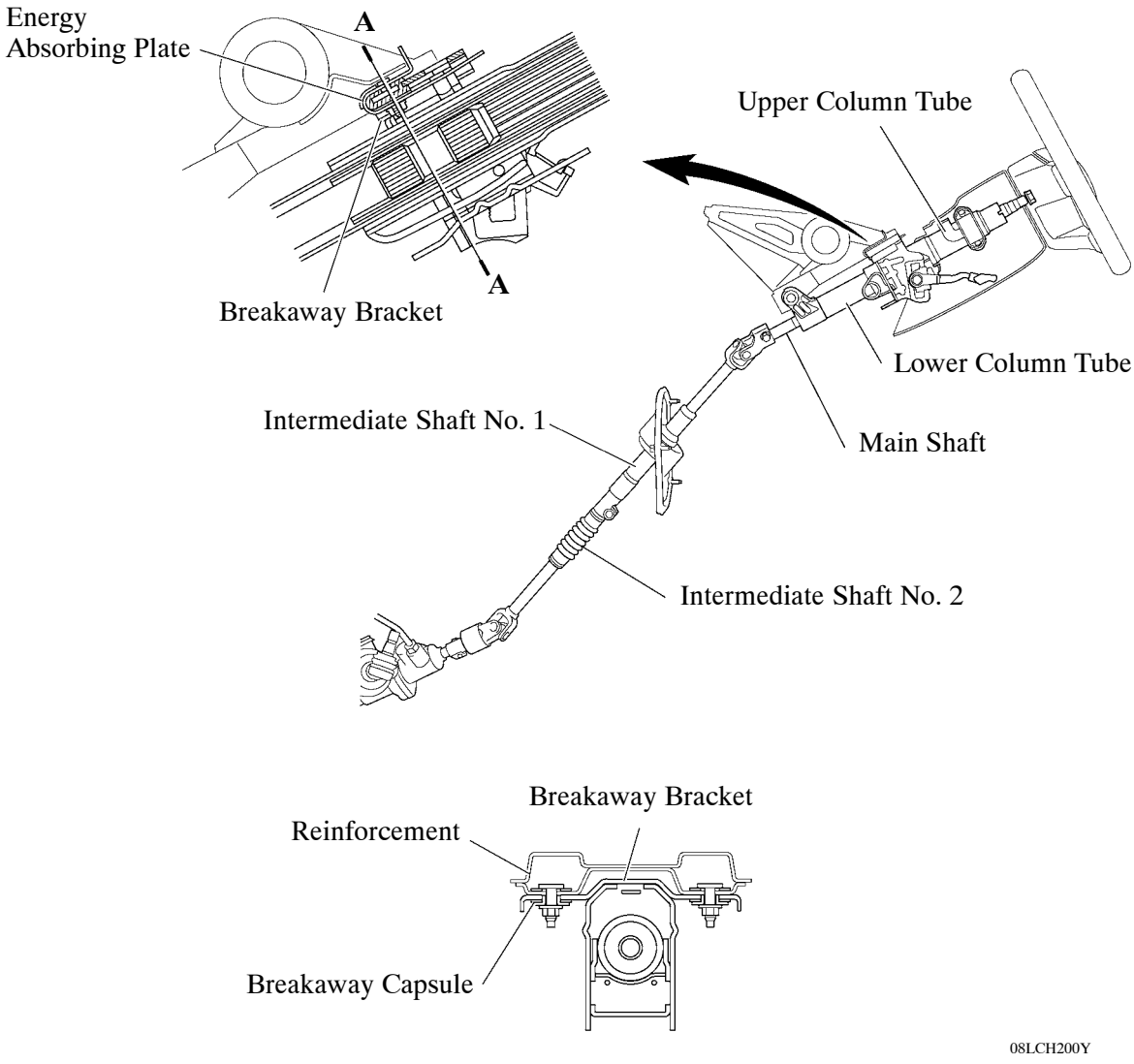
■ ENERGY ABSORBING MECHANISM

- The energy absorbing mechanism consists of a breakaway bracket, breakaway capsule, energy absorbing plate, main shaft, upper column tube and lower column tube.
- When the steering rack moves in toward the cabin during a collision (primary collision), the intermediate shaft and main shaft contract, thus helping prevent the steering column and the steering wheel from moving into the cabin.
- When an impact is transmitted to the steering wheel during a collision (secondary collision), the steering wheel and the steering wheel pad help absorb the impact. In addition, the energy absorbing plate helps absorb the impact and the breakaway capsule is disconnected from the column set bolt, the breakaway bracket and the reinforcement separate, and the space between the upper and lower column tubes contracts.

▶ Before Collision ◀



A – A Cross Section

▶ After Collision ◀

