

Shop Manual

WA500-3

WHEEL LOADER

SERIAL NUMBERS **WA500-3LE A70001** and up

ENGINE **NTA14C**

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 2013 Komatsu
Printed in U.S.A.
Komatsu America Corp.

March 2013

CONTENTS

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

PRODUCT PUBLICATIONS INFORMATION

VARIOUS PRODUCT PARTS & SERVICE PUBLICATIONS ARE AVAILABLE TO ALL **KOMATSU** CONSTRUCTION EQUIPMENT OWNERS, INCLUDING OPERATION & MAINTENANCE MANUALS, PARTS BOOKS AND SHOP MANUALS.

SPECIAL PUBLICATIONS SUCH AS SERVICE TOOL, AIR CONDITIONING, AND TURBOCHARGER SHOP MANUALS ARE ALSO AVAILABLE AS WELL AS SELECTED OPERATION & MAINTENANCE AND SHOP MANUALS IN FOREIGN LANGUAGES.

THE PUBLICATIONS LISTED BELOW ARE AVAILABLE FOR THIS PARTICULAR MACHINE(S).

DESCRIPTION	FORM NUMBER
PARTS BOOK - PAPER:	
Engine and Chassis	BEPB002201
PARTS BOOK - MICROFICHE:	
Engine and Chassis	BEPM002201
OPERATION & MAINTENANCE MANUAL:	
Chassis	CEAM001400
Engine	3666095
SHOP MANUAL:	
Chassis	CEBM001203
Engine:	
Shop Manual	3810487
Troubleshooting & Repair Manual - Base Engine	3666142
Specifications Manual	3666090
Standard Repair Times	3666031
Performance Degradation Troubleshooting Procedure	3666006
Outer Base Circle Overhead Set Procedure	3666007
Overhead Set Specifications Service Bulletin	3666089
SAFETY MANUAL	WLT70-1

PARTS AND SERVICE PUBLICATIONS CAN ONLY BE ACQUIRED BY AUTHORIZED KOMATSU DISTRIBUTORS, USING THE KOMATSU AMERICA INTERNATIONAL COMPANY PARTS INFORMATION PROCESSING SYSTEM (PIPS).

IF THE PIPS SYSTEM IS NOT AVAILABLE AT THE DISTRIBUTOR LOCATION, THEN THE FOLLOWING REQUISITION FOR TECHNICAL SERVICE PUBLICATIONS AND SERVICE FORMS CAN BE USED. FORM KDC91D IS SHOWN ON THE REVERSE SIDE OF THIS PAGE.

MEMORANDUM

The affected pages are indicated with the following marks. Please update the manual by deleting, replacing and/or adding pages according to information in the table below.

Symbol	Indication	Action
○	New pages to be added	Add
●	Pages to be replaced	Replace
()	Pages to be deleted	Discard

Pages without symbols are not revised at this time.

LIST OF ORIGINAL, NEW AND REVISED PAGES

MARK	PAGE	REV	MARK	PAGE	REV	MARK	PAGE	REV	MARK	PAGE	REV
●	00-1	③		10-7	②		10-56			10-105	
	00-2			10-8	②		10-57			10-106	
●	00-2-1	③		10-9	②		10-58			10-107	
●	00-2-2	③		10-10			10-59			10-108	
●	00-2-3	③		10-11			10-60			10-109	
●	00-2-4	③		10-12			10-61			10-110	
●	00-2-5	③		10-13			10-62			10-111	
	00-2-6	②		10-14			10-63			10-112	
	00-1			10-15			10-64			10-113	
	00-2			10-16			10-65			10-114	
	00-3			10-17			10-66			10-115	
	00-4			10-18			10-67			10-116	
	00-5			10-19			10-68			10-117	
	00-6			10-20			10-69			10-118	
	00-7			10-21			10-70			10-119	
	00-8			10-22			10-71			10-120	
	00-9			10-23			10-72			10-121	
	00-10			10-24			10-73			10-122	
	00-11			10-25			10-74			10-123	
	00-12			10-26			10-75			10-124	
	00-13			10-27			10-76			10-125	
	00-14			10-28			10-77			10-126	
	00-15			10-29			10-78			10-127	
	00-16			10-30			10-79			10-128	
	00-17			10-31			10-80			10-129	
	00-18			10-32			10-81			10-130	
	01-1			10-33			10-82			10-131	
	01-2			10-34			10-83			10-132	
	01-3			10-35			10-84			10-133	
	01-4			10-36			10-85			10-134	
	01-5			10-37			10-86			10-135	
	01-6			10-38			10-87			10-136	
	01-7			10-39			10-88			10-137	
	01-8			10-40			10-89			10-138	
	01-9			10-41			10-90			10-139	
	01-10			10-42			10-91			10-140	
	01-11			10-43			10-92			10-141	
	01-12			10-44			10-93			10-142	
	01-13			10-45			10-94			10-143	
	01-14			10-46			10-95			10-144	
	01-15			10-47			10-96			10-145	
	01-16			10-48			10-97			10-146	
				10-49			10-98	②		10-147	
	10-1	②		10-50			10-99			10-148	
	10-1			10-51			10-100			10-149	
	10-3			10-52			10-101			10-150	
	10-4			10-52			10-102			10-151	
	10-5			10-54			10-103			10-152	
	10-6			10-55			10-104			10-153	②

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

<https://shopservicemanual.com/>

Service Manuals from 2\$