

# SHOP MANUAL

## **KOMATSU**

# **PW210-1**

MACHINE MODEL    SERIAL No.

**PW210-1                    10001 and up**

- 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.
- PW210-1 mount the S6D105-1 engine.  
For details of the engine, see the 6D105 Series Engine Shop Manual.

# 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
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 AIR SYSTEM</b>	
51 STRUCTURE AND FUNCTION .....	51-1
<b>60 HYDRAULIC 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 ELETRONIC SYSTEM</b>	
81 STRUCTURE AND FUNCTION .....	81-1
82 TESTING AND ADJUSTING .....	82-1

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
○	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	Time of revision	Mark	Page	Time of revision	Mark	Page	Time of revision	Mark	Page	Time of revision	Mark	Page	Time of revision
●	00- 1	②		12- 1	①		13-19	①		21-24			23-12	①
	00- 2	①		12- 2	①		13-20	①		21-25			23-13	①
●	00- 2-1	②		12- 3	①		13-21	①		21-26			23-14	①
●	00- 2-2	②		12- 4	①					21-27			23-15	①
●	00- 2-3	②		12- 5	①					21-28			23-16	①
	00- 3			12- 6	①		21- 1			21-29			23-17	①
	00- 4			12- 7	①		21- 2			21-30			23-18	①
	00- 5			12- 8	①		21- 3			21-31			23-19	①
	00- 6		●	12- 9	②		21- 4			21-32			23-20	①
	00- 7						21- 5			21-33			23-21	①
	00- 8			13- 1	①		21- 6			21-34			23-22	①
	00- 9			13- 2	①		21- 7			21-35			23-23	①
	00-10			13- 3	①		21- 8			21-36			23-24	①
	00-11			13- 4	①		21- 9			21-37			23-25	①
	00-12			13- 5	①		21-10			21-38			23-26	①
				13- 6	①		21-11			21-39			23-27	①
				13- 7	①		21-12						23-28	①
	11- 1			13- 8	①		21-13			23- 1	①		23-29	①
	11- 2			13- 9	①		21-14			23- 2	①		23-30	①
	11- 3			13-10	①		21-15			23- 3	①		23-31	①
	11- 4			13-11	①		21-16			23- 4	①		23-32	①
	11- 5			13-12	①		21-17			23- 5	①		23-33	①
	11- 6			13-13	①		21-18			23- 6	①		23-34	①
	11- 7			13-14	①		21-19			23- 7	①		23-35	①
	11- 8			13-15	①		21-20			23- 8	①		23-36	①
	11- 9			13-16	①		21-21			23- 9	①		23-37	①
				13-17	①		21-22			23-10	①		23-38	①
				13-18	①		21-23			23-11	①		23-39	①

020K01

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

020K01

020K01

Mark	Page	Time of revision	Mark	Page	Time of revision	Mark	Page	Time of revision	Mark	Page	Time of revision	Mark	Page	Time of revision
○	62- 8-2	②		62-48	①		63- 1	①		63-41	①		82- 5	①
○	62- 8-3	②		62-49	①		63- 2	①		63-42	①		82- 6	①
	62- 9	①		62-50	①		63- 3	①		63-43	①		82- 7	①
	62-10	①		62-51	①		63- 4	①		63-44	①		82- 8	①
●	62-11	②	●	62-52	②		63- 5	①		63-45	①			
●	62-12	②		62-53	①		63- 6	①		63-46	①			
	62-13	①		62-54	①		63- 7	①		63-47	①			
	62-14	①		62-55	①		63- 8	①		63-48	①			
	62-15	①		62-56	①		63- 9	①		63-49	①			
	62-16	①		62-57	①		63-10	①		63-50	①			
	62-17	①		62-58	①		63-11	①		63-51	①			
	62-18	①		62-59	①		63-12	①		63-52	①			
	62-19	①	●	62-60	②		63-13	①		63-53	①			
	62-20	①		62-61	①		63-14	①		63-54	①			
	62-21	①		62-62	①		63-15	①		63-55	①			
	62-23	①		62-63	①		63-16	①		63-56	①			
	62-24	①		62-64	①		63-17	①		63-57	①			
	62-25	①		62-66	①		63-18	①						
	62-26	①		62-67	①		63-19	①						
	62-27	①		62-68	①		63-20	①		64- 1				
	62-28	①		62-69	①		63-21	①		64- 2				
	62-29	①		62-70	①		63-22	①		64- 3				
	62-30	①		62-71	①		63-23	①		64- 4				
	62-31	①		62-72	①		63-24	①		64- 5				
	62-32	①		62-73	①		63-25	①		64- 6				
	62-33	①		62-74	①		63-26	①		64- 7				
	62-34	①		62-75	①		63-27	①		64- 8				
	62-35	①		62-76	①		63-28	①		64- 9				
	62-36	①		62-77	①		63-29	①		64-10				
	62-37	①		62-78	①		63-30	①		64-11				
	62-38	①		62-79	①		63-31	①		64-12				
	62-39	①		62-80	①		63-32	①						
	62-40	①		62-81	①		63-33	①						
	62-41	①		62-82	①		63-34	①		81- 1				
	62-42	①		62-83	①		63-35	①		81- 2				
	62-43	①		62-84	①		63-36	①						
	62-44	①		62-85	①		63-37	①		82- 1	①			
	62-45	①					63-38	①		82- 2	①			
	62-46	①					63-39	①		82- 3	①			
	62-47	①					63-40	①		82- 4	①			

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

<https://shopservicemanual.com/>

Service Manuals from 2\$