



TB1244

SERVICE INFO

Universal clutch fitting instructions and General safety

- Always wear protective clothing (goggles, visor, gloves, footwear etc).
- Care must be taken when disconnecting high pressure hydraulic lines, Air conditioning system. Do not release any gases into atmosphere.
- Contain all released fluids, water, diesel, oils and brake fluids.
- Familiarise yourself with the tractors layout to include – routing and positioning of pipework, cables and linkages.
- Care when lifting heavy clutch components
- Refer to the manufacturers operating handbook.
- Ensure you have the correct components for your vehicle.
- Park tractor on level hard surface
- Apply park brake
- Stop engine
- Leave transmission and PTO in the engaged position
- Chock rear wheels of tractor
- Disconnect Negative side of battery
- Chock front axle
- Remove bonnet / side panels for ease of access
- Disconnect all connections between engine and transmission housing
- Support both front and rear of tractor with suitable splitting kit
- Check balance of tractor (Front weights may be required to be removed)
- Ensure rear and front half's of tractor are level and weight is evenly distributed between splitting kit.
- Push tractor apart to gain access to clutch and release system
- Remove old clutch and release bearings.
- Clean inside of transmission housing, remove any traces of oil.
- The condition of the flywheel wear face is critical
- It must be flat with in 0.01mm across its diameter with no grooves, ridges ect.
- A glazed or polished appearance must be removed by grinding
- If the flywheel is a recessed or potted type ensure that this dimension is re-established within 0.25mm of its original specification.

- For accurate model information please see LuK catalogue
- Die genaue Fahrzeugzuordnung entnehmen Sie bitte dem LuK-Katalog
- Pour plus d'information sur les applications veuillez vous référer au catalogue LuK
- Para obtener información sobre el modelo, rogamos consulte el catálogo de LuK
- Per informazioni sul modello consultare il catalogo LuK

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- Do not alter any register diameter on the flywheel.
- Replace rear engine oil seals and gearbox input shaft seals if the presence of oil is detected.
- Always replace all clutch and flywheel related bearings.
- Check the complete release mechanism and renew worn components.
- Lightly lubricate all sliding parts.
- It is recommended to always replace clutch cables.
- Check gearbox input shaft splines for wear, burring. Clean spline and check that new clutch disc is free moving on its input shaft.
- Ensure that the loose disc is installed correct way around, and it does not foul within the flywheel.
- Use a centring tool whilst tightening the new clutch to the flywheel.
- Tighten the clutch fixing bolts evenly to the flywheel, do not exceed the specified tightening torques.
- Remove any transit bolts or hold down clips.
- The clutch cover lever heights are factory set and must not be altered.
- Check that the three transmission levers are level with each other, carry out same check for the PTO levers, for diaphragm clutches check that the spring fingers are uniform and level.
- Lightly lubricate the gearbox input shaft splines.
- When re-joining the two halves of the tractor, ensure that the gearbox shafts enter the clutch discs hubs correctly. Any attempt to force together may cause irreparable damage to the clutch discs.
- Assemble tractor in reverse order of disassembly
- For hydraulically operated clutches, replace the fluid with the correct specification and bleed system fully.
- Adjust the release bearings free plays
- Set the release pedal height, adjust pedal stops.
- Advise the tractor operator that the new clutch must be "run in" Avoid excessive loadings and clutch slip during the first 20 hours. Do not attempt to test operation of new clutch by stall testing.
- All LuK clutch parts and bearings are guaranteed against premature failure as a result of manufacturing defects

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