

Document Title: Frame, technical data	Function Group: 710	Information Type: Service Information	Date: 2014/4/3 0
Profile:			

Frame, technical data

Item	Unit	Specification
		Rubber tracks
Length of lower frame	mm	1045
Joint distance	mm	-
Number of links	pcs.	34
Number of track supporting idlers	pcs.	0
Number of track rollers	pcs.	6
Tension spring	Type	Hydraulic adjustment (grease)
	Spring, adjustment length	140
	Adjustment force	1300
Track drive	Number of teeth	14
	Pitch diameter	-
Track pads	Number of track pads	34
	Width of track pad	230

Document Title: General description	Function Group: 710	Information Type: Service Information	Date: 2014/4/3 0
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General description

The compact excavator consists of a crawler unit frame ([Invalid linktarget] /1) and a slewable superstructure ([Invalid linktarget] /2) in welded design, which are connected by a totally enclosed live ring ([Invalid linktarget] /3).

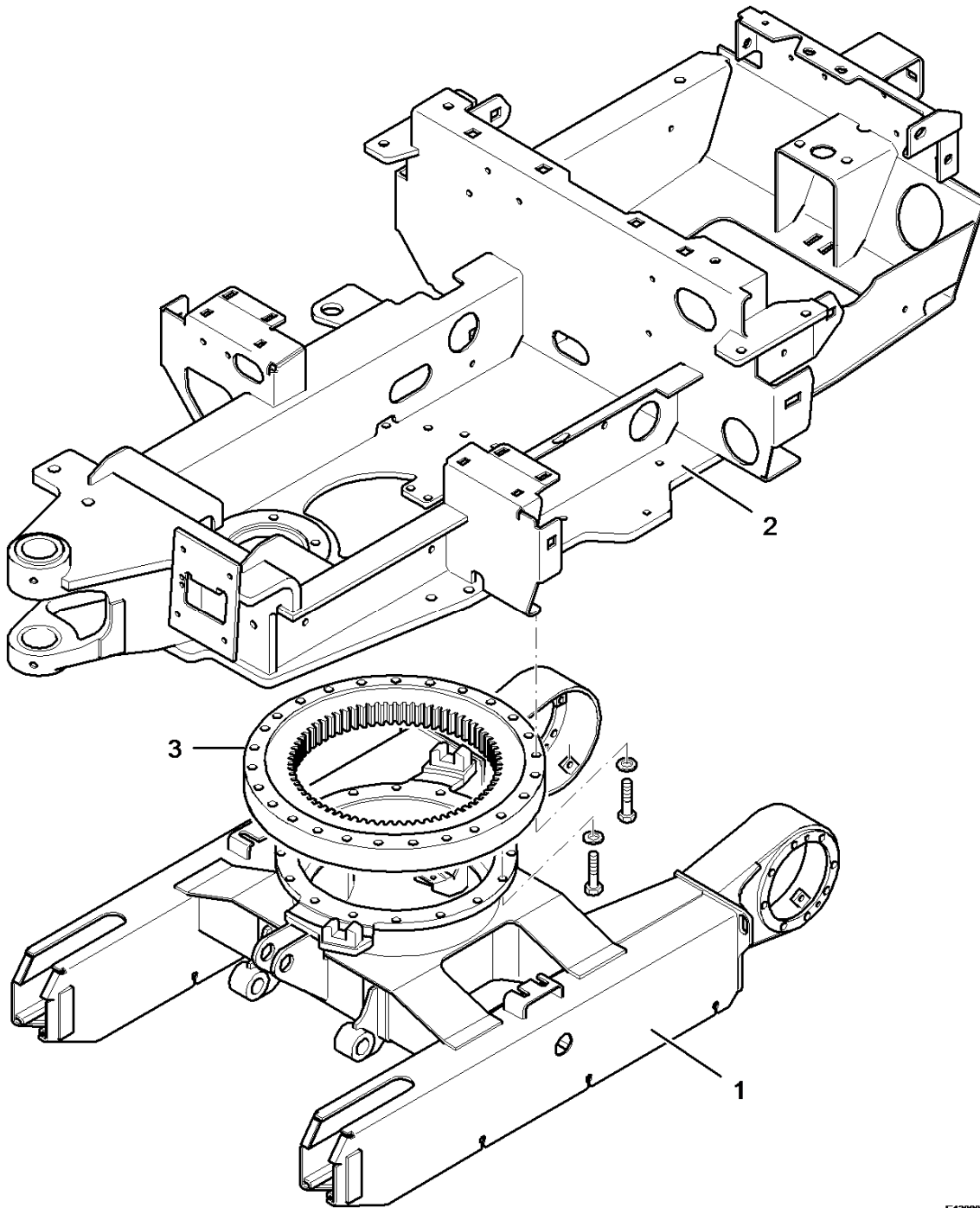
The slewing superstructure carries operator"s stand, engine and excavating equipment.

The live ring with internal gearing is driven by a hydraulic motor.

In case of a leak or damage of a circuit component the slewing facility is automatically braked.

The crawler unit frame carries the dozer blade and the associated hydraulic equipment.

Two rubber crawler tracks mounted to the crawler unit frame facilitate the travel movement of the machine. The tracks are driven by a gear motor each.



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Figure 1

- 1 Main chassis
- 2 Slewing superstructure
- 3 Live ring

Document Title: Live ring, tightening torques	Function Group: 710	Information Type: Service Information	Date: 2014/4/3 0
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Live ring, tightening torques

Live ring	
Screws - live ring	140 ±25 Nm

Document Title: Assembling the cylinder for adjustable track width	Function Group: 718	Information Type: Service Information	Date: 2014/4/3 0
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Assembling the cylinder for adjustable track width

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1. Take out the cylinder ([Invalid linktarget] /3) for track width adjustment.
2. Knock the stub axle (2) ([Invalid linktarget] and [Invalid linktarget]) into piston and piston rod sides.
3. Turn in screws (1) ([Invalid linktarget] und [Invalid linktarget]) and tighten with 105 ± 20 Nm.

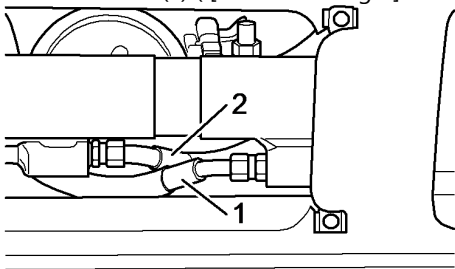


Figure 1

NOTE!

Remove all plugs before connecting the hydraulic lines.

4. Connect hydraulic lines (1 and 2), align correctly and tighten with 18 ± 4 Nm.
5. Check hydraulic oil level, top up if necessary
6. Start the engine, check the function of the machine and check for leaks.

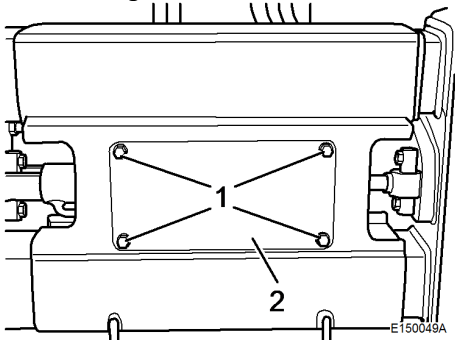


Figure 2

7. Attach cover (2), turn in screws (1) and tighten with 60 ± 10 Nm.

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