



AFTERMARKET

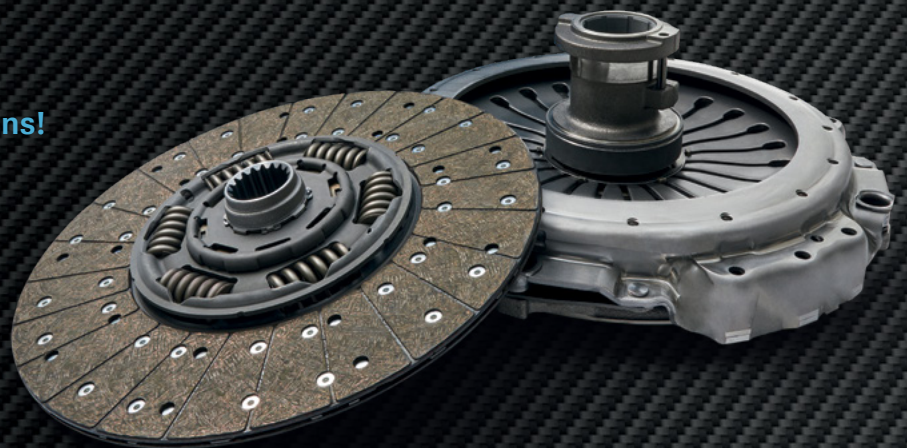
SACHS FOR ASIAN COMMERCIAL VEHICLE

As the world's leading OE supplier of commercial vehicle clutches for vehicles weighing over 6 tons, SACHS is a long-term partner for major heavy-duty commercial vehicle brands in Europe, America, Japan, Korea, and China. SACHS has sold over 170 million clutches, clutch kits and clutch plates globally with all products tested with the highest standard giving the best transmission of power to the road. SACHS is the preferred partner for your commercial vehicle needs.

German OEM quality, extensive compatibility, and high product availability. Take advantage of a driving experience with smooth starts, seamless gear shifts, fuel savings, and reduced transmission maintenance rates.

*For trucks weighing 6 tons and above

SACHS, performance meets expectations!



PROVEN PERFORMANCE



SACHS

ZF COMMERCIAL VEHICLE CLUTCH COMPLETE SOLUTION OFFERING

All types of commercial vehicle mechanical transmissions and automatic mechanical transmissions

	Clutch system	Clutch Actuation
Features	<ul style="list-style-type: none"> • Original German Quality • Vehicle specific customized design • Top-notch laser welding technology • ZF premium material 	<ul style="list-style-type: none"> • Excellent lubrication and sealing design ensure suitability for various complex conditions
USP	<ul style="list-style-type: none"> • Multi-stage damping, long lifespan ensuring gearbox safety • Covers torque up to 3500 Nm • Withstands severe loads, improving start-up comfort • Enhances smoothness in gear shifting, driving comfort • Low deformation, low wear rate, low friction noise 	<ul style="list-style-type: none"> • Long service life • Lightweight, easy installation • Precise & Smooth shifting control
Customer Value & User Experience	<ul style="list-style-type: none"> • Stabilization, smoothness - Addition of aramid and acrylic fibres reduces jitter and improves shift smoothness by increasing the coefficient of friction to improve shift feel, and reduce the shift time and slip time. • Anti-burning sheet - small wear coefficient under light load/heavy load, long product life. The use of high-temperature resistant nitrile rubber and phenolic resin greatly reduces the probability of burn-in compared to ordinary clutches, and the coefficient of friction = 0.2 at a high temperature of 400 degrees Celsius • High-strength springs - Using reinforced spring reduces the probability of spring collapse and improve load carrying capacity 	<ul style="list-style-type: none"> • Reduces maintenance costs • Reduces the number of maintenance parts • High-strength springs - reinforced spring is used to improve the load carrying capacity



RECOMMENDED REPLACEMENT INTERVAL



Manual Transmission for Medium Duty Truck

- Clutch disc 200,000 km
- Clutch Cover 250,000 km
- Release bearing 250,000 km

Manual Transmission for Heavy Duty Truck

- Clutch disc 400,000 km
- Clutch Cover 500,000 km
- Release bearing 500,000 km