

**CTR10** 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 3,92mm)	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/CT-oil for damages and fastening (if necessary, Fasten/replace if necessary)			
Inspect CT-oil centering pin and set pin for damages/wear.			
Disassemble bottom screen and inspect shift cylinders for damages/fastening and leaks			
Inspect the locking pawls for damage (standard/CT-Lock)			
Inspect lockpin CT-Lock for damages.			
Inspect crossbar for damages/ bents.			
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). When slack is established begin by disassembling the protective screen for control of whether the oilmotor is loose if the motor is loose then it tightens in accord to the torque table and slack is measured again.			
Fasten bolts in accordance with 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.			
Inspect claw for damages and fractures if mounted.			

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Inspect if claw opens and closes correctly.			
Testing of all functions.			
Final inspection for leakages.			
Register data (The machines hour count, serial number on the tilt, owner, dealer etc..)			

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

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

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.

