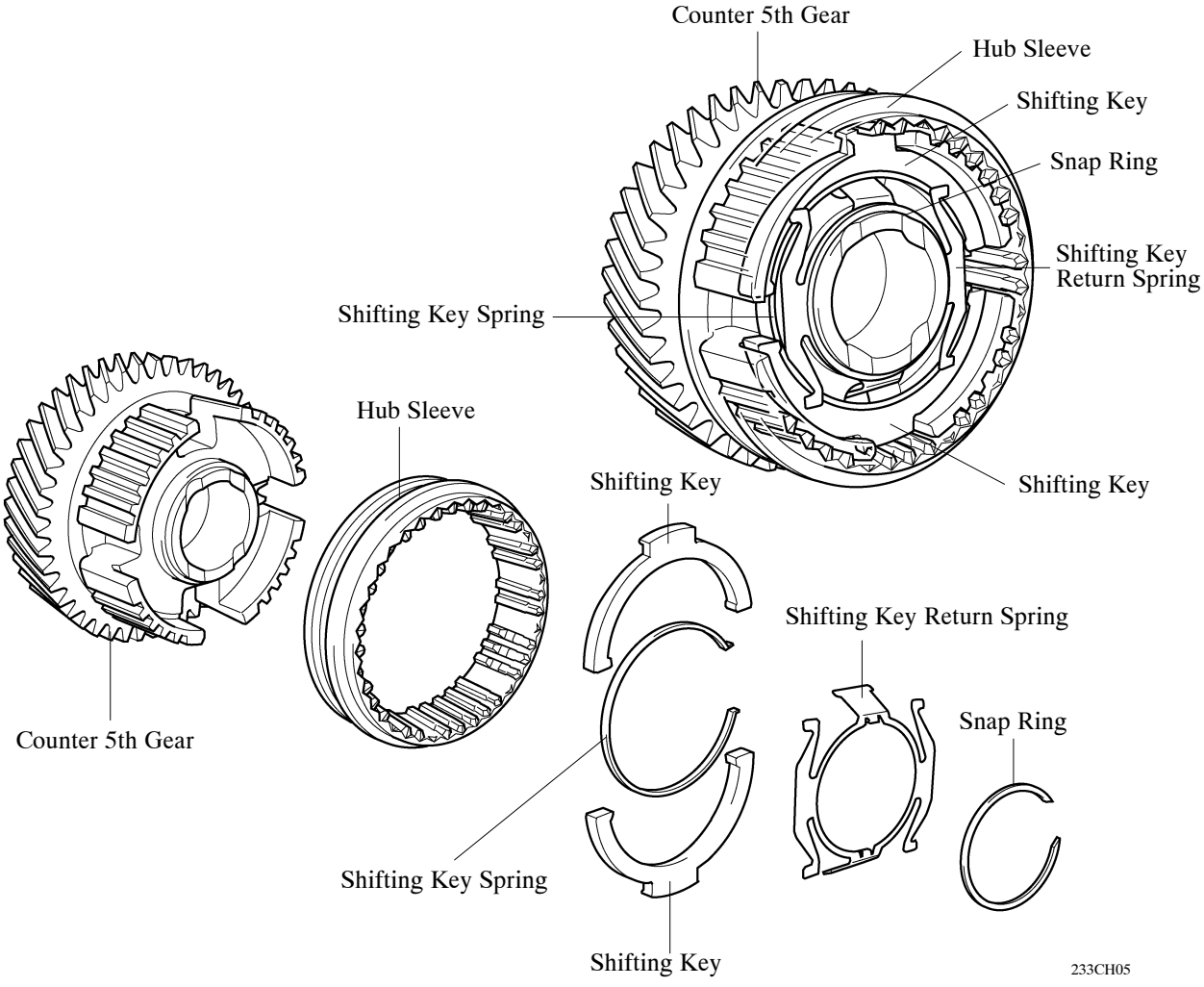
■ REVERSE SYNCHROMESH MECHANISM

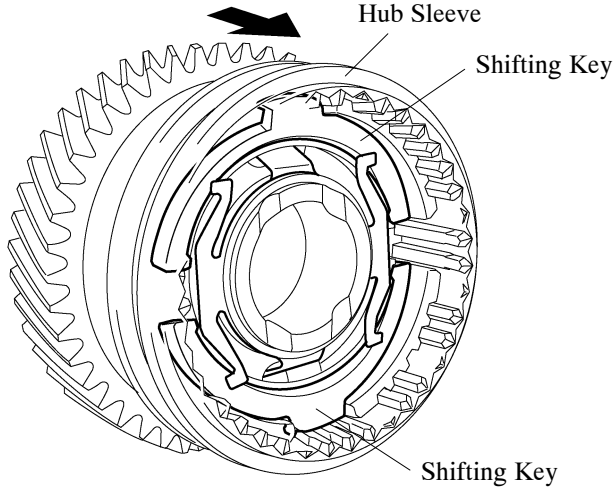
1. General

The reverse synchromech mechanism consists of 2 shifting keys, shifting key spring, and shifting key return spring.

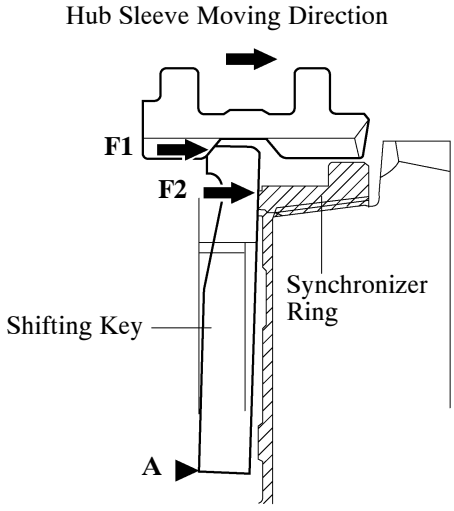


2. Operation

- While shifting into the 5th, the 2 shifting keys move in unison with the hub sleeve (F1). With "A" acting as the fulcrum, the 2 shifting keys move to push the synchronizer ring only for the amount of the lever ratio (F2). The shift effort can be reduced only for this amount.

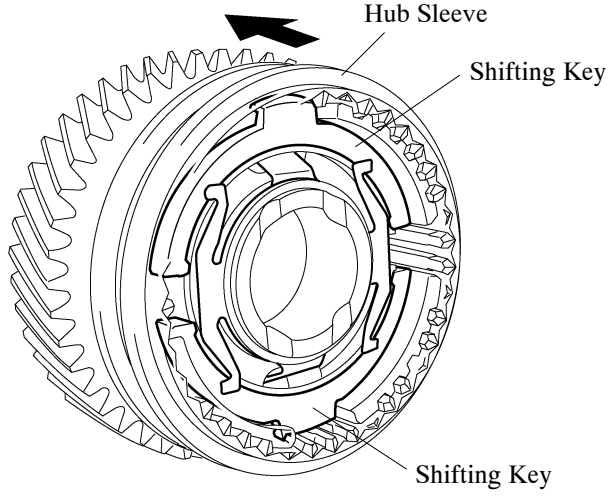


233CH01

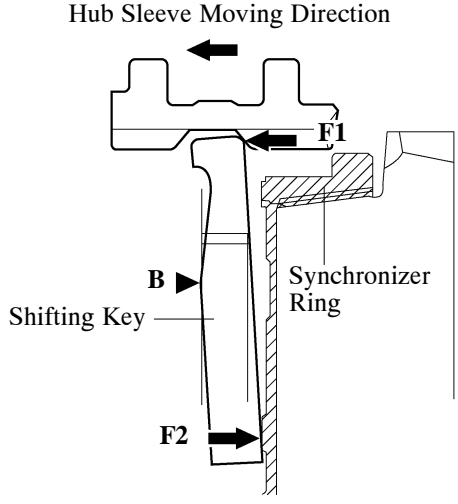


233CH02

- While shifting into the reverse, with "B" acting as the fulcrum, the 2 shifting keys move to push the synchronizer ring (F2). As a result, a brake is applied to the rotation of the counter gear, and gear noise is prevented.



233CH03



233CH04