SEAM010400

Operation & Maintenance Manual

WA900-1
WA900-1L

WHEEL LOADER

SERIAL NUMBERS WA900-1 10001 and up
WA900-1L A20001 – A20007

October 1996

KOMATSU

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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 1-13
   - 7.4 Battery 1-14
   - 7.5 Towing 1-15

8. **Precautions for maintenance** 1-16
   - 8.1 Before carrying out maintenance 1-16
   - 8.2 During maintenance 1-19
   - 8.3 Tires 1-23

9. **Position for attaching safety labels** 1-24

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 2-14
   - 11.3 Control levers, pedals 2-20
   - 11.4 Dust indicator 2-25
   - 11.5 Circuit breaker (Main) 2-25
   - 11.6 Safety bar 2-25
   - 11.7 Steering column tilt lever 2-26
   - 11.8 Door-open lock 2-26
   - 11.9 Cap with lock 2-26
   - 11.10 Fuel stop lever 2-27
   - 11.11 Air pick-up port 2-27
   - 11.12 Fuse 2-28
   - 11.13 Storage location for operation and maintenance manual 2-29
   - 11.14 Power source 2-29
   - 11.15 Car radio 2-30
   - 11.16 Air conditioner 2-33
   - 11.17 Car heater 2-37
   - 11.18 Using accumulator 2-39

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12. Operation 2-40
12.1 Check before starting engine 2-40
12.2 Starting engine 2-53
12.3 Operations and checks after starting engine 2-56
12.4 Moving machine off 2-58
12.5 Changing gear speed 2-59
12.6 Changing direction 2-60
12.7 Turning 2-60
12.8 Stopping machine 2-61
12.9 Operation of work equipment 2-62
12.10 Work possible using wheel loader 2-63
12.11 Precautions for operation 2-68
12.12 Adjusting work equipment posture 2-70
12.13 Parking machine 2-72
12.14 Checks after completion of operation 2-73
12.15 Stopping engine 2-73
12.16 Check after stopping engine 2-74
12.17 Locking 2-74
12.18 Handling the tires 2-75
12.19 Removal and installation of the bucket 2-77

13. Transportation 2-81
13.1 Lifting machine 2-81

14. Cold weather operation 2-82
14.1 Precautions for low temperature 2-82
14.2 Precautions after completion of work 2-84
14.3 After cold weather 2-84

15. Long-term storage 2-85
15.1 Before storage 2-85
15.2 During storage 2-85
15.3 After storage 2-85

16. Troubleshooting 2-86
16.1 When machine runs out of fuel 2-86
16.2 Towing the machine 2-87
16.3 If battery is discharged 2-91
16.4 Other trouble 2-95

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MAINTENANCE

17. Guides to maintenance 3- 2

18. Outlines of service 3- 5
18.1 Outline of oil, fuel, coolant 3- 5
18.2 Outline of electric 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 3-20
23.1 Maintenance schedule chart 3-20

24. Service Procedure 3-24
24.1 Initial 250 hours service 3-24
24.2 When required 3-25
24.3 Check before starting 3-43
24.4 Every 50 hours service 3-49
24.5 Every 100 hours service 3-50
24.6 Every 250 hours service 3-54
24.7 Every 500 hours service 3-60
24.8 Every 1000 hours service 3-64
24.9 Every 2000 hours service 3-70
24.10 Every 4000 hours service 3-79

SPECIFICATIONS

25. Specifications 4- 2

OPTIONS, ATTACHMENTS

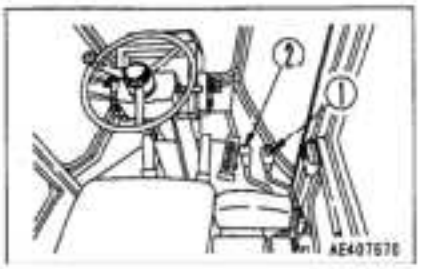
26. Optional part and attachments 5- 2

27. Explanation of operation of joy stick steering system 5- 3
27.1 Functions and structure of joy stick steering 5- 3
27.2 Operation method of joy stick steering system 5- 6
27.3 Precautions for steering with joy stick 5- 8
27.4 Adjustment of joy stick console 5-10
27.5 Adjustment of seat 5-11

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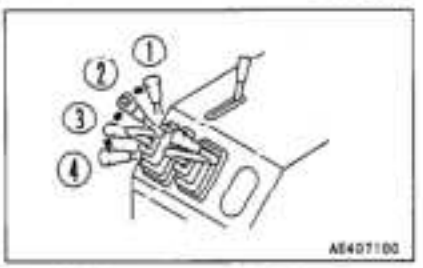
12.9 OPERATION OF WORK EQUIPMENT

Lift arm control lever ① and bucket control lever ② can be used to operate the lift arm and bucket as follows.



LIFT ARM OPERATION (LEVER ①)

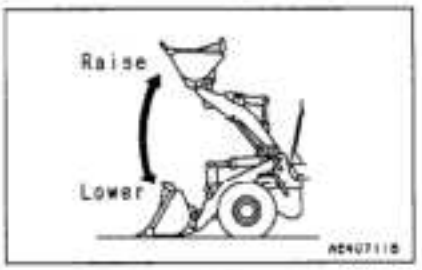
① Raise ( )
② Hold ( ) : The lift arm is kept in the same position.
③ Lower ( )
④ Float ( ) : The lift arm moves freely under external force.



When the lift arm control lever is pulled further from the raise position, the lever is stopped in this position until the lift arm reaches the preset kick-out position, and the lever is return to the hold position.

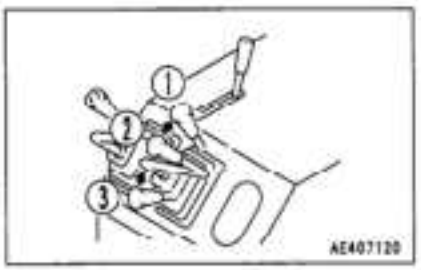
NOTICE

Do not use the FLOAT position when lowering the bucket.

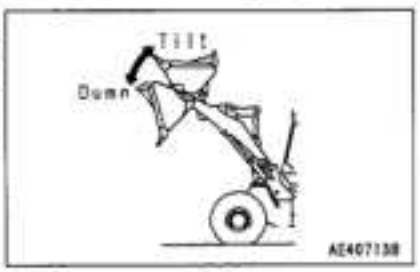


BUCKET OPERATION (LEVER ②)

① Tilt ( )
② Hold ( ) : The bucket is kept in the same position.
③ Dump ( )



When the bucket control lever is pulled further from the tilt position, the lever is stopped in this position until the bucket reaches the preset position of the positioner, and the lever is return to the hold position.



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SERVICE ITEM	PAGE
EVERY 100 HOURS SERVICE (continued)	
Clean air conditioner air filter element	3-53
EVERY 250 HOURS SERVICE	
Change oil in engine oil pan, replace engine oil filter cartridge	3-54
Check battery electrolyte level	3-56
Check alternator belt tension, adjust	3-57
Check for loose wheel hub nuts, tighten	3-58
Check air conditioner compressor belt tension, adjust	3-58
Check frame and boom	3-59
EVERY 500 HOURS SERVICE	
Replace fuel filter cartridge	3-60
Replace transmission oil filter element	3-62
Lubricate center drive shaft (3 points)	3-63
Check fan belt	3-63
Check air dryer	3-63
EVERY 1000 HOURS SERVICE	
Change oil in transmission case, clean strainer	3-64
Clean transmission case breather	3-65
Lubricating	3-66
• Center hinge pin (2 points)	3-66
• Drive shaft center support (1 point)	3-66
• Front drive shaft (3 points)	3-66
• Rear drive shaft (3 points)	3-67
• Upper drive shaft (3 points)	3-67
• Parking brake linkage (6 points)	3-67
• Torque converter mount trunnion (1 point)	3-67
• Fan pulley (1 point)	3-67
• Tension pulley (2 points)	3-67
Check tightening parts of turbocharger	3-68
Clean fuel strainer	3-68

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25. SPECIFICATIONS

WA900-1

PERFORMANCE			
• Bucket capacity (Heaped)			13.0 m³ (16.8 cu.yd)
• Normal load			23400 kg (51600 lb)
• Travel speed	Forward	1st	7.0 km/h (4.3 MPH)
		2nd	12.3 km/h (7.6 MPH)
		3rd	28.0 km/h (17.4 MPH)
	Reverse	1st	7.1 km/h (4.4 MPH)
		2nd	12.4 km/h (7.7 MPH)
		3rd	28.3 km/h (17.6 MPH)
• Max. rimpull			60000 kg (588000 N)
• Min. turning radius	Outside of chassis		10900 mm (35 ft 9 in)
	Center of outside tire		9210 mm (30 ft 2 in)
WEIGHT			
• Operating weight (including 1 operator: 80 kg.)			94700 kg (20885 lb)
ENGINE			
• Model			Komatsu SA12V140 diesel engine
• Flywheel horsepower			618 kW (828 HP)/2000 rpm
• Max. torque			3874 Nm (395 kgm)/1400 rpm
• Starting motor			24 V 7.5 kW x 2 pieces
• Alternator			24 V 75 A
• Battery			12 V 200 Ah x 4 pieces (N200)

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