

CTR3-2 Inspection schema for execution of legal main inspection and execution of yearly inspection or inspection after 500 hours of use. Inspection is according to the manufacturer's user manual.

Compacttilt serial-nr. (see type plate):		
Inspection done date/Month/Year:		
Machine name or type and Hour count:	Name/Model:	Time counter:
Inspection executed by dealer (name):		
Inspection executed by Technician (name):		
Owner/User (firm name):		

* Control of slack of tilt noted here (0,05 to 0,15mm)	mm:
** Control of slack of gearbox noted here (max. slack 3,22mm)	mm:

Cross of in the actual column:

Inspection/adjustment/span or repair:	Checked	Adjusted	Span/rep.
Inspect tilt for tears/damages/fracture.			
Inspect hoses and fittings for fractures/damages/leakages.			
Inspect that hoses aren't subjected to squeezing/stretching in all positions (up/down/right/left)			
Control that the wires aren't subjected to squeezing/stretching in all positions (up/down/right/left)			
Inspect the quick coupling for damages and fastening (evt. Fasten/replace if necessary)			
Inspect shift cylinders for damages/fastening and leaks.			
Disassemble bottom screen and inspect shift cylinders for damages/fastening and leaks			
Inspect the locking pawls for damage (standard/CT-Lock)			
Inspect for leaks from the swivel (Can be seen as a leak from above the gearbox)			
Inspect for leakage around end cap.			
Inspect valve block or turning block for leaks and fastening (if necessary. Fasten / replace bonded seal, banjobolts)			
Inspect valves for leaks/wires/coils and plugs are without damage and correctly placed			
*If you potentially ascertain slack in the tilt function measure end-slack in both ends of the motor with micrometer clock. If the tolerance is exceeded, then the motor is in need of being shimmed up. See how to do it in the manual videos on the dealer portal regarding upshimsing.			
**Control for slack in the gearbox (Noted in the field **Reading slack in the gearbox).			
If there is slack control if the oil motor is loose. If the motor is loose then the tilt needs to be renovated. Find the manual videos on the dealer portal in regard to "Repair of gearbox".			
Inspect if there is Nord Lock ø8 locking discs on the bolts that keeps the bearing blocks, if not disassemble by removing one bolt at a time and reassemble it with a Nord Lock ø8 lock discs and fasten it with torque (33 Nm). This procedure follows on all 8 bolts (4 bolts for each bearing block).			
Fasten bolts in accordance to the torque table			
Lifting hook w. lock inspect for tears and the locks functions (tighten spring if necessary)			
Lubrication of the tilt (inspect that the tilt takes in grease before max. lubrication pressure of 210 bar). If the tilt doesn't take in grease, look in the dealer portal for the manuals on upshimsing.			

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Testing of all functions.			
Final inspection for leakages.			
Register data (The machines hour count, serial number on the tilt, owner, dealer etc..)			

Caution: If the tilt doesn't get any grease, look in the dealer portal for the manual video regarding upshimsing

Expected time consumption on inspection around 30 minutes + time for possible repairs

Caution: When lock function activates on HS 2 systems the tilt function activates too (So it is normal that the tilt moves a little

Tightening torque:

Bolt size [mm]	Torque [NM] (10.9 bolts)	Torque [NM] (12.9 bolts)
M5	8.1	9,7
M6	14	17
M8	33	40
M10	65	79
M12	114	136
M14	181	217
M16	277	333

Instruction for reporting of the CompactTilt portal for the executed inspection

The inspection can be registered on the CompactTilt's portal under "Inspection Compacttilt & registration inspection".

The following is recorded:

- Compacttilt serial number (See type plate on the tilt)
- The date for completed inspection with days date, month and year
- The machines name or model and time counter on the day of inspection
- Which dealer has done the inspection(name)
- Which technician has filled out the inspection's schema.
- Who is the Owner/ user (firm name)

**Measured at the middle of the end with the coupler (see the picture below) Turn/press the tilt to one side and mark it up, turn and press the tilt to the other side and mark it up. Measure between the marks, read off and register the result.

