

# Shop Manual

# WA380-6

## WHEEL LOADER

**SERIAL NUMBERS WA380-6 A53001 and up**

**ENGINE 6D107E-1**

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 2012 Komatsu  
Printed in U.S.A.  
Komatsu America Corp.

## CONTENTS

01	GENERAL .....	01-1
10	STRUCTURE, FUNCTION AND MAINTENANCE STANDARD .....	10-1
20	STANDARD VALUE TABLES .....	20-1
30	TESTING AND ADJUSTING .....	30-1
40	TROUBLESHOOTING .....	40-1
50	DISASSEMBLY AND ASSEMBLY .....	50-1
90	DIAGRAMS AND SCHEMATICS .....	90-1

# FOREWORD

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

Mark	Indication	Action
○	New page to be added	Add
●	Page to be replaced	Replace
( )	Page to be deleted	Discard

Mark	Page	Rev	Mark	Page	Rev	Mark	Page	Rev	Mark	Page	Rev
●	00-1	③		00-14	②		01-6	②		10-20	②
	00-2	②		00-15	②		01-7	②		10-21	②
●	00-2-1	③		00-16	②		01-8	②		10-22	②
●	00-2-2	③		00-17	②		01-9	②	●	10-23	③
●	00-2-3	③		00-18	②		01-10	②		10-24	②
●	00-2-4	③		00-19	②		01-11	②		10-25	②
●	00-2-5	③		00-20	②		01-12	②		10-26	②
●	00-2-6	③		00-21	②		01-13	②		10-27	②
●	00-2-7	③		00-22	②		01-14	②		10-28	②
●	00-2-8	③		00-23	②					10-29	②
●	00-2-9	③		00-24	②		10-1	②		10-30	②
●	00-2-10	③		00-25	②		10-2	②		10-31	②
●	00-2-11	③		00-26	②		10-3	②		10-32	②
●	00-2-12	③		00-27	②		10-4	②		10-33	②
●	00-2-13	③		00-28	②		10-5	②		10-34	②
●	00-2-14	③		00-29	②		10-6	②		10-35	②
( )	00-2-15	③		00-30	②		10-7	②		10-36	②
( )	00-2-16	③		00-31	②		10-8	②		10-37	②
	00-3	②		00-32	②		10-9	②		10-38	②
	00-4	②		00-33	②		10-10	②		10-39	②
	00-5	②		00-34	②		10-11	②		10-40	②
	00-6	②		00-35	②		10-12	②		10-41	②
	00-7	②		00-36	②		10-13	②		10-42	②
	00-8	②					10-14	②		10-43	②
	00-9	②		01-1	②		10-15	②		10-44	②
	00-10	②		01-2	②		10-16	②		10-45	②
	00-11	②		01-3	②		10-17	②		10-46	②
	00-12	②		01-4	②		10-18	②		10-47	②
	00-13	②		01-5	②		10-19	②		10-48	②

# FOREWORD

Mark	Page	Rev	Mark	Page	Rev	Mark	Page	Rev	Mark	Page	Rev
	10-49	②		10-82	②		10-115	②		10-148	②
	10-50	②		10-83	②		10-116	②		10-149	②
	10-51	②		10-84	②		10-117	②		10-150	②
	10-52	②		10-85	②		10-118	②		10-151	②
	10-53	②		10-86	②		10-119	②		10-152	②
	10-54	②		10-87	②		10-120	②		10-153	②
	10-55	②		10-88	②		10-121	②		10-154	②
	10-56	②		10-89	②		10-122	②		10-155	②
	10-57	②		10-90	②		10-123	②		10-156	②
	10-58	②		10-91	②		10-124	②		10-157	②
	10-59	②		10-92	②		10-125	②		10-158	②
	10-60	②		10-93	②		10-126	②		10-159	②
	10-61	②		10-94	②		10-127	②		10-160	②
	10-62	②		10-95	②		10-128	②		10-161	②
	10-63	②		10-96	②		10-129	②		10-162	②
	10-64	②		10-97	②		10-130	②		10-163	②
	10-65	②		10-98	②		10-131	②		10-164	②
	10-66	②		10-99	②		10-132	②		10-165	②
	10-67	②		10-100	②		10-133	②		10-166	②
	10-68	②		10-101	②		10-134	②		10-167	②
	10-69	②		10-102	②		10-135	②		10-168	②
	10-70	②		10-103	②		10-136	②		10-169	②
	10-71	②		10-104	②		10-137	②		10-170	②
	10-72	②		10-105	②		10-138	②		10-171	②
	10-73	②		10-106	②		10-139	②		10-172	②
	10-74	②		10-107	②		10-140	②		10-173	②
	10-75	②		10-108	②		10-141	②		10-174	②
	10-76	②		10-109	②		10-142	②		10-175	②
	10-77	②		10-110	②		10-143	②		10-176	②
	10-78	②		10-111	②		10-144	②		10-177	②
	10-79	②		10-112	②		10-145	②		10-178	②
	10-80	②		10-113	②		10-146	②		10-179	②
	10-81	②		10-114	②		10-147	②		10-180	②

# FOREWORD

Mark	Page	Rev	Mark	Page	Rev	Mark	Page	Rev	Mark	Page	Rev
	10-181	②		10-214	②		10-247	②		10-280	②
	10-182	②		10-215	②		10-248	②		10-281	②
	10-183	②		10-216	②		10-249	②		10-282	②
	10-184	②		10-217	②		10-250	②		10-283	②
	10-185	②		10-218	②		10-251	②		10-284	②
	10-186	②		10-219	②		10-252	②		10-285	②
	10-187	②		10-220	②		10-253	②		10-286	②
	10-188	②		10-221	②		10-254	②		10-287	②
	10-189	②		10-222	②		10-255	②		10-288	②
	10-190	②		10-223	②		10-256	②		10-289	②
	10-191	②		10-224	②		10-257	②		10-290	②
	10-192	②		10-225	②		10-258	②		10-291	②
	10-193	②		10-226	②		10-259	②		10-292	②
	10-194	②		10-227	②		10-260	②		10-293	②
	10-195	②		10-228	②		10-261	②		10-294	②
	10-196	②		10-229	②		10-262	②		10-295	②
	10-197	②		10-230	②		10-263	②		10-296	②
	10-198	②		10-231	②		10-264	②		10-297	②
	10-199	②		10-232	②		10-265	②		10-298	②
	10-200	②		10-233	②		10-266	②		10-299	②
	10-201	②		10-234	②		10-267	②		10-300	②
	10-202	②		10-235	②		10-268	②		10-301	②
	10-203	②		10-236	②		10-269	②		10-302	②
	10-204	②		10-237	②		10-270	②		10-303	②
	10-205	②		10-238	②		10-271	②		10-304	②
	10-206	②		10-239	②		10-272	②		10-305	②
	10-207	②		10-240	②		10-273	②		10-306	②
	10-208	②		10-241	②		10-274	②		10-307	②
	10-209	②		10-242	②		10-275	②		10-308	②
	10-210	②		10-243	②		10-276	②		10-309	②
	10-211	②		10-244	②		10-277	②		10-310	②
	10-212	②		10-245	②		10-278	②		10-311	②
	10-213	②		10-246	②		10-279	②		10-312	②

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

<https://shopservicemanual.com/>

Service Manuals from 2\$