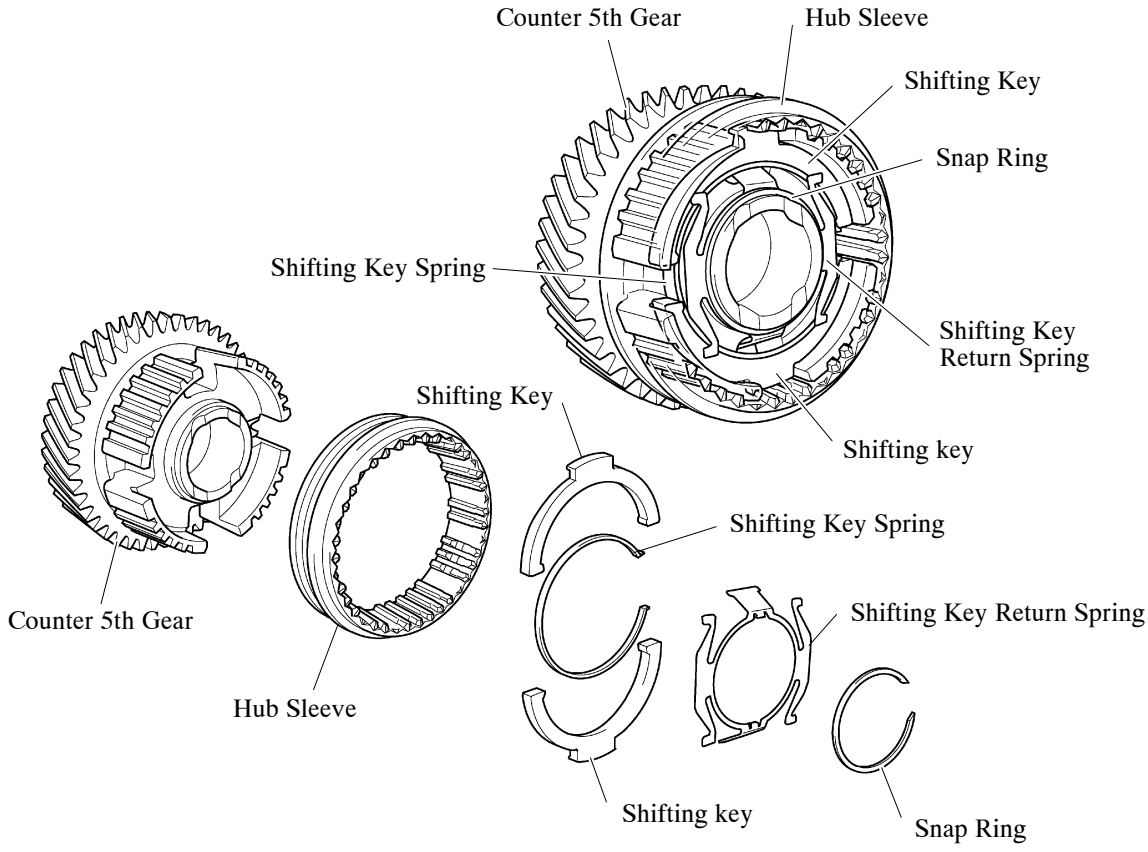
■ REVERSE SYNCHROMESH MECHANISM

1. General

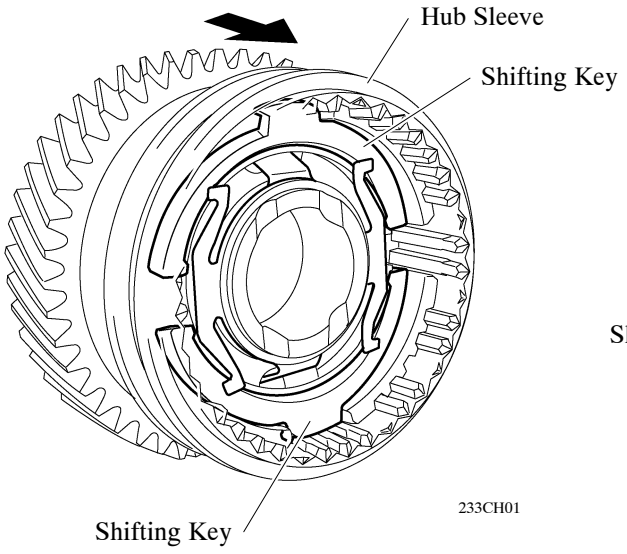
The reverse synchromesh mechanism consists of 2 shifting keys, a shifting key spring, and a shifting key return spring.

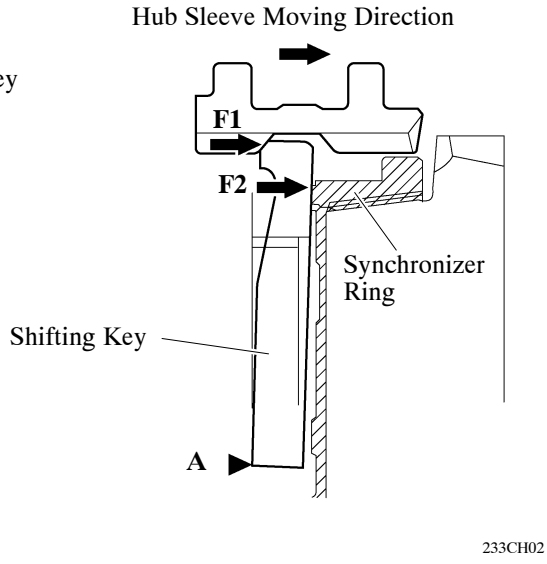


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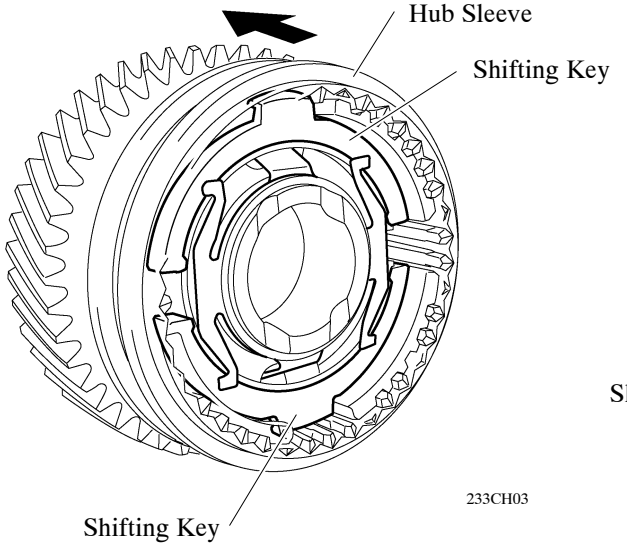
2. Operation

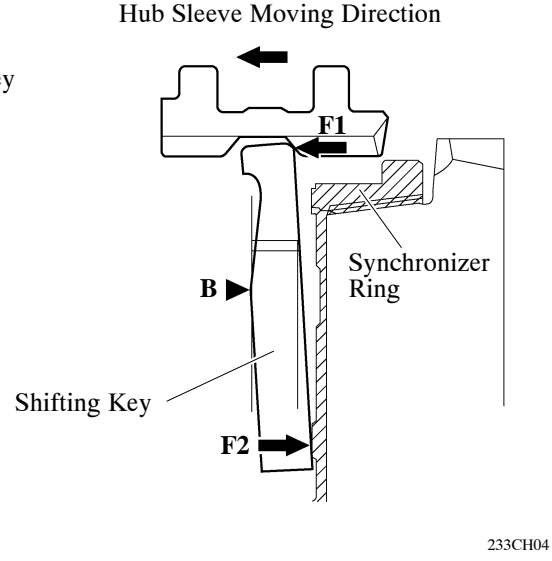
- While shifting into 5th, the 2 shifting keys move in unison with the hub sleeve (F1). With "A" acting as the fulcrum, the 2 shifting keys move to push the synchronizer ring only for the amount of the lever ratio (F2). The shift effort can be reduced only by this amount.





- While shifting into 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 shaft and gear noise is prevented.





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