



FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE

F3-315

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

EF3-009-93  
1993年12月31日

Constructeur / Manufacturer MITSUBISHI MOTORS CORP.      Modèle et type / Model and type 4G93 ENGINE

Homologation valable à partir du / Homologation valid as from 01 MARS 1994

MOTEUR (version standard)  
ENGINE (standard version)

Cycle 4 - STROKE (OTTO)

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

Mode de refroidissement / Cooling system LIQUID

Cylindrée: Unitaire 458.5 cm<sup>3</sup>      Totale 1834.0 cm<sup>3</sup>  
Cylinder capacity: Unitary      Total

Matériau du bloc cylindres / Cylinder block material CAST - IRON

Chemises:  non      Type XXXX  
Sleeves:  no      Type

Alésage / Bore 81.0 mm      Course / Stroke 89.0 mm

Vilebrequin:  
Crankshaft:

Type de paliers / Type of bearings PLAIN

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



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8, Place de la Concorde, 8  
75008 PARIS

Marque Make MITSUBISHI

Modèle Model 4G93 ENGINE



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Vilebrequin: Crankshaft:

Type de paliers Type of bearings XXXXX

Matériau des chapeaux de paliers Bearing cap material XXXXX

Culasse: Cylinder head:

Nombre Number 1 Emplacement Location TOP (DOHC)

Système de commande des soupapes Type of valve operation ROCKER ARM

Angle entre axe de la soupape d'admission et axe de la soupape d'échappement Angle between Inlet valve axle and exhaust valve axle 47° 50'

Admission: Inlet:

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

Echappement: Exhaust:

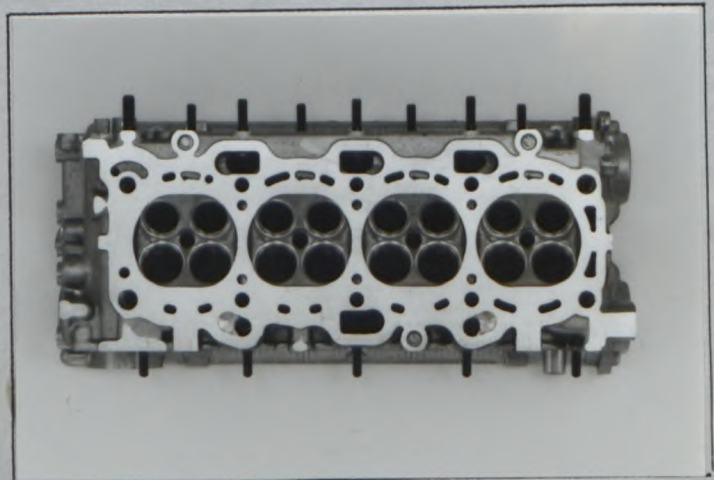
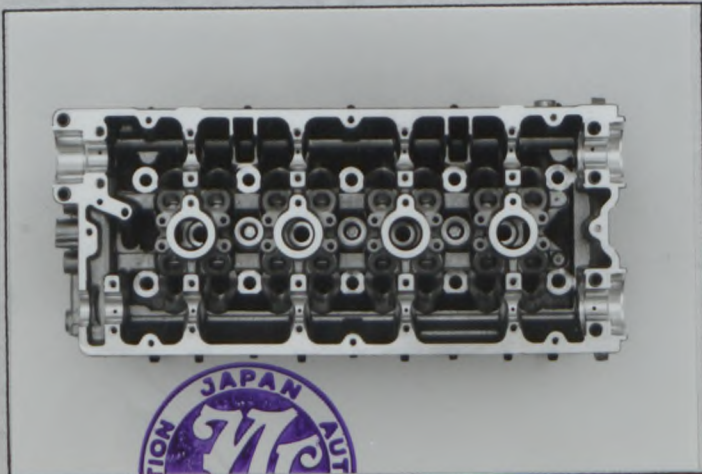
Nombre de soupapes par cylindre Number of valves per cylinder 2 Type des ressorts de soupape Type of valve springs COIL



PHOTOS

Culasse nue vue de dessus Bare cylinder head seen from above

Culasse nue vue de dessous Bare cylinder head seen from below



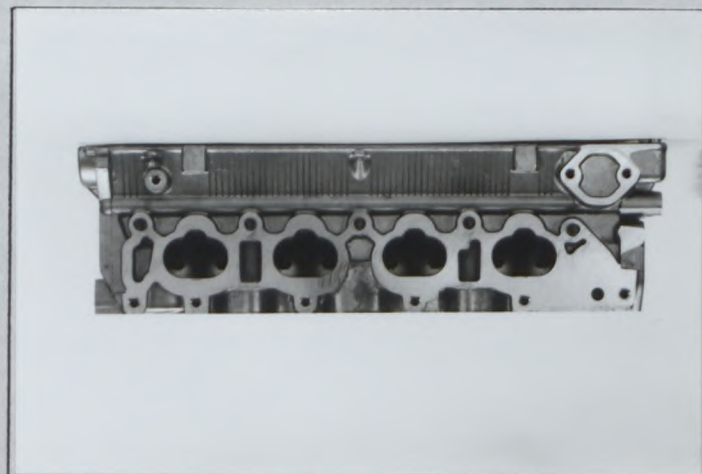
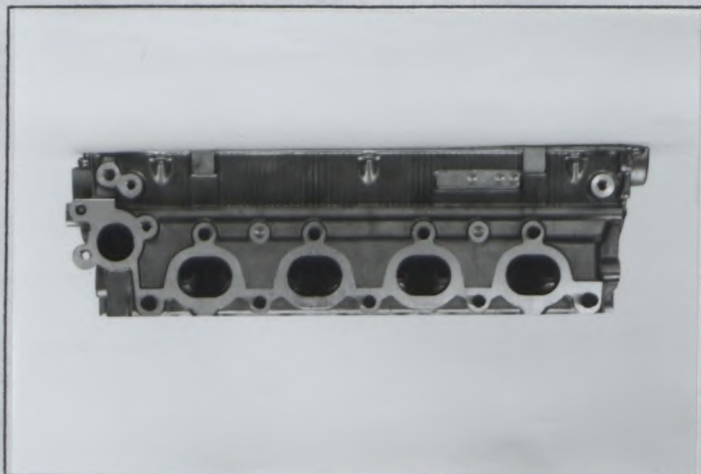
Marque MITSUBISHI  
Make \_\_\_\_\_

Modèle 4G93 ENGINE  
Model \_\_\_\_\_



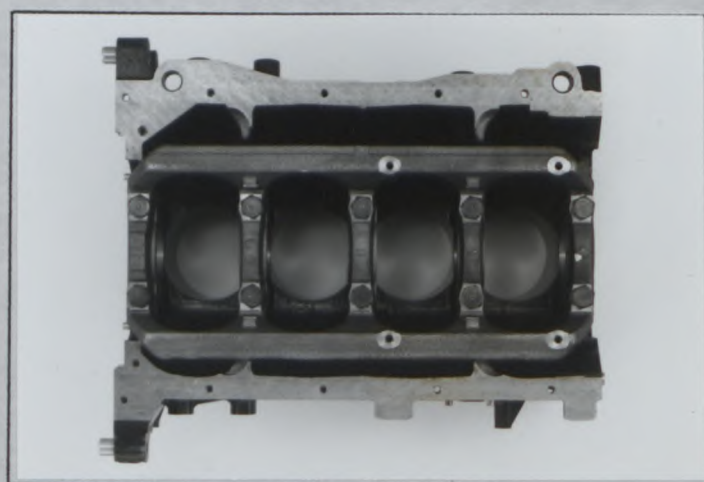
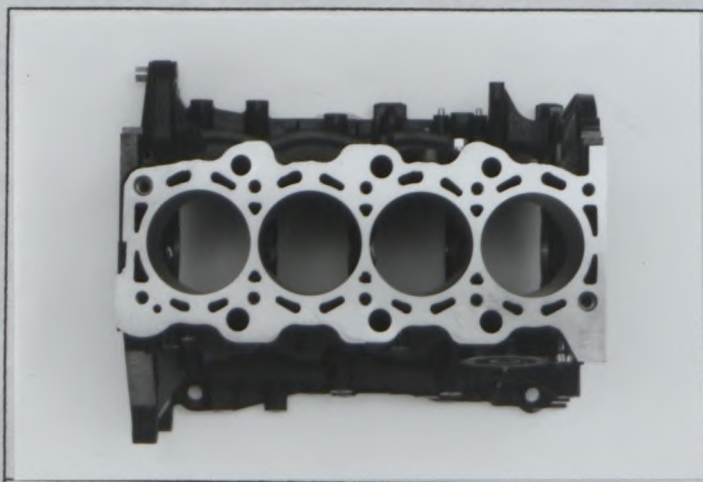
Profil droit de culasse nue  
Right hand view of bare cylinder head

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



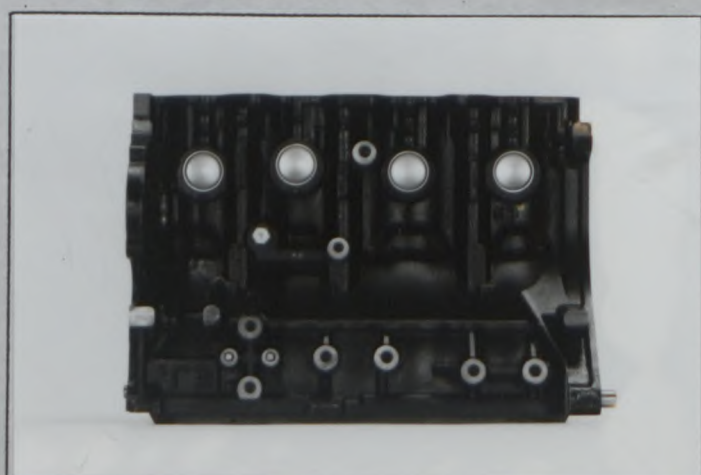
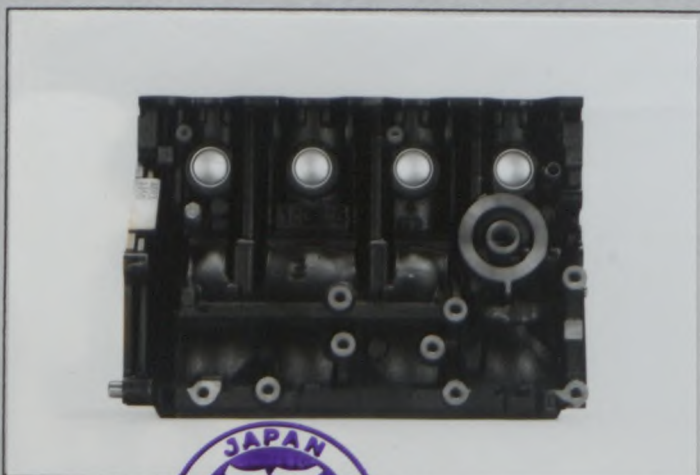
Bloc nu vu de dessus  
Bare block seen from above

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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