



FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

C2-0001

EC2-001-92

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 JAN. 1993

MOTEUR (version standard)
ENGINE (standard version)

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

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: TOP(DOHC)



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Marque Make TOYOTA

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

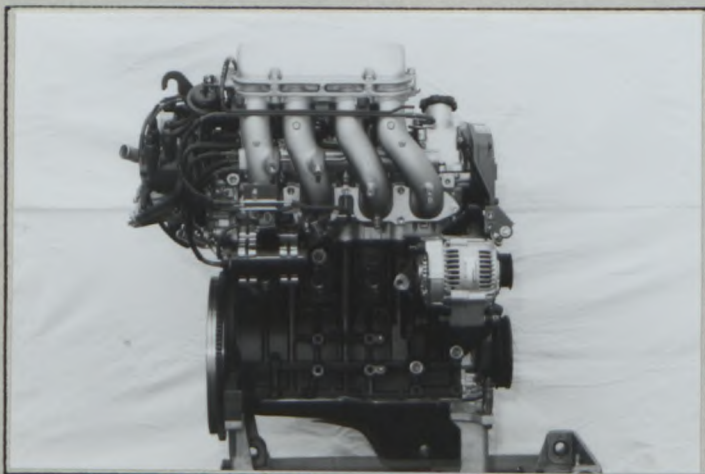
Echappement :
Exhaust : Nombre de soupapes par cylindre
Number of valves per cylinder 2

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

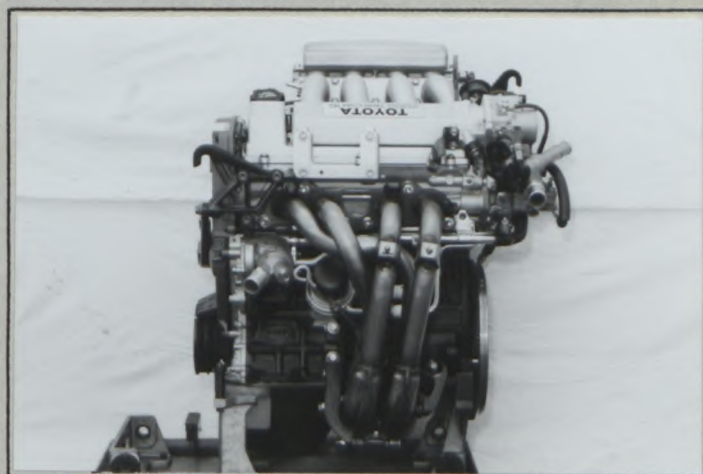


PHOTOS

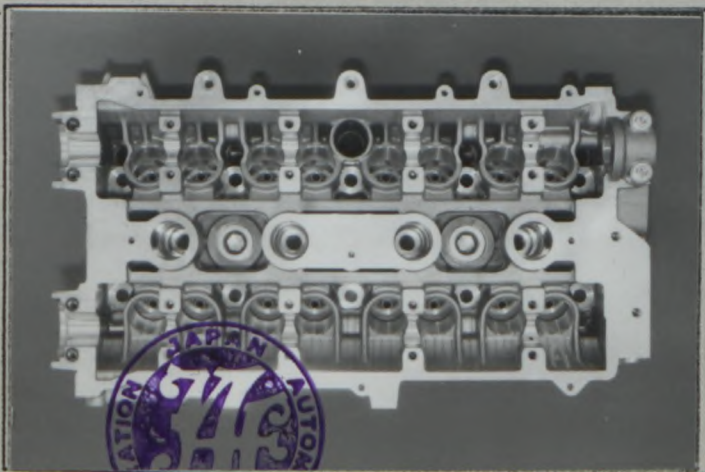
Profil droit du moteur complet déposé
Right hand view of complete dismantled engine



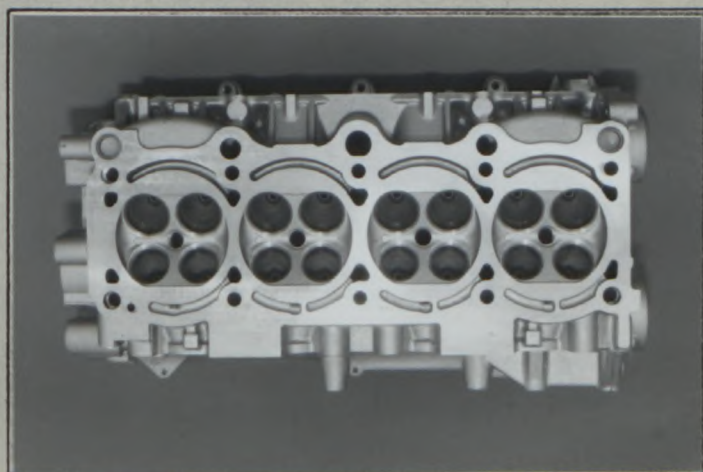
Profil gauche du moteur complet déposé
Left hand view of complete dismantled engine



Culasse nue vue de dessus
Bare cylinder head seen from above



Culasse nue vue de dessous
Bare cylinder head seen from below



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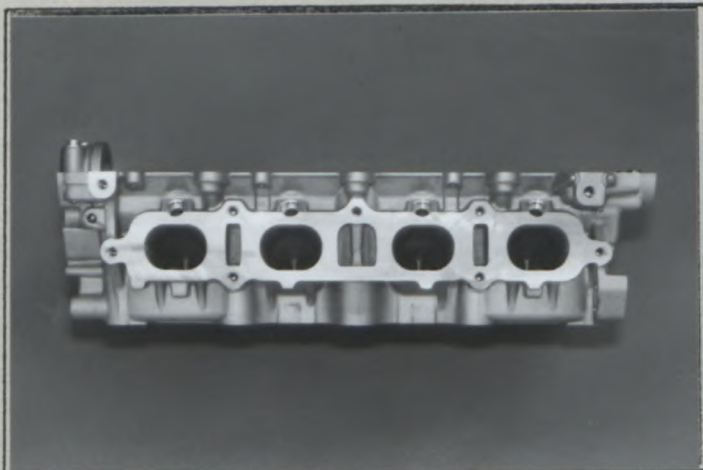
Marque Make TOYOTA

Modèle Model 3S-GE ENGINE

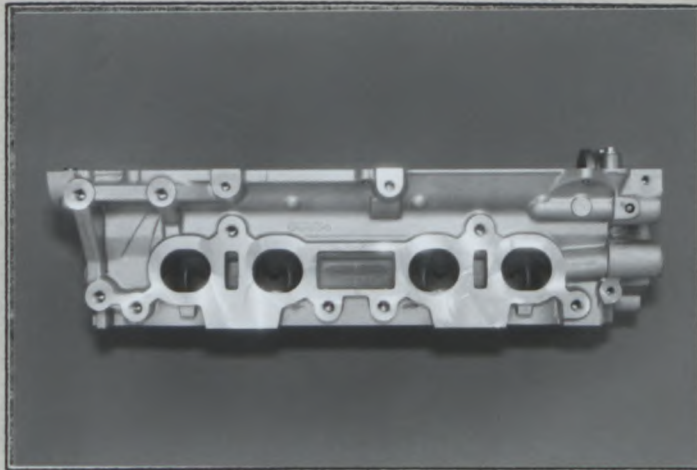
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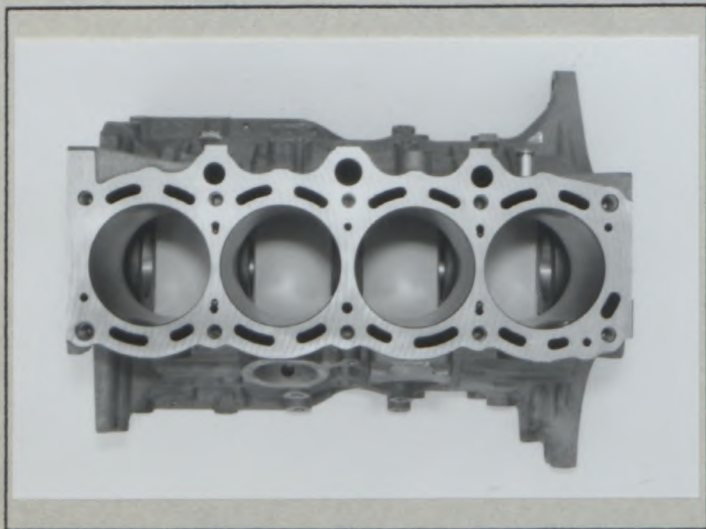
Profil droit de culasse nue
Right hand view of bare cylinder head



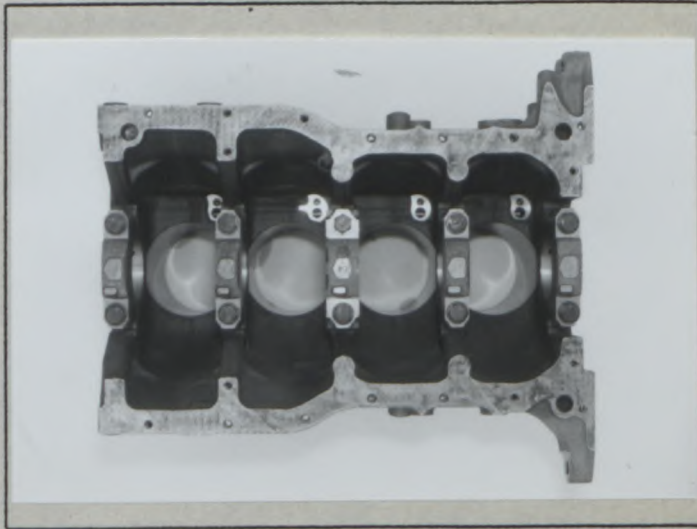
Profil gauche de culasse nue
Left hand view of bare cylinder head



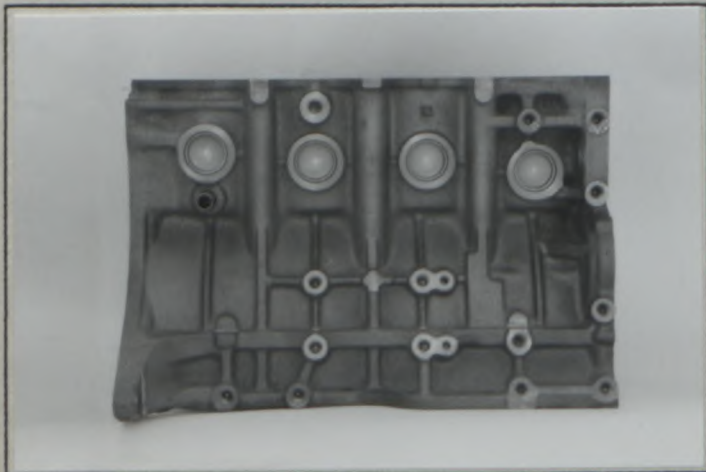
Bloc nu vu de dessus
Bare block seen from above



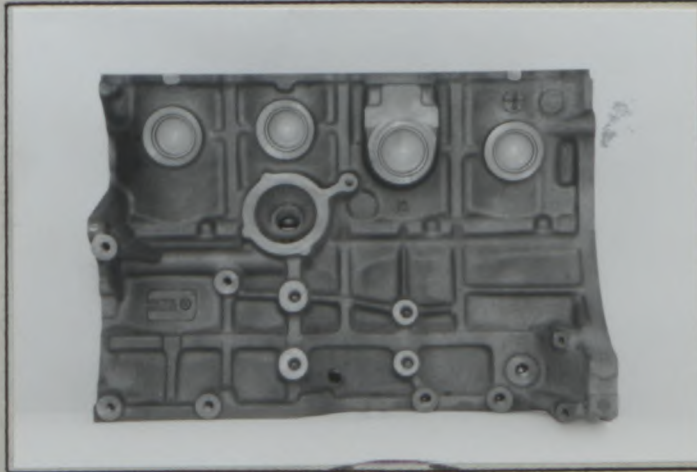
Bloc nu vu de dessous
Bare block seen from below



Profil droit du bloc nu
Right hand view of bare block



Profil gauche du bloc nu
Left hand view of bare block



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