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## Changing the Drive-Belts on the Fischer GL4

1. Start the job with leaving the GL4 connected to the 3point linkage on your tractor, **and disconnect the PTO shaft!**
2. Set the swivel arms to closed position - behind the base mower.
3. Remove the pins which attach the hydraulic rams (just the swivel-arm end is really necessary - if more movement is required remove both)
4. Now you can freely move the swivel arm to what ever position is most comfortable to work with.
5. Remove orange safety cover as per maintenance instructions.
6. Loosen (don't take off) the 6 nuts/bolts holding the swivel arm discs as per maintenance procedure (holding bolt-head in place with a 19mm flat spanner, socket underneath).
7. Fully loosen the belt adjustment screw on the far end of the swivel arm
8. Undo the 4 bolts holding the cover over the gearboxes and slide over to one side to get to the gearbox connection sleeve or duplex chain.
9. Remove the safety pin on the connection sleeve of the gearboxes and slide the sleeves towards the centre gearbox - if your machine has a duplex chain connection, remove the pin of the chain-link and take the duplex chain off - you may mark the position of the two sprockets. Do not loose the 3 chain lock links & safety clip.
10. Take off the 4 bolts connecting the gearbox and turn it a bit sideways to create a gap to eventually feed the new belt past the sprockets or gearbox shaft ends.
11. Take off the 8 bolts holding the cover-plate just under the gearbox
12. Lift the slasher with the 3point linkage and lower it onto a slab of wood placing the wood under the middle of the cutting bar - this will lift the gearbox slightly, enough to slide the cover-plate out sideways.
13. Slide the cover-plate (8 bolts) out sideways.
14. Remove the old/damaged drive-belt and clean out the entire belt cavity.

15. Insert the new drive-belt from the gear box end and pass it by the two gearbox shafts or sprockets by turning the gearbox 25° to one side.
16. Make sure that the new belt is sitting correctly on both pulleys.
17. Move the gearbox back in position and square it up with the other gearbox as even as possible
18. **Ensure that the cutting bar (underneath) position is offset as shown in the instruction manual.**
19. Re-connect the sleeve or chain-connection and insert the safety pin or chain lock.  
  
Tip: start reconnecting the chain by folding one side of the duplex chain up to make space to insert the two center chain-lock links - then push it through the other side of the chain insert the outer chain-lock link and fit the safety clip.
20. Re-install the cover plate and tighten up the gearbox.
21. **Use LOCTITE 243 on all bolts**
22. Tighten the new belt as per instruction manual (approx. 1" total play in the middle of the belt length)
23. Tighten the 6 nuts holding the swivel arm disc by removing the nuts **one by one** - insert LOCTITE into the nut and tighten with a 19mm socket set.
24. Re - fit safety covers (LOCTITE) and **greased up** hydraulic ram pins and security screws (LOCTITE)

**Now you know how it's done, you may clean-out and check the belt tension on the other side also (-:**

**If you experience any difficulties, please give us call on 0409 572 581.**

With kind regards

Jurg Muggli