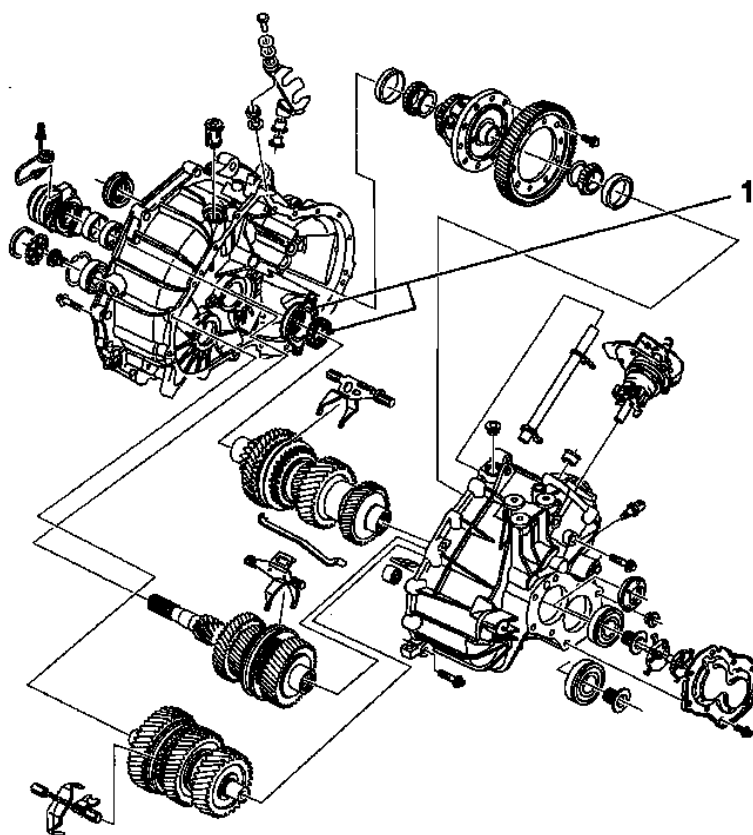


## Bearing, Main Shaft in Clutch Housing, Replace

### 1. Illustration of main shaft bearing

1. Main shaft bearing

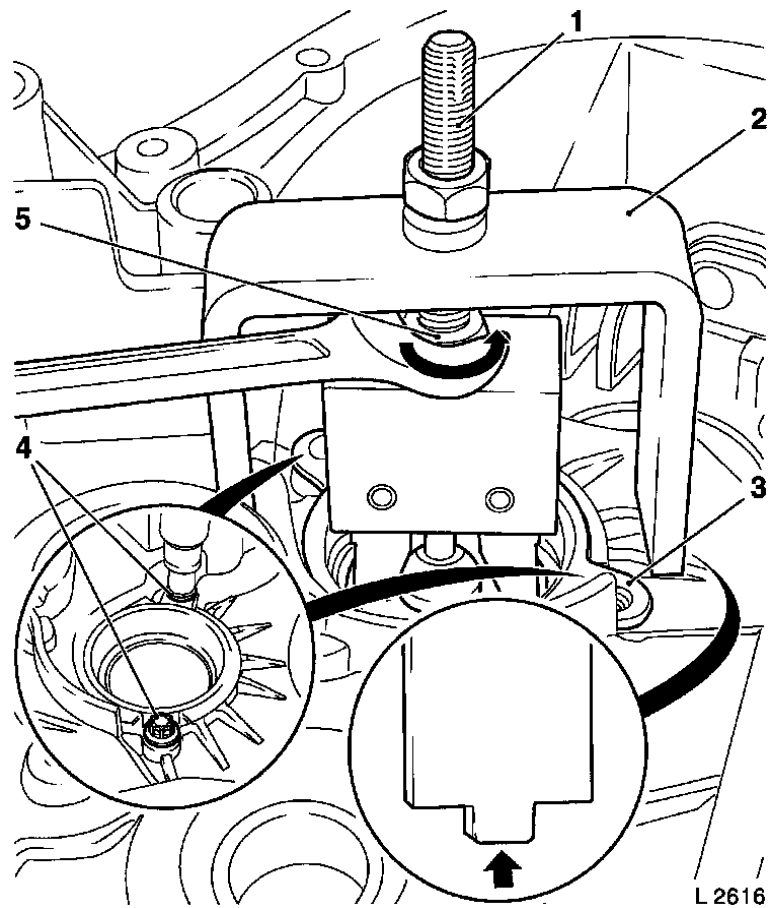


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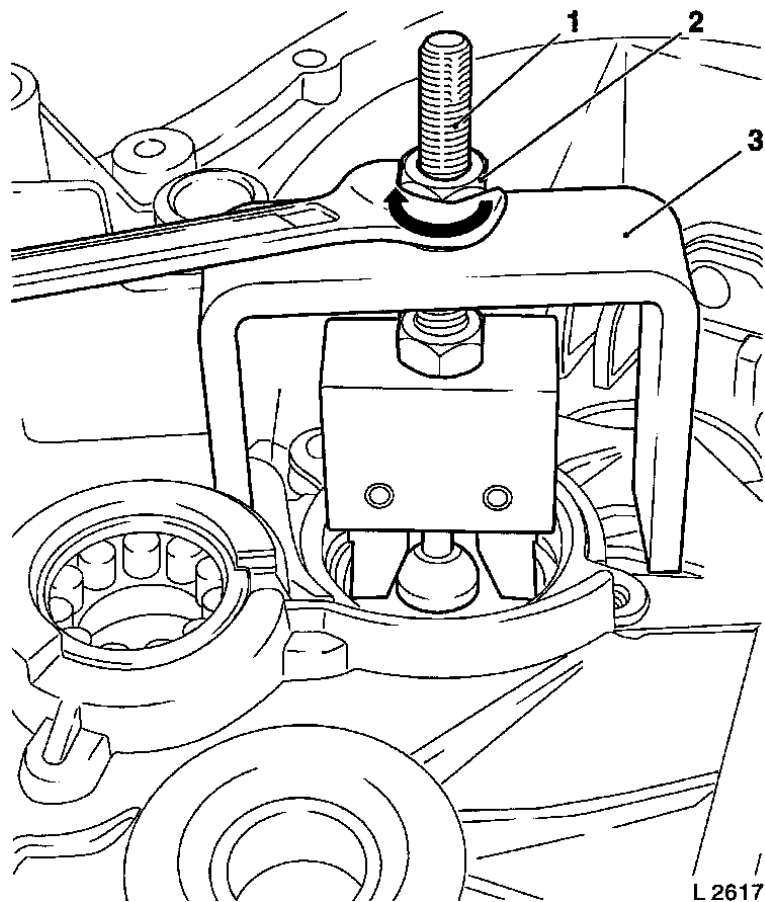
2. Remove transmission from vehicle- see operation "Transmission, Remove and Install"
3. Disassemble transmission - see operation "Transmission, Seal Completely"

**Important:** When replacing main shaft bearing ring, also replace roller bearing on main shaft

4. Remove 2x bolt (4)
5. Insert **KM-6110** (2) into bearing ring (3). Lug (arrowed) on **KM-6110** must be seated in clutch housing as shown
6. Spread **KM-6110** by tightening nut (5) in bearing ring; at same time, counterhold spindle (1)



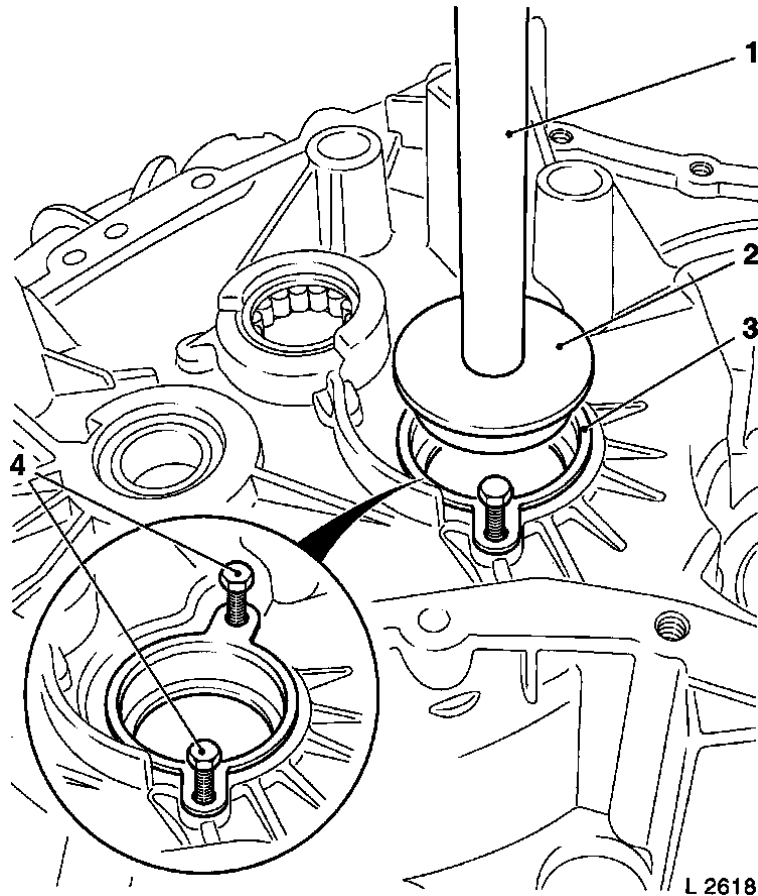
7. Counterhold spindle (1) of **KM-6110** (3), then pull bearing ring out of clutch housing by turning nut (2)
8. Clean all removed parts and check for wear and damage; replace if necessary



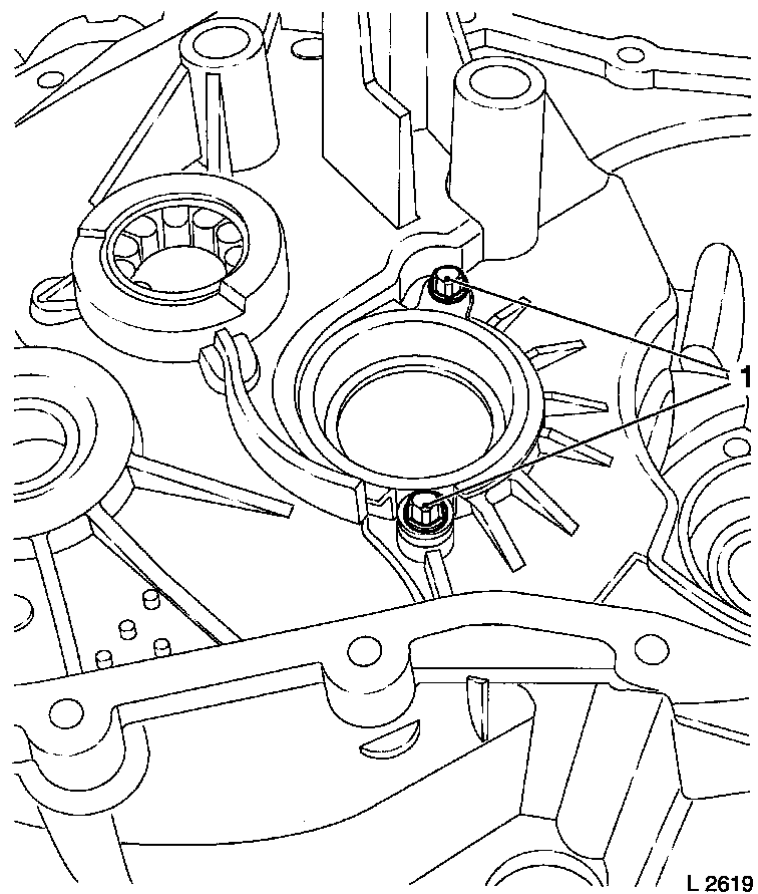
9. Clean thread in clutch

housing

10. Insert bearing ring (3) in clutch housing and position with 2x bolt M6 x 35 (4)
11. Drive bearing ring flush into clutch housing with **KM-6111** (2) in conjunction with **KM-523-1** (1)



12. Remove 2x bolt M6 x 35
13. Install 2x bolt (1) **10 Nm**
  - Coat with locking compound



14. Assemble transmission- see operation "Transmission, Seal Completely"

15. Install transmission to vehicle - see operation "Transmission, Remove and Install"