

## ■ ENERGY ABSORBING MECHANISM

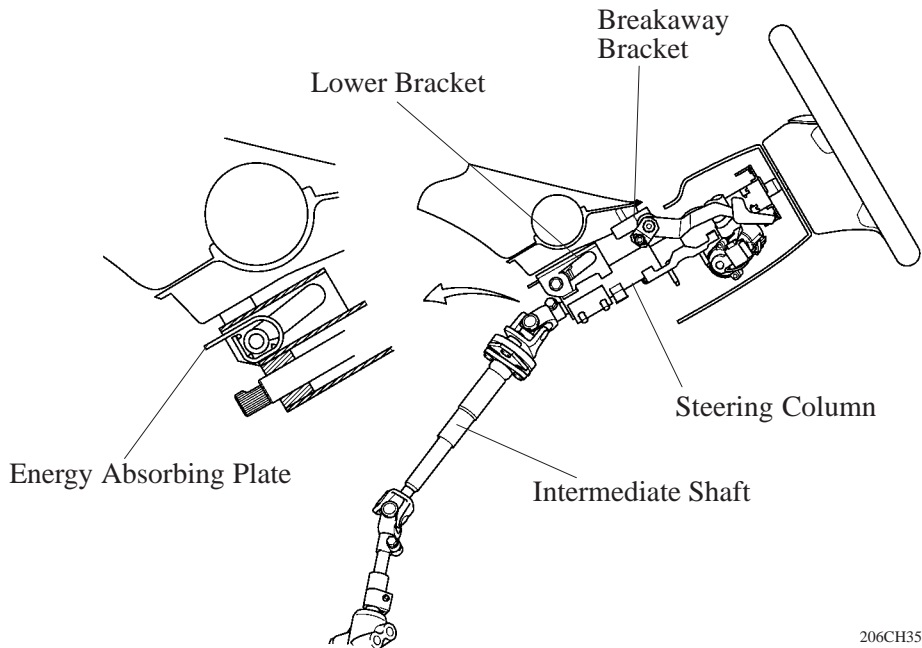
The energy absorbing mechanism mainly consists of a lower bracket, energy absorbing plate, breakaway bracket and contractil intermediate shaft.

When an impact is transmitted to the steering wheel in a frontal collision (secondary collision), the lower bracket and the bracket spacer, as well as the breakaway bracket and the tilt lever lock bolt separate, causing the entire steering column to move forward.

At the same time, the energy absorbing plate in the lower bracket is deformed by the bracket spacer and help absorbs the impact of the secondary collision.

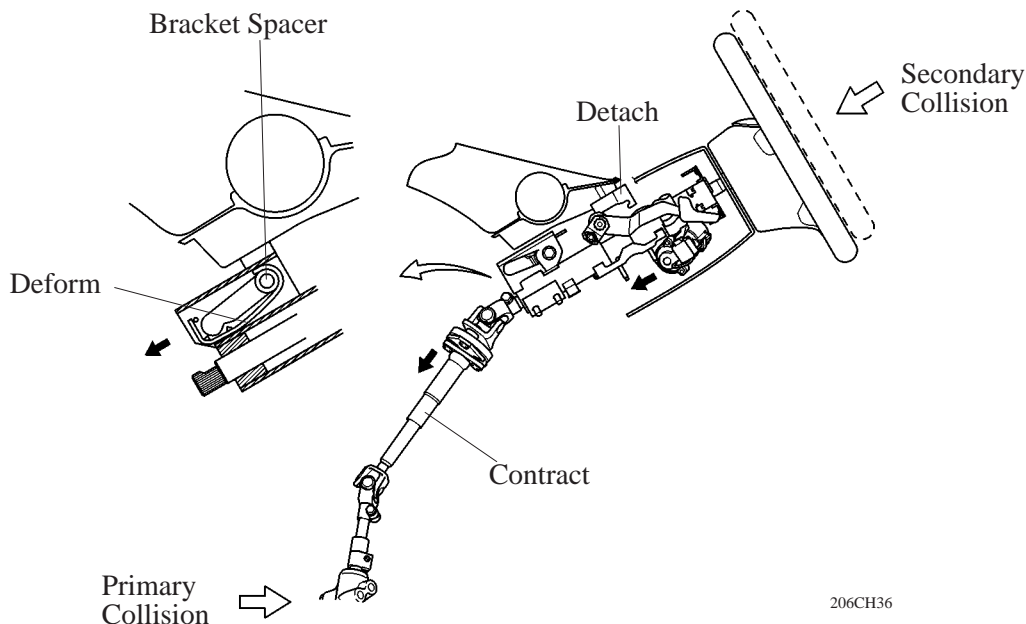
Furthermore, the amount of forward movement of the entire steering column is absorbed by the contraction of the intermediate shaft.

The contraction of the intermediate shaft also help absorbs the impact (primary collision) causing the steering gear box pressed toward the cabin side and the steering column rearward.



206CH35

**Before Collision**



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**After Collision**