



FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE

Homologation No

311

FICHE D'HOMOLOGATION POUR MOTEUR DE FORMULE 3  
HOMOLOGATION FORM FOR FORMULA 3 ENGINE

Constructeur / Manufacturer: VOLKSWAGEN  
Modèle et type / Model and type: 17 GOLF GTI

Homologation valable à partir du / Homologation valid as from: 01 AVR. 1993

MOTEUR (version standard)  
ENGINE (standard version)

Cycle: 4-Takt / 4-stroke

Nombre et disposition des cylindres / Number and layout of the cylinders: 4-in-Reihe / 4 in line

Mode de refroidissement / Cooling system: Wasser / water

Cylindrée: Unitaire 397 cm3 Totale 1588 cm3  
Cylinder capacity: Unitary Total

Matériau du bloc cylindres / Cylinder block material: Gußeisen / cast iron

Chemises / Sleeves: oui / yes, non / no, Type

Alésage / Bore: 79,5 mm Course / Stroke: 80 mm

Vilebrequin / Crankshaft:

Type de paliers / Type of bearings: Gleitlager / sliding bearings

Matériau des chapeaux de paliers / Bearing cap material: Gußeisen / cast iron



Marque VOLKSWAGEN  
 Make \_\_\_\_\_

Modèle 17 Golf GTI  
 Model \_\_\_\_\_

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Vilebrequin:  
 Crankshaft:

Gleitlager / sliding bearings

Type de paliers  
 Type of bearings

Matériau des chapeaux de paliers  
 Bearing cap material

Gußeisen / cast iron

Culasse:  
 Cylinder head:

Nombre  
 Number

Emplacement  
 Location

OHC

Système de commande des soupapes  
 Type of valve operation

Tassenstößel / bucket tappets

Angle entre axe de la soupape d'admission et axe de la soupape d'échappement  
 Angle between inlet valve axle and exhaust valve axle

0°

Admission:  
 Inlet:

Nombre de soupapes par cylindre  
 Number of valves per cylinder

1

Type des ressorts de soupape  
 Type of valve springs

Spiralfeder / helical spring

Echappement:  
 Exhaust:

Nombre de soupapes par cylindre  
 Number of valves per cylinder

1

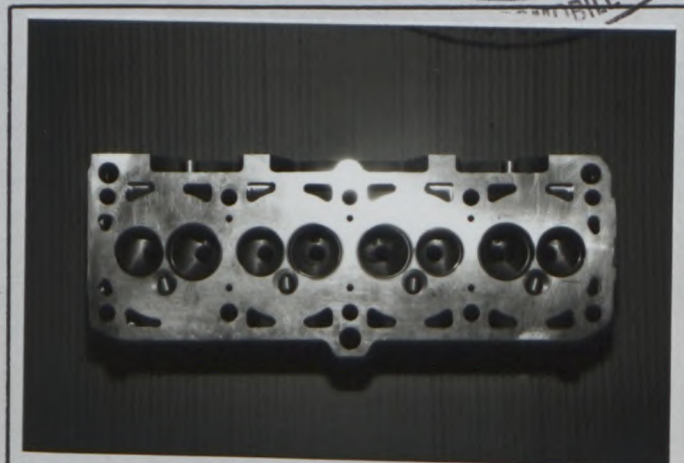
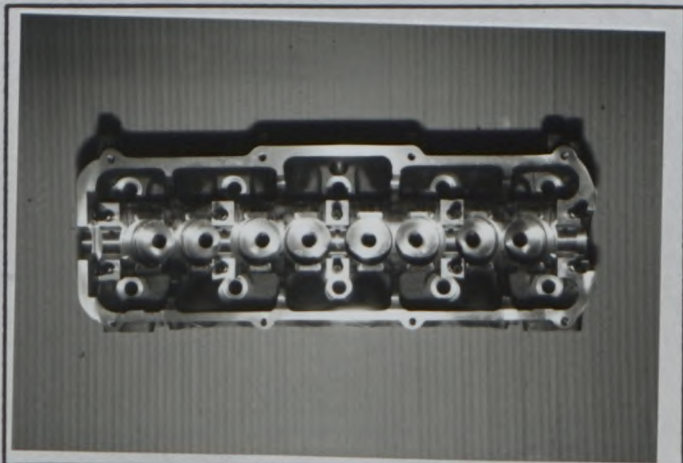
Type des ressorts de soupape  
 Type of valve springs

Spiralfeder / helical spring

## PHOTOS

Culasse nue vue de dessus  
 Bare cylinder head seen from above

Culasse nue vue de dessous  
 Bare cylinder head seen from below

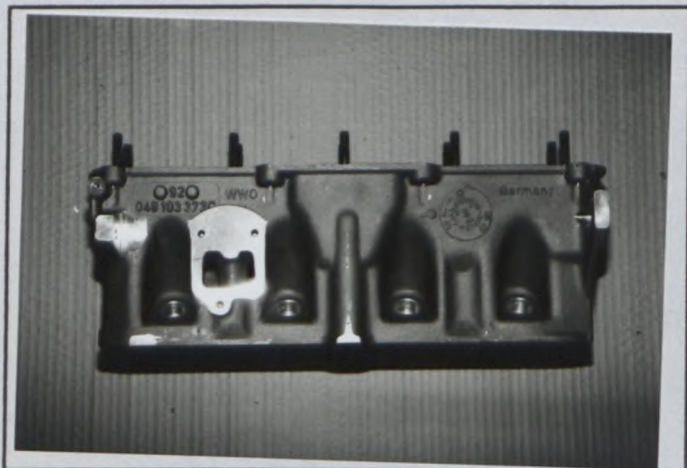


Marque VOLKSWAGEN  
Make \_\_\_\_\_

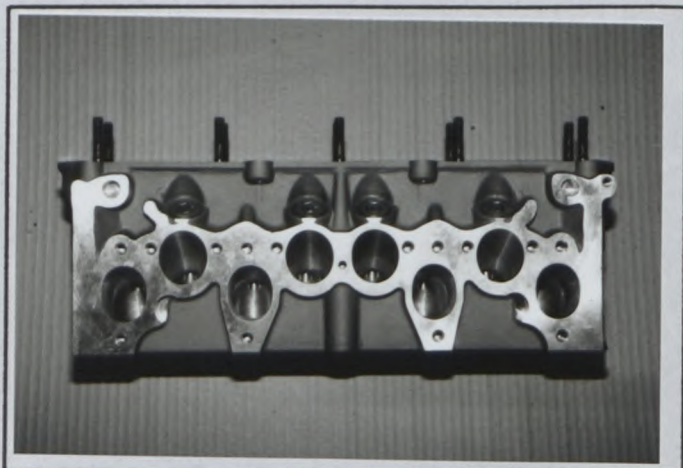
Modèle 17 Golf GTI  
Model \_\_\_\_\_

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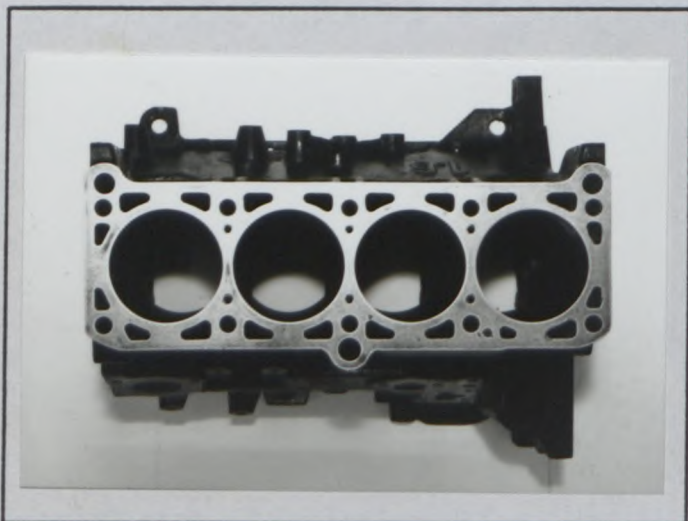
Profil droit de culasse nue  
Right hand view of bare cylinder head



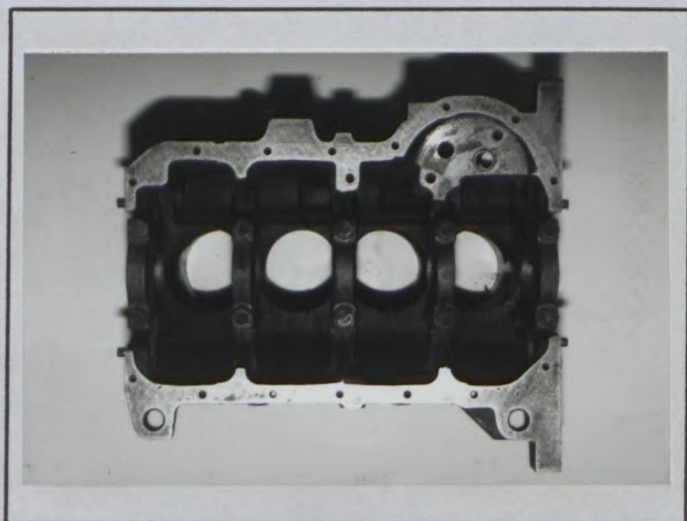
Profil gauche de culasse nue  
Left hand view of bare cylinder head



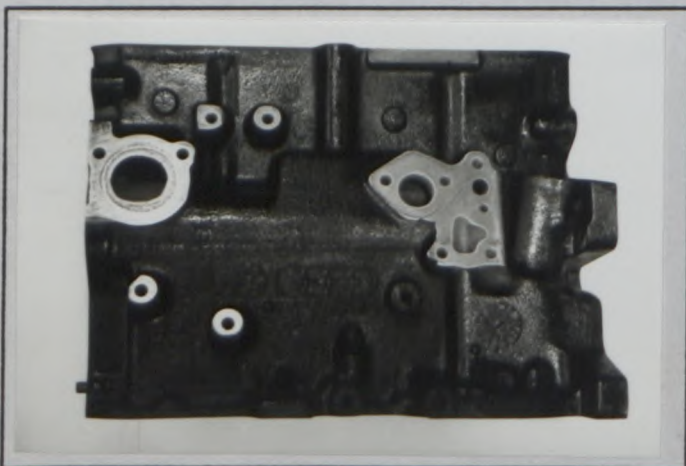
Bloc nu vu de dessus  
Bare block seen from above



Bloc nu vu de dessous  
Bare block seen from below



Profil droit du bloc nu  
Right hand view of bare block



Profil gauche du bloc nu  
Left hand view of bare block

