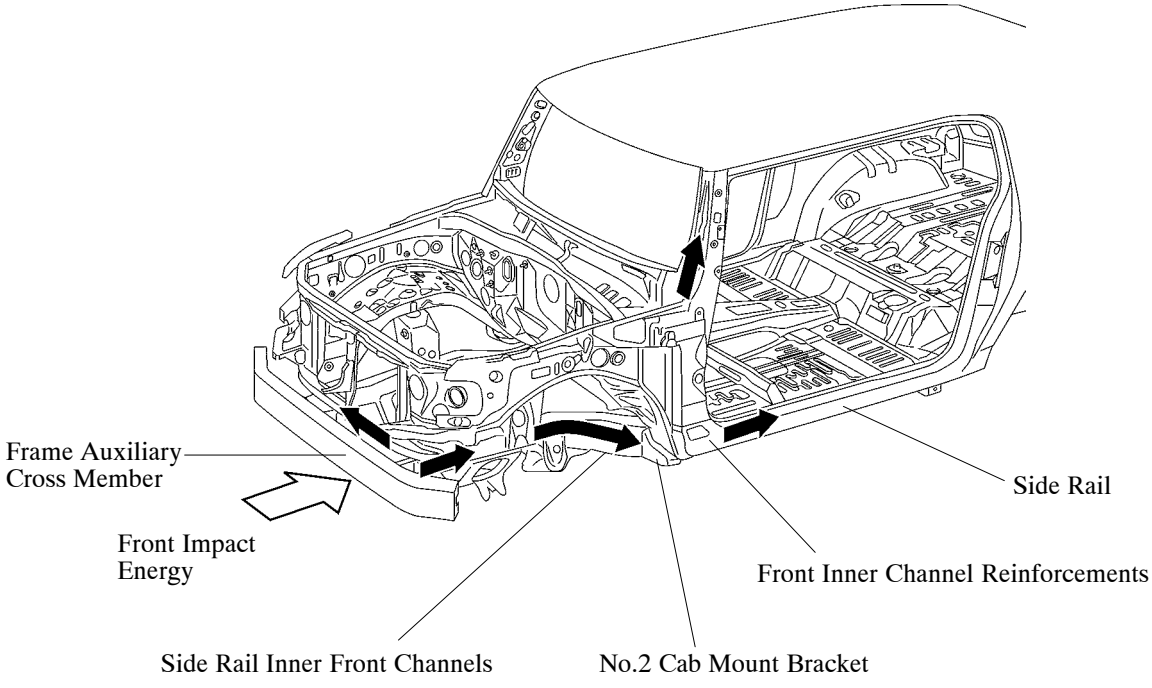
■SAFETY FEATURES

1. General

The impact absorbing structure provides a construction that can effectively absorb the energy of impact in the event of a front or side collision. Also, it realizes excellent occupant protection performance through the use of reinforcements and members that help minimize cabin deformation.

2. Front Collision Impact Absorbing Structure

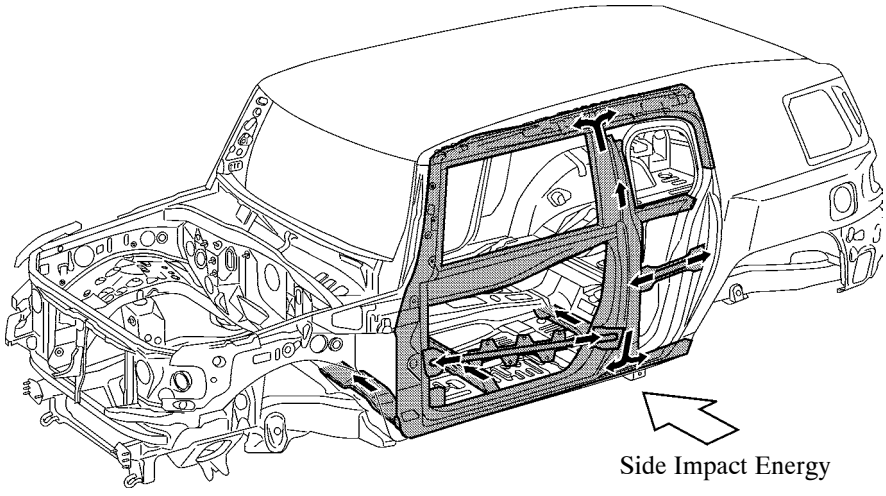
- The size of the No.2 cab mount brackets has been increased. In the event of an impact to a wheel, the wheel can contact the cab mount bracket to allow the energy of the impact to be dispersed.
- Front inner channel reinforcements have been adopted for the side rail inner front channels to allow the side rails to deform uniformly in the event of a collision.
- A frame auxiliary cross member has been adopted for the front portion of the side rail to protect the radiator in the event of a collision.



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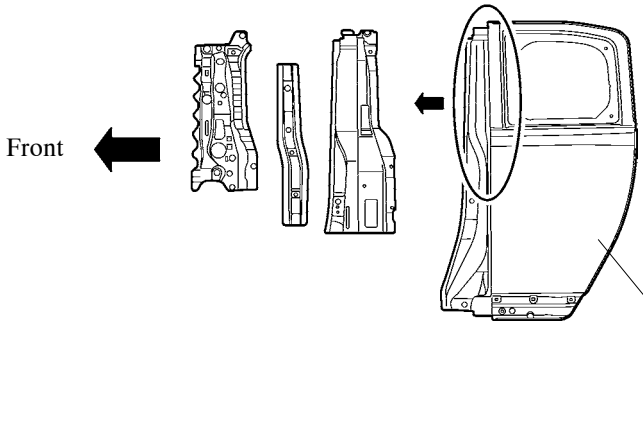
3. Side Collision Impact Absorbing Structure

- Impact energy of a side collision directed to the cabin area is dispersed throughout the body via pillar, reinforcement, side impact protection beams, floor cross members, thus helping minimize the impact energy finally directed to the cabin.



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- The ’07 FJ Cruiser does not have a center pillar. The front portion of the access door has the same strength as a center pillar. In addition, the access door has been adopted high tensile strength sheet steel.

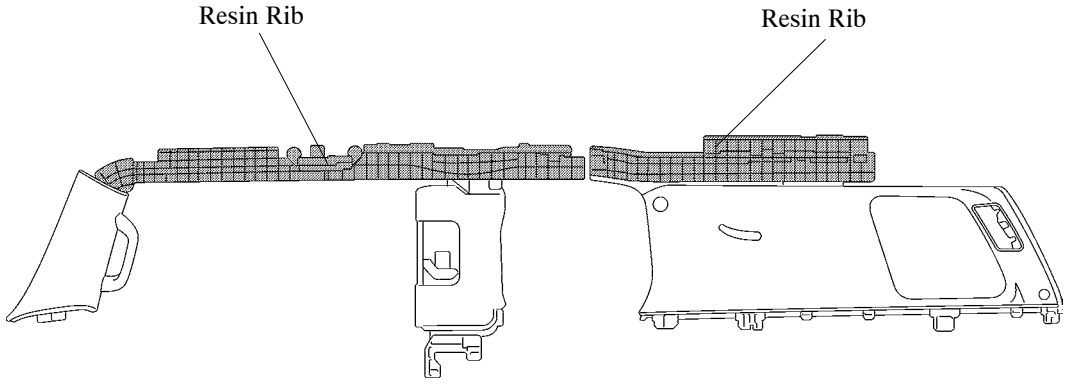


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- A Head Impact Protection Structure is used. With this type of construction, if the occupant's head hits against the roof side rail and pillar in reaction to a collision, the inner panel of the roof side rail and pillar collapses to help reduce the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

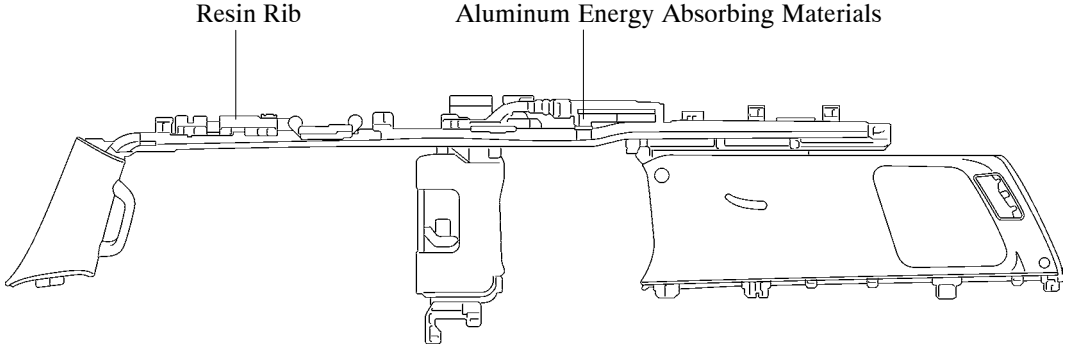
▶ without Curtain Shield Airbag ◀

: Head Impact Protection Structure



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▶ with Curtain Shield Airbag ◀



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