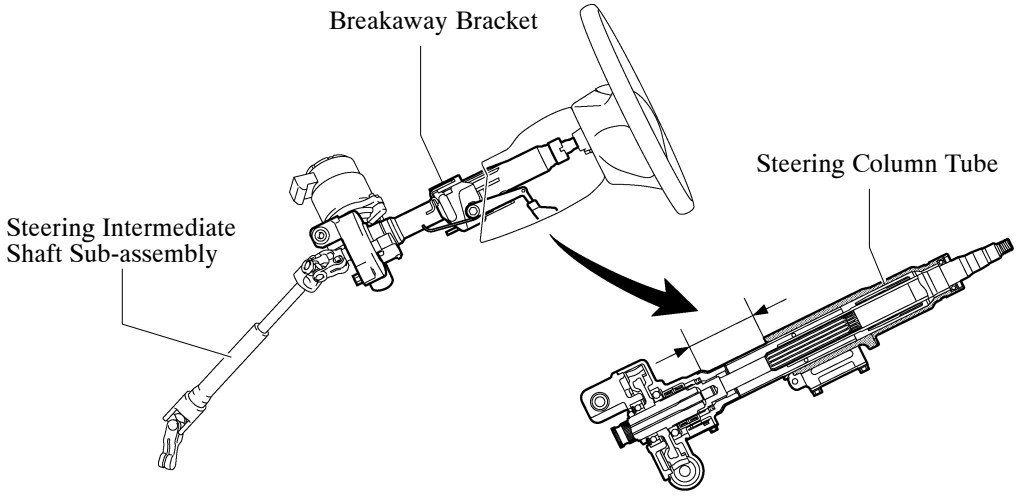
■ ENERGY ABSORBING MECHANISM

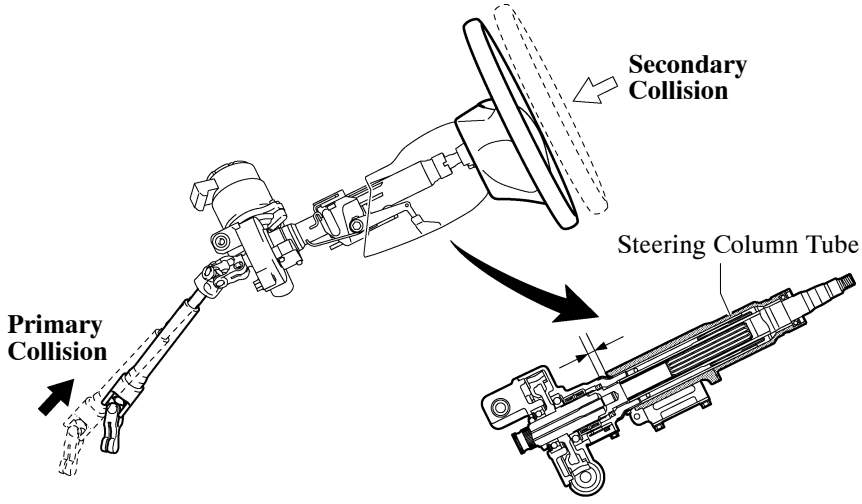
The energy absorbing mechanism consists of the steering column assembly, a breakaway bracket and steering intermediate shaft sub-assembly. The steering column assembly is mounted on the instrument panel reinforcement via a breakaway bracket. The steering column assembly and the steering gear assembly are connected to the steering intermediate shaft sub-assembly.

- When the steering gear assembly moves during a collision (primary collision), the steering intermediate shaft sub-assembly contracts, thus helping reduce the possibility of the steering column assembly and the steering wheel protruding into the cabin.
- When a collision impact is transmitted to the steering wheel (secondary collision), the steering wheel and the driver's airbag help absorb the impact. In addition, the breakaway bracket separates, and the steering column tube contracts. At this time, the friction resistance of the sliding portion, which is staked to the steering column tube, absorbs the energy. This sequential energy absorbing mechanism helps absorb the impact of the secondary collision.



Before Collision

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After Collision

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