



SERVICE MANUAL

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GROUP 81

BODY FRAME DESCRIPTION

The car has an integral body so that there is no chassis frame. The body is composed of a number of pressed steel plates, each of which forms part of the supporting construction.

The body can suitably be divided up into the floor, side sections, rear section, scuttle, roof section, front mudguards, doors, luggage compartment lid and hood.

The floor and frame section (Fig. 8-4) consist of a front and rear floor plate, inner cantril, front and rear cross-members, tunnel and scuttle. The floor plates are welded together at the rear seat support.

The tunnel, which accomodates the propeller shaft, is spot-welded to the floor plates. The rear floor plate has a longitudinal reinforcing member on each side at the bottom and between these a number of cross-members. One of the cross-members is provided with an attachment for the rear axle track bar. There is a flanged hole in the rear floor plate for mounting the fuel tank, the upper part of which forms part of the floor in the luggage compartment. The scuttle (Fig. 8-5) consists of the bulkhead, wheel arches, front upper cross-member and lower cross-member. The bulkhead forms the front transverse wall of the body

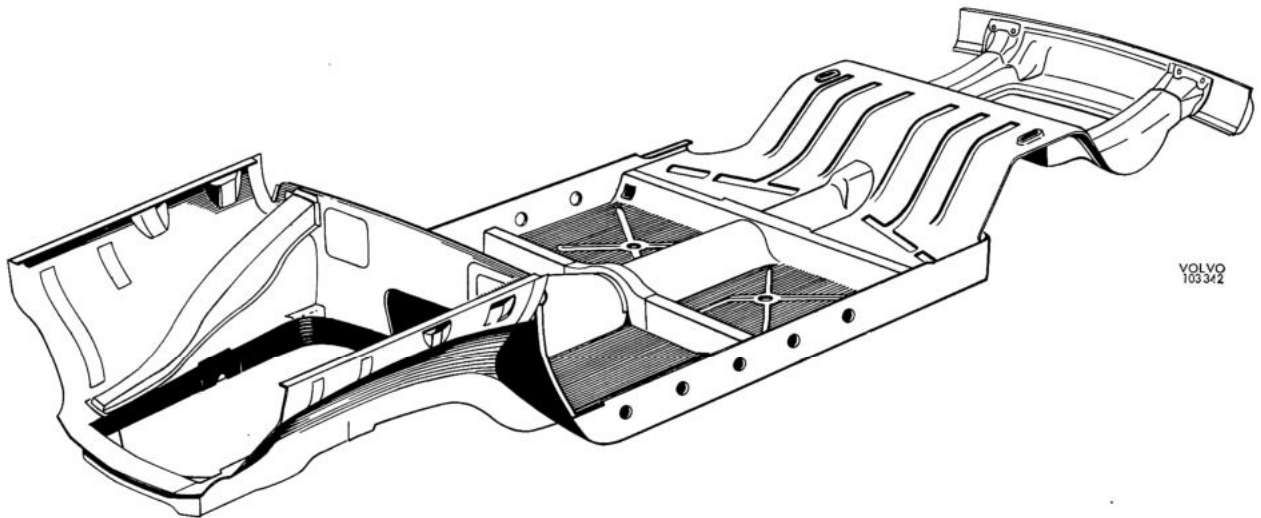


Fig. 8-4. Floor section

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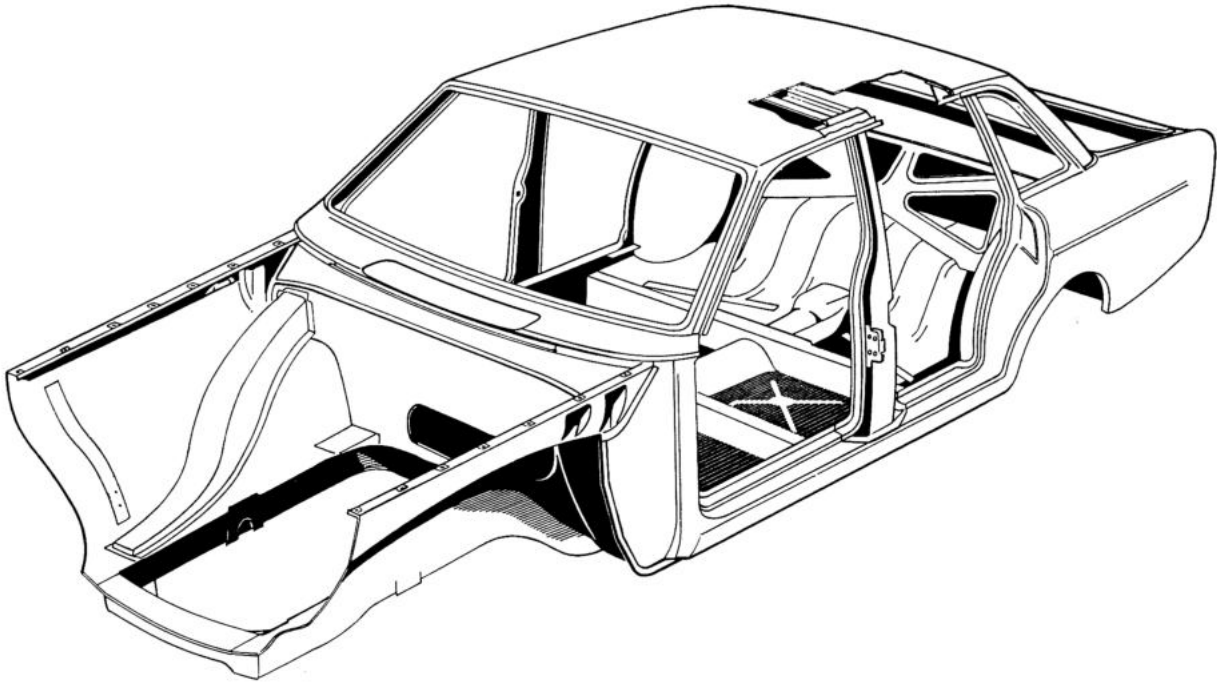


Fig. 8-5. Body

and has welded end pieces. Two front side members project from the front floor section. At the front they are joined together by means of a cross-member and at the rear they are connected to the front cross-member under the front seats. The front axle member and bumper support bars are attached to the side members.

The side section consists of the front pillar, intermediate pillar, rear pillar, inner and outer cantrails, roof former, windscreen pillar, rear wheel arch with

wheel arch member, rear mudguard, back plate and joining plate. The inner cantrail is manufactured of galvanized sheet steel.

The roof section (see Fig. 8-5) consists of a number of pressed steel plates. These roof plates form the upper part of the scuttle, the windscreen opening, the roof itself, the opening for the rear window and the front limit of the luggage compartment lid.

The body is noise- and heat-insulated. The insulation consists of self-adhesive foam rubber material.