

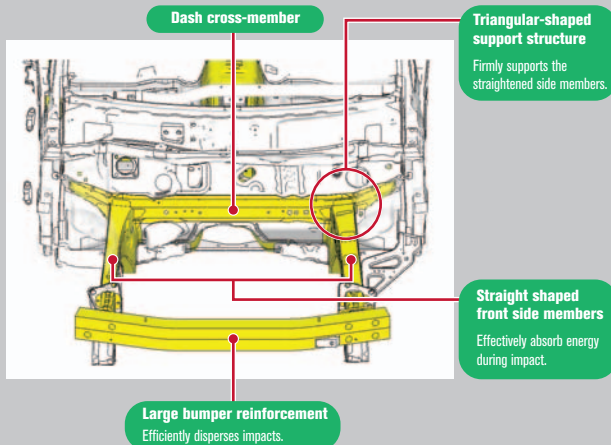
Zone Body Improvements

Nissan's Zone Body comprises of "crushable zones" that help absorb impact energy and a strong "occupant zone" that helps protect the vehicle occupants. Nissan is continually improving the Zone Body construction not only to comply with the safety standards of countries around the world but also to meet stringent in-house standards and on the results of real-world accident analysis.

A Crash-compatible Zone Body Construction of TIIDA

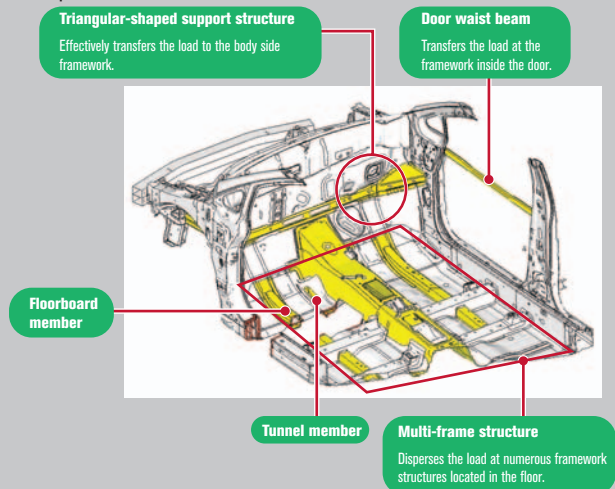
Front Crushable Zone Improvements

The bumper reinforcement has been increased in size to help disperse impact energy better and a triangular-shaped structure has been adopted to firmly support the straightened side members. These measures help enhance the impact-absorbing efficiency of the front crushable zone.



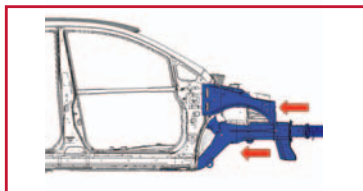
Occupant Zone

The triangular-shaped support structure of the front side members, a multi-frame structure consisting of the floorboard member, tunnel member and other parts, and the adoption of a door waist beam all work to help disperse the crash energy, thereby creating a strong occupant zone to help protect the occupants.



Zone Body Improvements

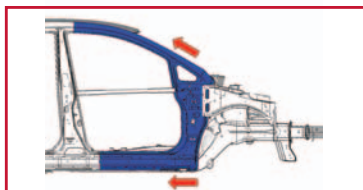
First stage of a collision



Front side members absorb impact energy.



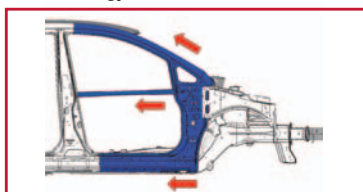
Second stage of a collision



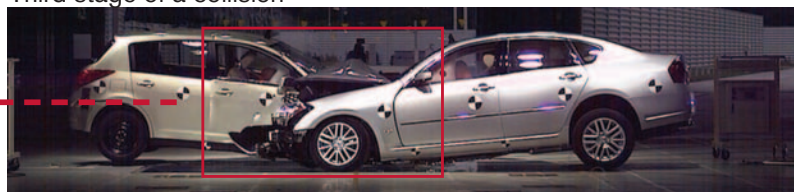
Crash energy distributed between the A-pillar and sill



Third stage of a collision



If the A-pillar begins to deform, the door waist beam helps further distribute crash energy.



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