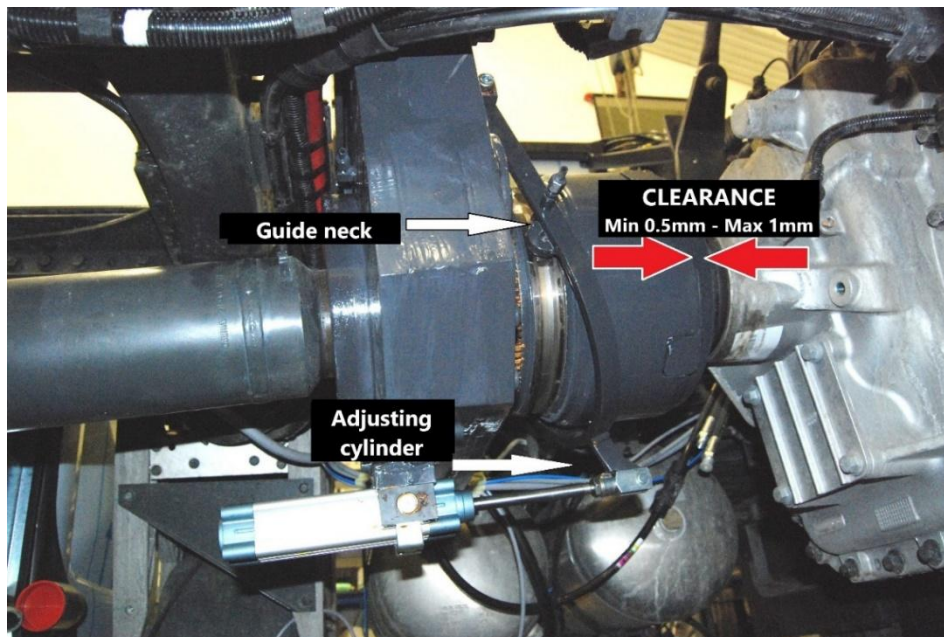


Replacment of guide necks



If the parking brake is not released from the control box, the distance between the claw clutch halves must be checked, if the distance is more than 4-5 mm, the guide necks are worn down and must be replaced.

Note that the position sensor or the air cylinder must not be adjusted to compensate for wear.

- Replacement of guide necks (Spare part no: 1007). Loosen the pin connecting the air cylinder and fork guide. At the top of the fork guide there is an M10 screw in each fork leg, these must be dismantled. Now the fork driver can be dismantled, and the guide necks can be replaced.
- Check that the bearings that hold the guide necks are not loose.
- Reassemble the Fork Guide in reverse order, grease bolts and pin.
- After replacing the guide necks, the air cylinder or position sensor does not need to be adjusted.

Air cylinder replacement

- Start by mounting the cylinder yoke on the cylinder. It should sit with approx. 11-13mm from the bracket to the blue end. Make sure all screws are equally tightened. Check that the air connections are in the correct direction.
- Install the fork bracket with lock nut on the piston rod at about half the thread.
- Lubricate the pins on the cylinder yoke. Attach the bearing brackets to the cylinder yoke pins and screw the cylinder to the gearbox.
- Insert the locking pin in the coupling fork. But don't lock it down just yet. Alternatively fit a bolt instead.
- Activate ReCoDrive and drive in the clutch from the radio control.
- Adjust the coupling clearance to 0.5-1mm by turning the air cylinder piston rod, there is a milled key catch for a 10mm fixed key on the piston rod. When the cylinder is adjusted correctly, the pin goes through the fork mount to be disassembled and assembled without using any force.
- Lock the piston rod by tightening the lock nut against the fork mount. Check that all bolts are tight.
- Check the gearbox and hydraulic motors for bolts and leaks.