



LuK Service Info



LuK special tool 400 0540 10

Tool adaptation due to new dual clutch variants

Manufacturer: VW Group

Gearbox: DQ 380/81
DQ 500

Part no.: 400 0540 10
400 0620 10
602 0036 00
602 0039 00

See parts catalog for current assignment

For some high-performance vehicles with the gearboxes listed above, the design of the dual clutch may differ from conventional versions. The differences include a modified housing design and more robust power transmission. Due to the geometric deviations of this dual clutch, removal and installation is no longer possible using some parts from the previous LuK special tool kit 400 0540 10 (Figure 2). This is why all new LuK special tool kits are now equipped with modified or additional tools.

Adjustment 1:

A distinguishing feature of the optimized dual clutch variant is the driving disk with circular openings (Figure 1). The previous retaining bolt for the DQ 380/81 and DQ 500 gearboxes (1 in Figure 2) does not fit this version. A modified retaining bolt must be used for assembly. This is now also included in every new LuK special tool kit 400 0540 10.



Figure 1: Driving disk with circular openings



Figure 2: Previous LuK special tool kit 400 0540 10

Adjustment 2:

On the optimized dual clutches, the dimensions of the toothing and of the guide pin (Figure 3) on the driving disk have also been adapted. Together, these are now 10 mm longer than the usual versions. Due to the insufficient depth of the previous collet (2 in Figure 2), the toothing of the driving disk cannot be clamped here. A collet with a greater working depth is therefore required. This is now included in every new LuK special tool kit 400 0540 10.

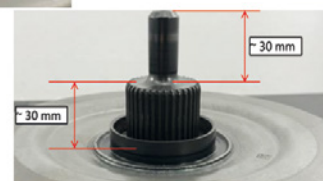
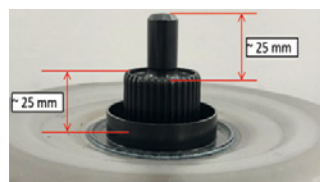


Figure 3: Modified dimensions of the gearing and the guide pin

Note:

The new LuK special tool kit can be identified by the three retaining bolts (previously two) and the longer collet provided. Garages with an older LuK special tool kit can update this by ordering the new retaining bolt and the modified collet as a supplementary kit using part number 400 0620 10.

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