

**LuK Drivetrain Program** 

**SCHAEFFLER** 





From our beginning in 1965, LuK has played a leading role in developing ground-breaking drivetrain products. Starting with the revolutionary diaphragm spring clutch, LuK has continued to develop and deliver industry-changing products like the Self Adjusting Clutch (SAC®), the Dual-Mass Flywheel (DMF), the Dry Double Clutch (2CT).

With our focus always on the installer, we introduced the LuK RepSet<sup>®</sup> in 1985. This was the first all-in-one-box, new clutch replacement solution introduced to the aftermarket.



As the needs of the industry evolve through emerging technologies, such as hybrid drivetrains, autonomous vehicles, and E-mobility, LuK will continue to bring innovative products and solutions to the repair market.

For solutions that meet your needs today and tomorrow, count on Schaeffler.



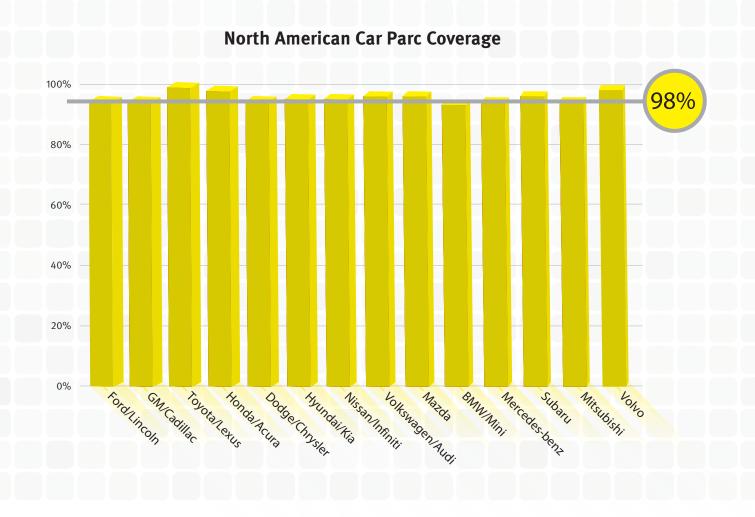


With its brands LuK and INA, Schaeffler is a leading global automotive supplier. Schaeffler is driven by a strong commitment to deliver creative solutions, support, and state-of-the-art technology and manufacturing. LuK, INA, and Schaeffler have earned their place as engineering partners and suppliers for nearly every original-equipment vehicle manufacturer worldwide. Top quality, outstanding technology, and exceptionally innovative spirit form the basis for the continued success of the company.

Schaeffler Automotive Aftermarket has an equally strong heritage as a systems innovator in the replacement market, developing unique products and solutions engineered to provide flawless performance, unbeatable durability and high customer satisfaction.

Operating 170 locations in 50 countries, Schaeffler has a worldwide network of manufacturing locations, research and development centers, sales companies, engineering offices, and training centers. With over 92,000 employees throughout the world, Schaeffler is proud to be one of the largest family-owned European technology companies.

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# Research conducted with leading distributors and technicians shows that customers prefer:

- Premium products from an experienced OE manufacturer
- Comprehensive, full-range programs
- Availability and established distribution network
- Complete repair solutions

Schaeffler is pleased to offer the comprehensive LuK drivetrain program, including more than 1,800 SKU's for both domestic and import applications. LuK is the most trusted brand amongst distributors and technicians.





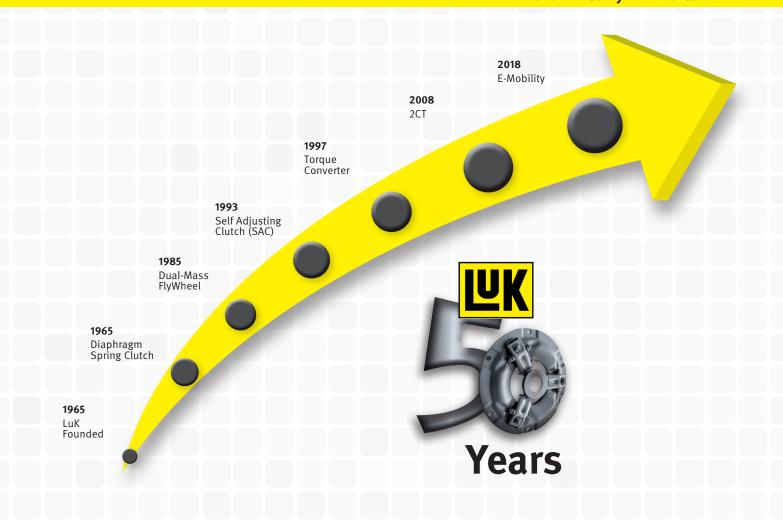






LuK, a company rich in tradition, has been a leading original equipment supplier to automobile manufacturers for over 50 years. Our drivetrain portfolio includes both manual and automatic transmission components.

As an OE manufacturer, we are committed to bringing the same quality and repair solutions to the automotive aftermarket.



# **LuK Self Adjusting Clutch (SAC)**



The Self Adjusting Clutch was designed and patented by LuK to keep pedal effort low over the life of the clutch. In addition to increasing driver comfort, the SAC design extends the life of the clutch.

# **LuK Dual-Mass Flywheel (DMF)**



LuK engineered and developed the dual-mass flywheel to absorb engine vibrations before they are transmitted to the driveline. When torque spikes occur, the DMF allows the primary section of the flywheel to turn independently from the secondary section, saving the driveline and transmission from damage.

### **LuK RepSet:**

For over thirty years, technicians have staked their reputation - and their customers' satisfaction - on genuine LuK RepSet clutch and clutch system components. Each LuK RepSet is 100% functionally tested, guaranteed to meet OEM performance specifications, and contains everything you need to get the job done right: new clutch, disc, and related components.



### LuK RepSet 2CT:

The first repair solution for dry double clutch systems in the North American Automotive Aftermarket – includes all parts for a professional replacement. The LuK RepSet 2CT includes the double clutch module, the actuating mechanism and all the necessary mounting parts making it the only product of its kind for independent garages. All parts are precision-tuned to work perfectly together.





# **LuK Conventional Flywheels:**

LuK Conventional Flywheels are all new – never remanufactured – and engineered and made to OE specifications. LuK Conventional Flywheels are precision-machined from premium grade cast iron, they have a superior quality friction surface, and excellent heat-absorbing capacity.





LuK has manufactured over 150 million DMF's worldwide since its inception in 1985. The Dual-Mass Flywheel absorbs engine vibrations before they are transmitted to the driveline where they can create gear rattle and damage. The primary section dampens, isolates engine vibrations and prevents engine torque spikes from damaging the transmission.

# **LuK Hydraulics:**

LuK has played a crucial role in the development from mechanical to hydraulic clutch release systems. Over many years, Schaeffler has gained extensive expertise in the complete clutch release systems.



# LuK Hydraulic Clutch Release System (CRS):

LuK has played a crucial role in the development from mechanical to hydraulic clutch release systems. Over many years, Schaeffler has gained extensive expertise in clutch release systems. Resolve hard-to-bleed applications and reduce repair time by using a LuK pre-filled complete hydraulic system. Save time, money, and reduce comebacks.





#### **LuK GearBOX:**

Each LuK GearBOX contains the necessary bearings required for a professional transmission repair, everything in first-class OE quality. These are among the components that operate under the toughest conditions and should be replaced every time a transmission needs repair.





In modern Continuously Variable Transmissions (CVT), the chain transmits the power from one pulley to the other. Thanks to a design that has been optimized down to the last detail, CVT chain technology from Schaeffler is setting the standard in terms of torque capacity and efficiency. The LuK RepSet CVT offers excellent driving comfort due to smooth transmission changes (no shifting between gears), low fuel consumption due to large gear ratio, and excellent driving dynamics.

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