

SHOP MANUAL

KOMATSU

advance **LOADER**

WA600-3

MACHINE MODEL

SERIAL NUMBER

WA600-3

50001 and up

WA600-3D (TBG SPEC.)

50001 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.
- WA600-3 mounts the SA6D170E-2 or SAA6D170E-3 engine.
For details of the engine, see the 6D170-2 or 6D170-3 Series Engine Shop Manual.

CONTENTS

01	GENERAL	01-1
10	STRUCTURE AND FUNCTION	10-1
20	TESTING AND ADJUSTING	20-1
30	DISASSEMBLY AND ASSEMBLY	30-1
40	MAINTENANCE STANDARD	40-1
90	OTHERS	90-1

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	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number
●	00-1	(18)		01-12	(10)		10-24			10-61	(6)		10-95	
	00-2	(2)		01-13	(16)		10-25		●	10-61-1	(18)		10-96	
●	00-2-1	(18)		01-14	(16)		10-26		○	10-61-2	(18)		10-97	
●	00-2-2	(18)		01-15	(16)		10-27			10-62			10-98	(16)
●	00-2-3	(18)					10-28	(6)		10-63	(1)		10-98-1	(16)
●	00-2-4	(18)		10-1	(15)		10-29			10-64	(1)		10-99	
●	00-2-5	(18)		10-2			10-30			10-65			10-100	
	00-3			10-4	(6)		10-31			10-66			10-101	(16)
	00-4			10-5			10-32			10-67			10-101-1	(16)
	00-5			10-5-1	(6)		10-33			10-68			10-102	
	00-6			10-5-2	(6)		10-34			10-69			10-103	(6)
	00-7			10-6	(6)		10-35			10-70			10-104	
	00-8			10-6-2	(16)		10-36			10-71			10-105	
	00-9			10-6-3	(6)		10-37			10-72			10-106	(6)
	00-10			10-6-4	(16)		10-38			10-73			10-108	(6)
	00-11			10-6-5	(15)		10-39			10-74			10-109	
	00-12			10-7	(6)		10-40			10-75			10-109-1	(6)
	00-13			10-7-1	(6)		10-41			10-76			10-109-2	(6)
	00-14			10-8	(6)		10-42			10-77		●	10-110	(18)
	00-15			10-9			10-43			10-78		●	10-111	(18)
	00-16			10-10	(6)		10-44			10-79		●	10-111-1	(18)
	00-17			10-11	(6)		10-45			10-80		●	10-111-2	(18)
	00-18			10-11-1	(6)		10-46			10-81		○	10-111-3	(18)
	00-19			10-11-2	(6)		10-47			10-82		○	10-111-4	(18)
	00-20			10-12	(6)		10-48			10-84	(6)		10-112	(16)
	00-21			10-13	(6)		10-49			10-85			10-113	
	00-22			10-14			10-50			10-85-1	(6)		10-114	
				10-14-1	(6)		10-51			10-85-2	(6)		10-115	
	01-1	(16)		10-14-2	(6)		10-52			10-86	(6)		10-116	
	01-2	(8)		10-14-3	(6)		10-53			10-87			10-117	
	01-2-1	(8)		10-14-4	(6)		10-54			10-87-1	(6)		10-118	
	01-2-2	(10)		10-14-5	(6)		10-54-1	(6)		10-87-2	(6)		10-119	
	01-3	(10)		10-15			10-54-2	(5)		10-88	(16)		10-120	
	01-4	(10)		10-16			10-54-3	(6)		10-88-1	(16)		10-121	(16)
	01-5	(10)		10-17			10-54-4	(5)		10-88-2	(16)		10-122	
	01-6	(16)		10-18			10-55	(16)		10-89	(16)		10-124	
	01-7	(16)		10-19			10-56	(16)		10-90			10-125	
	01-8	(10)		10-20			10-57	(16)		10-91			10-126	(16)
	01-9	(16)		10-21			10-58			10-92			10-127	
	01-10	(16)		10-22			10-59			10-93			10-128	
	01-11	(16)		10-23			10-60			10-94			10-129	

Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number
10-130			10-165-2	(3)		10-202	(6)		20-113-2	(6)		20-207	(1)	
10-131			10-165-3	(3)		10-203	(6)		20-113-3	(6)		20-208	(1)	
10-132			10-165-4	(3)		10-204	(6)		20-113-4	(6)		20-209	(1)	
10-133			10-165-5	(16)		10-205	(6)		20-114	(6)		20-210	(1)	
10-134			10-165-6	(3)					20-114-1	(6)		20-211	(1)	
10-135			10-165-7	(3)		20-1	(6)		20-114-2	(6)		20-212	(16)	
10-136			10-165-8	(3)		20-2	(6)		20-115	(6)		20-213	(16)	
10-137			10-165-9	(3)		20-2-1	(16)		20-116	(8)		20-214	(16)	
10-137-1	(1)		10-165-10	(3)		20-3	(16)		20-117	(6)		20-215	(16)	
10-137-2	(1)		10-165-11	(3)		20-4	(16)		20-118	(6)		20-216	(6)	
10-137-3	(1)		10-165-12	(3)		20-5	(16)		20-119	(1)		20-217	(1)	
10-137-4	(1)		10-165-13	(3)		20-6	(16)		20-120	(6)		20-218	(1)	
10-137-5	(1)		10-165-14	(3)		20-7	(16)		20-121	(1)		20-219	(1)	
10-137-6	(1)		10-165-15	(3)		20-7-1	(16)		20-122	(1)		20-219-1	(6)	
10-137-7	(1)		10-165-16	(3)		20-7-2	(16)		20-123	(1)		20-219-2	(16)	
10-137-8	(1)		10-166	(6)		20-7-3	(16)		20-124	(1)		20-219-3	(6)	
10-137-9	(6)		10-167	(16)		20-7-4	(16)		20-124-1	(6)		20-219-4	(7)	
10-137-10	(1)		10-167-1	(6)		20-7-5	(16)		20-124-2	(6)		20-219-5	(6)	
10-137-11	(6)		10-167-2	(6)		20-8	(4)		20-124-3	(6)		20-219-6	(6)	
10-137-12	(6)		10-168	(6)		20-9	(15)		20-124-4	(6)		20-219-7	(6)	
10-138			10-169	(6)		20-10	(16)		20-125	(6)		20-219-8	(6)	
10-139			10-170			20-11	(16)		20-126	(6)		20-220	(1)	
10-140			10-171			20-12	(16)		20-127	(1)		20-221	(1)	
10-141			10-172	(1)		20-13	(1)		20-127-1	(6)		20-222	(1)	
10-142			10-172-1	(6)		20-14	(16)		20-127-2	(6)		20-223	(1)	
10-143	(6)		10-173	(7)		20-15	(16)		20-128	(1)		20-224	(1)	
10-143-1	(6)		10-174			20-16	(15)		20-129	(1)		20-225	(1)	
10-144			10-175			20-17	(15)		20-130	(1)		20-226	(1)	
10-145			10-176	(6)		20-18	(6)		20-131	(1)		20-227	(1)	
10-146			10-177	(6)		20-19	(3)		20-132	(1)		20-228	(1)	
10-147			10-178	(6)		20-20	(3)		20-133	(1)		20-228-1	(6)	
10-148			10-179	(6)		20-101	(11)		20-134	(1)		20-228-2	(6)	
10-149			10-180	(6)		20-102	(16)		20-135	(1)		20-228-3	(6)	
10-150			10-181	(6)		20-103	(16)		20-136	(1)		20-228-4	(11)	
10-150-1	(6)		10-182	(6)		20-103-1	(14)		20-137	(1)		20-228-5	(6)	
10-150-2	(6)		10-183			20-103-2	(16)		20-138	(1)		20-228-6	(6)	
10-151	(6)		10-184			20-103-3	(16)		20-139	(1)		20-228-7	(11)	
10-151-1	(6)		10-185	(6)		20-104	(16)		20-140	(1)		20-228-8	(14)	
10-152			10-186			20-105	(16)		20-141	(1)		20-228-9	(14)	
10-153			10-187			20-105-1	(6)		20-142	(1)		20-228-10	(14)	
10-154	(6)		10-188			20-105-2	(6)		20-143	(1)		20-228-11	(14)	
10-155			10-189			20-106	(6)		20-144	(1)		20-228-12	(14)	
10-156			10-190			20-106-1	(6)		20-145	(1)		20-229	(8)	
10-157			10-191			20-106-2	(6)		20-146	(11)		20-230	(1)	
10-157-1	(6)		10-192	(6)		20-107	(6)		20-147	(1)		20-231	(1)	
10-158	(6)		10-193	(4)		20-107-1	(6)		20-148	(1)		20-232	(1)	
10-158-1	(6)		10-194	(4)		20-107-2	(6)		20-149	(16)		20-301	(16)	
10-159	(1)		10-195	(4)		20-108	(6)		20-150	(16)		20-302	(1)	
10-160	(16)		10-196	(4)		20-109	(6)		20-201	(8)		20-303	(1)	
10-161			10-197	(4)		20-110	(6)		20-202	(1)		20-304	(1)	
10-163			10-198	(4)		20-111	(1)		20-203	(1)		20-305	(1)	
10-164			10-199	(4)		20-112	(1)		20-204	(1)		20-306	(16)	
10-165	(16)		10-200	(6)		20-113	(6)		20-205	(1)		20-307	(1)	
10-165-1	(3)		10-201	(6)		20-113-1	(6)		20-206	(1)		20-308	(16)	

Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number
	20-309	(1)		20-390	(6)		20-432	(11)		20-623	(6)		20-704	(1)
	20-310	(1)		20-391	(6)		20-432-1	(11)		20-624	(6)		20-705	(1)
	20-311	(16)		20-392	(6)		20-433	(11)		20-625	(6)		20-706	(16)
	20-312	(16)		20-393	(6)		20-434	(6)		20-626	(6)		20-707	(16)
	20-313	(16)		20-394	(6)		20-501	(16)		20-627	(6)		20-708	(16)
	20-314	(16)		20-395	(6)		20-502	(6)		20-628	(6)		20-710	(16)
	20-315	(1)		20-396	(6)		20-503	(1)		20-628-1	(6)		20-711	(6)
	20-316	(16)		20-397	(6)		20-503-1	(6)		20-629	(1)		20-712	(8)
	20-317	(16)		20-398	(6)		20-503-2	(6)		20-630	(1)		20-713	(8)
	20-318	(16)		20-399	(8)		20-504	(1)		20-631	(1)		20-714	(6)
	20-319	(16)		20-399-1	(6)		20-505	(1)		20-632	(1)		20-716	(16)
	20-320	(16)		20-399-2	(16)		20-506	(6)		20-633	(1)		20-717	(6)
	20-321	(16)		20-399-3	(16)		20-507	(1)		20-634	(6)		20-718	(16)
	20-322	(16)		20-399-4	(6)		20-508	(16)		20-636	(1)		20-719	(16)
	20-323	(1)		20-399-5	(6)		20-509	(6)		20-637	(1)		20-720	(8)
	20-324	(16)		20-399-6	(6)		20-509-1	(6)		20-639	(1)		20-721	(16)
	20-351	(16)		20-399-7	(6)		20-510	(1)		20-640	(1)		20-722	(16)
	20-352	(16)		20-399-8	(6)		20-511	(1)		20-641	(1)		20-723	(16)
	20-353	(6)		20-399-9	(16)		20-512	(1)		20-642	(1)		20-724	(16)
	20-354	(6)		20-399-10	(6)		20-513	(1)		20-643	(1)		20-725	(16)
	20-356	(6)		20-399-11	(6)		20-514	(1)		20-644	(1)		20-726	(16)
	20-357	(16)		20-401	(6)		20-515	(1)		20-645	(1)		20-727	(16)
	20-358	(16)		20-402	(16)		20-516	(1)		20-646	(1)		20-728	(16)
	20-359	(16)		20-404	(6)		20-517	(1)		20-647	(1)		20-729	(16)
	20-360	(16)		20-405	(1)		20-518	(1)		20-649	(1)		20-730	(16)
	20-361	(16)		20-405-1	(6)		20-519	(6)		20-650	(1)		20-731	(16)
	20-362	(16)		20-405-2	(6)		20-520	(1)		20-651	(1)		20-732	(16)
	20-363	(16)		20-406	(1)		20-521	(16)		20-652	(1)		20-733	(16)
	20-364	(6)		20-407	(1)		20-522	(1)		20-653	(1)		20-734	(16)
	20-365	(6)		20-408	(16)		20-601	(8)		20-654	(1)		20-801	(6)
	20-366	(16)		20-409	(1)		20-602	(6)		20-655	(1)		20-801-2	(16)
	20-367	(6)		20-410	(16)		20-602-2	(6)		20-656	(1)		20-802	(16)
	20-368	(6)		20-411	(1)		20-603	(6)		20-657	(1)		20-804	(3)
	20-369	(6)		20-412	(6)		20-604	(1)		20-658	(1)		20-805	(3)
	20-370	(6)		20-413	(16)		20-605	(1)		20-659	(1)		20-806	(6)
	20-371	(6)		20-414	(16)		20-606	(1)		20-660	(1)		20-807	(8)
	20-372	(6)		20-415	(1)		20-608	(6)		20-661	(1)		20-808	(6)
	20-373	(6)		20-416	(16)		20-609	(1)		20-662	(1)		20-809	(8)
	20-374	(6)		20-416-1	(6)		20-610	(1)		20-663	(1)		20-809-1	(6)
	20-375	(6)		20-417	(16)		20-611	(1)		20-664	(1)		20-809-2	(6)
	20-376	(6)		20-418	(16)		20-613	(1)		20-665	(1)		20-810	(3)
	20-377	(6)		20-419	(1)		20-614	(16)		20-666	(1)		20-811	(3)
	20-378	(6)		20-420	(16)		20-615	(1)		20-667	(1)		20-812	(3)
	20-379	(6)		20-421	(1)		20-617	(1)		20-668	(1)		20-813	(3)
	20-380	(6)		20-422	(16)		20-617-1	(6)		20-670	(1)		20-814	(3)
	20-381	(6)		20-423	(1)		20-617-2	(6)		20-671	(1)		20-815	(3)
	20-382	(16)		20-424	(1)		20-617-3	(6)		20-672	(1)		20-816	(3)
	20-383	(16)		20-425	(1)		20-617-4	(6)		20-673	(1)		20-817	(3)
	20-384	(6)		20-426	(1)		20-617-5	(6)		20-674	(1)		20-818	(3)
	20-385	(6)		20-427	(16)		20-618	(6)		20-675	(1)		20-819	(3)
	20-386	(6)		20-428	(16)		20-619	(1)		20-676	(1)		20-820	(16)
	20-387	(6)		20-429	(1)		20-620	(6)		20-701	(16)		20-821	(16)
	20-388	(6)		20-430	(6)		20-621	(6)		20-702	(16)		20-822	(3)
	20-389	(6)		20-431	(16)		20-622	(6)		20-703	(1)		20-823	(3)

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

<https://shop servicemanual.com/>

Service Manuals from 2\$