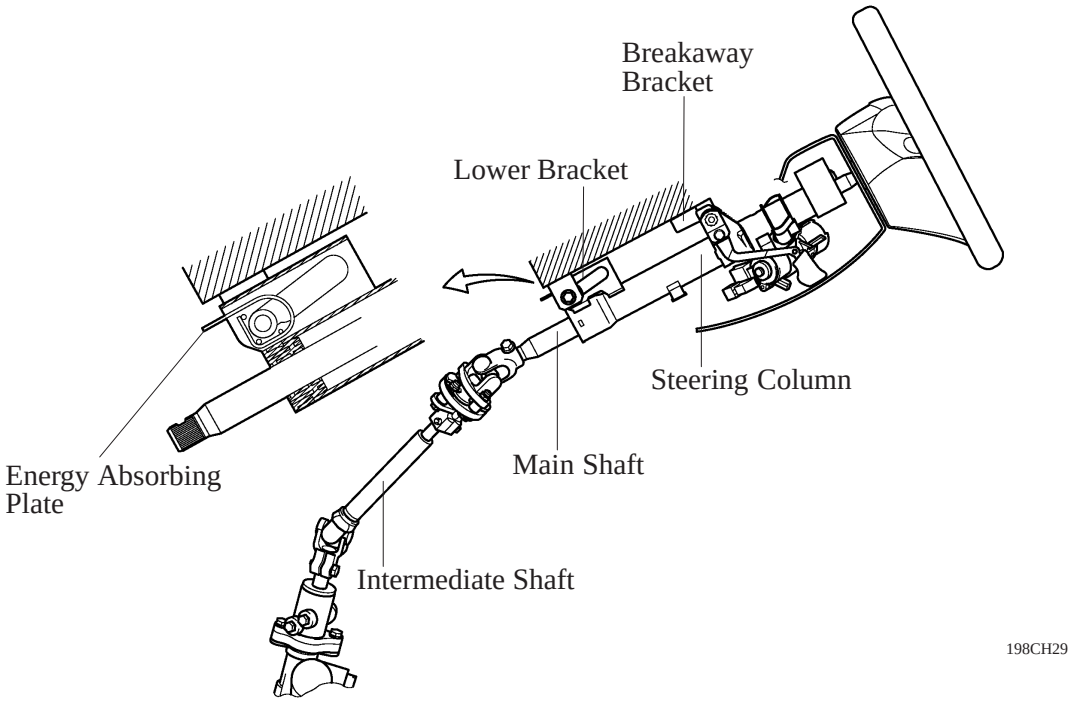
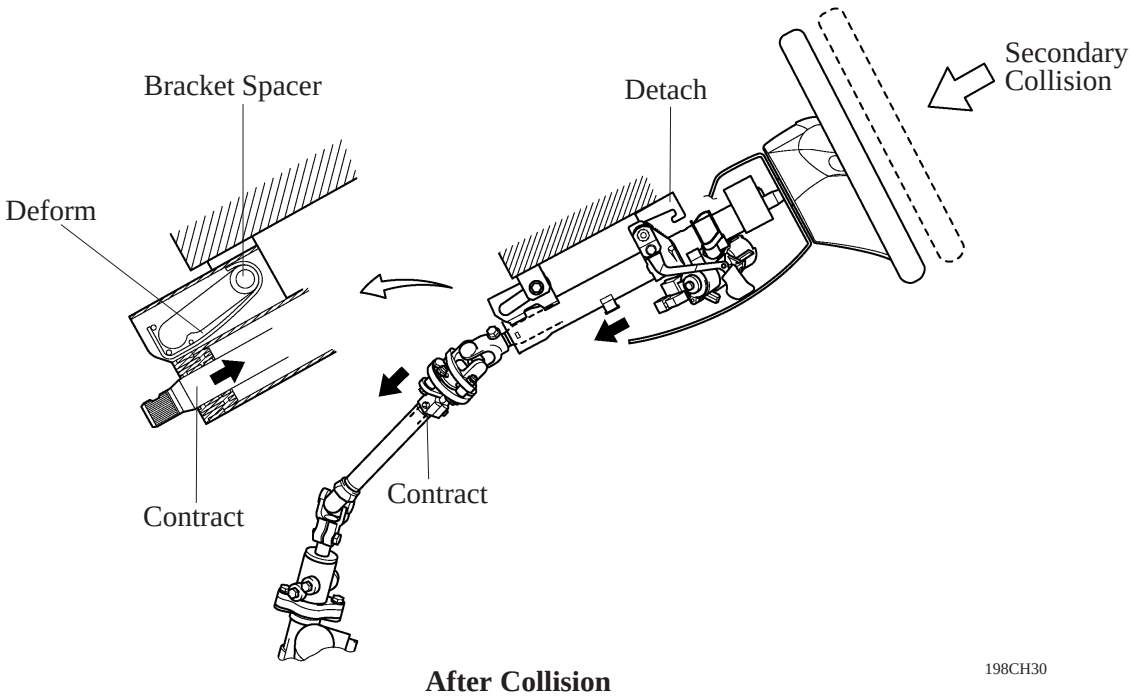
■ENERGY ABSORBING MECHANISM

The energy absorbing mechanism mainly consists of a lower bracket, energy absorbing plate, braekway bracket, contractile main shaft and contractile 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 to and helps absorb the impact of the secondary collision.
Furthermore, the amount of forward movement of the entire steering column is absorbed by the contraction of the main shaft and the intermediate shaft.



Before Collision



After Collision