SHOP

MANUAL

KOMATSU

WA500-1



- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require.
 Materials and specifications are subject to change without notice.
- WA500-1 mount the S6D140-1 engine;
 For details of the engine, see the 6D140-1 Series Engine Shop Manual.

CONTENTS

10	ENGINE No.	of page
11	STRUCTURE AND FUNCTION	11_1
12	TESTING AND ADJUSTING	12-1
13	DISASSEMBLY AND ASSEMBLY	13-1
14	MAINTENANCE STANDARD	14-1
	POWER TRAIN	
21	STRUCTURE AND FUNCTION	
22		
23	DISASSEMBLY AND ASSEMBLY	22-1
24		23-1
	The state of Another Control of the state of	24-1
40	STEERING SYSTEM	
41	STRUCTURE AND FUNCTION	41-1
42		
43	DISASSEMBLY AND ASSEMBLY	
44	MAINTENANCE STANDARD	44-1
50	BRAKE AND AIR SYSTEM	
51	STRUCTURE AND FUNCTION	51-1
52	TESTING AND ADJUSTING	
53	DISASSEMBLY AND ASSEMBLY	
54	MAINTENANCE STANDARD	
60	WORK EQUIPMENT SYSTEM	
61	STRUCTURE AND FUNCTION	61-1
62	TESTING AND ADJUSTING	
63	DISASSEMBLY AND ASSEMBLY	
6 4		
80	ELECTRIC AND ELECTRONIC SYSTEM	
	STRUCTURE AND FUNCTION	Ω1 1
82	TESTING AND ADJUSTING	82.1
83		
		00-1
	OTHERS	
91		
93	The state of the s	
97	GEAR PUMPg	7-101

CONTENTS

OT GENERAL (THIS SECTION IS NOT USED IN THIS MANUAL) 10 ENGINE **20 POWER TRAIN 40 STEERING SYSTEM 50 BRAKE AND AIR SYSTEM 60 WORK EQUIPMENT SYSTEM** 80 ELECTRICAL AND ELECTRONIC SYSTEM 90 OTHERS

•		
•		
	•	
•		

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

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

Pages having no marks are those previously revised or made additions.

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	②		13-2	2		14-2			21-33			22-17	1
	00-2	2		13-3	2					21-34			22-18	①
•	00-2-1	7		13-4	2		21-1			21-35	3		22-19	⑤
•	00-2-2	Ø		13-5	2		21-2	•		21-36			22-20	1
•	00-2-3	7		13-6	2		21-3			21-37			22-21	1
•	00-2-4	7		13-7	2		21-4	6		21-38			22-22	1
	00-3			13-8	2		21-5	⑥		21-39				
	00-4			13-9	2		21-5-1	6		21-40		•	23-1	Ø
	00-5		,	13-10	2		21-5-2	6		21-41			23-2	2
	00-6			13-11	2		21-6	6		21-42			23-3	2
	00-7			13-12	2		21-7	6		21-43			23-4	2
	8-00			13-13	3		21-7-1	⑥		21-44			23-5	2
	00-9			13-14	2		21-8	⑥		21-45		•	23-6	⑦
	00-10			13-15	3	ŀ	21-8-1	6		21-46			23-7	2
	00-11	6		13-16	2		21-9			21-47			23-8	3
	10-12	6		13-17	2		21-10	6		21-48			23-9	2
				13-18	2		21-10-1	1 ⑥		21-49			23-10	2
	11-1			13-19	2		21-11			21-50			23-11	2
	11-2			13-20	2		21-12	⑤		21-51			23-12	2
	11-3			13-21	2		21-13			21-52		•	23-13	Ø
	11-4			13-22	3		21-14			21-53	3		23-14	2
	11-5			13-23	3		21-15			21-54	6	İ	23-15	2
			•	13-24	7		21-16	⑤				•	23-16	7
	12-1	1	•	13-25	Ø		21-17	⑤		22-1	2		23-17	2
	12-2	3		13-26	2		21-18			22-2	6		23-18	2
	12-3	3		13-27	2		21-19			22-3	3		23-19	2
	12-4	1		13-28	2		21-20			22-4	3		23-20	2
	12-5	1		13-29	2		21-21			22-5	1		23-21	2
	12-6	1		13-30	2		21-22			22-6	1		23-22	3
	12-7	1		13-31	6	İ	21-23			22-7	6		23-23	2
	12-8	1		13-32	2	ĺ	21-24	_		22-8	6		23-24	2
	12-9	1		13-33	2		21-25	3		22-9	①		23-25	2
	12-10	1		13-34	2		21-26	3		22-10	1		23-26	2
	12-11	O	•	13-35	②		21-27	3		22-11	①		23-27	2
	12-12	①	•	13-36	7		21-28	_		22-12	①		23-28	2
	12-13	3		13-37	2		21-29	3		22-13	①		23-29	2
	12-14	3		13-38	2		21-30	6		22-14	1		23-30	2
							21-31			22-15	①		23-31	2
	13-1	2		14-1			21-32			22-16	1		23-32	2

00-2-1



Thank you very much for your reading.

Please click here to get more information.