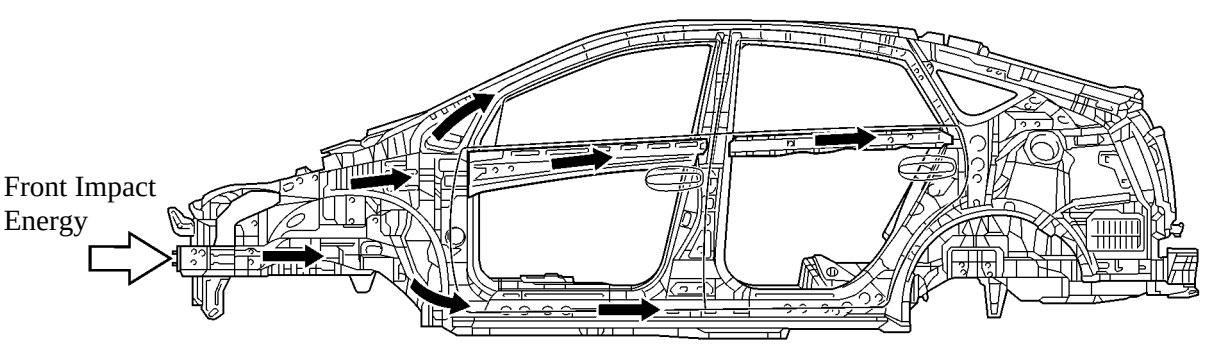
■SAFETY FEATURES

1. General

The impact absorbing structure of the ’04 Prius can effectively 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 and members that help minimize cabin deformation.

2. Impact Absorbing Structure for Frontal Collision

The front bumper reinforcements, under reinforcements, floor tunnel reinforcements, and the reinforcements on the rocker door belt line effectively dissipate the impacts applied by the front side reinforcements in order to minimize the deformation of the cabin during a collision.



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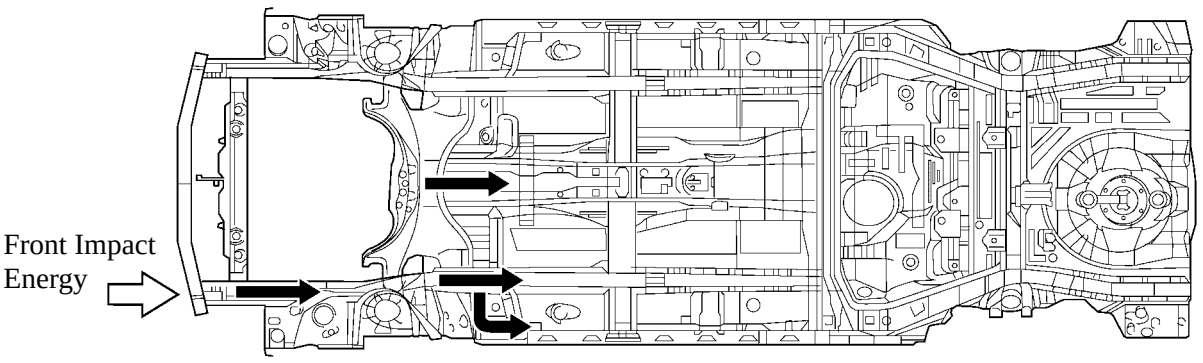

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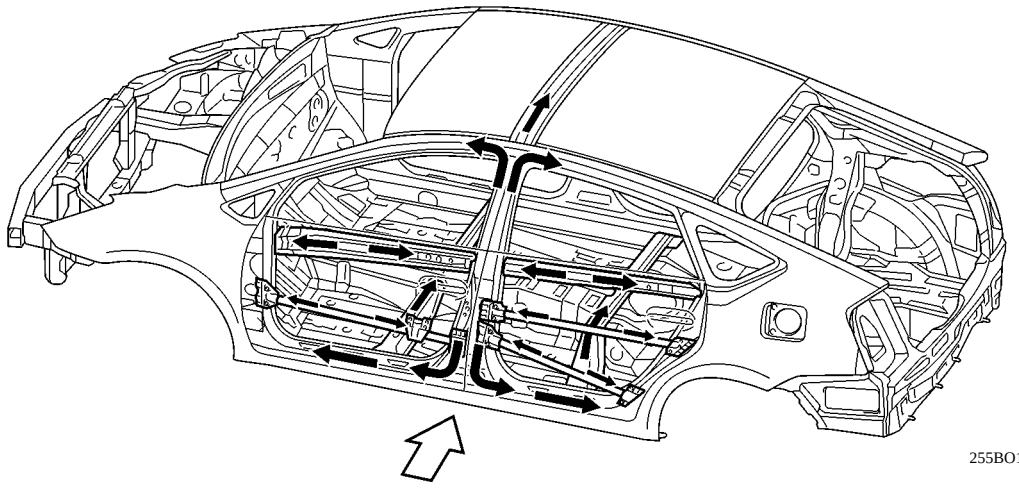
3. Impact Absorbing Structure for Side Collision

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



- 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.