

SAAM Systematic Repair Approach LuK RepSet 2CT – Repair Procedures

SCHAEFFLER

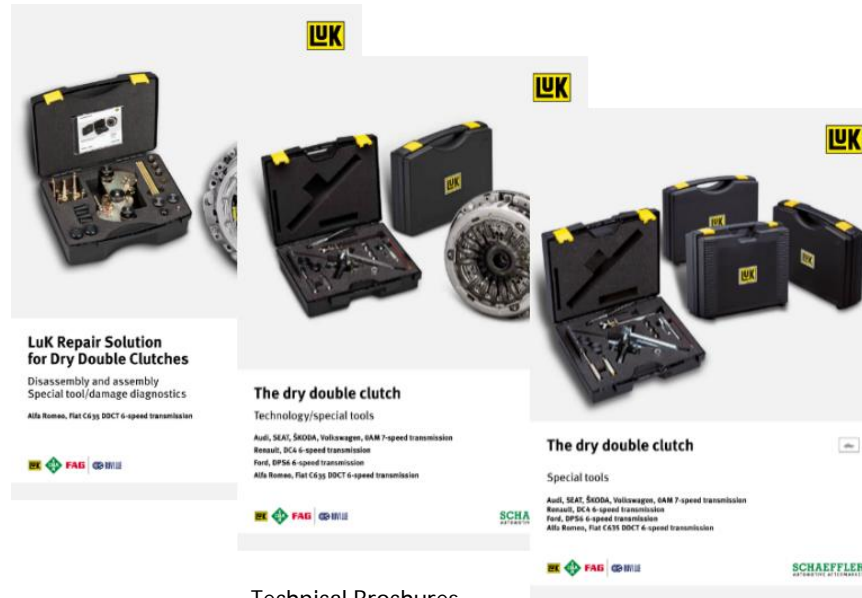
The replacement of a dry double clutch is not comparable to a conventional clutch repair.

Special tools are required for removal, re-assembly, measuring and adjusting the system - diagnostic equipment is required to train the system after installation.

Schaeffler Automotive Aftermarket develops and offers the necessary tools and repair procedures for the professional double clutch replacement and educates mechanics with technical seminars on the professional repair and handling of these new clutch technologies.



Basic Special Tool



Technical Brochures



Technical DVD

The repair procedure and required tools differ for each dry double clutch repair solution!

Work on the dry double clutch system must always be carried out using appropriate special tools. This ensures professional repairs and prevents damage to the clutch and transmission.

Schaeffler Automotive Aftermarket offers a future-proof tool system for correct assembly / disassembly. It has a modular design and consists of a basic tool kit and several vehicle specific tool kits. The range of tools can be easily adapted to new and future double clutch systems. This enables tools to be put together as required.



These LuK RepSet 2CT
Special Tools are available:

- Basic Tool
- Volkswagen Tool
→ for Audi, SEAT, ŠKODA,
Volkswagen
- Renault, Ford, Hyundai & Kia Tool
- FIAT Tool
- Reset Tool
→ for Renault, Ford, Hyundai & Kia

The repair of a double clutch transmission is complex and not possible without special tools!

With the introduction of the second dry double clutch repair solution Schaeffler Automotive Aftermarket also introduced the modular special tool system for the professional dry double clutch repair. It reduces complexity and offers affordable pricing for special tools and possibility for specialization.

All special tools contain a DVD with technical brochures and installation videos:

- ▶ Modular structure of brochures and installation videos
- ▶ Design and operating principle
- ▶ Assembly and disassembly (vehicle specific)
- ▶ Multilingual

Basic LuK Special Tool - 400 0418 10

- is required for most applications
- is the base of the modular LuK Special Tool system
- is used together with an application specific LuK Special Tool
- Not required for the repair of the FIAT FPT C635 transmission



Volkswagen / Audi / Seat / Skoda LuK Special Tool - 400 0419 10

- vehicle specific for VW OAM transmissions with dry double clutches
- for generation I (→ 05/2011) and generation II (06/2011 →) OAM transmissions
- to be used together with the Basic LuK Special Tool



LuK RepSet 2CT – Modular Special Tool System

Ford 1.0l / Hyundai / Kia / Renault LuK Special Tool - 400 0470 10

- vehicle specific for the dry double clutch transmissions:
 - Renault DC4
 - Hyundai / Kia DGF1
 - Ford DPS6 with 1.0l engines
- to be used together with the Basic LuK Special Tool.
- When re-using the double clutch the reset tool is required



Fiat / Alfa Romeo LuK Special Tool - 400 0471 10

- vehicle specific for Fiat / Alfa Romeo 6-speed dry double clutch transmission FPT C635
- Basic LuK Special Tool NOT required.
- When not replacing the DMF must be reset using the reset tool.



Ford 1.6l + 2.0l LuK Special Tool - 400 0427 10

- vehicle specific for Ford 1.6l and 2.0l gasoline engines with DPS6 6-speed transmission
- to be used together with the Basic LuK Special Tool.
- When re-using the double clutch the reset tool is required (0425 10)



Reset Tool - 400 0425 10

- to reset the transport lock (only required when reinstalling the removed double clutch)
- not required when a new double clutch is installed
- applicable for the Renault, Hyundai and Ford double clutch transmissions



LuK RepSet 2CT – Modular Special Tool System

Original LuK Special Tool VW 0AM - 400 0240 10

- can only be used for VW 0AM gen. I transmissions built until May 2011.
- adding the supplemental LuK Special Tool equals having the new basic LuK Special Tool and the new modular LuK Special Tool for VW (Gen. I+II)
- no longer available → replaced by new Basic LuK Special Tool + new VW LuK Special Tool



VW Extension LuK Special Tool - 400 0420 10

- supplemental LuK Special Tool for the original LuK Special Tool VW 0AM
- for customers who already own the original LuK Special Tool / 400 0240 10
- together with the original LuK Special Tool VW 0AM the contents of the two special tools correspond to the new Basic LuK Special Tool + the vehicle specific VW LuK Special Tool



Original Renault LuK Special Tool - 400 0423 10

- the original vehicle specific special tool can only be used for Renault DC4 transmission with dry double clutches
- no longer available → replaced by combined vehicle specific LuK Special Tool for Ford 1.0I / Hyundai / Kia / Renault - 400 0470 10



Extension LuK Special Tool - 400 0520 10

- supplemental tool for the original Renault DC4 LuK Special Tool
- for customers who already own the Renault DC4 vehicle specific LuK Special Tool - 400 0423 10
- together with the original Renault LuK Special Tool the contents equal the new Ford 1.0I / Renault / Hyundai / Kia LuK Special Tool - 400 0470 10

