

■ SAFETY FEATURES

1. General

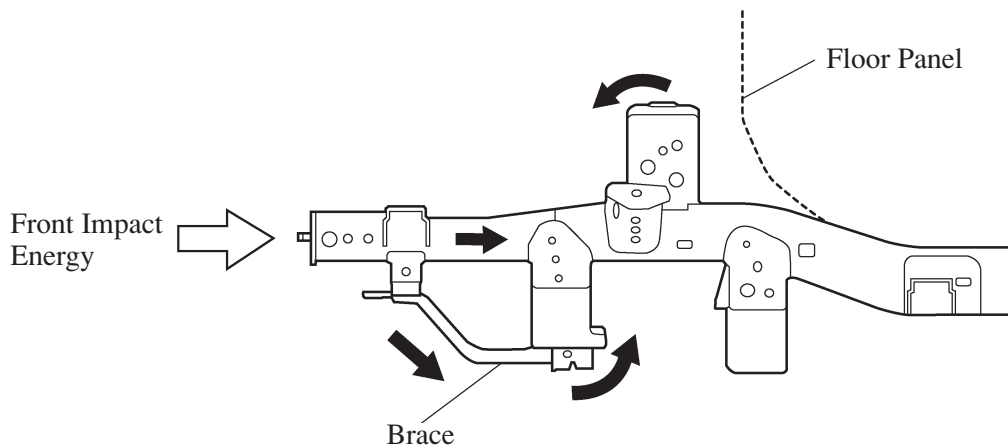
The impact absorbing structure of the new Hilux can help absorb the energy of impact in the event of a front or side collision. This structure also realizes high-performance occupant protection through the use of reinforcements that help minimize cabin deformation.

2. Impact Absorbing Structure for Frontal Collision

Frame

The brace has been added to the lower front portion of the frame.

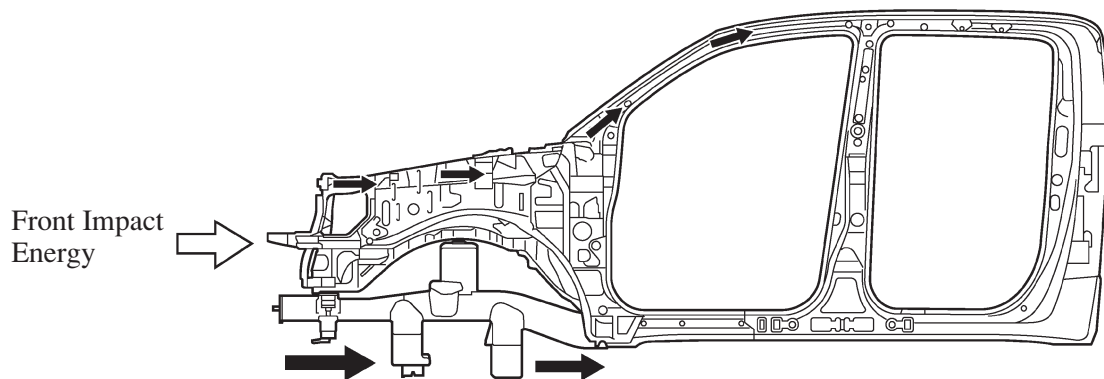
In the event of a frontal collision, the impact energy is transmitted to the No. 1 cross member through the brace. Thus, the moment of the backward rotation at the No. 1 cross member occurs in combination with the moment of the forward rotation at the front suspension tower. This helps minimize the floor deformation caused by the front suspension tower collapsing.



271BO15

Cabin

The optimally allocated panels and reinforcements allow the front impact energy received from the front end and frame to be dissipated and absorbed by the front pillar, rocker, and floor reinforcement, in order to minimize the deformation of the cabin.

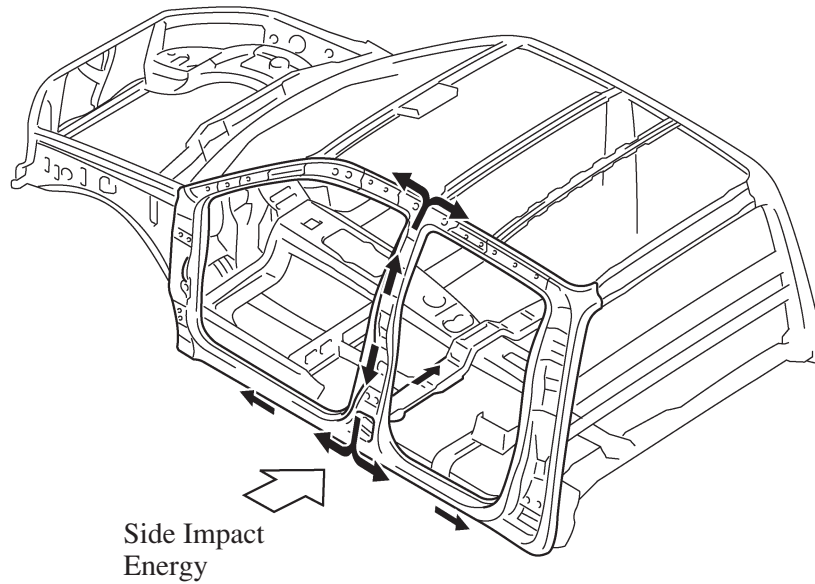


271BO02

Double Cab Model

3. Impact Absorbing Structure for Side Collision

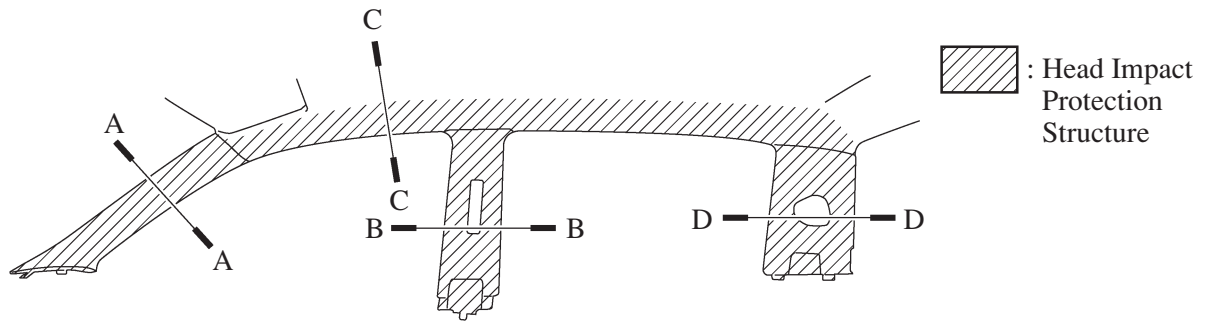
- Impact energy of a side collision directed to the cabin area is dispersed throughout the body via pillar reinforcements, side impact protection beam, and floor cross member.
- This dispersion of energy helps keep the energy directed to the cabin to minimum level.



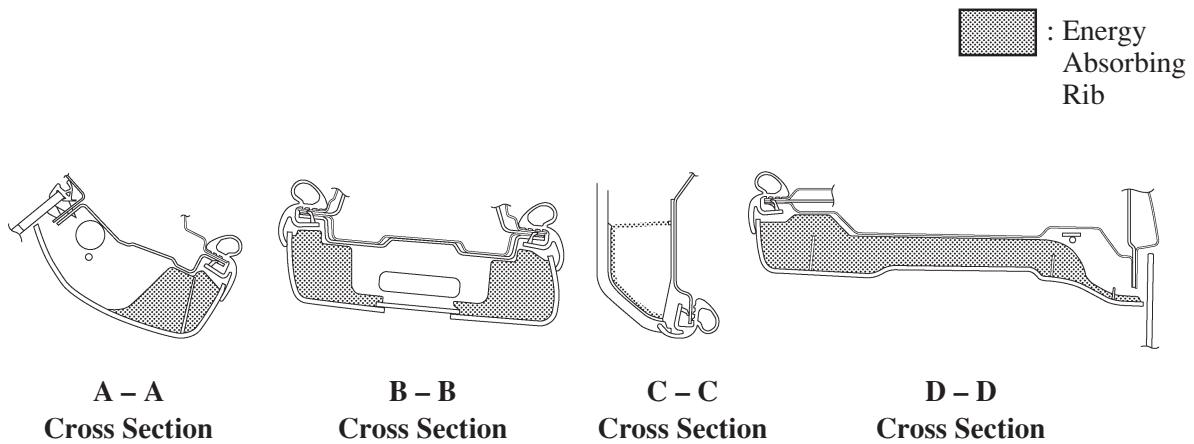
Double Cab Model

271BO03

- A Head Impact Protection Structure is used. With this type of construction, if the occupant's head hits against the roof side rail and pillar in reaction to a collision, the inner ribs of the roof side rail and pillar collapses to help reduce the impact.

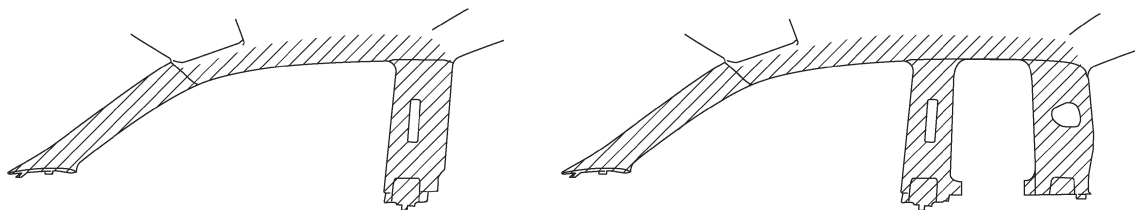


271BO12



Double Cab Model

271BO13



Single Cab Models

Extra Cab Models

271BO14