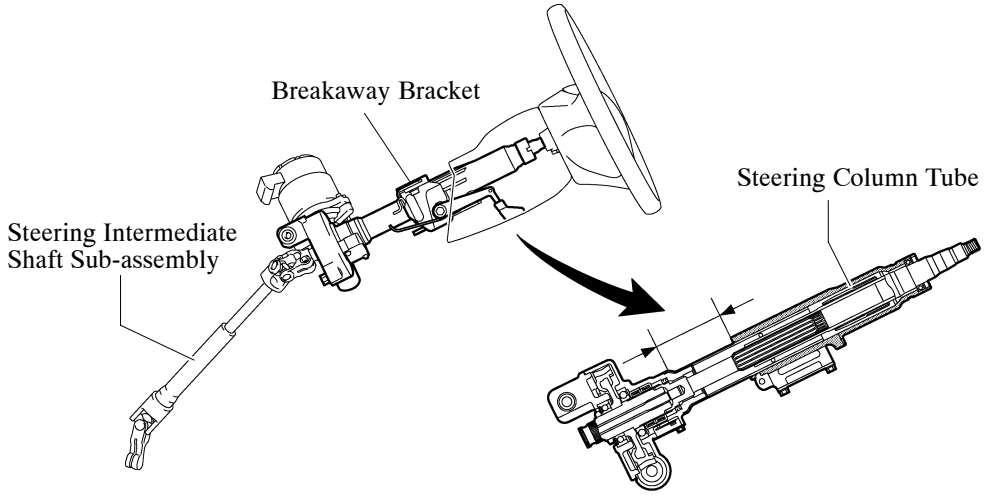
■ ENERGY ABSORBING MECHANISM

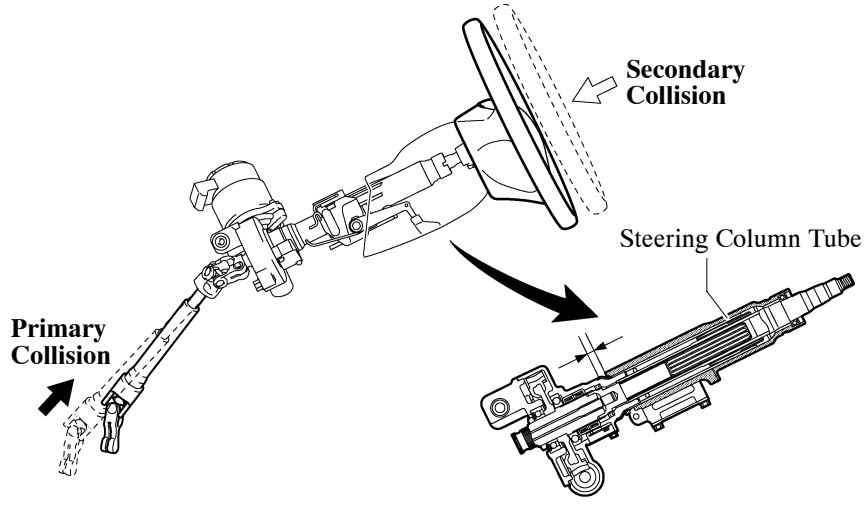
The energy absorbing mechanism consists of the steering column assembly, a breakaway bracket and No.2 steering intermediate shaft assembly. The steering column assembly is mounted on the instrument panel reinforcement via a breakaway bracket. The steering column assembly and the steering gear assembly are connected to the No.2 steering intermediate shaft assembly.

- When the steering gear assembly moves during a collision (primary collision), the No.2 steering intermediate shaft 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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