

# SERVICE INFO



## Instructions for removing the 7-speed direct-shift gearbox 0AM with dry double clutch

**Manufacturers:** Audi, Seat, Škoda, VW

**Models:**

**Audi:** A3, A3 Cabriolet  
**Seat:** Altea, Ibiza, Leon, Toledo  
**Škoda:** Octavia, Superb  
**VW:** Golf, Golf Variant, Touran

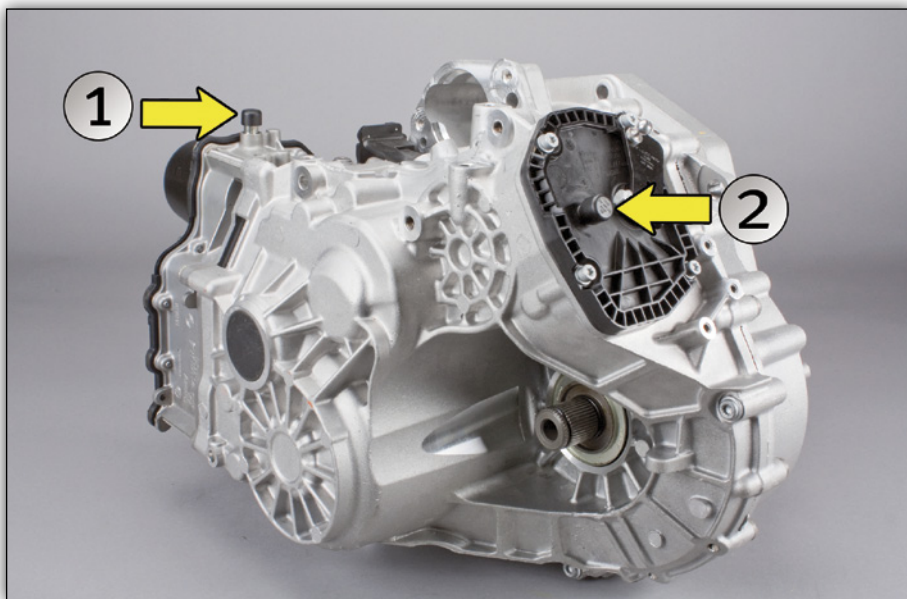
**Model year:** From 2008

**Engines:** 1.2 TSI, 1.4, 1.4 TSI, 1.4 TSI EcoFuel, 1.6, 1.6 TDI, 1.8 TSI, 1.8 TSFI, 1.9 TDI

**DMF part no.:** 415 0497 09, 415 0500 09, 415 0503 09, 415 0506 09, 415 0509 09, 415 0512 09, 415 0515 09, 415 0531 09

**LuK RepSet®2CT part no.:**

602 0001 00  
602 0002 00



**Image 1:** Direct-shift gearbox with venting caps for mechatronics (1) and gearbox (2)

In order to replace the dual mass flywheel (DMF) or double clutch, the direct-shift gearbox must be removed. Removing it may cause oil to leak from the two separate systems (gearbox/mechatronics). The mechatronic unit does not allow for the oil to be topped up or the oil level to be checked. If the oil level is incorrect, serious functional problems will arise in the gearbox controller that can only be eliminated by replacing the entire mechatronic unit.

In order to prevent oil being lost when removing and replacing the gearbox, every LuK DMF and LuK RepSet®2CT includes two sealing plugs. These plugs must be fitted when the gearbox is installed in the vehicle; they are fitted in place of the black venting caps for the mechatronics and gearbox (see figure 1). After installation is complete, both sealing plugs must be removed and the venting caps must be refitted.

**Note:**

Do not use impact drivers when working on the DMF!  
Check the needle bearing in the crankshaft!



Note the specifications of the vehicle manufacturer!

**Attention:**

When removing the gearbox, the mechatronic venting device **must** be sealed so that it is oil-tight!



**Image 2:** Sealing plugs

Appropriate spare parts can be found in our on-line catalogue at [www.Schaeffler-Aftermarket.com](http://www.Schaeffler-Aftermarket.com) or in RepXpert at [www.RepXpert.com](http://www.RepXpert.com).

Any reference to replacement part numbers for vehicle manufacturers is for comparison purposes only.

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Subject to technical changes

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