



FEDERATION INTERNATIONALE
DE L' AUTOMOBILEBILE

FISA Homologation No.

C2-22

EC2-013-94
1994年3月31日

FICHE D' HOMOLOGATION POUR MOTEUR DE VOITURE DE TOURISME (Classe II)
HOMOLOGATION FORM FOR TOURING CAR ENGINE (Class II)

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

Cylindreé: / Cylinder capacity:	Unitaire / Unitary	<u>499.5</u>	cm ³	Totale / Total	<u>1998.0</u>	cm ³
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Matériau du bloc cylindres / Cylinder block material: CAST-IRON

Vilebrequin: / Crankshaft:

Matériau / Material: STEEL

Type de paliers / Type of bearings: PLAIN

Bielles: / Connecting rods:

Matériau / Material: STEEL

Arbres à cames: / Camshafts:

Nombre / Number: 2

Emplacement / Location: _____



[Signature]
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8, Place de la Concorde, 8
75008 PARIS

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

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Culasse:
Cylinder head:

Nombre
Number 1

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: Nombre de soupapes par cylindre
Inlet: Number of valves per cylinder 2

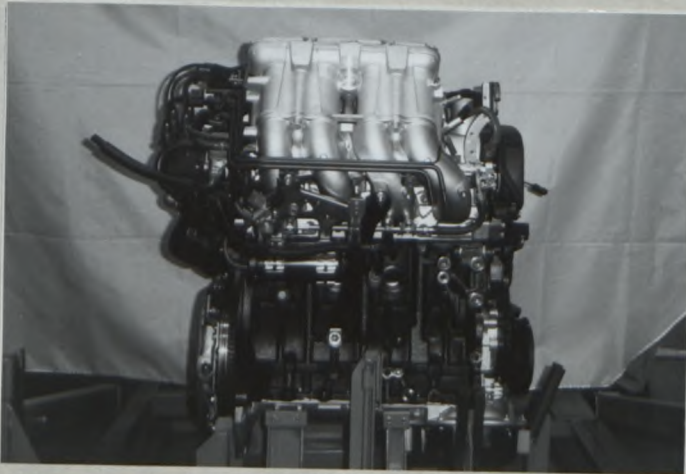
Echappement: Nombre de soupapes par cylindre
Exhaust: Number of valves per cylinder 2

Système de refroidissement: Mode de refroidissement
Cooling system: Cooling type

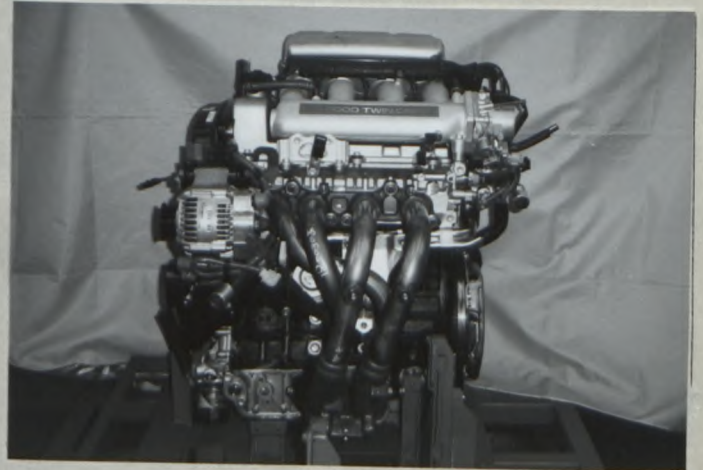
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PHOTOS

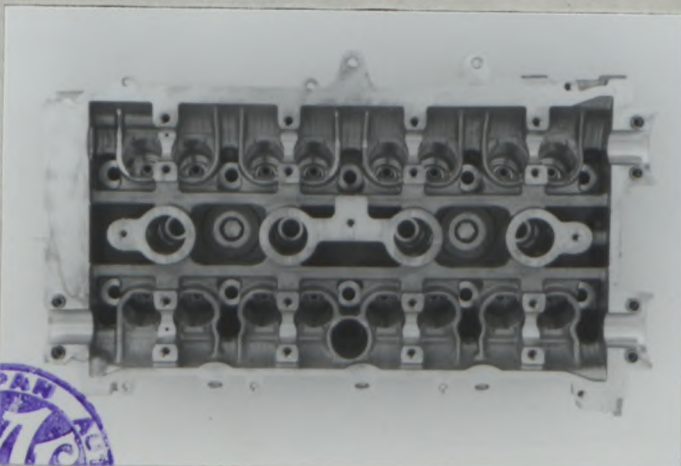
Profil droit du moteur complet déposé
Right hand view of complete dismantled engine



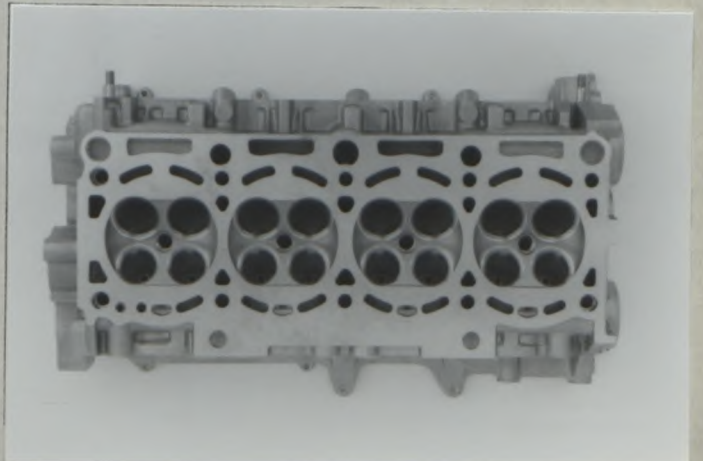
Profil gauche du moteur complet déposé
Left hand view of complete dismantled engine



Culasse nue vue de dessus
Bare cylinder head seen from above



Culasse nue vue de dessous
Bare cylinder head seen from below



Marque
Make

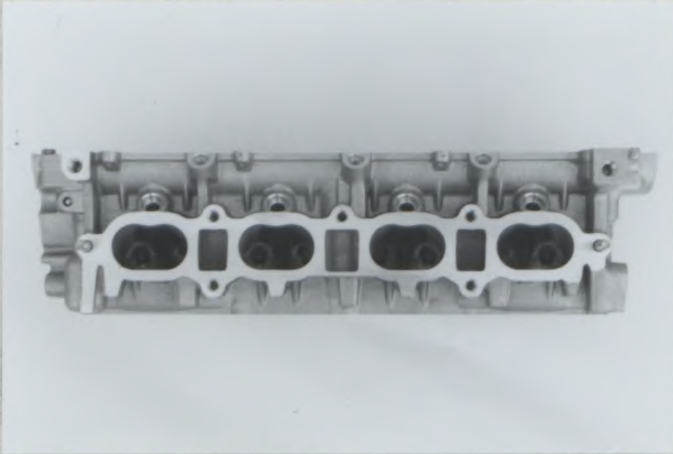
TOYOTA

Modèle
Model

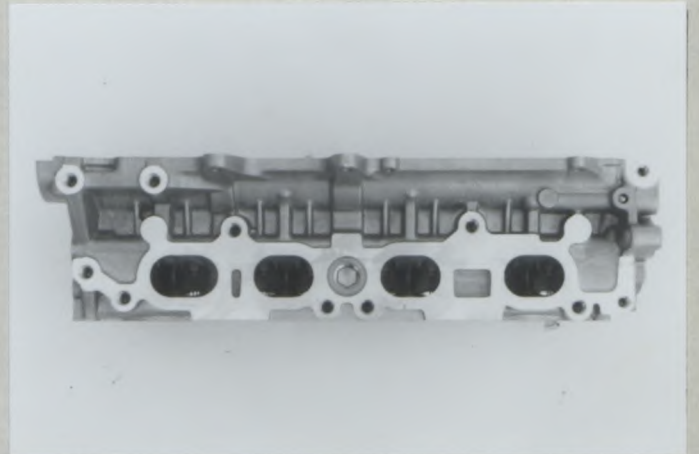
3S-GE ENGINE

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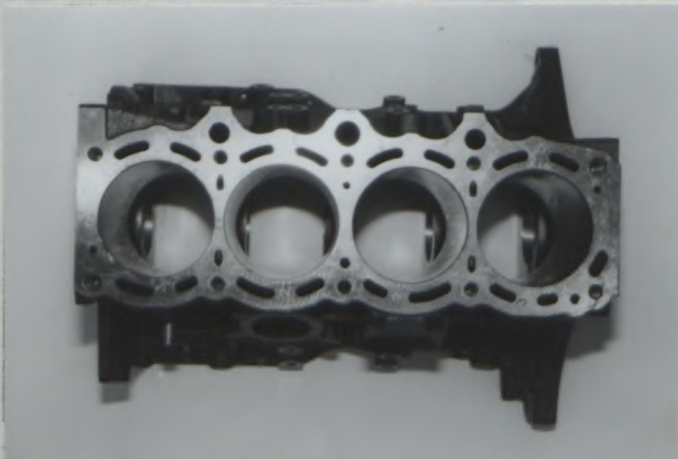
Profil droit de culasse nue
Right hand view of bare cylinder head



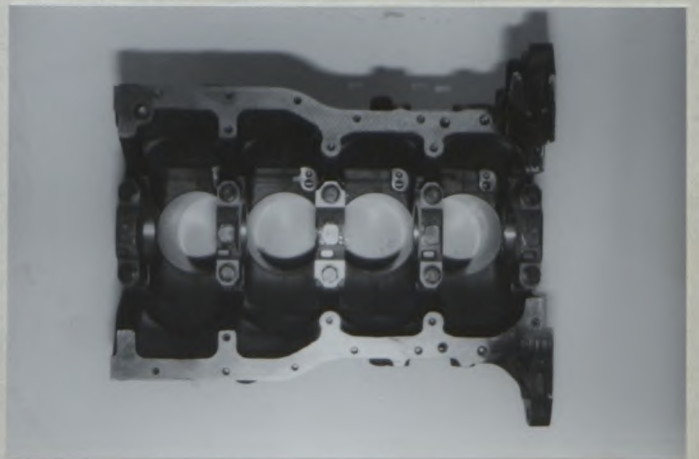
Profil gauche de culasse nue
Left hand view of bare cylinder head



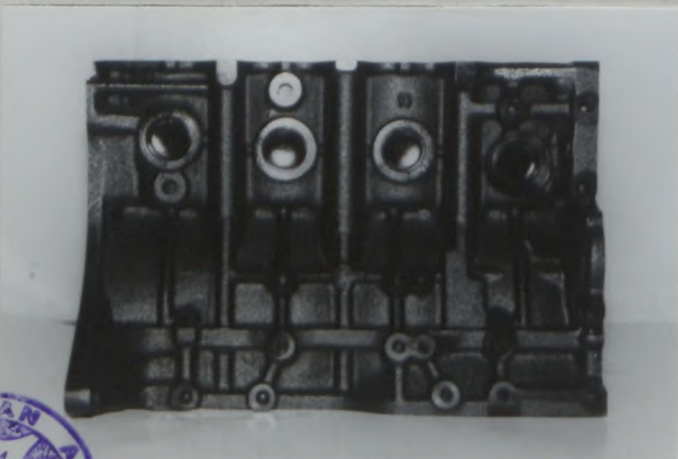
Bloc nu vu dessus
Bare block seen from above



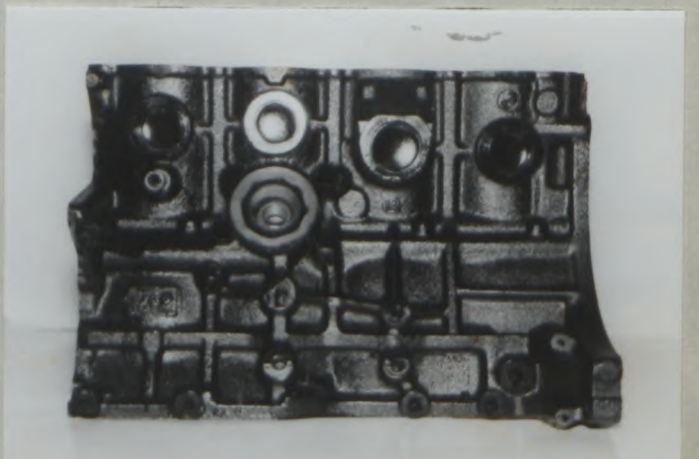
Bloc nu vu dessous
Bare block seen from below



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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