

Service Programme

EC220E L, EC220E LD, EC220E LR, EC220E N,
EC220E NH, EC220E NL, EC220E NLD

SERVICE PROGRAMME

Machine Model	Serial No.	Operating hours	Delivery Date	page 1(5)
Owner	Date	Dealer		Sign

Valid for option / configuration	
Option	Configuration
Engine	D6J US Tier 4 final MY2017, 8300940
Engine	D6J EU Stage V, 8303011
Engine	D6J EU Stage IV, 8294864
Engine	D6J US Tier 4 final, 8296412
Engine	D6J US Tier 4 final MY2019, 8303012

Valid for serial numbers		
Model version	Serial number start	Serial number stop
EC220E L	Changwon 314270	Changwon 314487
EC220E L	Konz 324674	Konz 330000
EC220E LD	Changwon 314270	Changwon 314487
EC220E LD	Konz 324674	Konz 330000
EC220E LR	Changwon 314270	Changwon 314487
EC220E LR	Konz 324674	Konz 330000
EC220E N	Changwon 314270	Changwon 314487
EC220E N	Konz 324674	Konz 330000
EC220E NH	Changwon 314270	Changwon 314487
EC220E NH	Konz 324674	Konz 330000
EC220E NL	Changwon 314270	Changwon 314487
EC220E NL	Konz 324674	Konz 330000
EC220E NLD	Changwon 314270	Changwon 314487
EC220E NLD	Konz 324674	Konz 330000

Foreword

The Service Programme is a checklist of all scheduled maintenance intervals for a specific range of models under normal operating conditions. The scheduled maintenance intervals must be performed as specified in order to maintain the machine for maximum reliability and performance.

For any warranty to be valid, the machine has to be maintained according to this Service Programme. The completed Service Programmes must be kept on file.

Some maintenance steps may be performed by an operator unless otherwise specified in the Operator's Manual. All other maintenance steps must be performed by a qualified service technician.

All service steps listed in the "First" and "Additional intervals" columns must be performed in addition to the "Standard intervals".



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* Maintenance steps with varying intervals are marked with *.
Refer to function group 160 of the Service Manual for more information.

NOTE!

Read and understand the safety instructions in the Operator's Manual and Service Information for the machine.

OPERATING HOURS / INTERVAL	First	Standard interval, every							Additional interval, every	
	500	10	50	250	500	1000	2000	4000	6000	8000
Test running and checking		☐	☐	☐	☐	☐	☐	☐		
Track shoe bolts, checking		☐	☐	☐	☐	☐	☐	☐		
Hydraulic oil level, checking			☐	☐	☐	☐	☐	☐		
Track tension and condition, checking			☐	☐	☐	☐	☐	☐		
Lubrication 50 hours			☐	☐	☐	☐	☐	☐		
Oil-bath air cleaner reservoir oil, checking(optional equipment)			☐							
Swing ring gear bearing, lubricating				☐	☐	☐	☐	☐		
Oil-bath air cleaner reservoir oil, changing(optional equipment)				☐	☐	☐	☐	☐		
Hydraulic return filter on X1 option circuit, replacing(optional equipment) (According to hammer working hours)*				☐	☐	☐	☐	☐		
Air compressor, air tank water, draining(Optional equipment)				☐	☐	☐	☐	☐		
Air compressor, air filter, cleaning(Optional equipment)				☐	☐	☐				
Cab prefilter, cleaning				☐	☐	☐				
Swing gearbox oil level, checking				☐	☐					
Exhaust aftertreatment system regeneration status, checking					☐	☐	☐	☐		
Engine oil and filter, changing*					☐	☐	☐	☐		
Fuel filter, replacing					☐	☐	☐	☐		
Water separator filter, replacing					☐	☐	☐	☐		
Battery, checking* (Shorter interval as needed. 250h)					☐	☐	☐	☐		
Radiator and hydraulic oil cooler, cleaning					☐	☐	☐	☐		
Air conditioner compressor belt, checking					☐	☐	☐	☐		
Air conditioner main filter, cleaning					☐	☐				
Hydraulic oil servo filter, replacing	☐					☐	☐	☐		
Hydraulic oil drain filter, replacing	☐					☐	☐	☐		
Swing gearbox oil, changing	☐					☐	☐	☐		

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Machine Model	Serial No.	Operating hours	Delivery Date	page 3(5)
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OPERATING HOURS / INTERVAL	First	Standard interval, every							Additional interval, every	
	500	10	50	250	500	1000	2000	4000	6000	8000
Fan/alternator belt, checking						☐	☐	☐		
MATRIS and Tech Tool, reading						☐	☐	☐		
Software update, checking						☐	☐	☐		
Swing bath grease, checking						☐	☐	☐		
Cab door, covers, hinges, joints and locks, lubricating						☐	☐	☐		
Track gearbox oil level, checking						☐				
Hydraulic oil return filter, replacing*	☐						☐	☐		
Track gearbox oil, changing	☐						☐	☐		
Fuel tank breather filter, replacing							☐	☐		
Engine air cleaner primary filter, replacing*							☐	☐		
Hydraulic oil suction strainer, cleaning							☐	☐		
Hydraulic oil tank breather filter, replacing							☐	☐		
Hydraulic oil, changing(If bio oil or long-life oil is used, change every 5000 hours)*							☐	☐		
Coolant mixture, checking							☐	☐		
Air conditioner main filter, replacing (Shorter interval as needed. Every 500)*							☐	☐		
Cab prefilter, replacing							☐	☐		
Oil-bath air cleaner reservoir filter insert, cleaning(optional equipment)							☐	☐		
Valves, adjusting							☐	☐		
Air compressor, air filter, replacing(Optional equipment)							☐	☐		
Engine air cleaner secondary filter, replacing*								☐		
CareTrack backup battery, replacing(Optional equipment)*								☐		
Coolant, changing.At least every 4th year.									☐	
AdBlue®/DEF tank, breather filter, replacing								☐		
AdBlue®/DEF pump unit filter, replacing									☐	

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OPERATING HOURS / INTERVAL	First	Standard interval, every								Additional interval, every	
	500	10	50	250	500	1000	2000	4000		6000	8000
Diesel particulate filter, replacing											☐
Service history (included in the respective Operator's manual), fill in. Perform only when service is required for your specific machine, see above.	☐				☐	☐	☐	☐		☐	☐

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