

# Shop Manual

# WA150-1

## WHEEL LOADER

SERIAL NUMBERS **WA150-1 10001** and up

**KOMATSU**<sup>®</sup>

[www.KomatsuAmerica.com](http://www.KomatsuAmerica.com)



# **Shop Manual**

# **WA150-1**

## **WHEEL LOADER**

**SERIAL NUMBERS WA150-1 10001 and up**

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

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 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, revisions may be made to this publication. It is recommended that customers contact their distributor for information on the latest revision.

Copyright 2011 Komatsu  
Printed in U.S.A.  
Komatsu America Corp.

July 1992

# CONTENTS

	No. of page
<b>10 ENGINE</b>	
11 STRUCTURE AND FUNCTION .....	11-1
12 TESTING AND ADJUSTING .....	12-1
13 DISASSEMBLY AND ASSEMBLY .....	13-1
<b>20 POWER TRAIN</b>	
21 STRUCTURE AND FUNCTION .....	21-1
22 TESTING AND ADJUSTING .....	22-1
23 DISASSEMBLY AND ASSEMBLY .....	23-1
24 MAINTENANCE STANDARD .....	24-1
<b>40 STEERING SYSTEM</b>	
41 STRUCTURE AND FUNCTION .....	41-1
42 TESTING AND ADJUSTING .....	42-1
43 DISASSEMBLY AND ASSEMBLY .....	43-1
44 MAINTENANCE STANDARD .....	44-1
<b>50 BRAKE AND AIR SYSTEM</b>	
51 STRUCTURE AND FUNCTION .....	51-1
52 TESTING AND ADJUSTING .....	52-1
53 DISASSEMBLY AND ASSEMBLY .....	53-1
54 MAINTENANCE STANDARD .....	54-1
<b>60 WORK EQUIPMENT SYSTEM</b>	
61 STRUCTURE AND FUNCTION .....	61-1
62 TESTING AND ADJUSTING .....	62-1
63 DISASSEMBLY AND ASSEMBLY .....	63-1
64 MAINTENANCE STANDARD .....	64-1
<b>80 ELECTRIC AND ELECTRONIC SYSTEM</b>	
81 STRUCTURE AND FUNCTION .....	81-1
83 DISASSEMBLY AND ASSEMBLY .....	83-1
<b>90 OTHERS</b>	
91 STRUCTURE AND FUNCTION .....	91-1
93 DISASSEMBLY AND ASSEMBLY .....	93-1
97 GEAR PUMP .....	97-1

The affected pages are indicated by the use of the following marks. It is requested that necessary actions must be taken to these pages according to the list below.

Mark	Indication	Action required
○	Page to be newly added	Add
●	Page to be replaced	Replace
( )	Page to be deleted	Discard

Pages having no marks are not revised at this time.

### LIST OF REVISED PAGES

Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number
●	00- 1	④		12- 10	①		13- 37	②		21- 34			23- 5	②
●	00- 2	④	●	12- 11	④		13- 38	②		21- 35			23- 6	②
●	00- 2- 1	④	●	12- 12	④		13- 39	②		21- 36			23- 7	②
●	00- 2- 2	④	○	12- 13	④		13- 40	②		21- 37			23- 8	②
●	00- 2- 3	④	○	12- 14	④		13- 41	②		21- 38			23- 9	②
	00- 3			13- 1	②		13- 42	②		21- 39			23- 10	②
	00- 4			13- 2	②		13- 43	②	●	21- 40	④		23- 11	②
	00- 5			13- 3	②		21- 1		●	21- 41	④		23- 12	②
	00- 6			13- 4	②		21- 2			21- 42			23- 14	②
	00- 7			13- 5	②		21- 3			21- 43			23- 15	②
	00- 8			13- 6	②		21- 4	③		21- 44	①		23- 16	②
	00- 9			13- 7	②		21- 5	③	●	21- 46	④		23- 17	②
	00- 10			13- 8	②		21- 6	③		21- 47			23- 18	②
○	00- 11	④		13- 9	②		21- 7			21- 48			23- 19	②
○	00- 12	④		13- 10	②		21- 8			22- 1	①		23- 20	②
	(01- 1)			13- 11	②	●	21- 9	④	●	22- 2	④		23- 21	②
	(01- 2)			13- 12	②		21- 10			22- 3	③		23- 22	②
	(01- 3)			13- 13	②		21- 11			22- 4	①		23- 23	②
	(01- 4)			13- 14	②		21- 12			22- 5	①		23- 24	②
	(01- 5)			13- 15	②		21- 13			22- 6	①		23- 25	②
	(01- 6)			13- 16	②		21- 14			22- 7	①		23- 26	②
	(01- 7)			13- 18	②	●	21- 15	④		22- 8	③		23- 27	②
	(01- 8)			13- 19	②	●	21- 16	④		22- 9	③		23- 28	②
	(01- 9)			13- 20	②	●	21- 17	④		22- 10	①		23- 29	②
	(01- 10)			13- 21	②	●	21- 18	④		22- 11	①		23- 30	②
●	11- 1	④		13- 22	②	○	21- 18- 1	④		22- 12	①		23- 31	②
	11- 2			13- 23	②		21- 19			22- 13	①		23- 32	②
●	11- 3	④		13- 24	②		21- 20			22- 14	①		23- 33	②
●	11- 4	④		13- 25	②		21- 21			22- 15	①		23- 34	②
●	11- 5	④		13- 26	②		21- 22			22- 16	①		23- 35	②
○	11- 6	④		13- 27	②	●	21- 24	④		22- 18	①		23- 36	②
	12- 1	①		13- 28	②		21- 25	③	●	22- 19	④		23- 38	②
●	12- 2	④		13- 29	②		21- 26			22- 20	①		23- 39	②
	12- 3	①		13- 30	②		21- 27			22- 21	①		23- 40	②
	12- 4	①		13- 31	②		21- 28			22- 22	①		23- 41	②
	12- 5	①		13- 32	②		21- 29		●	22- 23	④		23- 42	③
	12- 6	①		13- 33	②		21- 30			22- 24	①		23- 43	②
	12- 7	①		13- 34	②		21- 31			23- 1	②		23- 44	②
●	12- 8	④		13- 35	②		21- 32			23- 2	②		23- 45	②
	12- 9	①		13- 36	②		21- 33			23- 4	②		23- 46	②

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$