

Shop Manual

WA250-5 WA250L-5 WA250PT-5 WA250PTL-5

WHEEL LOADER

SERIAL NUMBERS	WA250-5	70001 and up
	WA250L-5	70001 and up
	WA250PT-5	70001 and up
	WA250PTL-5	70001 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 2004 Komatsu
Printed in U.S.A.
Komatsu America Corp.

CONTENTS

	No. of page
01 GENERAL	01-1
10 STRUCTURE, FUNCTION AND MAINTENANCE STANDARD	10-1
20 TESTING AND ADJUSTING	20-1
30 DISASSEMBLY AND ASSEMBLY	30-1
90 OTHERS	90-1

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	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number
●	00- 1	(5)		10- 6			10- 51			10- 95			10-132	
●	00- 2	(5)		10- 8			10- 52			10- 96			10-133	
●	00- 2-1	(5)		10- 9			10- 53			10- 98			10-134	
●	00- 2-2	(5)		10- 10			10- 54			10- 99			10-135	
●	00- 2-3	(5)		10- 11			10- 55			10-100			10-136	
●	00- 2-4	(5)		10- 12	(4)		10- 56			10-101			10-137	
●	00- 3			10- 13			10- 58	(4)		10-102			10-138	(4)
●	00- 4			10- 14			10- 59			10-103			10-139	(4)
●	00- 5			10- 15			10- 60			10-104			10-140	(4)
●	00- 6			10- 16			10- 61			10-106	(4)		10-141	(4)
●	00- 7			10- 17			10- 62			10-107			10-142	(4)
●	00- 8			10- 18			10- 63			10-107-1	(4)		10-143	(4)
●	00- 9			10- 19			10- 64			10-107-2	(4)		10-143-1	(4)
●	00- 10			10- 20	(4)		10- 65			10-108	(4)		10-143-2	(4)
●	00- 11		●	10- 21	(5)		10- 66			10-109	(4)		10-144	
●	00- 12			10- 22			10- 67			10-109-1	(4)		10-145	
●	00- 13			10- 23			10- 68			10-109-2	(4)		10-146	
●	00- 14			10- 24			10- 69			10- 110			10-147	
●	00- 15			10- 25			10- 70			10- 111			10-148	(4)
●	00- 16			10- 26			10- 71			10- 112			10-149	
●	00- 17			10- 27			10- 72			10- 113			10-149-1	(4)
●	00- 18			10- 28			10- 73			10- 114			10-149-2	(4)
●	00- 19			10- 29			10- 74			10- 115	(4)		10-150	(4)
●	00- 20			10- 30			10- 75			10- 116	(4)		10-151	(4)
●	00- 21			10- 31			10- 76			10- 117			10-152	(4)
●	00- 22			10- 32			10- 77			10- 118			10-153	
				10- 33			10- 78			10-118-1	(4)		10-154	
				10- 34			10- 79			10-118-2	(4)		10-155	
	01- 1			10- 35			10- 80		●	10-118-3	(5)		10-156	
	01- 2	(4)		10- 36			10- 81			10-118-4	(4)		10-157	
●	01- 3	(4)		10- 37			10- 82			10- 119			10-157-1	(4)
	01- 4	(5)		10- 38			10- 83			10- 120			10-157-2	(4)
	01- 5	(4)		10- 39			10- 84			10- 121			10-157-3	(4)
	01- 6	(4)		10- 40			10- 85			10- 122			10-157-4	(4)
	01- 7	(4)		10- 41			10- 86			10- 123			10-157-5	(4)
●	01- 8	(4)		10- 42			10- 87			10- 124			10-157-6	(4)
	01- 9	(5)		10- 43			10- 88			10- 125			10-157-7	(4)
	(01- 10)			10- 44			10- 89			10- 126			10-157-8	(4)
				10- 46			10- 90			10- 127			10-159	(4)
	10- 1	(4)		10- 47			10- 91			10- 128			10-159-1	(4)
	10- 2			10- 48			10- 92			10- 129			10-159-2	(4)
	10- 3			10- 49			10- 93			10- 130			10-160	
	10- 4	(4)		10- 50			10- 94			10- 131			10-161	
	10- 5													

Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number
●	10-162	(5)		20- 5	(2)	●	20-158	(5)	●	20-250	(5)	●	20-420	(5)
	10-164			20- 6	(1)		20-159	(1)	●	20-251	(5)	●	20-422	(5)
	10-165			20-101	(2)	●	20-160	(5)	●	20-252	(5)	●	20-423	(5)
	10-166		●	20-102	(5)	●	20-161	(5)	●	20-253	(5)	●	20-424	(5)
	10-167		●	20-103	(5)		20-162	(1)	●	20-254	(5)	●	20-426	(5)
	10-168		●	20-104	(5)	●	20-163	(5)	●	20-301	(5)	●	20-427	(5)
	10-169		●	20-105	(5)	●	20-164	(5)	●	20-302	(5)	●	20-428	(5)
	10-170		●	20-106	(5)	●	20-165	(5)	●	20-303	(5)	●	20-429	(5)
	10-171			20-107	(1)	●	20-166	(5)	●	20-304	(5)	●	20-430	(5)
	10-172		●	20-108	(5)	●	20-167	(5)	●	20-305	(5)	●	20-431	(5)
	10-173		●	20-109	(5)		20-168	(2)	●	20-306	(5)	●	20-432	(5)
	10-174		●	20-110	(5)		20-169	(1)	●	20-307	(5)	●	20-433	(5)
	10-175		●	20-111	(5)	●	20-201	(5)	●	20-308	(5)	●	20-434	(5)
	10-176			20-112	(1)	●	20-202	(5)	●	20-309	(5)	●	20-435	(5)
	10-177			20-113	(1)	●	20-203	(5)	●	20-310	(5)	●	20-436	(5)
●	10-178	(5)		20-114	(1)	●	20-204	(5)	●	20-311	(5)	●	20-437	(5)
	10-179			20-115	(1)	●	20-205	(5)	●	20-312	(5)	●	20-438	(5)
	10-180			20-116	(1)	●	20-206	(5)	●	20-313	(5)	●	20-439	(5)
	10-181		●	20-117	(5)	●	20-207	(5)	●	20-314	(5)	●	20-440	(5)
	10-182			20-118	(1)	●	20-208	(5)	●	20-315	(5)	●	20-442	(5)
	10-183			20-119	(2)	●	20-209	(5)	●	20-316	(5)	●	20-443	(5)
	10-184			20-120	(2)	●	20-210	(5)	●	20-317	(5)	●	20-444	(5)
	10-185			(20-121)		●	20-211	(5)	●	20-318	(5)	●	20-445	(5)
	10-186		●	20-122	(5)	●	20-212	(5)	●	20-319	(5)	●	20-446	(5)
	10-187			20-123	(1)	●	20-213	(5)	●	20-320	(5)	●	20-447	(5)
	10-188			20-124	(1)	●	20-214	(5)	●	20-321	(5)	●	20-448	(5)
●	10-189	(5)	●	20-125	(5)	●	20-215	(5)	●	20-322	(5)	●	20-449	(5)
	10-190			20-126	(1)	●	20-216	(5)	●	20-323	(5)	●	20-450	(5)
	10-191		●	20-127	(5)	●	20-218	(5)	●	20-324	(5)	●	20-451	(5)
	10-192		●	20-128	(5)	●	20-219	(5)	●	20-325	(5)	●	20-452	(5)
	10-193			20-129	(1)	●	20-220	(5)	●	20-326	(5)	●	20-453	(5)
	10-194			20-130	(1)	●	20-221	(5)	●	20-327	(5)	●	20-454	(5)
	10-195		●	20-131	(5)	●	20-222	(5)	●	20-328	(5)	●	20-455	(5)
	10-196			20-132	(1)	●	20-223	(5)	●	20-351	(5)	●	20-456	(5)
	10-197			20-133	(1)	●	20-224	(5)	●	20-352	(5)	●	20-457	(5)
	10-198			20-134	(1)	●	20-225	(5)	●	20-353	(5)	●	20-458	(5)
	10-199	(4)		20-135	(1)	●	20-226	(5)	●	20-354	(5)		20-501	(2)
	10-200			20-136	(1)	●	20-227	(5)	●	20-355	(5)	●	20-502	(5)
	10-201			20-137	(1)	●	20-228	(5)	●	20-356	(5)	●	20-503	(5)
	10-202			20-138	(1)	●	20-229	(5)	●	20-357	(5)	●	20-504	(5)
	10-203			20-139	(1)	●	20-230	(5)		20-401	(1)	●	20-506	(5)
	10-204		●	20-140	(5)	●	20-231	(5)	●	20-402	(5)	●	20-507	(5)
	10-205		●	20-141	(5)	●	20-232	(5)	●	20-403	(5)	●	20-508	(5)
	10-206			20-142	(1)	●	20-233	(5)	●	20-404	(5)	●	20-510	(5)
	10-207			20-143	(1)	●	20-234	(5)	●	20-405	(5)	●	20-511	(5)
	10-208			20-144	(1)	●	20-235	(5)	●	20-406	(5)	●	20-512	(5)
	10-209	(4)		20-145	(1)	●	20-236	(5)	●	20-407	(5)	●	20-513	(5)
	10-210	(4)		20-146	(1)	●	20-237	(5)	●	20-408	(5)	●	20-514	(5)
	10-211			20-147	(1)	●	20-238	(5)	●	20-409	(5)	●	20-515	(5)
	10-212			20-148	(1)	●	20-239	(5)	●	20-410	(5)	●	20-516	(5)
	10-213		●	20-149	(5)	●	20-240	(5)	●	20-411	(5)	●	20-517	(5)
	10-214			20-150	(1)	●	20-241	(5)	●	20-412	(5)	●	20-518	(5)
	10-215	(4)		20-151	(1)	○	20-242	(5)	●	20-413	(5)	●	20-519	(5)
	10-216			20-152	(1)	●	20-243	(5)	●	20-414	(5)	●	20-520	(5)
			●	20-153	(5)	●	20-244	(5)	●	20-415	(5)	●	20-521	(5)
●	20- 1	(5)		20-154	(1)	●	20-245	(5)	●	20-416	(5)	●	20-522	(5)
●	20- 2	(5)		20-155	(1)	●	20-246	(5)	●	20-417	(5)	●	20-523	(5)
	20- 3	(1)		20-156	(2)	●	20-247	(5)	●	20-418	(5)	●	20-524	(5)
	20- 4	(1)	●	20-157	(5)	●	20-248	(5)	●	20-419	(5)	●	20-526	(5)

Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number	Mark	Pages	Revision number
●	20-527	(5)	●	20-613	(5)		30- 24	(3)		30- 83	(3)		30-142	(3)
●	20-529	(5)	●	20-614	(5)		30- 25	(3)		30- 84	(3)		30-143	(3)
●	20-530	(5)	●	20-615	(5)		30- 26	(3)		30- 85	(3)		30-144	(3)
●	20-531	(5)	●	20-617	(5)		30- 27	(3)		30- 86	(3)		30-145	(3)
●	20-532	(5)	●	20-618	(5)		30- 28	(3)		30- 87	(3)		30-146	(3)
●	20-533	(5)	●	20-619	(5)		30- 29	(3)		30- 88	(3)		30-147	(3)
●	20-534	(5)	●	20-620	(5)		30- 30	(3)		30- 89	(3)		30-148	(3)
●	20-535	(5)	●	20-621	(5)		30- 31	(3)		30- 90	(3)		30-149	(3)
●	20-535-1	(5)	●	20-622	(5)		30- 32	(3)		30- 91	(3)		30-150	(3)
●	20-535-2	(5)	●	20-623	(5)		30- 33	(3)		30- 92	(3)		30-151	(3)
●	20-535-3	(5)	●	20-624	(5)		30- 34	(3)		30- 93	(3)		30-152	(3)
●	20-535-4	(5)	●	20-625	(5)		30- 35	(3)		30- 94	(3)		30-153	(3)
●	20-535-5	(5)		20-701	(1)		30- 36	(3)		30- 95	(3)		30-154	(3)
●	20-535-6	(5)	●	20-702	(5)		30- 37	(3)		30- 96	(3)		30-155	(3)
●	20-536	(5)	●	20-703	(5)		30- 38	(3)		30- 97	(3)		30-156	(3)
●	20-537	(5)	●	20-704	(5)		30- 39	(3)		30- 98	(3)		30-157	(3)
●	20-538	(5)	●	20-705	(5)		30- 40	(3)		30- 99	(3)		30-158	(3)
●	20-540	(5)	●	20-706	(5)		30- 41	(3)		30-100	(3)		30-159	(3)
●	20-541	(5)	●	20-707	(5)		30- 42	(3)		30-101	(3)		30-160	(3)
●	20-542	(5)	●	20-708	(5)		30- 43	(3)		30-102	(3)		30-161	(3)
●	20-543	(5)	●	20-709	(5)		30- 44	(3)		30-103	(3)		30-162	(3)
●	20-544	(5)	●	20-710	(5)		30- 45	(3)		30-104	(3)		30-163	(3)
●	20-545	(5)	●	20-711	(5)		30- 46	(3)		30-105	(3)		30-164	(3)
●	20-546	(5)	●	20-712	(5)		30- 47	(3)		30-106	(3)		30-165	(3)
●	20-547	(5)	●	20-713	(5)		30- 48	(3)		30-107	(3)		30-166	(3)
●	20-548	(5)	●	20-714	(5)		30- 49	(3)		30-108	(3)		30-167	(3)
●	20-549	(5)	●	20-715	(5)		30- 50	(3)		30-109	(3)		30-168	(3)
●	20-550	(5)	●	20-716	(5)		30- 51	(3)		30-110	(3)		30-169	(3)
●	20-551	(5)	●	20-717	(5)		30- 52	(3)		30-111	(3)		30-170	(3)
●	20-552	(5)	●	20-718	(5)		30- 53	(3)		30-112	(3)		30-171	(3)
●	20-553	(5)	●	20-719	(5)		30- 54	(3)		30-113	(3)		30-172	(3)
●	20-554	(5)	●	20-720	(5)		30- 55	(3)		30-114	(3)		30-173	(3)
●	20-555	(5)	●	20-721	(5)		30- 56	(3)	●	30-115	(5)		30-174	(3)
●	20-556	(5)	●	20-722	(5)		30- 57	(3)		30-116	(3)		30-175	(3)
●	20-557	(5)	●	20-723	(5)		30- 58	(3)		30-117	(3)		30-176	(3)
●	20-558	(5)	●	20-724	(5)		30- 59	(3)		30-118	(3)		30-177	(3)
●	20-559	(5)					30- 60	(3)		30-119	(3)		30-178	(3)
●	20-560	(5)		30- 1	(3)		30- 61	(3)		30-120	(3)		30-179	(3)
●	20-561	(5)		30- 2	(3)		30- 62	(3)		30-121	(3)		30-180	(3)
●	20-562	(5)		30- 3	(3)		30- 63	(3)		30-122	(3)	●	30-181	(5)
●	20-563	(5)		30- 4	(3)		30- 64	(3)		30-123	(3)	●	30-182	(5)
●	20-564	(5)		30- 5	(3)		30- 65	(3)		30-124	(3)	○	30-182-1	(5)
●	20-565	(5)		30- 6	(3)		30- 66	(3)		30-125	(3)		30-183	(3)
●	20-566	(5)		30- 7	(3)		30- 67	(3)		30-126	(3)		30-184	(3)
●	20-567	(5)		30- 8	(3)		30- 68	(3)		30-127	(3)		30-185	(3)
●	20-568	(5)	●	30- 9	(5)		30- 69	(3)		30-128	(3)		30-186	(3)
●	20-569	(5)		30- 10	(3)		30- 70	(3)		30-129	(3)		30-187	(3)
	20-601	(2)		30- 11	(3)		30- 71	(3)		30-130	(3)		30-188	(3)
●	20-602	(5)		30- 12	(3)		30- 72	(3)		30-131	(3)		30-189	(3)
●	20-603	(5)		30- 13	(3)	●	30- 73	(5)		30-132	(3)		30-190	(3)
●	20-604	(5)		30- 14	(3)		30- 74	(3)		30-133	(3)		30-191	(3)
●	20-605	(5)		30- 15	(3)		30- 75	(3)		30-134	(3)		30-192	(3)
●	20-606	(5)		30- 16	(3)		30- 76	(3)		30-135	(3)		30-193	(3)
●	20-607	(5)		30- 18	(3)		30- 77	(3)		30-136	(3)	●	30-194	(5)
●	20-608	(5)		30- 19	(3)		30- 78	(3)		30-137	(3)		30-195	(3)
●	20-609	(5)		30- 20	(3)		30- 79	(3)		30-138	(3)		30-196	(3)
●	20-610	(5)		30- 21	(3)		30- 80	(3)		30-139	(3)		30-197	(3)
●	20-611	(5)		30- 22	(3)		30- 81	(3)		30-140	(3)		30-198	(3)
●	20-612	(5)		30- 23	(3)		30- 82	(3)		30-141	(3)		30-199	(3)

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

<https://shopservicemanual.com/>

Service Manuals from 2\$