



TB1082

LuK Service Info

What is safety P.T.O?

Application: Tractors from 20 to 95kW.

To include CNH, John Deere, AGCO, Claas Renault & Steyr.

LuK safety PTO clutches perform the same function as a standard LuK dual clutch with two independently actuated clutches in one assembly. In a safety PTO clutch, the PTO lever action works the opposite way to a conventional dual clutch. Depressing the levers forces the pressure plate against the flywheel, trapping the PTO disc and creating drive at the PTO output shaft. The PTO disc is normally held disengaged at all times, and can only be engaged by the operator moving a mechanical lever.

In the event of PTO linkage failure during operation of the tractor, the PTO will automatically fail safe and disengage, also during start up the PTO is held disengaged.

Care must be taken when replacing this type of clutch that the loose PTO disc is correctly located to the engines flywheel. The disc will remain loose after bolting the clutch to the flywheel, the PTO disc spline has a large leading edge to assist correct alignment during tractor reassembly. The PTO disc has locating dowels for centralising the disc within the pressure plate during assembly.



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