

Exedy KJP01

Exedy KJP01 OE Transmission Clutch Kit User Manual

Model: KJP01 | Brand: Exedy

1. INTRODUCTION AND PRODUCT OVERVIEW

The Exedy KJP01 OE Transmission Clutch Kit is a high-quality replacement clutch system designed to restore optimal power transfer and smooth shifting performance in compatible vehicles. This kit includes all necessary components for a complete clutch replacement, ensuring reliability and durability.

Image: Complete Exedy KJP01 OE Transmission Clutch Kit components.

2. WHAT'S IN THE BOX

Each Exedy KJP01 OE Transmission Clutch Kit typically includes the following components:

- **Clutch Pressure Plate:** The component that clamps the clutch disc against the flywheel.
- **Clutch Disc:** The friction component that transmits power from the engine to the transmission.
- **Release Bearing (Throw-out Bearing):** Engages and disengages the clutch.
- **Pilot Bearing/Bushing:** Supports the transmission input shaft.
- **Alignment Tool:** Used to correctly center the clutch disc during installation.
- **Grease Packet:** For lubrication of specific components during installation.

Image: All components included in the Exedy KJP01 OE Transmission Clutch Kit.

3. SPECIFICATIONS

Specification	Value
Model Number	KJP01

Manufacturer	Exedy
Clutch Disc Diameter	228 MM (9 inches)
Clutch Disc Hub Diameter	25.4 MM
Clutch Disc Spline Quantity	24
Item Weight	14.4 pounds
Product Dimensions	137.8 x 482.28 x 511.81 inches
Exterior Finish	Machined

4. SETUP AND INSTALLATION

Installation of a transmission clutch kit requires specialized tools, technical knowledge, and experience. It is highly recommended that this product be installed by a certified professional mechanic to ensure proper function, safety, and to prevent damage to the vehicle or the clutch kit itself.

General Guidelines:

- **Safety First:** Always follow all safety precautions, including wearing appropriate personal protective equipment (PPE) and working in a well-ventilated area.
- **Vehicle-Specific Manual:** Refer to your vehicle's specific service manual for detailed removal and installation procedures, torque specifications, and any special tools required.
- **Component Inspection:** Before installation, inspect all new components for any shipping damage. Also, inspect related vehicle components such as the flywheel, crankshaft seal, transmission input shaft, and slave cylinder for wear or damage and replace as necessary.
- **Cleanliness:** Ensure all mating surfaces (flywheel, pressure plate, bell housing) are clean and free of oil, grease, or debris.
- **Lubrication:** Apply a thin coat of the provided grease to the splines of the transmission input shaft and the clutch disc hub, as well as the pivot points of the release fork and the contact points of the release bearing.
- **Clutch Alignment:** Use the supplied alignment tool to correctly center the clutch disc with the pilot bearing/bushing before tightening the pressure plate bolts.

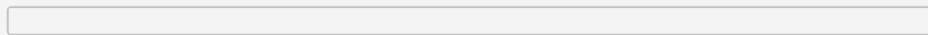


Image: An Exedy clutch assembly, highlighting the precision engineering.

5. OPERATING INSTRUCTIONS

Once installed, the Exedy KJP01 OE Transmission Clutch Kit operates as a critical component of your vehicle's drivetrain, enabling the smooth engagement and disengagement of power from the engine to the transmission. Proper operation relies on the driver's interaction with the clutch pedal.

Clutch Break-in Period:

After a new clutch installation, a break-in period is recommended to allow the friction surfaces of the clutch disc and flywheel to properly seat. During this period (typically 500-1000 miles), avoid:

- Aggressive driving, including rapid acceleration or hard braking.
- Heavy towing or hauling.
- Excessive clutch slipping (e.g., holding the vehicle on a hill with the clutch).
- Frequent stop-and-go traffic if possible.

Engage and disengage the clutch smoothly and gradually during this period to ensure optimal longevity and performance.

6. MAINTENANCE

While the clutch kit itself is designed for long-term performance, its lifespan is significantly influenced by driving habits and the condition of related components. Regular maintenance of your vehicle's transmission and hydraulic system can help prolong clutch life.

Tips for Clutch Longevity:

- **Avoid Riding the Clutch:** Do not keep your foot on the clutch pedal unless actively shifting gears. This causes unnecessary wear.
- **Proper Shifting:** Ensure the clutch pedal is fully depressed when shifting gears and fully released when driving.
- **Neutral at Stops:** When stopped for more than a few seconds, shift into neutral and release the clutch pedal.
- **Fluid Checks:** For hydraulic clutch systems, regularly check and maintain the clutch fluid level and condition as per your vehicle's service manual.
- **Address Issues Promptly:** Any unusual noises, smells, or changes in clutch pedal feel should be investigated by a qualified mechanic immediately.

7. TROUBLESHOOTING

If you experience issues with your clutch system after installation, consider the following common problems and potential causes. Note that these are general guidelines, and professional diagnosis is recommended.

Symptom	Possible Cause(s)
Clutch Slipping (Engine RPM increases but vehicle speed does not)	Worn clutch disc, oil/grease on friction surfaces, weak pressure plate, improper clutch adjustment.
Clutch Chattering/Shuddering (Vibration during engagement)	Warped flywheel, worn clutch disc, oil/grease on friction surfaces, worn engine/transmission mounts, improper installation.
Hard Shifting/Grinding Gears	Clutch not fully disengaging (dragging), air in hydraulic system, worn pilot bearing, worn synchronizers in transmission.
Clutch Pedal Issues (Too soft, too hard, no resistance)	Air in hydraulic system, faulty master or slave cylinder, broken clutch cable (if applicable), worn release bearing.

If troubleshooting steps do not resolve the issue, or if you are unsure about the cause, consult a qualified automotive technician.

8. WARRANTY AND SUPPORT

Legal Disclaimer:

EXEDY Globalparts Corporation (USA) is a wholly owned subsidiary of the EXEDY Corporation of Japan. EXEDY (Japan) was founded in 1923 and its clutch manufacturing business and prominent brand name Daikin Clutch are known throughout the world for supplying quality powertrain products. Our pursuit of perfection and the assurance of safety underlie our famed quality and reliability.

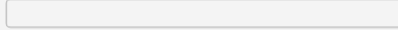


Image: Exedy corporate logo.

Product Support:

For specific warranty information, technical support, or inquiries regarding your Exedy KJP01 OE Transmission Clutch Kit, please refer to the official Exedy website or contact Exedy customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can find more information and contact details on the official Exedy website: www.exedyusa.com

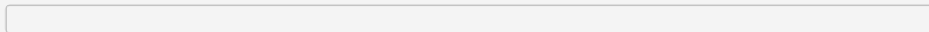


Image: Exedy corporate building.