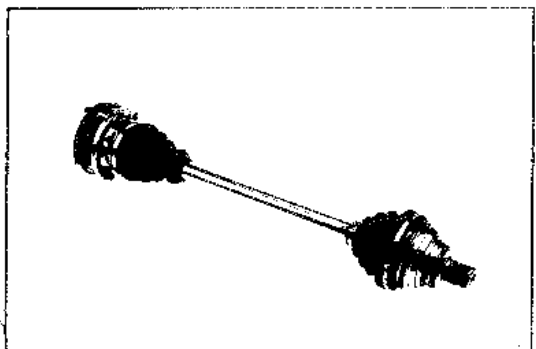


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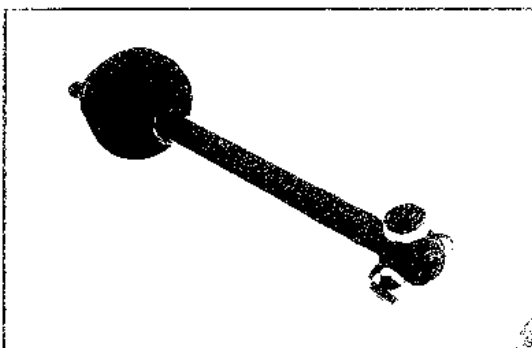
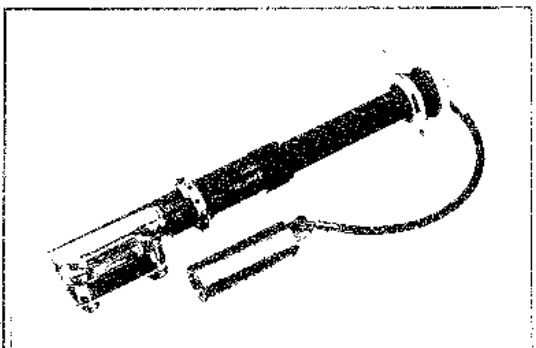


PHOTO N° 06



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Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

Homologation N°

A-5584

Extension N°

02/01V0

PHOTO N° 07

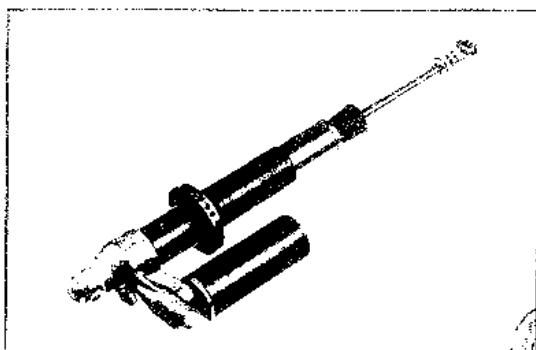


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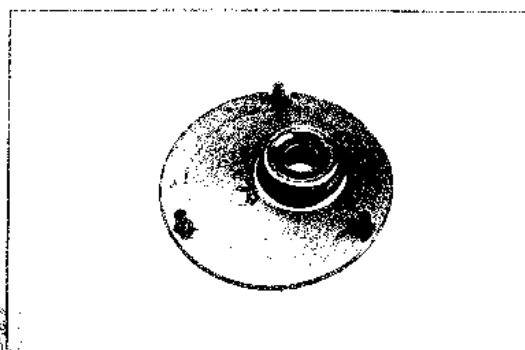


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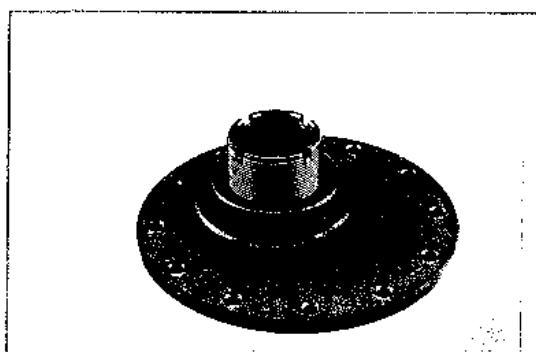


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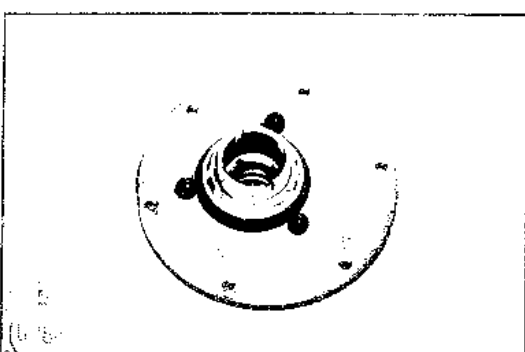
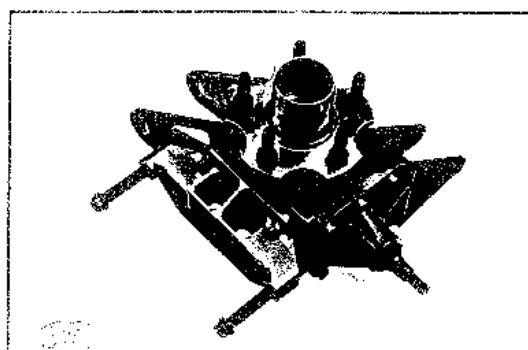


PHOTO N° 11



PHOTO N° 12



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Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1 B 20V

Homologation N°

A-5584

Extension N°

02/01V0

PHOTO N° 13

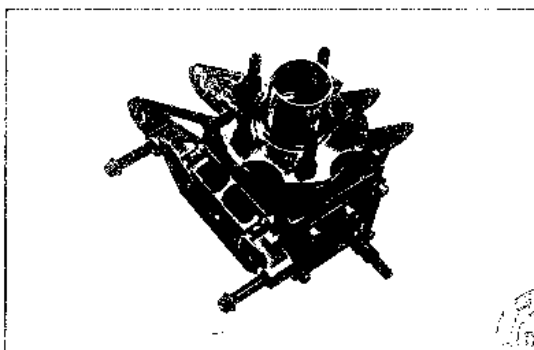


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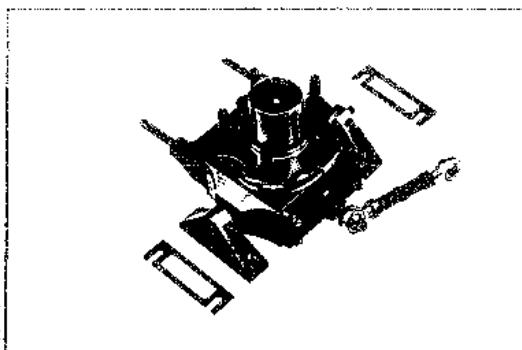


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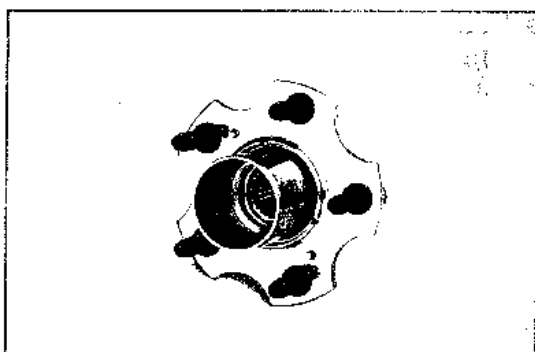


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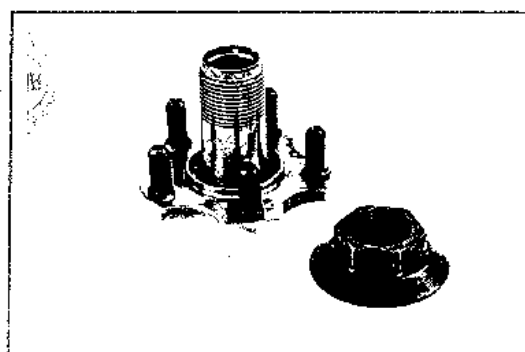


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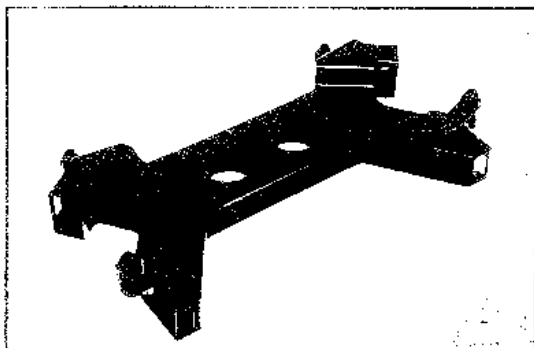
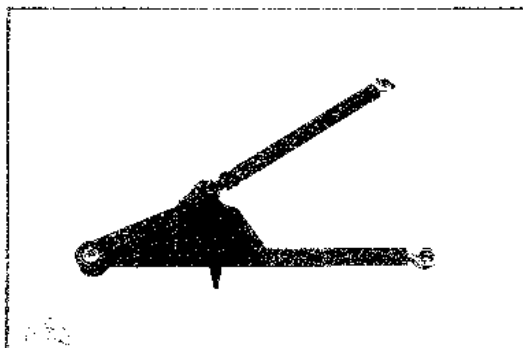


PHOTO N° 18



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Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

Homologation N° A-5584
Extension N° 02/01V0

PHOTO N° 19

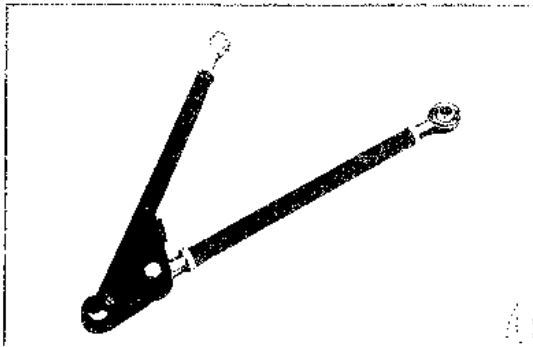


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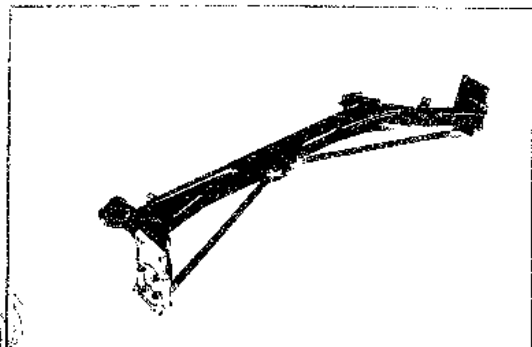


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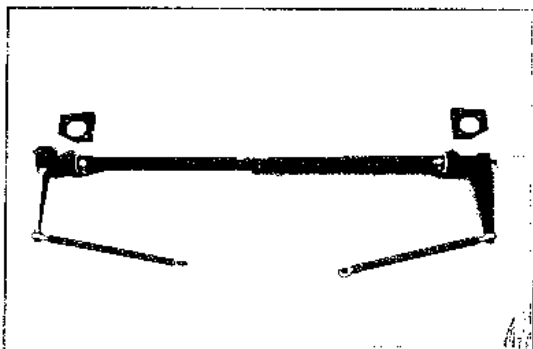


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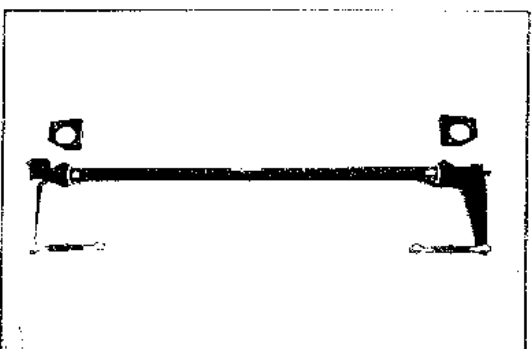


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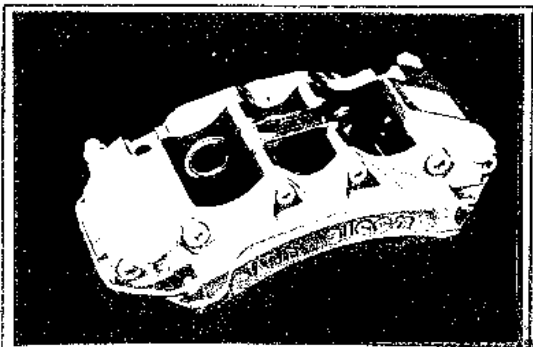
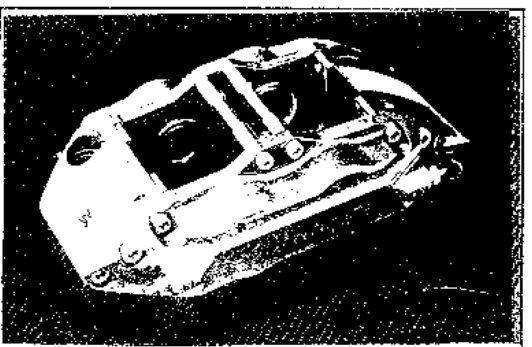


PHOTO N° 24



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CONTRACT 1. VOLKSWAGEN

DE HARTOGH B.V.

8, place de la Courbe de l'Arche Paris

Service Administratif :

Rue de la Courbe de l'Arche Paris

Gog 4 Gr A/Kit Car Homologation Papers

Marque VOLKSWAGEN

Modèle GOLF 1.8-20V

Homologation N°

A-5584

Extension N°

02/01V0

PHOTO N° 25

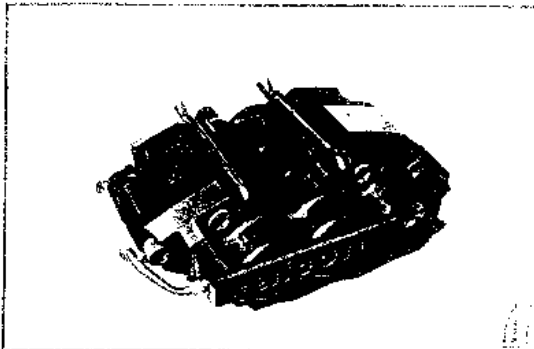


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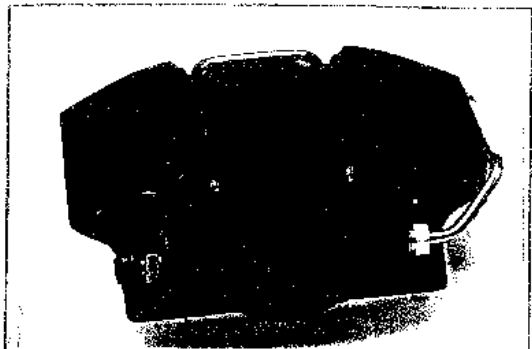


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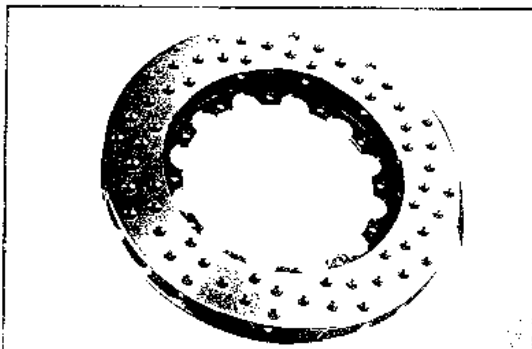


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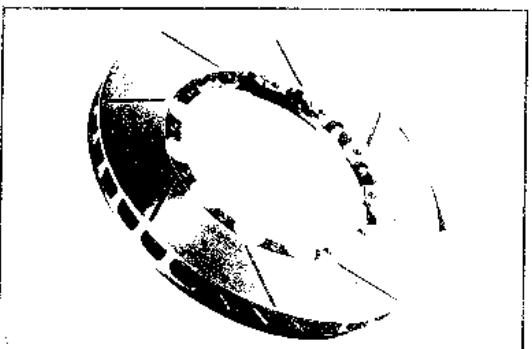


PHOTO N° 29



PHOTO N° 30



Représentant officiel de la marque
D. L. CAS...
8, place de la Concorde, 75008 Paris
Sous réserve de la marque D.

45/11A-1997

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

Homologation N°

A-5584

Extension N°

02/01V0

PHOTO N° 31



PHOTO N° 32

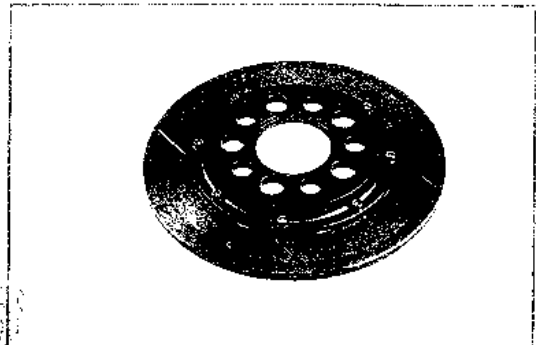


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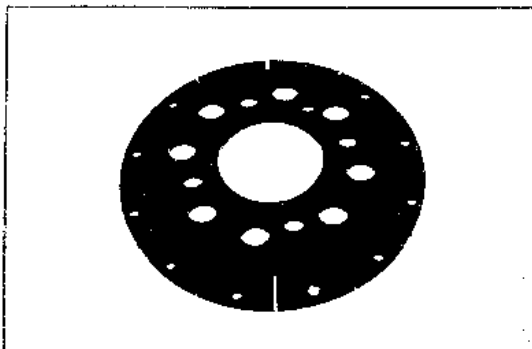


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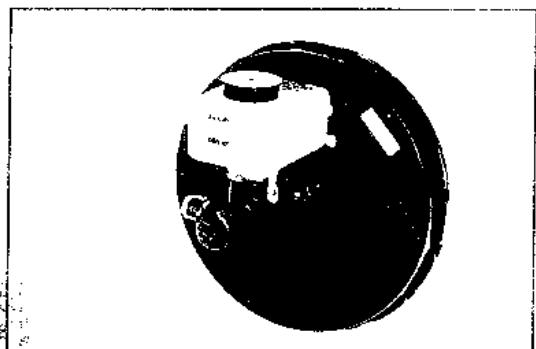


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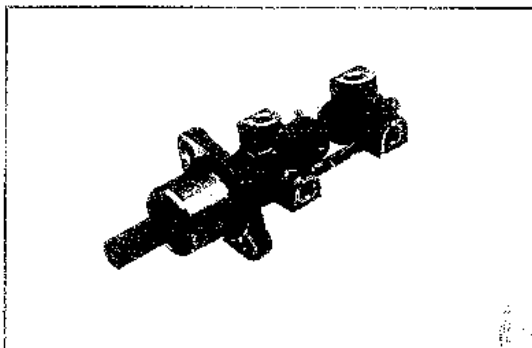
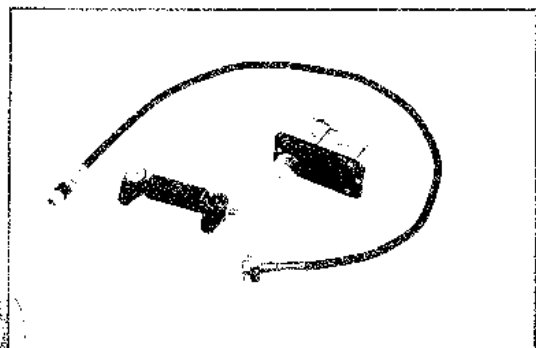


PHOTO N° 36



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AUTOMOBILE

CHAMPIONNAT DU MONDE

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Fax 04 78 29 10 01

Gog 4 Gr A/Kit Car Homologation Papers

Make VOLKSWAGEN

Model: GOLF 1.8-20V

10:54:07:210:14"

A-5584

Exercícios N°

02 / 01 VO

PHOTO 37

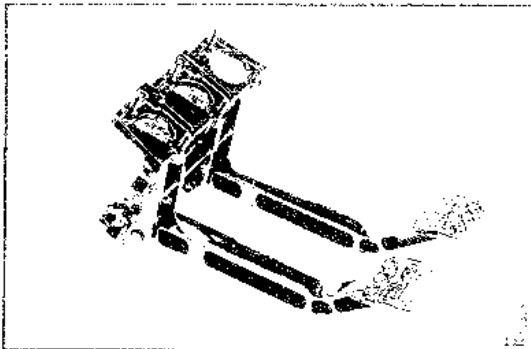


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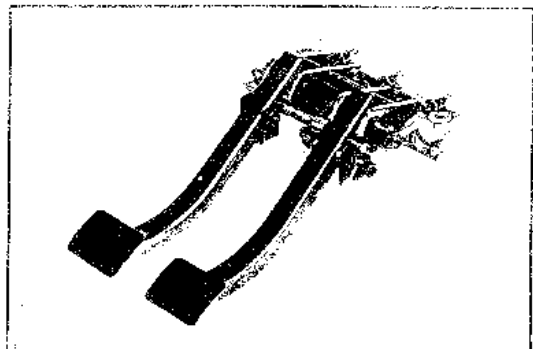


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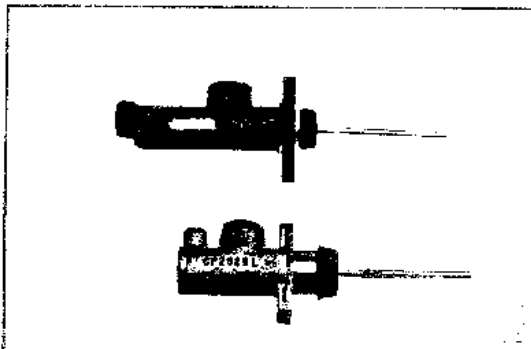


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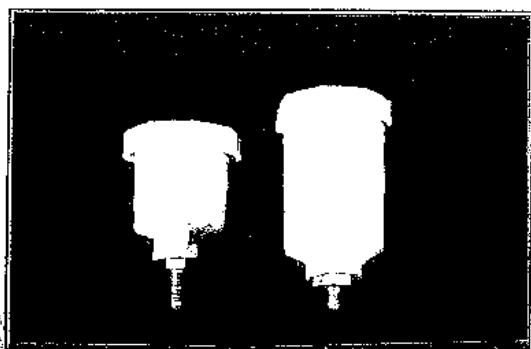


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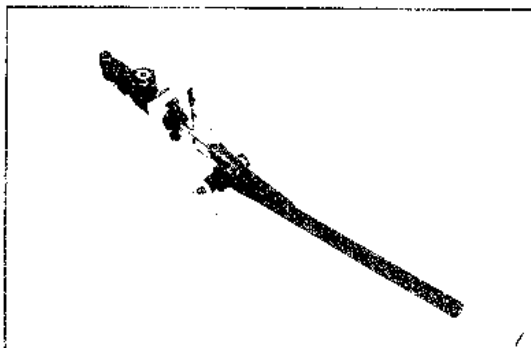
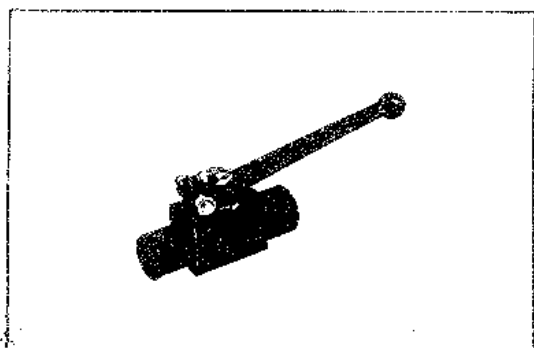


PHOTO N° 42



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Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

Homologation N°
A-5584

Date de N°
02/01/00

PHOTO N° 43

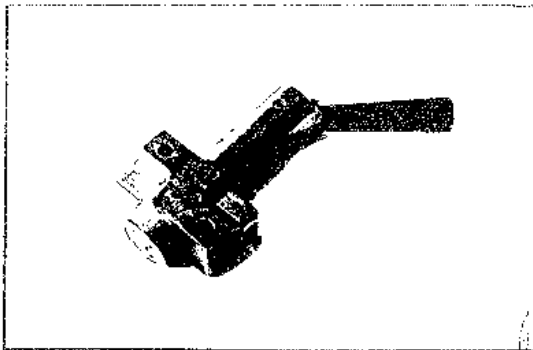


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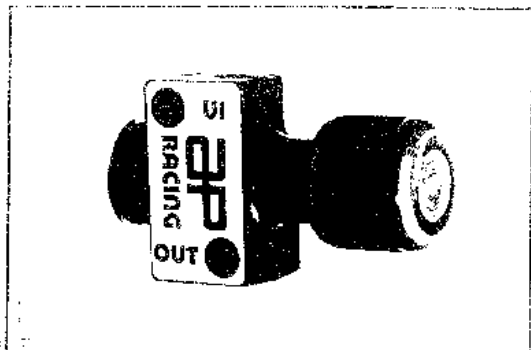


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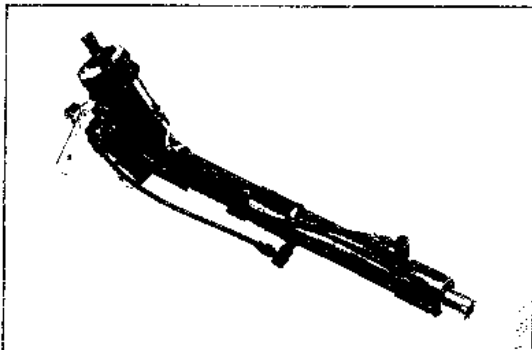


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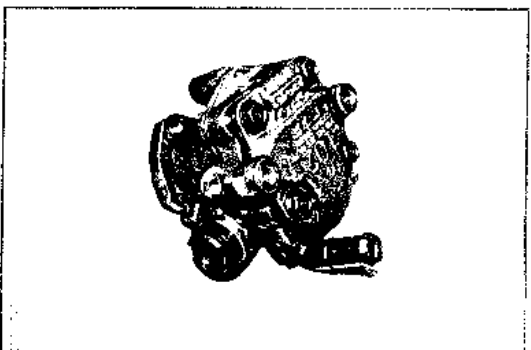


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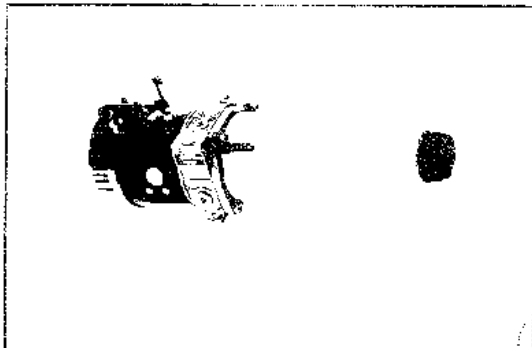
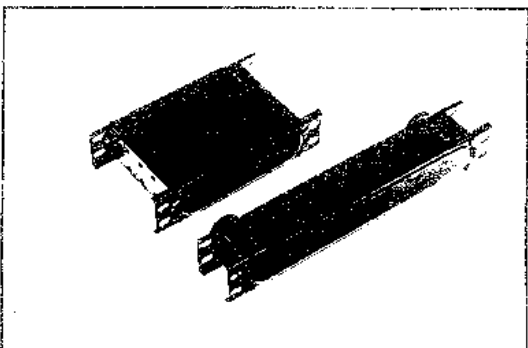


PHOTO N° 48



5 FIA-1000

Produced by: [illegible]
Manufactured by: [illegible]
FIA homologation: [illegible]
Date of homologation: [illegible]

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Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

Homologation N°
A-5584
Extension N°
02/01V0

PHOTO N° 49

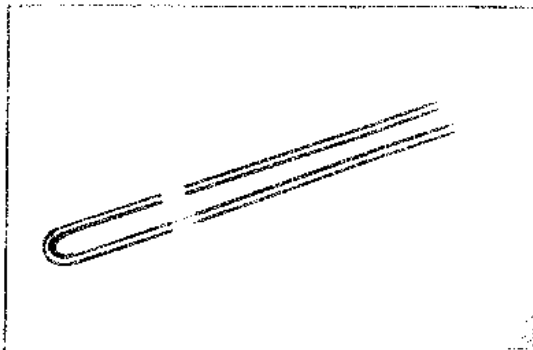


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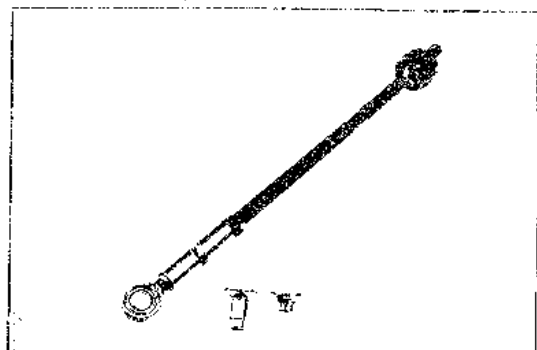


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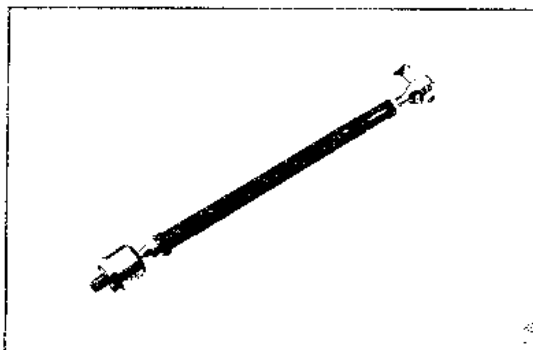


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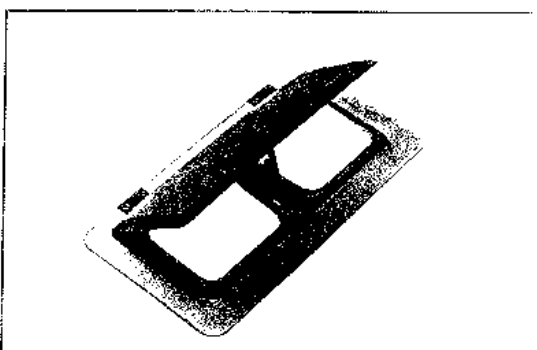


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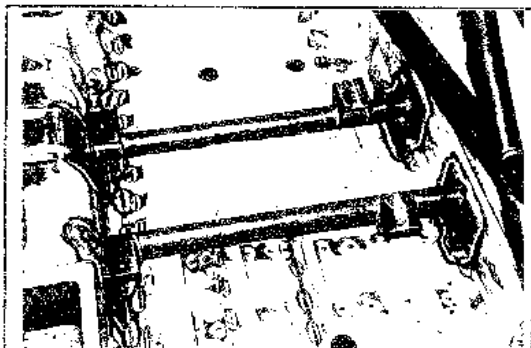
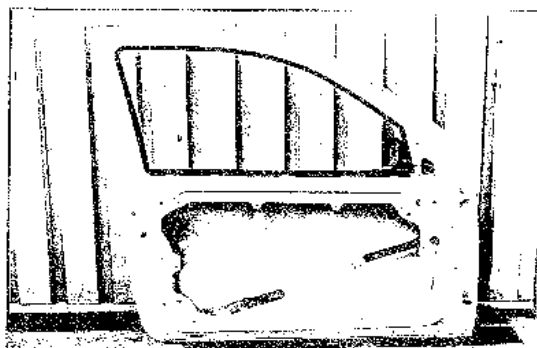


PHOTO N° 54



9-17A 1998

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Service commercial
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Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

Homologation N°
A-5584

Extension N°
02/01V0

PHOTO N° 55

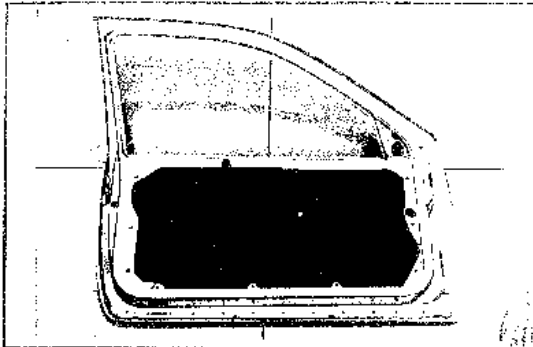


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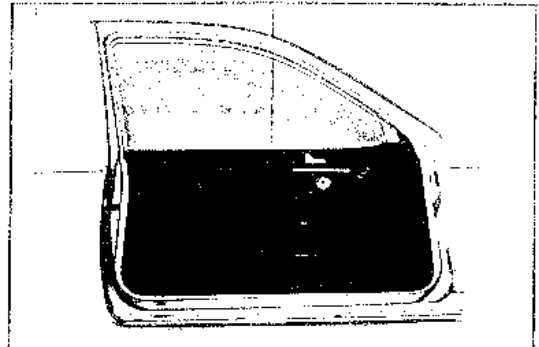


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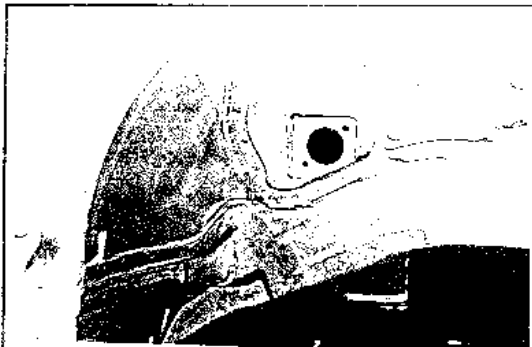


PHOTO N° 58



PHOTO N° 59

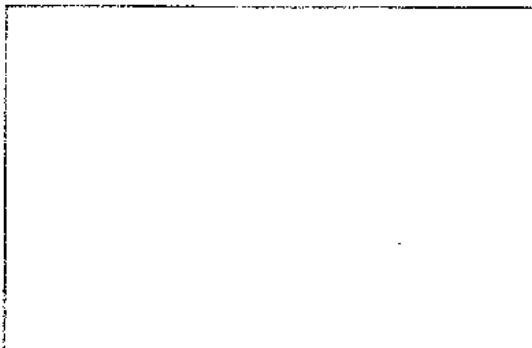
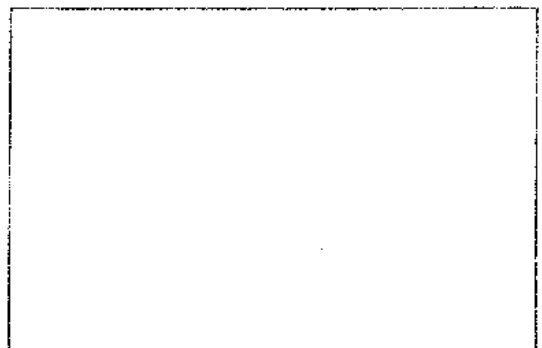


PHOTO N° 60



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1. Volkswagen Golf 1.8-20V
2. 01/01/01
3. 01/01/01
4. 01/01/01
5. 01/01/01
6. 01/01/01
7. 01/01/01
8. 01/01/01
9. 01/01/01
10. 01/01/01

Gog 4 Gr A/Kit Car Homologation Papers



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Group
Group **A**

A - 5584
Extension N
03/02/VO

FICHE D'EXTENSION D'HOMOLOGATION
FOR OF HOMOLOGATION EXTENSION

- | | | | |
|-----------------------------|---|--|----------------------------------|
| ☐ ES | Evolution sportive du type / Sporting evolution of the type | ☒ VO | Variante option / Option variant |
| ☐ ET | Evolution normale du type / Normal evolution of the type | ☐ ER | Erratum / Erratum |
| ☐ VF | Variante de fourniture / Supply variant | | |

Véhicule : Constructeur
Véhicule : **MANUFACTURER** **VOLKSWAGEN**
Modèle et type
Model and type **Golf 1.8 - 20V**
Homologation valide à partir du
Homologation valid as from **01 February 1999**

Page or ext.	Article	Description	Photo
6	Power Train		
---		Additional gearbox "A" (see 02/01VO) 603 e) Alternativ 1 st gear: teeth = 37 : 12, ratio = 3.083	01
7	Suspension		
---		Front suspension subframe, mounting to chassis in original position, suspension axis within 20 mm radius of production car. - Supports for engine/gearbox, steering rack and sumpguard (rally only) are free..	01, 02
-		Front wheel big-bearing house, reinforced variant	03
---		Alternativ parts to allow different suspension adjustments:	
		-- Steering arm, steel or aluminium, contours, tie rod end hole and dimensions may vary, but effective length for steering only from 110 to max. 155mm.	04, 05
		-- Selection of shims and bushes to adjust steering rod end.	06
		- Selection of king pins, length and diameter may be modified.	07
		-- Wheel spacer, thickness from 3 to 20mm, steel or aluminium.	08
---		Rear axle. Mounting points max. 20 mm from original. Track width ± 60mm. Brake adapters free for homol. calipers. Stabilizer bar integrated in traverse profile, optional free mechanism for positioning of spring blades from cockpit.	09
9	Bodyworks		
--		Ventilation flap (rally only), 1 in the front third of the roof, max 10cm high	10

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Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make **VOLKSWAGEN**

Modèle
Model **GOLF 1.8-20V**

Homologation N°
A - 5584

Extension N°
03/02 VO

PHOTO N° 01

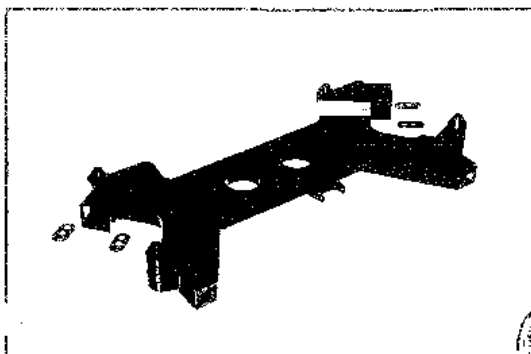


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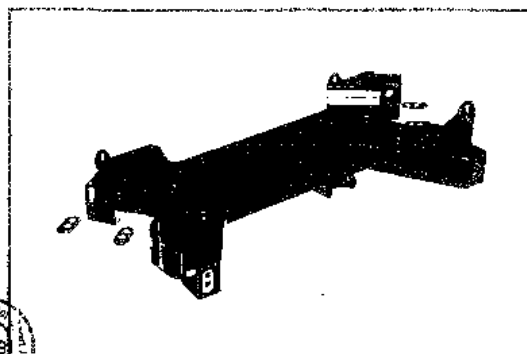


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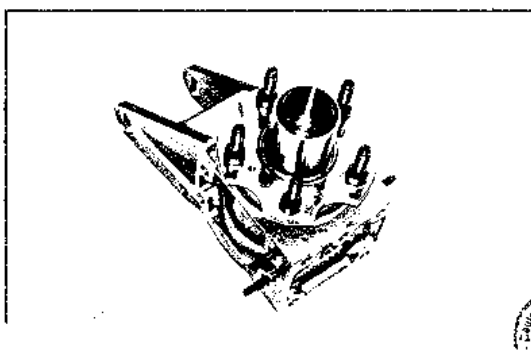


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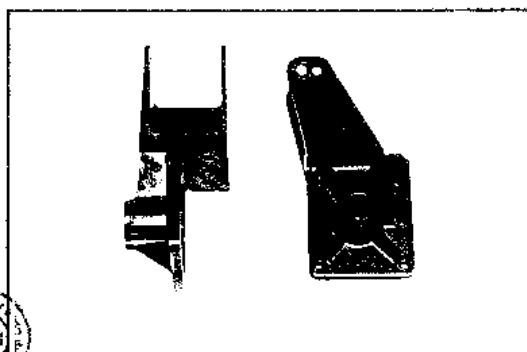


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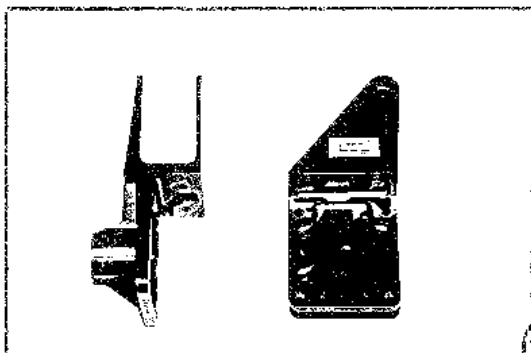
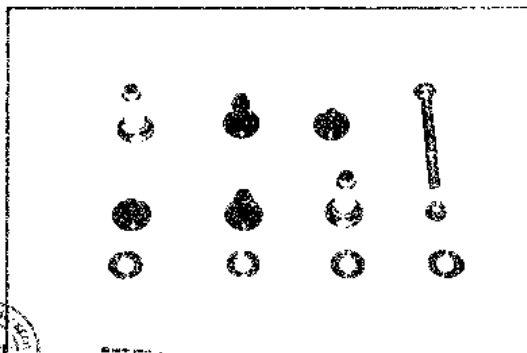


PHOTO N° 06



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
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Services Administratifs :
9 bis, rue Boissy d'Anglas, 75008 Paris

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make VOLKSWAGEN

Model
Model GOLF 1.8-20V

Homologation N°

A - 5584

Extension N°

03/02/00

PHOTO N° 07

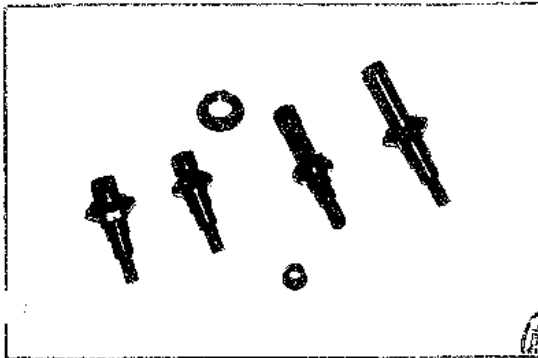


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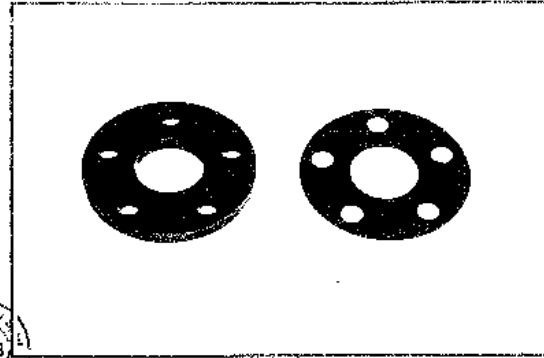


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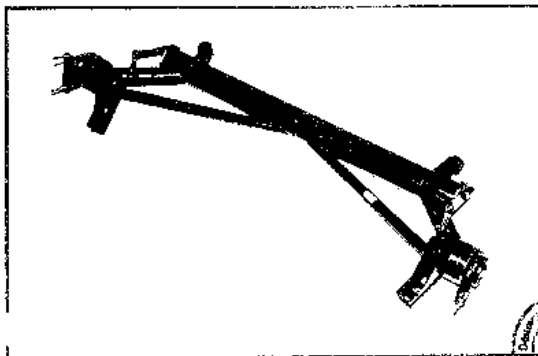


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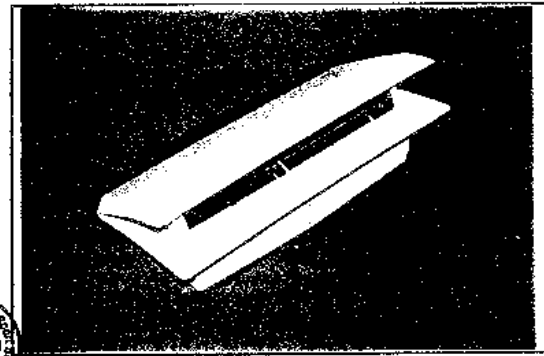


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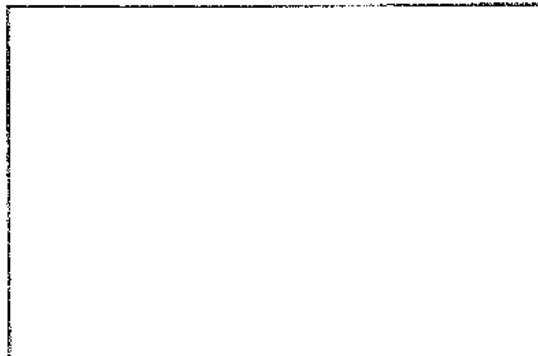
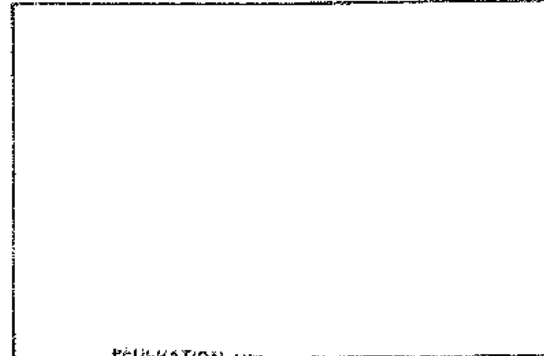


PHOTO N° xxx



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DE L'AUTOMOBILE
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Services Administratifs :
5 bis, rue Groussy d'Angles, 75009 Paris

Gog 4 Gr A/Kit Car Homologation Papers



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Groupe
Group **A**

Homologation N°
A - 5584

Extension N°
04/03 VO

FICHE D'EXTENSION D'HOMOLOGATION FOR OF HOMOLOGATION EXTENSION

- | | |
|--|--|
| ☐ ES Evolution sportive du type / Sporting evolution of the type | ☒ VO Variante option / Option variant |
| ☐ ET Evolution normale du type / Normal evolution of the type | ☐ ER Erratum / Erratum |
| ☐ VF Variante de fourniture / Supply variant | |

Véhicule : Constructeur
Vehicle : Manufacturer **VOLKSWAGEN**

Modèle et type
Model and type **Golf 1.8 - 20V**

Homologation valable à partir du
Homologation valid as from **01 AVR. 1999**

Page or ext.	Article	Description	Photo
	7	Suspension	
---		Bolt-on steering arm, steel or aluminium. Design, tie rod end holes and dimensions may vary, effective length for steering from 110 to max.155mm.	01, 02
---		Stabilizer, front- and/or rear-axle. - Spring blades and rods may vary.	03
---		Wishbone, lengths and diameters may vary for different track width.	04
---		Topmounting bracket for rear shockabsorber. Shock axis max 20mm from original. - Design may vary, to allow different shockabsorber types.	05
---		Mounting bracket for rear axle, original part may be modified to allow ±20mm axis adjustment.	06
	8	Running gear	
---		Brake balance bar, adjustable, for all homologated mastercylinders	
		- to be bolted to brake power assistance	07
		- to be bolted directly to bulkhead	08
---		Hydraulic handbrake with upright lever. Position on tunnel and design are free, to suit best to driver, this can include combination with gear lever box. Sample:	09

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Suisse
Tel : 41 22 544 44 00
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Golf 4 Gr A/Kit Car Homologation Papers

Marque
Modèle VOLKSWAGEN

Modèle
Modèle GOLF 1.8-20V

Homologation N°

A-5584

Extension N°

04/03V0

PHOTO N° 01

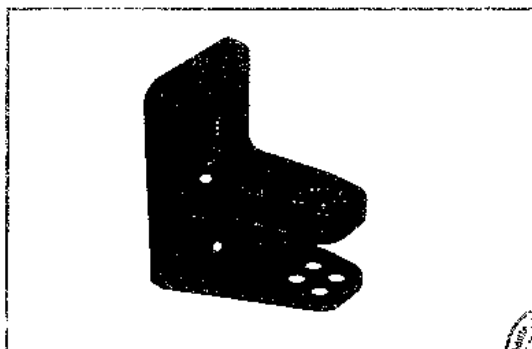


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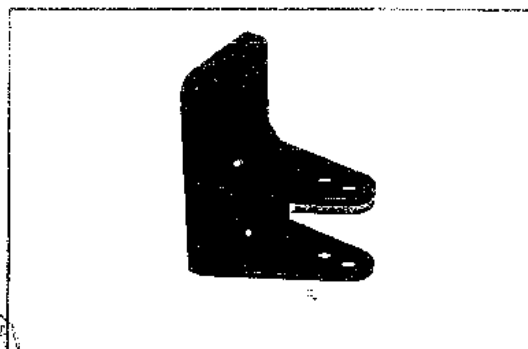


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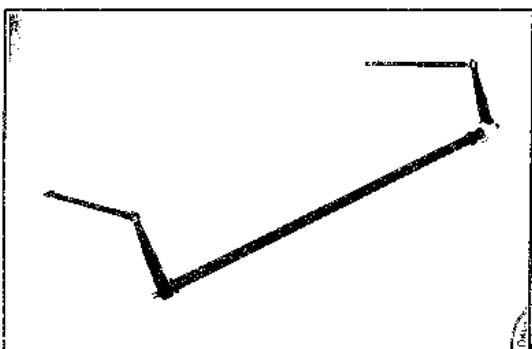


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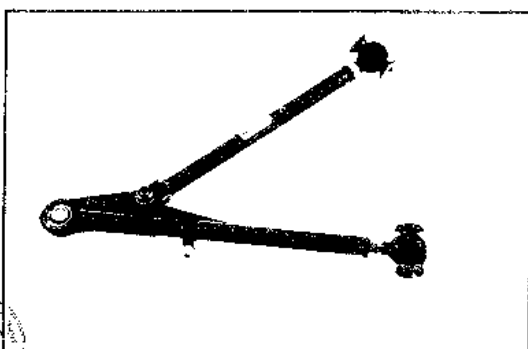


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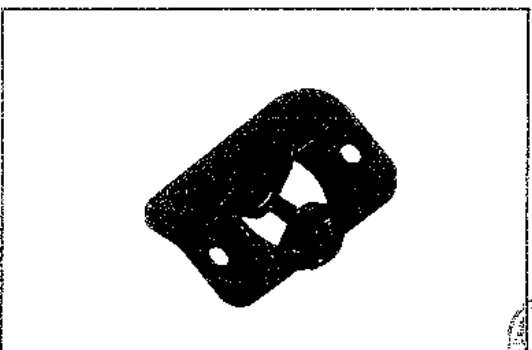
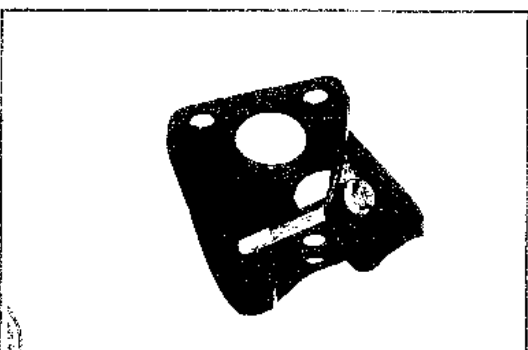


PHOTO N° 06



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2 Chemin de Blandonnet
Case Postale 236
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Fax Sport : 41 22 544 44 00

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

Homologation N°
A-5584

Extension N°
04/03V0

PHOTO N° 07

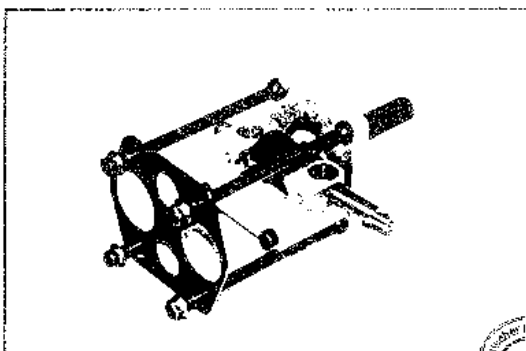


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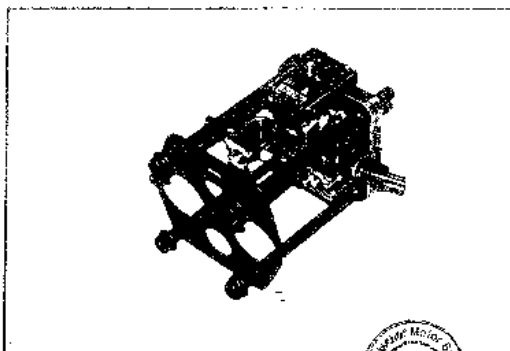


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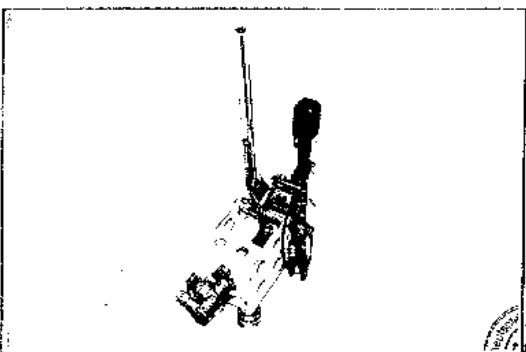


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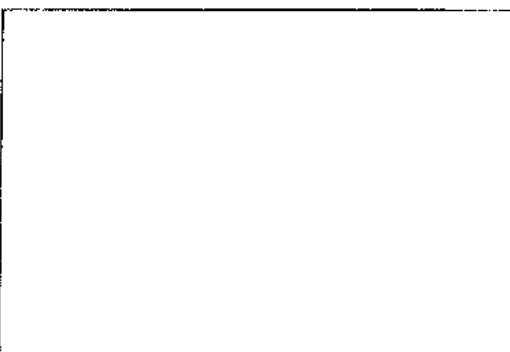


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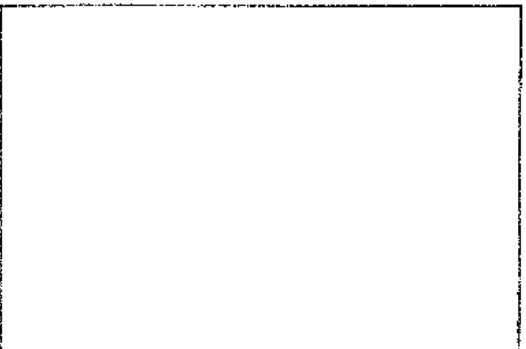
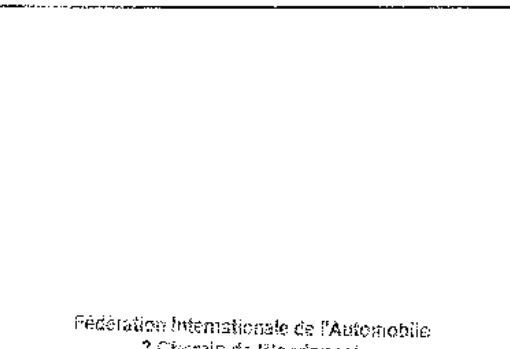


PHOTO N° 12



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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Groupe
Group **A**

Homologation N°

A - 5584

Extension N°

05/04 VO

FICHE D'EXTENSION D'HOMOLOGATION FOR OF HOMOLOGATION EXTENSION

- | | |
|--|--|
| ☐ ES Evolution sportive du type / Sporting evolution of the type | ☒ VO Variante option / Option variant |
| ☐ ET Evolution normale du type / Normal evolution of the type | ☐ ER Erratum / Erratum |
| ☐ VF Variante de fourniture / Supply variant | |

Véhicule : Constructeur

Véhicule : Manufactureur

VOLKSWAGEN

Modèle et type

Model and type

Golf 1.8 - 20V

Homologation valable à partir du
Homologation valid as from

01 AOUT 1999

Page or ext.	Article	Description	
	7	Suspension	Photo
---		Bolt-on steering arm, steel or aluminium. Design, tie rod end holes and dimensions may vary, effective length for steering from 110 to max.155mm.	01
---		Detail to rear axle 03/02 VO, photo 09: Number and position of stabilizer rods fixing points at axle side are free. - Sample.	02
---		Detail to subframes 03/02 VO, photo 01, 02: It is allowed to fix the shown separate inserts for wishbone bolts by welding to the frame. - Sample.	03
---		Bolt-on rim scrapers allowed, free design, one per wheel. - Sample.	04

Gog 4 Gr A/Kit Car Homologation Papers

Marque
Make VOLKSWAGEN

Modèle
Model GOLF 1.8-20V

A - 5584

Extension N°
05/04V0

PHOTO N° 01

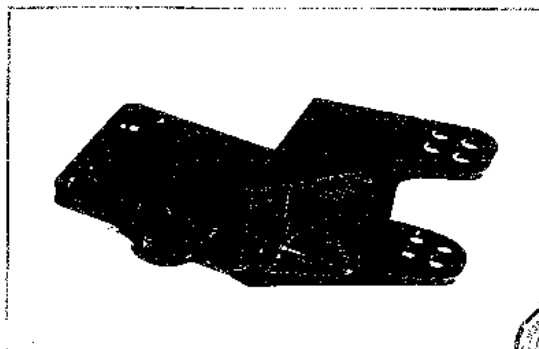


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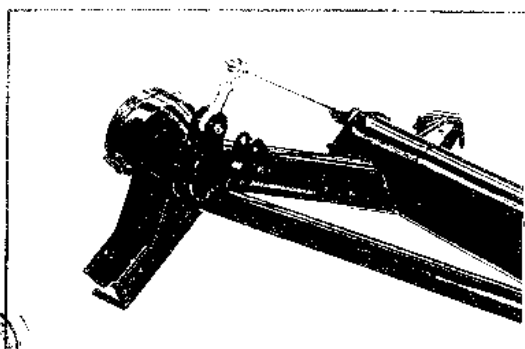


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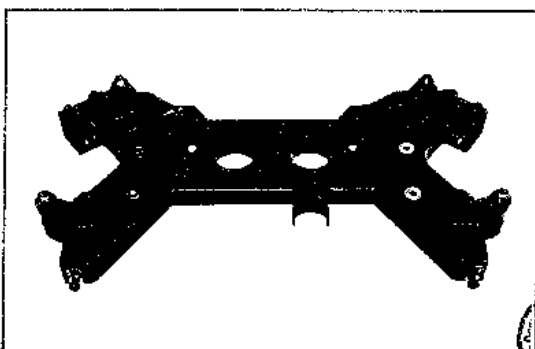


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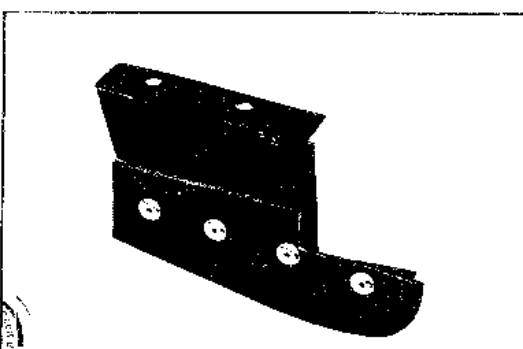


PHOTO N° xxx

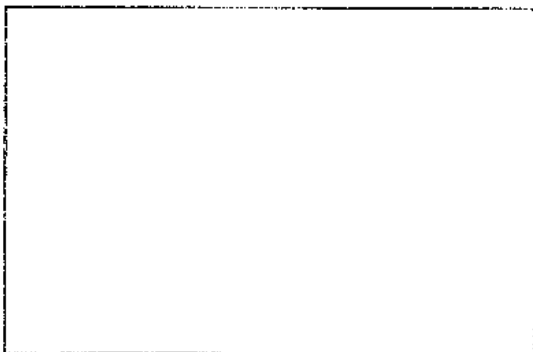
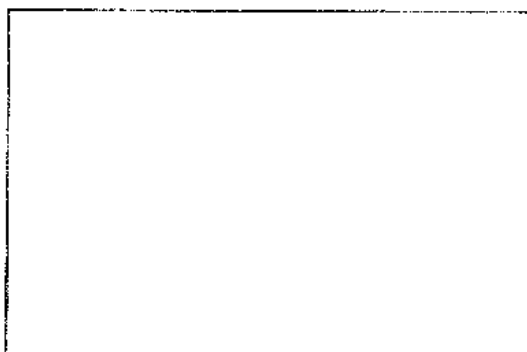


PHOTO N° xxx



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