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LUK 01-035

LUK 01-035 Clutch Set Instruction Manual

Model: 01-035

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1. INTRODUCTION TO THE LUK 01-035 CLUTCH SET

The LUK 01-035 Clutch Set is a comprehensive replacement solution designed to meet original equipment manufacturer (OEM) performance specifications for various vehicle applications. This set includes all necessary components for a complete clutch system replacement, ensuring reliable and efficient power transmission.

LUK products are developed and manufactured with a focus on seamless integration and flawless execution, providing components that are 100% functionally tested to ensure durability and operational safety.



Image 1.1: The LUK 01-035 Clutch Set, displaying the pressure plate, clutch disc, release bearing, pilot bearing, and alignment tool.

2. SETUP AND INSTALLATION

Installation of the LUK 01-035 Clutch Set requires specialized automotive knowledge and tools. It is recommended that installation be performed by a certified technician to ensure proper function and safety.

2.1 Pre-Installation Checks

- Verify that the LUK 01-035 Clutch Set is the correct part for your specific vehicle application.
- Inspect all components for any signs of shipping damage.
- Ensure all necessary tools and safety equipment are available.

2.2 Installation Steps (Overview)

1. Safely lift and secure the vehicle.
2. Remove the transmission according to vehicle manufacturer specifications.
3. Remove the old clutch components (pressure plate, clutch disc, release bearing, pilot bearing).
4. Clean the flywheel and inspect for wear or damage. Resurface or replace if necessary.
5. Install the new pilot bearing.
6. Using the alignment tool, install the new clutch disc and pressure plate, ensuring proper centering.
7. Install the new release bearing.
8. Reinstall the transmission, ensuring proper engagement.
9. Bleed the hydraulic clutch system if applicable.
10. Perform functional checks before returning the vehicle to service.

The package of clutch replacement components contains everything you need to get the job done right, a new clutch, disc, and related components for drive train replacement.



Image 2.1: The LUK RepSet packaging, indicating a complete clutch replacement solution. A mechanic is shown inspecting the underside of a vehicle, emphasizing the professional nature of installation.

Seamless integration ensures flawless execution of product from start to finish.



**The images are representation of our Repsets and not the actual product.

Image 2.2: LUK clutch components alongside a mechanic performing diagnostics with a laptop, illustrating the precision and technical expertise involved in modern automotive service.

3. FUNCTIONALITY AND PERFORMANCE CHARACTERISTICS

The LUK 01-035 Clutch Set is engineered for optimal performance, providing smooth engagement, efficient power transfer, and extended service life. Each component is designed to work in harmony to deliver a consistent and reliable driving experience.

- **OEM Performance:** Every LUK product is 100% functionally tested to meet OEM performance specifications, ensuring it performs as well as or better than the original part.
- **Vehicle Specific Design:** As an original-equipment supplier, LUK develops performance specifications tailored for individual vehicle applications, guaranteeing a precise fit and optimal function.
- **Flawless Execution:** Components are engineered and manufactured for flawless performance, contributing to the overall reliability of the vehicle's drivetrain.

- **Vehicle Specific Fit:** Designed for specific vehicle models, ensuring compatibility and ease of installation.



MEETS OEM
STANDARD



STABLE



DURABLE



OPERATIONAL
SAFETY

Image 3.1: Two automotive technicians working on a vehicle, highlighting the product's adherence to OEM standards, stability, durability, and contribution to operational safety.

4. MAINTENANCE

A properly installed LUK 01-035 Clutch Set requires minimal routine maintenance beyond regular vehicle service intervals. However, periodic inspection of the clutch system can help identify potential issues early.

4.1 Inspection Guidelines

- During routine vehicle inspections, check for any signs of fluid leaks around the clutch master cylinder, slave cylinder, or transmission bell housing.

- Listen for unusual noises (e.g., grinding, squealing) when engaging or disengaging the clutch pedal.
- Monitor clutch pedal feel for any changes, such as excessive stiffness, sponginess, or a change in engagement point.
- Inspect the clutch hydraulic lines for wear or damage.

If any issues are detected, consult a qualified automotive technician for diagnosis and repair.

5. TROUBLESHOOTING COMMON ISSUES

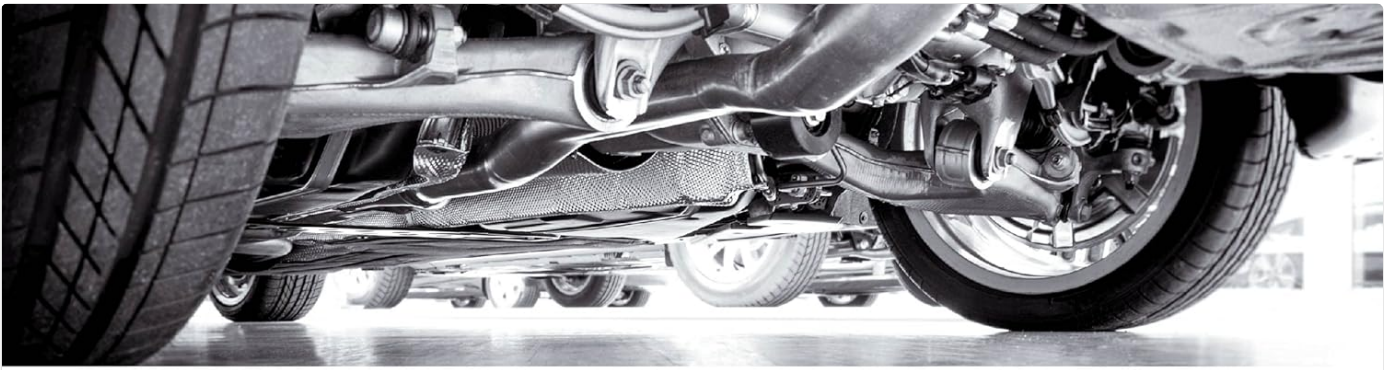
This section addresses common symptoms that may indicate an issue with the clutch system. Note that these are general guidelines, and professional diagnosis is always recommended.

Symptom	Possible Cause	Recommended Action
Clutch slipping (engine RPM increases but vehicle speed does not)	Worn clutch disc, oil/grease on clutch disc, weak pressure plate, improper adjustment.	Inspect clutch components for wear or contamination. Adjust clutch linkage if applicable. Professional inspection recommended.
Difficulty shifting gears (grinding, hard to engage)	Clutch not fully disengaging, hydraulic system issues (low fluid, air in lines, faulty slave/master cylinder), worn synchronizers.	Check clutch fluid level and bleed hydraulic system. Inspect slave and master cylinders. Professional diagnosis is crucial.
Clutch pedal feels soft or spongy	Air in hydraulic lines, faulty master or slave cylinder, fluid leak.	Bleed hydraulic system. Inspect for leaks. Replace faulty hydraulic components.
Unusual noises (squealing, grinding, chattering)	Worn release bearing, pilot bearing, pressure plate, or clutch disc. Flywheel issues.	Professional inspection to identify the source of the noise. Component replacement may be necessary.

6. PRODUCT SPECIFICATIONS

The following specifications pertain to the LUK 01-035 Clutch Set:

- **Brand:** LUK
- **Model:** 01-035
- **Item Model Number:** 01-035
- **Manufacturer Part Number:** 01-035
- **Product Dimensions:** 52.6 x 35.5 x 12.4 cm (approximately 20.7 x 14.0 x 4.9 inches)
- **Item Weight:** 9.24 kg (approximately 20.37 lbs)
- **Fit Type:** Vehicle Specific
- **Functionality:** 100% functionally tested to meet OEM performance specifications.

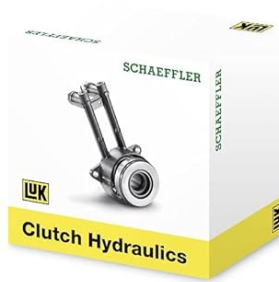


Each LuK RepSet is 100% functionally tested, guaranteed to meet OEM performance specifications, and contains everything you need to get the job done right: new clutch, disc, and related components.

Additional Portfolios



DMF



Clutch Hydraulics



LuK Gearbox



LuK RepSet 2CT

Image 6.1: View of a vehicle's underside, symbolizing the application of the clutch set, accompanied by the LUK RepSet packaging and information on additional LUK product portfolios like DMF, Clutch Hydraulics, GearBOX, and RepSet 2CT.

7. WARRANTY AND SUPPORT

LUK products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the documentation included with your product or contact LUK customer support directly.

7.1 Customer Support

For technical assistance, installation inquiries, or warranty claims, please contact LUK customer support through their official website or authorized distributors. Ensure you have your product model number (01-035) and purchase information available when contacting support.



