

Shop Manual

WA180-1

WHEEL LOADER

SERIAL NUMBERS WA180-1 10001 and up

KOMATSU[®]

www.KomatsuAmerica.com

Shop Manual

WA180-1

WHEEL LOADER

SERIAL NUMBERS WA180-1 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 2010 Komatsu
Printed in U.S.A.
Komatsu America Corp.

July 1992

CONTENTS

No. of page

10 ENGINE

11 STRUCTURE AND FUNCTION	11-1
12 TESTING AND ADJUSTING	12-1
13 DISASSEMBLY AND ASSEMBLY	13-1

20 POWER TRAIN

21 STRUCTURE AND FUNCTION	21-1
22 TESTING AND ADJUSTING	22-1
23 DISASSEMBLY AND ASSEMBLY	23-1
24 MAINTENANCE STANDARD	24-1

40 STEERING SYSTEM

41 STRUCTURE AND FUNCTION	41-1
42 TESTING AND ADJUSTING	42-1
43 DISASSEMBLY AND ASSEMBLY	43-1
44 MAINTENANCE STANDARD	44-1

50 BRAKE SYSTEM

51 STRUCTURE AND FUNCTION	51-1
52 TESTING AND ADJUSTING	52-1
53 DISASSEMBLY AND ASSEMBLY	53-1
54 MAINTENANCE STANDARD	54-1

60 WORK EQUIPMENT SYSTEM

61 STRUCTURE AND FUNCTION	61-1
62 TESTING AND ADJUSTING	62-1
63 DISASSEMBLY AND ASSEMBLY	63-1
64 MAINTENANCE STANDARD	64-1

80 ELECTRIC AND ELECTRONIC SYSTEM

81 STRUCTURE AND FUNCTION	81-1
83 DISASSEMBLY AND ASSEMBLY	83-1

90 OTHERS

91 STRUCTURE AND FUNCTION	91-1
---------------------------------	------

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	⑤		13- 7	①		21- 9			22- 7	②		23-24	②
	00- 2	①		13- 8	①		21-10			22- 8			23-25	①
●	00- 2-1	⑤		13- 9	①		21-11			22- 9			23-26	①
●	00- 2-2	⑤		13-10	①		21-12			22-10			23-27	①
	00- 2-3	④		13-11	①		21-14	②		22-11			23-28	①
●	00- 3			13-12	①		21-15			22-12			23-29	①
●	00- 4			13-13	①		21-16			22-13			23-30	①
●	00- 5			13-14	①		21-17			22-14			23-31	①
●	00- 6			13-15	①		21-18			22-15			23-32	④
●	00- 7			13-16	①		21-19			22-16			23-33	④
●	00- 8			13-17	①		21-20			22-18			23-34	①
●	00- 9			13-18	④		21-22	②		22-19			23-35	④
●	00-10			13-19	①		21-23			22-20			23-36	④
●	00-11	⑤		13-20	①		21-24			22-21			23-37	②
●	00-12	⑤		13-21	①		21-25			22-22			23-38	①
●	00-13	⑤		13-22	①		21-26			22-23			23-39	①
	11- 1			13-23	①		21-27			22-24			23-40	①
	11- 2			13-24	①		21-28	②		23- 1	①		23-41	①
	11- 3			13-25	①		21-29	②		23- 2	①		23-42	①
	11- 4	③		13-26	①		21-30	②		23- 3	①		23-43	①
	12- 1	②		13-27	①		21-31	②		23- 4	①		23-44	①
	12- 2	②		13-28	①		21-33			23- 5	①		23-45	①
	12- 3	②		13-29	①		21-34			23- 6	①		23-46	①
	12- 4			13-30	①		21-35			23- 7	①		23-47	①
	12- 5			13-31	①		21-36	④		23- 8	①		23-48	①
	12- 6			13-32	①		21-37	④		23- 9	②		23-49	①
	12- 7			13-33	①		21-38	④		23-10	①		23-50	①
	12- 8			13-34	①		21-39			23-11	①		23-51	①
	12- 9			13-35	①		21-40			23-12	①		23-52	①
	12-10			13-36	①		21-41			23-13	①		23-53	①
	12-11			13-37	①		21-42			23-14	①		23-54	①
	12-12			13-38	①		21-44			23-15	①		23-55	①
	12-13			21- 1			21-45			23-16	①		23-56	①
	12-14			21- 2			21-46			23-17	①		23-57	①
	13- 1	①		21- 3			22- 1			23-18	①		23-58	①
	13- 2	①		21- 4	②		22- 2			23-19	①		23-59	④
	13- 3	①		21- 5	②		22- 3			23-20	①		23-60	②
	13- 4	①		21- 6	②		22- 4			23-21	①		23-61	①
	13- 5	①		21- 7	④		22- 5			23-22	①		23-62	②
	13- 6	①		21- 8			22- 6			23-23	①		23-63	②

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

<https://shopservicemanual.com/>

Service Manuals from 2\$