



FEDERATION INTERNATIONALE
DE L' AUTOMOBILEBILE

FISA Homologation No.

F3-316

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

EF3-010-94
1994年3月31日

Constructeur / Manufacturer: TOYOTA MOTOR CORPORATION
Modèle et type / Model and type: 3S-GE ENGINE

Homologation valable à partir du / Homologation valid as from: 01 JUL. 1994

MOTEUR(version standard)
ENGINE(standard version)

Cycle / Cycle: 4, OTTO

Nombre et disposition des cylindres / Number and layout of the cylinders: 4, IN-LINE

Mode de refroidissement / Cooling system: LIQUID

Cylindrée: Unitaire / Cylinder capacity: Unitary 499.5 cm³ Totale / Total 1998.0 cm³

Matériau du bloc cylindres / Cylinder block material: CAST-IRON

Chemises:

oui	non
yes	no

 Type: XXXX

Alésage / Bore: 86.0 mm Course / Stroke: 86.0 mm

Vilebrequin: / Crankshaft:

Type de paliers / Type of bearings: PLAIN

Matériau des chapeaux de paliers / Bearing cap material: CAST-IRON



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Marque TOYOTA Modéle 3S-GE ENGINE
 Make TOYOTA Model 3S-GE ENGINE

F3-316

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Vilebrequin:
Crankshaft:

Type de paliers
Type of bearings XXXX

Matériel des chapeaux de paliers
Bearing cap material XXXX

Culasse:
Cylinder head:

Nombre 1 Emplacement TOP (DOHC)
Number 1 Location TOP (DOHC)

Système de commande des soupapes
Type of valve operation DIRECT

Angle entre axe de la soupape d'admission et axe de la soupape d'échappement
Angle between inlet valve axle and exhaust valve axle 50 °

Admission:
Inlet:

Nombre de soupapes par cylindre 2 Type des ressorts de soupape COIL
Number of valves per cylinder 2 Type of valve springs COIL

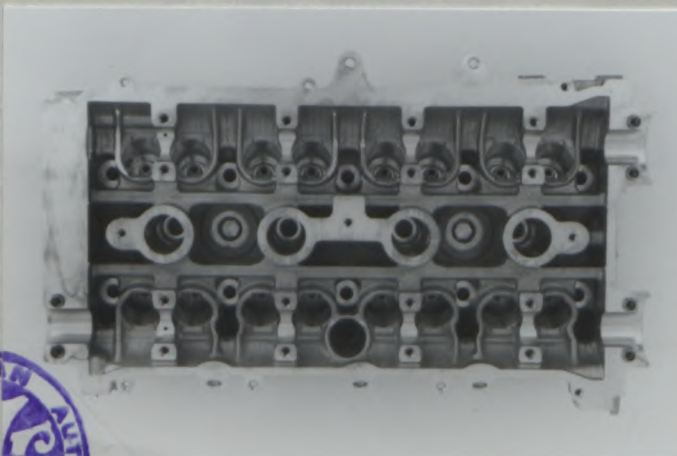
Echappement:
Exhaust:

Nombre de soupapes par cylindre 2 Type des ressorts de soupape COIL
Number of valves per cylinder 2 Type of valve springs COIL

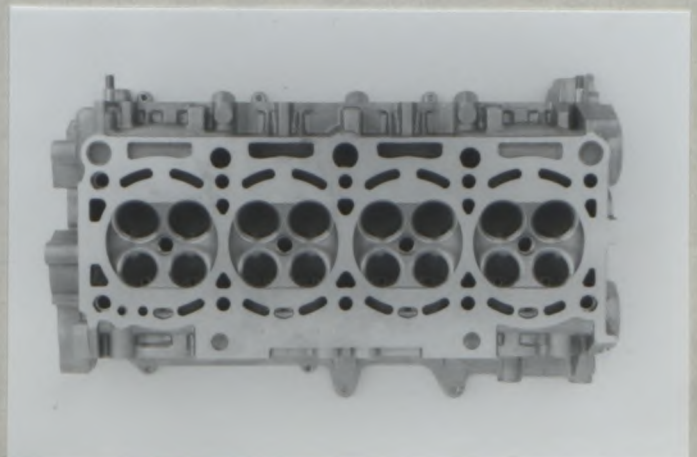
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PHOTOS

Culasse nue vue de dessus
Bare cylinder head seen from above



Culasse nue vue de dessous
Bare cylinder head seen from below



Marque

Make

TOYOTA

Modèle

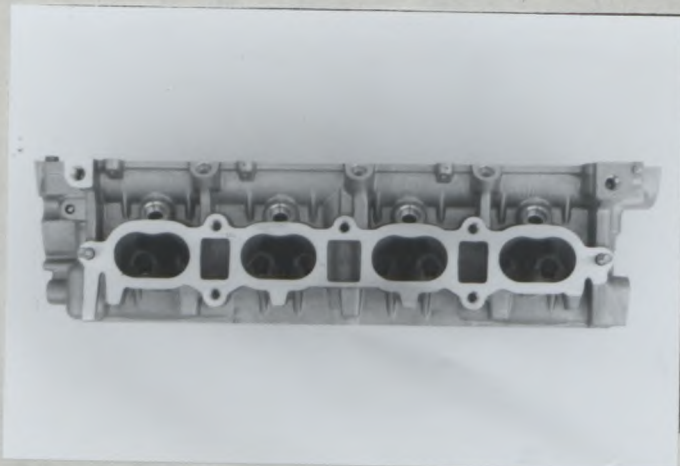
Model

3S-GE ENGINE

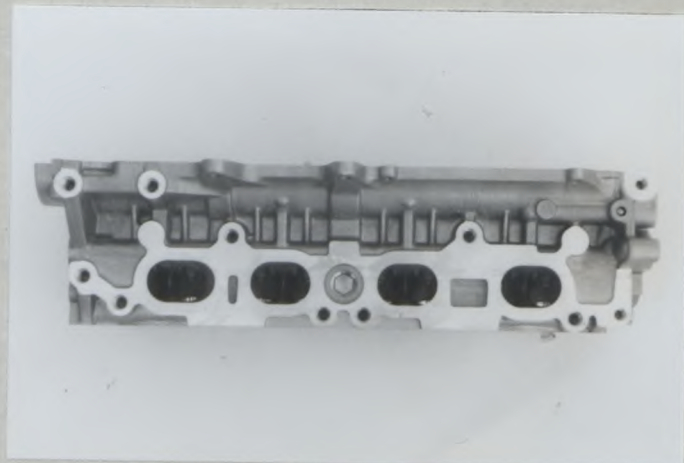
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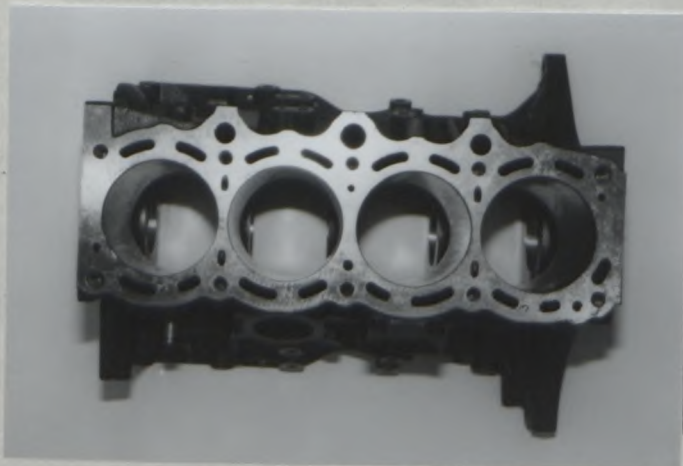
Profil droit de culasse nue
Right hand view of bare cylinder head



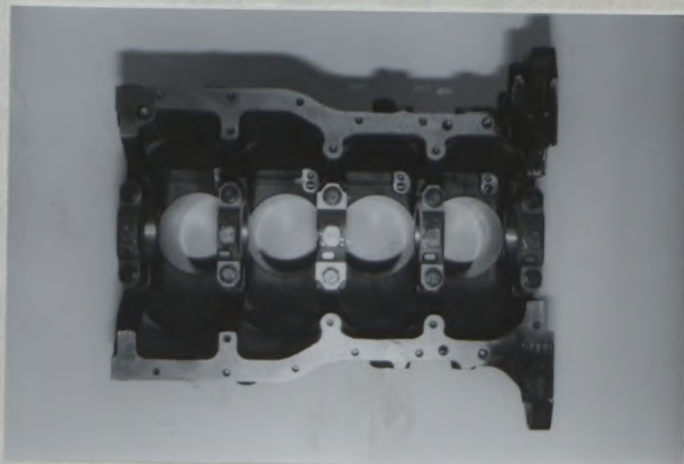
Profil gauche de culasse nue
Left hand view of bare cylinder head



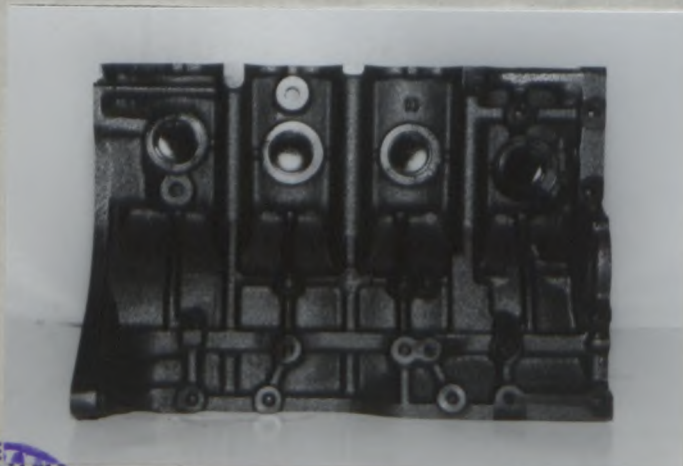
Bloc nu vu dessus
Bare block seen from above



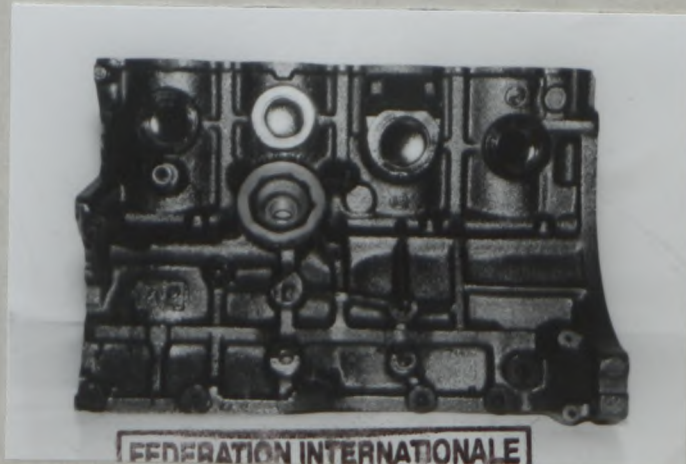
Bloc nu vu dessous
Bare block seen from below



Profil droit du bloc nu
Right hand view of bare block



Profil gauche du bloc nu
Left hand view of bare block



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