SEAM023800PT

Operation & Maintenance Manual

KOMATSU®

PC200-6

PC200LC-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC200-6A – C30092 and up
PC200LC-6A – C30092 and up

Copyright 2001 Komatsu
DataKom Publishing Corporation

March 2001

MidWestTech | Komatsu PC200-6, PC200LC-6 Hydraulic Excavator Operation & Maintenan... Order the manual at mid-west-tech.com >

5. CONTENTS

1. **Foreword** 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- 9
   - 7.1 Before starting engine 1- 9
   - 7.2 After starting engine 1-11
   - 7.3 Transportation 1-18
   - 7.4 Battery 1-19
   - 7.5 Towing 1-21
   - 7.6 Lifting operations 1-21

8. **Precautions for maintenance** 1-22
   - 8.1 Before carrying out maintenance 1-22
   - 8.2 During maintenance 1-26

9. **Position for attaching safety labels** 1-32

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 Switches 2-15
   - 11.3 Control levers, pedals 2-19
   - 11.4 Ceiling window 2-24
   - 11.5 Front window 2-25
   - 11.6 Door lock 2-27
   - 11.7 Cap, cover with lock 2-28
   - 11.8 Hot/Cool box 2-29
   - 11.9 Luggage box 2-29
   - 11.10 Ashtray 2-29
   - 11.11 Air conditioner 2-30
   - 11.12 Car radio 2-33
   - 11.13 Fuse 2-38
   - 11.14 Fusible link 2-39
   - 11.15 Controllers 2-39
   - 11.16 Tool box 2-39
   - 11.17 Grease pump holder 2-39
   - 11.18 Handling accumulator 2-40

MidWestTech | Komatsu PC200-6, PC200LC-6 Hydraulic Excavator Operation & Maintenanc... Order the manual at mid-west-tech.com >

12. Operation 2- 42
12.1 Check before starting engine 2- 42
12.2 Starting engine 2- 52
12.3 Operations and checks after starting engine 2- 55
12.4 Moving machine off 2- 61
12.5 Steering machine 2- 64
12.6 Stopping machine 2- 66
12.7 Swinging 2- 67
12.8 Operation of work equipment 2- 68
12.9 Handling active mode 2- 69
12.10 Working mode selection 2- 71
12.11 Prohibitions for operation 2- 73
12.12 Precautions for operation 2- 75
12.13 Precautions when traveling up or down hills 2- 76
12.14 How to escape from mud 2- 78
12.15 Work possible using hydraulic excavator 2- 79
12.16 Replacement and inversion of bucket 2- 80
12.17 Parking machine 2- 82
12.18 Check after finishing work 2- 83
12.19 Stopping engine 2- 84
12.20 Check after stopping engine 2- 85
12.21 Locking 2- 85

13. Transportation 2- 86
13.1 Loading, unloading work 2- 86
13.2 Precautions for loading 2- 88
13.3 Precautions for transportation 2- 89

14. Cold weather operation 2- 90
14.1 Precautions for low temperature 2- 90
14.2 Precautions after completion of work 2- 92
14.3 After cold weather 2- 92

15. Long-term storage 2- 93
15.1 Before storage 2- 93
15.2 During storage 2- 94
15.3 After storage 2- 94
15.4 Starting machine after long-term storage 2- 94

16. Troubleshooting 2- 95
16.1 Phenomena that are not failures 2- 95
16.2 Method of towing machine 2- 95
16.3 Using method for light-weight towing hole 2- 95
16.4 Precautions on particular jobsites 2- 96
16.5 If battery is discharged 2- 98
16.6 Other trouble 2-100

MidWestTech | Komatsu PC200-6, PC200LC-6 Hydraulic Excavator Operation & Maintenanc... Order the manual at mid-west-tech.com >

OPTIONS, ATTACHMENTS

26. General precautions 5- 2
26.1 Precautions related to safety 5- 2
26.2 Precautions when installing attachments 5- 3

27. Handling bucket with hook 5- 4
27.1 Checking for damage to bucket with hook 5- 4
27.2 Prohibited operations 5- 4
27.3 Precautions during operations 5- 4

28. Using seat belt 5- 5
28.1 Seat belt 5- 5

29. Handling car heater 5- 7
29.1 Explanation of components 5- 7
29.2 Preparing car heater 5- 8

30. Machines ready for attachments 5- 9
30.1 Explanation of components 5- 9
30.2 hydraulic circuit 5-11
30.3 Attachment mounting/dismounting procedure 5-13
30.4 Operation 5-15
30.5 Long-term storage 5-16
30.6 Specifications 5-16

31. Introduction of attachments 5-17
31.1 Specification, use 5-17
31.2 Attachment installation combination table 5-19
31.3 Selection of track shoes 5-22
31.4 Selection of bucket teeth 5-23
31.5 Handling rubber pad shoe 5-24
31.6 Handling trapezoidal bucket 5-26
31.7 Handling extension arm 5-27
31.8 Handling clamshell bucket 5-28
31.9 Handling variable 2-piece boom, rotating arm 5-29

32. Extending machine service life 5-38
32.1 Hydraulic breaker 5-38
32.2 Power ripper 5-42
32.3 Fork grab 5-43
32.4 Grapple bucket 5-44
32.5 Scrap grapple 5-45
32.6 Crusher & cutter 5-46
32.7 Hydraulic pile driver 5-47
32.8 Hydraulic excavator with multi-purpose crane 5-48

MidWestTech | Komatsu PC200-6, PC200LC-6 Hydraulic Excavator Operation & Maintenanc... Order the manual at mid-west-tech.com >