

**SERVICE INFORMATION**

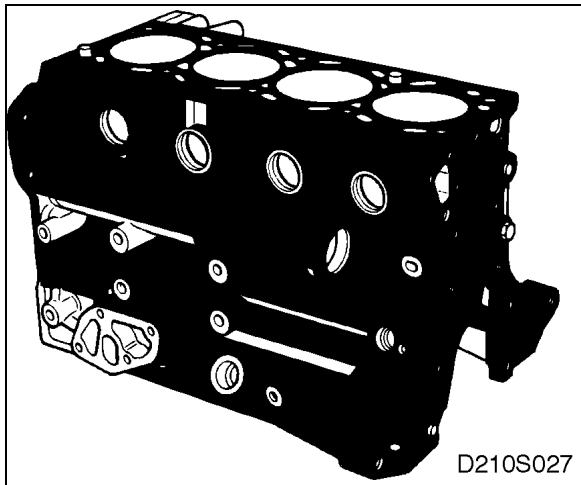
**Number:** 210-1797

**Year:** 1997

**Month:** JUNE

**Market:** US

**Correcting Engine Block Pitting**



**Cars affected**

All models with 4-cylinder engines

**Background**

Under certain conditions, the upper engine block surface may become eroded from prolonged leakage of the head gasket.

The erosion appears as a pitting of the block surface around the coolant passages.

**Action**

The eroded portion of the block surface can be built up using JB Weld or similar machineable epoxy without removing the engine from the vehicle.

- 1 Remove the cylinder head and the gasket.
- 2 Clean the surface and apply the epoxy following the instructions provided with the epoxy. Take great care to apply epoxy evenly, building up the eroded area above the actual deck height.

After the material is fully set-up, sand the area with a sanding block so that the deck surface is even and smooth. Take care not to remove any metal from the deck.



**WARNING**

Epoxy filings must not be allowed to enter the cylinders or the coolant and oil passages.

- 4 Reinstall the cylinder head and gasket using normal procedures.