

# Our training modules at a glance:



## Module 1

### Basic Functions of the Products

- Brief outline of the function (e.g. using sectional views or animated graphics)
  - Description of the basic function
  - Wear-induced variations of the actuation and functional characteristics

### Types of Construction

- Summary of the different types of construction
- Latest trends in technology

### Special Tools

- Overview of the scope of available special tools

### Catalogue Training

- Print catalogue / Online catalogue / TecDoc
  - Catalogue structure
  - The LuK-AS part number
- How to correctly place an order
  - Delineation by year of manufacture
  - Engine and transmission codes
  - Delineation by VIN number
  - Type code
- Description of the supplementary listings
  - Numeric listing
  - List of components
  - Cross-reference lists

## Module 2

### Product and System Structure

- Detailed description of the products
  - Functioning of the inner mechanisms
  - Functional interplay between the single system components

### Function of the individual components

- Detailed description of the function (e.g. using sectional views or animated graphics)
  - Description of the basic function
  - Wear-induced variations of the actuation and functional characteristics

### Types of Construction

- Summary of the different types of construction
- History of technological further development
- Latest trends in technology

### General Interference Factors

- Factors impairing the parts function
- Factors impairing the parts durability
- Preventive measures

### Damage Assessment

- Pictures of damaged components
- Cause of the damage
- Preventive measures

## Module 3

### Product and System Structure

- Detailed description of the products
  - Functioning of the inner mechanisms
  - Functional interplay between the single system components

### Function of the individual components

- Detailed description of the function (e.g. using sectional views or animated graphics)
  - Description of the basic function
  - Wear-induced variations of the actuation and functional characteristics

### Types of Construction

- Summary of the different types of construction
- History of technological further development
- Technical innovations

### Vehicle-specific information

- Manufacturer and/or model specific instructions for mounting and dismounting
- Supplementary components to be used (e.g. pilot bearing, fixing clamps ...)

### General Interference Factors

- Factors impairing the parts function
- Factors impairing the parts durability
- Preventive measures

### Damage Assessment

- Pictures of damaged components
- Cause of the damage
- Preventive measures

### Special Tools

- Overview of the scope of available special tools
- Use of special tools

### Catalogue Training

- Print catalogue / Online catalogue / TecDoc
  - Catalogue structure
  - The LuK-AS part number
- How to place orders correctly
  - Delineation by year of manufacture
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- Description of the supplementary listings
  - Numeric listing
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  - Cross-reference lists

# Overview of the Training Contents:



	Modules:		
	1	2	3
<b>Clutch and Release Systems</b>			
Clutch I	✓	✓	✓
• Clutch Technology Basics			
• Release Systems (mech. and hydr.)			
Clutch II	✓	✓	
• Self-Adjusting Clutch (SAC)			
• Release Systems (mech. and hydr.)			
• Dual Mass Flywheel (DMF)			
• Damped Flywheel Clutch (DFC)			
Automated Transmissions	✓		
• XSG Family (EKM, USG, PSG, ESG)			
• Automated Shifting Gearbox (ASG)			
• Continuously Variable Transmission (CVT)			



	Modules:		
	1	2	3
<b>Engine Applications</b>			
Engine I	✓		
• Valve Drive Components			
• Chain Drive Components			
• Camshaft Control (Chain Drive)			
Engine II	✓	✓	
• Belt Drive Components (Timing and Auxiliary Drives)			
• Overrunning Alternator Pulley			
• Camshaft Control (Toothed Belt Drive)			



	Modules:		
	1	2	3
<b>Wheel Bearings</b>			
Wheel Bearings	✓	✓	✓

- Module 1** Basic function of the products  
Types of construction  
Special tools  
Catalogue training
- Module 2** Product and system structure  
Function of the single components  
Types of construction  
General interference factors  
Damage assessment
- Module 3** Product and system structure  
Function of the single components  
Types of construction  
Vehicle-specific information  
General interference factors  
Damage Assessment  
Special tools  
Catalogue training