

# SHOP MANUAL

## **KOMATSU**

### **PC1100-6**

### **PC1100SP-6**

### **PC1100LC-6**

MACHINE MODEL	SERIAL NUMBER
---------------	---------------

<b>PC1100-6</b>	<b>10001 and up</b>
<b>PC1100SP-6</b>	<b>10001 and up</b>
<b>PC1100LC-6</b>	<b>10001 and up</b>

- 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.
- PC1100-6 mount the SAA6D170-2 engine.  
For details of the engine, see the 6D170-2 Series Engine Shop Manual.

# CONTENTS

	No. of page
<b>01 GENERAL .....</b>	<b>01-1</b>
<b>10 STRUCTURE AND FUNCTION .....</b>	<b>10-1</b>
<b>20 TESTING AND ADJUSTING .....</b>	<b>20-1</b>
<b>30 DISASSEMBLY AND ASSEMBLY .....</b>	<b>30-1</b>
<b>40 MAINTENANCE STANDARD .....</b>	<b>40-1</b>
<b>90 OTHERS .....</b>	<b>90-1</b>

**LIST OF REVISED PAGES**

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 PAGE**

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	⑦		01- 1			10-13			10-43			10-74	
	00- 2	②		01- 2	④		10-14			10-44			10-75	
●	00- 2-1	⑦		01- 3	④		10-15			10-45			10-76	
●	00- 2-2	⑦		01- 3-1	④		10-16			10-46			10-77	
●	00- 2-3	⑦		01- 4	①		10-17			10-47			10-78	
●	00- 2-4	⑦		01- 5			10-18			10-48			10-79	
●	00- 2-5	⑦		01- 5-1	④		10-19			10-49			10-80	
	00- 3			01- 5-2	④		10-20			10-50			10-82	
	00- 4			01- 6	④		10-21			10-51			10-83	
	00- 5			01- 7			10-22			10-52			10-84	
	00- 6			01- 7-1	④		10-23	④		10-53			10-86	
	00- 7			01- 7-2	④		10-24			10-54			10-87	
	00- 8			01- 8			10-26			10-55			10-88	
	00- 9			01- 9			10-27			10-57			10-89	
	00-10						10-28			10-58			10-90	
	00-11						10-29			10-59			10-91	
	00-12			10- 1			10-30			10-60			10-92	
	00-13			10- 2			10-31			10-61			10-93	
	00-14			10- 3			10-33			10-62			10-94	
	00-15			10- 4			10-34			10-64			10-95	
	00-16			10- 5			10-35			10-65			10-96	
	00-17			10- 6			10-36			10-66			10-97	
	00-18			10- 7	①		10-37			10-67			10-98	
	00-19			10- 8			10-38			10-68			10-99	
	00-20			10- 9			10-39			10-69			10-100	
	00-21			10-10			10-40			10-70			10-101	
	00-22			10-11			10-41			10-72			10-102	
				10-12			10-42			10-73			10-104	

**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
	10-105			10-151			20-10-6	④		20-121	①		20-214	③
	10-106			10-152			20-10-7	④		20-122	①		20-215	③
	10-107			10-153			20-10-8	④		20-123	①		20-216	③
	10-108			10-154			20-10-9	④		20-124	①		20-217	③
	10-109			10-155			20-11	①		20-125	①		20-218	③
	10-110			10-156			20-12	①		20-126	①		20-219	③
	10-111			10-157			20-13	①		20-127	①		20-220	③
	10-112			10-158			20-14	①		20-128	①		20-221	③
	10-113			10-159			20-15	①		20-129	①		20-222	③
	10-114			10-160			20-16	①		20-130	①		20-223	③
	10-115			10-161			20-17	①		20-131	①		20-224	③
	10-116			10-162			20-18	①		20-132	①		20-225	③
	10-117			10-164			20-19	①		20-133	①		20-226	③
	10-118			10-165			20-20	①		20-134	①		20-227	③
	10-119			10-166			20-21	①		20-135	①		20-228	③
	10-120			10-167			20-22	①		20-136	①		20-229	③
	10-121	④		10-168			20-23	①		20-137	①		20-230	③
	10-126			10-169			20-24	①		20-138	①		20-231	③
	10-127			10-170			20-25	①		20-139	①		20-232	③
	10-128			10-171						20-140	①		20-233	③
	10-129			10-172			20-101	①		20-141	①		20-234	③
	10-130			10-173			20-102	①		20-142	①		20-235	④
	10-131			10-174			20-103	①		20-143	①		20-236	③
	10-132						20-104	①		20-144	①		20-237	③
	10-133						20-105	①		20-145	①		20-238	③
	10-134			20- 1	④		20-106	①		20-146	①		20-239	③
	10-135		●	20- 2	⑦		20-107	①		20-147	①		20-240	③
	10-137			20- 3	④		20-108	①					20-241	④
	10-138			20- 4	①		20-109	①		20-201	③		20-242	③
	10-139			20- 5	①	●	20-110	⑦		20-202	③		20-243	③
	10-140			20- 6	①	●	20-111	⑦		20-203	③		20-244	③
	10-141			20- 7	①		20-112	①		20-204	③		20-245	③
	10-142			20- 8	①		20-113	①		20-205	③		20-246	③
	10-143			20- 9	①		20-114	①		20-206	③		20-248	③
	10-144			20-10	①		20-115	①		20-207	③		20-249	③
	10-146			20-10-1	④	●	20-116	⑦		20-208	③		20-250	③
	10-147			20-10-2	④		20-117	①		20-209	③		20-251	③
	10-148			20-10-3	④		20-118	①		20-210	③		20-252	③
	10-149			20-10-4	④		20-119	①		20-211	③		20-253	③
	10-150			20-10-5	④		20-120	①		20-212	③			

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
	20-301	③		20-380	③		20-421	③		20-489	③		20-570	③
	20-302	③		20-381	③		20-422	③		20-490	③		20-571	③
	20-303	③		20-382	③					20-491	③		20-572	③
	20-304	③		20-383	③		20-451	③		20-492	③		20-573	③
	20-305	③		20-384	③		20-452	③		20-493	③		20-574	③
	20-306	③		20-385	③		20-453	③		20-494	③		20-575	③
	20-307	③		20-386	③		20-454	③					20-576	③
	20-308	③		20-388	③		20-455	③		20-501	③		20-577	③
	20-309	③		20-389	③		20-456	③		20-502	③		20-578	③
	20-310	③		20-390	③		20-457	③		20-503	③		20-579	③
				20-391	③		20-458	③		20-504	③		20-580	③
	20-351	④		20-392	③		20-459	③		20-505	③		20-581	③
	20-352	③		20-393	③		20-460	③		20-506	③		20-582	③
	20-353	④		20-394	③		20-461	③		20-507	③		20-583	③
	20-354	③		20-395	③		20-462	③		20-508	③			
	20-355	③		20-396	③		20-463	③		20-509	③		20-601	③
	20-356	③		20-397	③		20-465	③		20-510	③		20-602	③
	20-357	③		20-398	③		20-466	③		20-511	③		20-603	③
	20-358	④		20-399	④		20-467	③		20-512	③		20-604	③
	20-359	④					20-468	③		20-513	③		20-605	③
	20-360	③		20-401	③		20-469	③		20-514	③		20-606	③
	20-361	③		20-402	③		20-470	③					20-607	③
	20-362	③		20-403	③		20-471	③		20-551	③		20-608	③
	20-363	③		20-404	③		20-472	③		20-552	③		20-609	③
	20-364	③		20-405	③		20-473	③		20-553	③		20-610	③
	20-365	④		20-406	③		20-474	③		20-554	③		20-611	③
	20-366	③		20-407	③		20-475	③		20-555	③		20-612	③
	20-367	③		20-408	③		20-476	③		20-556	③		20-613	③
	20-368	③		20-409	③		20-477	③		20-557	③		20-614	③
	20-369	③		20-410	③		20-478	③		20-558	③		20-615	③
	20-370	③		20-411	③		20-479	③		20-560	③		20-616	③
	20-371	③		20-412	③		20-480	③		20-561	③		20-617	③
	20-372	③		20-413	③		20-481	③		20-562	③		20-618	③
	20-373	③		20-414	③		20-482	③		20-563	③		20-619	③
	20-374	③		20-415	③		20-483	③		20-564	③		20-620	③
	20-375	③		20-416	③		20-484	③		20-565	③		20-621	③
	20-376	③		20-417	③		20-485	③		20-566	③		20-622	③
	20-377	③		20-418	③		20-486	③		20-567	③		20-623	③
	20-378	③		20-419	③		20-487	③		20-568	③		20-624	③
	20-379	③		20-420	③		20-488	③		20-569	③		20-625	③

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

<https://shopservicemanual.com/>

Service Manuals from 2\$