

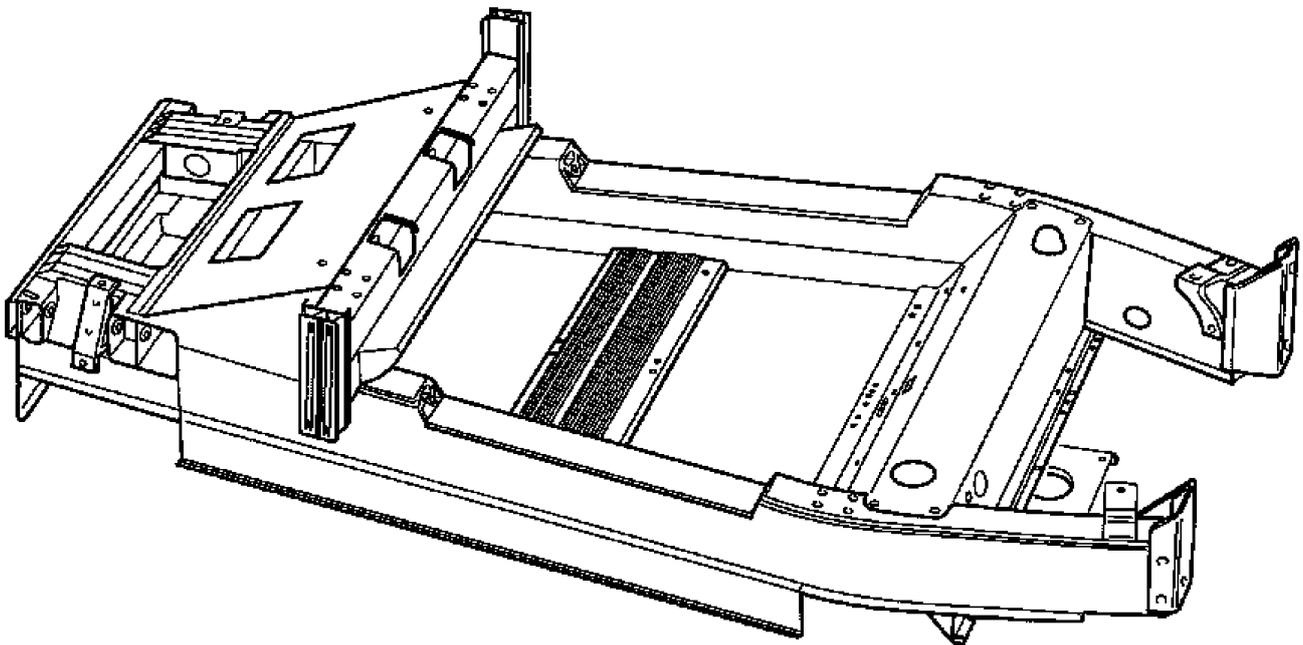
Chassis Frame

The chassis frame includes the passenger cell, the front suspension mountings, some of the rear suspension mountings and the engine bay.

The chassis is constructed from aluminium alloy extrusions and formed alloy sheet. The various sections are bonded together by means of an epoxy adhesive and drive-in fasteners.

The advantages of adhesive in comparison to welding are a stronger joint when applied over a large surface area, no distortion through the application of heat, no subsequent heat treatment to restore the properties of the metal after welding.

The crossmember at the rear of the passenger compartment accommodates the fuel tank and provides a mounting for the fuel tank lower panel, the front pivot points of the rear suspension and the front damping unit for the engine.



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2.7.2 Chassis Frame (continued)

- **Service**

No structural repairs should be performed on the chassis frame. Superficial and localised damage may be repaired. For damage such as significant bending, tearing, or distortion that produces uncorrectable errors in the suspension geometry, the chassis frame must be replaced. The chassis frame is supplied as part of the partial body assembly.