

OPERATION & MAINTENANCE MANUAL

KOMATSU

**PC200-6, PC200LC-6
PC210LC-6
PC220LC-6
PC250LC-6**

HYDRAULIC EXCAVATOR

	PC200-6, PC200LC-6	A80001	
SERIAL NUMBERS	PC210LC-6	A80001	and up
	PC220LC-6	A80001	
	PC250LC-6	A80001	

This material is proprietary to Komatsu Dresser Company and is not to be reproduced, used, or disclosed except in accordance with written authorization from Komatsu Dresser Company.

It is our policy to improve our products whenever it is possible and practical to do so. We reserve the right to make changes or add improvements at any time without incurring any obligation to install such changes on products sold previously.

Due to this continuous program of research and development, periodic revisions may be made to this publication. It is recommended that customers contact their distributor for information on the latest revision.

5. CONTENTS

1. Forward	0-1
2. Safety information	0-2
3. Introduction	0-3
4. Location of plates, table to enter serial No. and distributor	0-4

SAFETY

6. General precautions	1-2
7. Precautions during operation	1-8
7.1 Before starting engine	1-8
7.2 Operating machine	1-10
7.3 Transportation	1-16
7.4 Battery	1-17
7.5 Towing	1-18
7.6 Bucket with hook	1-19
8. Precautions for maintenance	1-21
8.1 Before carrying out maintenance	1-21
8.2 During maintenance	1-24
9. Position for attaching safety labels	1-28

OPERATION

10. General view	2-2
10.1 General view of machine	2-2
10.2 General view of controls and gauges	2-3
11. Explanation of components	2-4
11.1 Machine monitor	2-4
11.2 Meter	2-15
11.3 Switches	2-16
11.4 Control levers, pedals	2-20
11.5 Ceiling window	2-25
11.6 Front window	2-26
11.7 Door lock	2-28
11.8 Cap, cover with lock	2-29
11.9 Hot/cool box	2-30
11.10 Luggage box	2-30
11.11 Ashtray	2-30
11.12 Cab heater	2-31
11.13 Fuse	2-33
11.14 Fusible link	2-34
11.15 Controllers	2-34
11.16 Tool box	2-34
11.17 Grease pump holder	2-34
11.18 Handling accumulator	2-35

5. CONTENTS

12. Operation	2-37
12.1 Check before starting engine	2-37
12.2 Starting engine	2-47
12.3 Operations and checks after starting engine	2-50
12.4 Moving machine off	2-56
12.5 Steering machine	2-59
12.6 Stopping machine	2-61
12.7 Swinging	2-62
12.8 Operation of work equipment	2-63
12.9 Working mode selection	2-64
12.10 Prohibitions of operation	2-66
12.11 Precautions for operation	2-68
12.12 Precautions when traveling up or down hills	2-69
12.13 How to escape from mud	2-71
12.14 Work possible using hydraulic excavator	2-72
12.15 Replacement and inversion of bucket	2-73
12.16 Parking machine	2-75
12.17 Check after finishing work	2-76
12.18 Stopping engine	2-77
12.19 Check after stopping engine	2-78
12.20 Locking and securing machine	2-78
13. Transportation	2-79
13.1 Loading, unloading work	2-79
13.2 Precautions for loading	2-81
13.3 Precautions for transportation	2-82
14. Cold weather operation	2-83
14.1 Precautions for low temperature	2-83
14.2 Precautions after completion of work	2-85
14.3 After cold weather	2-85
15. Long-term storage	2-86
15.1 Before storage	2-86
15.2 During storage	2-87
15.3 After storage	2-87
15.4 Starting machine after long-term storage	2-87
16. Troubleshooting	2-88
16.1 Phenomena that are not failures	2-88
16.2 Method of towing machine	2-88
16.3 Using method for light-weight towing hole	2-88
16.4 Precautions on particular job sites	2-89
16.5 If battery is discharged	2-89
16.6 Other trouble	2-93