SEAM015301

Operation & Maintenance Manual

PC30R-8, PC35R-8
PC40R-8, PC45R-8

HYDRAULIC EXCAVATOR

SERIAL NUMBERS
PC30R- 10001
PC35R- 35001
PC40R- 30001
PC45R- 5001
and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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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- 7
   - 7.1 Before starting engine 1- 7
   - 7.2 Operating machine 1- 9
   - 7.3 Transportation 1-16
   - 7.4 Battery 1-17
   - 7.5 Towing 1-19
   - 7.6 Lifting operations 1-19
   - 7.7 Window washer fluid 1-19

8. **Precautions for maintenance** 1-20
   - 8.1 Before carrying out maintenance 1-20
   - 8.2 During maintenance 1-24

9. **Position for attaching safety labels** 1-29

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- 9
    - 11.3 Control levers and pedals 2-12
    - 11.4 Engine food 2-15
    - 11.5 Front window (Machines equipped with cab) 2-17
    - 11.6 Sliding door (Machines equipped with cab) 2-19
    - 11.7 Hammer for emergency escape (Machines equipped with cab) 2-20
    - 11.8 Fuses 2-20
    - 11.9 Fusible link 2-21
    - 11.10 Cap, cover with lock 2-21
    - 11.11 Manual pocket 2-22
    - 11.12 Tool box 2-22
    - 11.13 Dust indicator 2-22

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12. Operation 2-23
12.1 Check before starting engine 2-23
12.2 Starting engine 2-32
12.3 Operations and checks after starting engine 2-34
12.4 Moving machine off 2-36
12.5 Steering machine 2-39
12.6 Stopping machine 2-41
12.7 Swinging 2-42
12.8 Operation of work equipment 2-43
12.9 Prohibitions for operation 2-44
12.10 Precautions for operation 2-47
12.11 Precautions when traveling up or down hills 2-48
12.12 How to escape from mud 2-50
12.13 Work possible using hydraulic excavator 2-51
12.14 Replacement of bucket 2-53
12.15 Parking machine 2-56
12.16 Check after finishing work 2-57
12.17 Stopping engine 2-57
12.18 Check after stopping engine 2-58
12.19 Locking 2-58
12.20 Handling rubber shoes (Rubber shoes only) 2-59

13. Transportation 2-64
13.1 Loading, unloading work 2-64
13.2 Method of lifting machine 2-66
13.3 Precautions for loading and securing machine 2-68
13.4 Precautions for transportation 2-69

14. Cold weather operation 2-70
14.1 Precautions for low temperature 2-70
14.2 Precautions after completion of work 2-72
14.3 Preparing the cab heater (Machines equipped with cab) 2-72
14.4 After cold weather 2-72

15. Long-term storage 2-73
15.1 Before storage 2-73
15.2 During storage 2-74
15.3 After storage 2-74

16. Troubleshooting 2-75
16.1 Phenomena that are not failures 2-75
16.2 Method of towing machine 2-75
16.3 Precautions on particular jobsites 2-75
16.4 If battery is discharged 2-76
16.5 Other trouble 2-80

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MAINTENANCE

17. Guides to maintenance 3- 2

18. Outlines of service 3- 4
18.1 Outline of oil, fuel, coolant 3- 4
18.2 Outline of electric system 3- 7
18.3 Outline of hydraulic system 3- 8

19. Wear parts list 3- 9

20. Use of fuel, coolant and lubricants according to ambient temperature 3-10

21. Standard tightening torques for bolts and nuts 3-14
21.1 Introduction of necessary tools 3-14
21.2 Torque list 3-15

22. Periodic replacement of safety critical parts 3-16

23. Maintenance schedule chart 3-19
23.1 Maintenance schedule chart 3-19
23.2 Maintenance interval when using hydraulic breaker 3-21

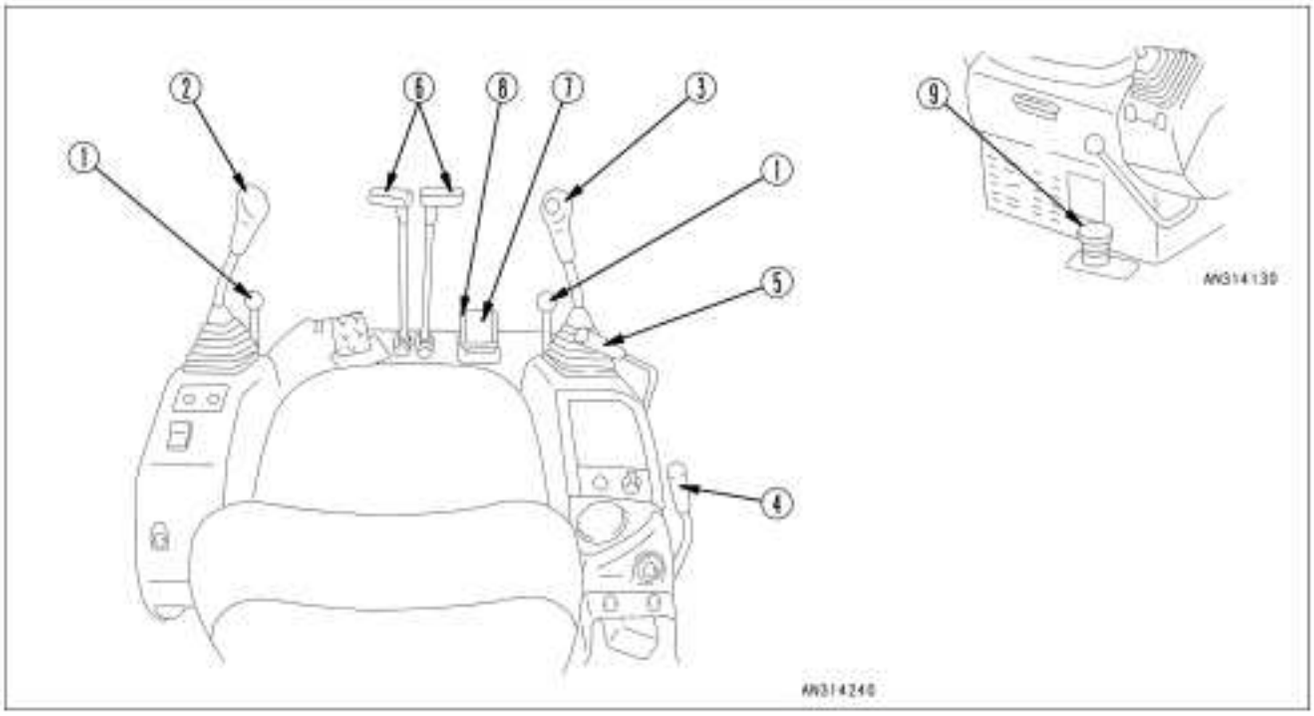
24. Service Procedure 3-22
24.1 Initial 250 hours service 3-22
24.2 When required 3-23
24.3 Check before starting 3-45
24.4 Every 100 hours service 3-49
24.5 Every 250 hours service 3-50
24.6 Every 500 hours service 3-52
24.7 Every 1000 hours service 3-63
24.8 Every 2000 hours service 3-65
24.9 Every 4000 hours service 3-66

SPECIFICATIONS

25. Specifications 4- 2

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11.3 CONTROL LEVERS AND PEDALS



1. SAFETY LOCK LEVER (FOR BOTH LEFT AND RIGHT SIDE WORK EQUIPMENT CONTROL LEVERS)

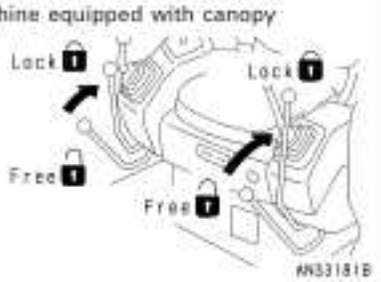
REMARK

In machines equipped with cab, the safety lock lever is installed on the left side only.

⚠ WARNING

- **When leaving the operator's seat, set the safety lock lever to the LOCK position. If the control lever is not locked, and it is touched by mistake, this may lead to serious accidents.**
- **If the safety lock lever is not placed securely in the LOCK position, the control lever may not be properly locked. Confirm that it is set as shown in the figure.**
- **Even if the safety lock lever is set to the LOCK position, the traveling mechanism and blade are not locked.**
- **When pulling up the safety lock lever, take care not to touch the work equipment control levers. If the safety lock lever is not pulled up to the end, the work equipment and upper structure can move, and that is dangerous.**

Machine equipped with canopy



Machine equipped with cab



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18.1.4 GREASE

- Grease is used to prevent twisting and noise at the joints.
- The nipples not included in the maintenance section are nipples for overhaul, so they do not need grease.
  If any part becomes stiff after being used for long time, add grease.
- Always wipe off all of the old grease that is pushed out when greasing. Be particularly careful to wipe off the old grease in places. Where sand or dirt sticking in the grease would cause wear of the rotating parts.

18.1.5 STORING OIL AND FUEL

- Keep indoors to prevent any water, dirt, or other impurities from getting in.
- When keeping drum cans for a long period, put the drum on its side so that the filler port of the drum can is at the side. (To prevent moisture from being sucked in)
  If drum cans have to be stored outside, cover them with a waterproof sheet or take other measures to protect them.
- To prevent any change in quality during long-term storage, be sure to use in the order of first in - first out (use the oldest oil or fuel first).

18.1.6 FILTERS

- Filters are extremely important safety parts. They prevent impurities in the fuel and air circuits from entering important equipment and causing problems.
  Replace all filters periodically. For details, see the Operation and Maintenance Manual.
  However, when working in severe conditions, it is necessary to consider replacing the filters at shorter intervals according to the oil and fuel (sulfur content) being used.
- Never try to clean the filters (cartridge type) and use them again. Always replace with new filters.
- When replacing oil filters, check if any metal particles are stuck to the old filter. If any metal particles are found, please contact your Komatsu distributor.
- Do not open packs of spare filters until just before they are to be used.
- Always use Komatsu genuine filters.

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PC45R-8

		Rubber shoes and canopy	Ruber shoes and cab	Steel shoes and canopy	Steel shoes and cab
WEIGHT					
• Operating weight (without operator)		4230 kg (9327 lb)	4385 kg (9669 lb)	4300 kg (9482 lb)	4455 kg (9823 lb)
PERFORMANCE					
Bucket capacity (standard bucket) SAE/CECE		0.16 m^3 (0.21 cu.yd) / 0.14 m^3			
• Width of opening (Standard bucket)	(Without side cutter)	585 mm (23.0 in)			
	(With side cutter)	650 mm (25.6 in)			
• Travel speed	High speed	4.55 km/h (2.7 MPH)		4.3 km/h (2.6 MPH)	
	Low speed	2.8 km/h (1.7 MPH)		2.7 km/h (1.6 MPH)	
• Swing speed		9.0 rpm			
• Track shoe		Rubber shoe 400 mm (13.6 in)		Triple grouser shoe 400 mm (15.8 in)	
ENGINE					
• Model		Komatsu 4D84E – 3D diesel engine			
• Flywheel horsepower		28.32 kW (38.5 HP) / 2500 rpm			
• Starting motor		12 V 2.0 kW			
• Alternator		12 V 40 A			
• Battery		12 V 70 Ah x 1 piece			

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