



LuK Service Info



TB1001

What are Front PTO Clutches?

This is a dry-type multi-disc clutch, which functions in the same way as any single clutch. Front PTO clutches have a compact construction with high torque capacity. The clutch housing is mounted to the front of the Engine, it is driven at engine speed. Drive is taken directly off the front pulley, normally the drive shaft will incorporate some form of damper. The internally splined sintered discs transmit drive via a cardan shaft to front mounted implements or reduction box.

When engaged the internal sintered multiple discs and separator plates are clamped by a diaphragm spring locking the clutch to transmit torque and drive. The clutch is released by depressing the diaphragm spring fingers via a clutch release bearing, releasing the internal discs and breaking the drive.

