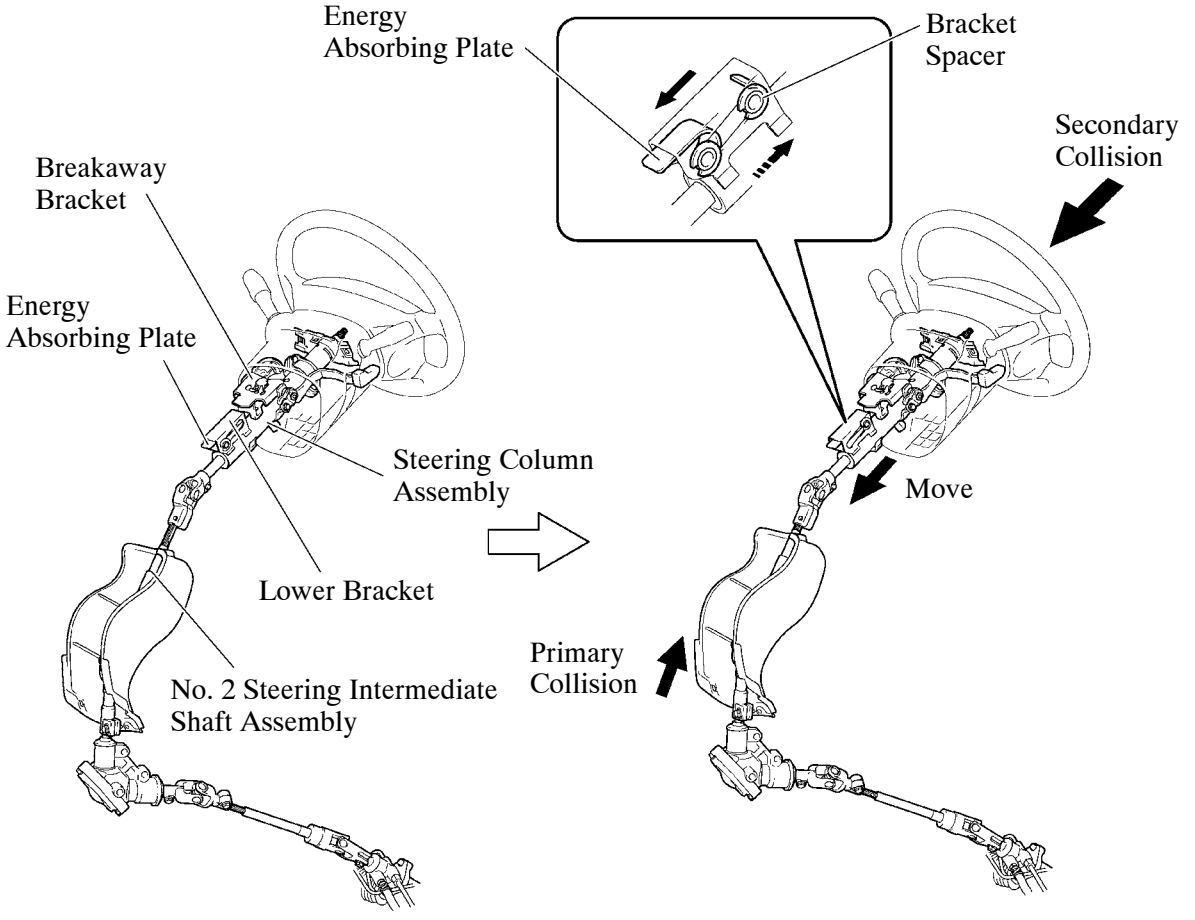
■ ENERGY ABSORBING MECHANISM

1. General

The energy absorbing mechanism in the steering column consists of a lower bracket, breakaway bracket, No. 2 steering intermediate shaft assembly and energy absorbing plate. The steering column assembly is mounted onto the instrument panel reinforcement via a lower bracket and breakaway bracket. The steering column and the steering gear box are connected with a contractile No. 2 steering intermediate shaft assembly.

2. Operation

- When the steering gear box moves during a collision (primary collision), the No. 2 steering intermediate shaft assembly contracts, thus helps reduce the chance that the steering column assembly and the steering wheel protrude into the cabin.
- When an impact is transmitted to the steering wheel in a collision (secondary collision), the steering wheel and the driver airbag help absorb the impact. In addition, the breakaway bracket and the lower bracket separate, causing the entire steering column to move forward.
  At this time, the energy absorbing plate becomes deformed to help absorb the impact of the secondary collision.



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