

Document Title: Superstructure, removal	Function Group: 710	Information Type: Service Information	Date: 2014/9/10
Profile: EXC, FC2924C [GB]			

Superstructure, removal

Op nbr 00000

WARNING

The superstructure is heavy. Pay attention to safe footing and the area around the crane before proceeding to remove or install the superstructure.

NOTE!

Weight of superstructure : 4 ~ 7 tons excluding counterweight and digging unit.

1. Remove the digging unit.
2. Disconnect center passage clamping screw, seal cover, hydraulic oil hoses, drain hose, and one servo hydraulic oil hose from center passage.

NOTE!

Bundle the hoses. Blind plug each disconnected hose and pipe.

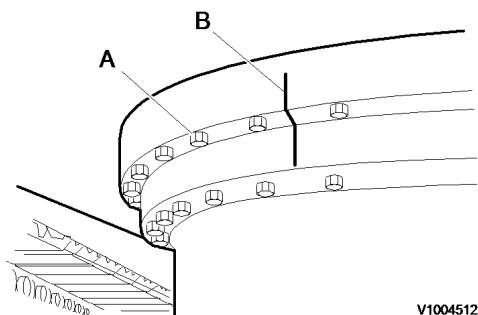
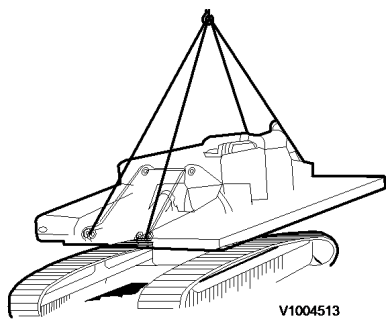


Figure 1
Slew ring installed

- A. Screw
B. Confirm alignment of match marks

3. Remove screws (A) fixing the outer race of the slew ring.
4. Dismantle the cab, counterweight and guard. Place a wire rope on the superstructure and lift it with a crane to an extent that the wire rope is not slack.
5. Lift the superstructure just a little, and after confirming safety all around, lift it up and out.



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Figure 2
Lifting the superstructure

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1. Bundle the hoses attached to the center passage together and place them upright.
2. Coat the screws and threaded holes of the slew ring with "Threebond kk 1215" (Loctite #515).

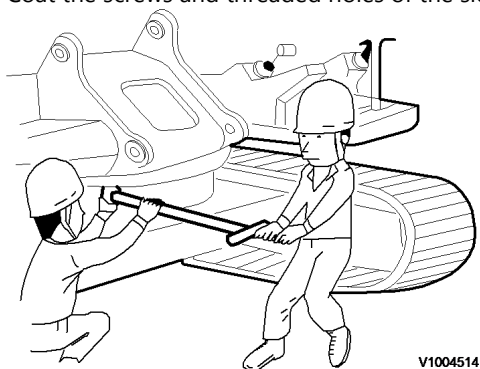


Figure 1

Fig. 5 Installing the superstructure

3. Lift the superstructure and install it to the slew ring.

NOTE!

Lower the superstructure so that the slew pinion and the slew ring are engaged.

NOTE!

For tightening torque, see torque chart.

NOTE!

Tighten diagonally opposite screws in sequence.

4. Connect the hoses, center passage clamping screw and seal cover disconnected for removal.

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