■SAFETY FEATURES

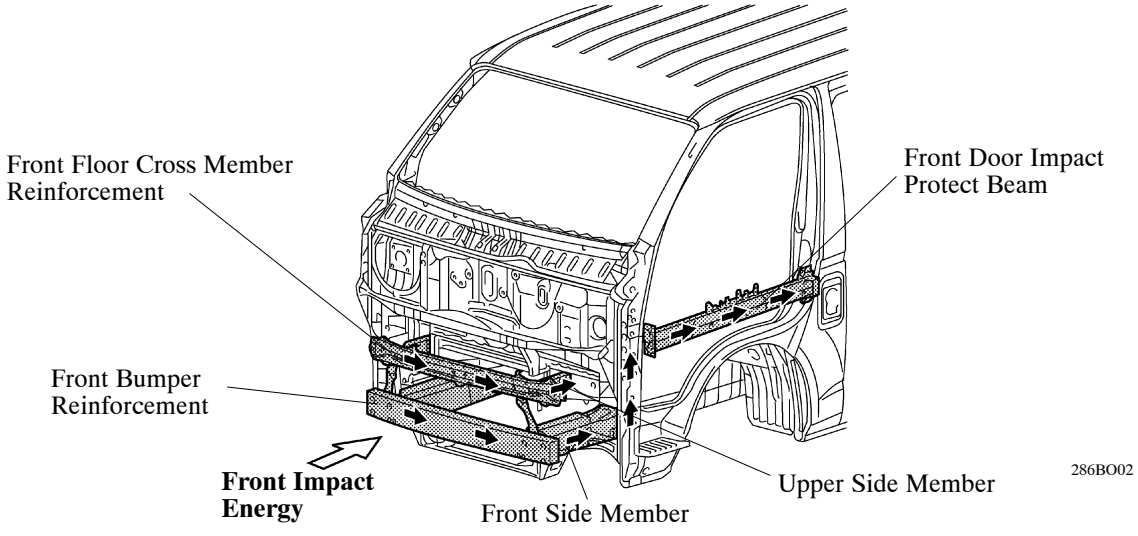
1. General

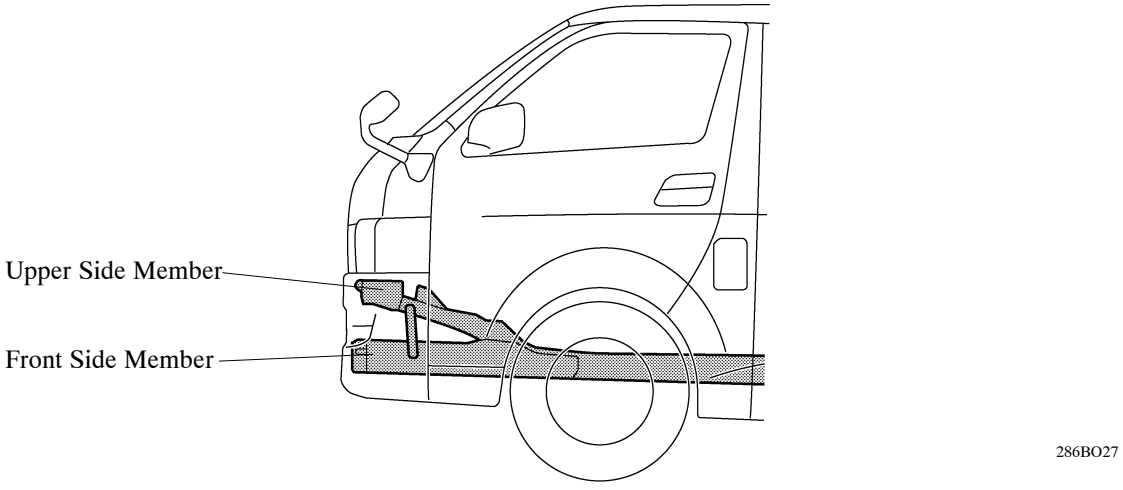
The front member structure has been changed to help minimize intrusion of the vehicle into the cabin in the event of a frontal collision, thus realizing excellent frontal collision safety performance.

2. Impact Absorbing Structure for Front Collision

- The front side member structure has been changed from the previous horizontal Y-shape structure to a straight-line structure, and an upper side member has been newly added on top, which forms a vertical Y-shape structure. This helps to efficiently dissipate the impact energy of a frontal collision in vertical directions, which helps minimize cabin deformation.
- A front bumper reinforcement has been newly placed at the front end of the front side members, and a front floor cross member reinforcement has been also placed at the front end of the upper side members. These create a structure that efficiently absorbs and dissipates the impact energy of a frontal collision.
- An impact protect beam has been placed inside the front door. The impact energy of a frontal collision is efficiently transmitted to the center pillar, which helps minimize intrusion of the front pillar into the cabin.

▶ Impact Absorbing Structure for Front Collision ◀





Front Side Member with Vertical Y-shape Structure