

# SHOP MANUAL

# **KOMATSU** *ADVANCE* **LOADER** **WA420-3**

MACHINE MODEL

SERIAL NUMBER

**WA420-3**

**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.
- WA420-3 mount the S6D108 engine.  
For details of the engine, see the 108 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>

U42403

**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	④		01- 4	②		10-23			10-52			10-80	③
	00- 2	①		01- 5	②		10-25			10-53			10-82	
●	00- 2-1	④		01- 6	②		10-26			10-54		○	10-82-2	④
●	00- 2-2	④		01- 7	②		10-27			10-55		●	10-83	④
●	00- 2-3	④		01- 8	②		10-28			10-56			10-84	
●	00- 2-4	④		01- 9	②		10-29			10-57			10-85	
●	00- 2-5	④		01-10	②		10-30			10-58			10-86	
	00- 3						10-31			10-59	①		10-87	
	00- 4			10- 1	②		10-32			10-60	①		10-88	
	00- 5			10- 3			10-33			10-61	①		10-90	②
	00- 6			10- 4			10-34			10-62			10-91	
	00- 7			10- 5			10-35			10-63			10-91-1	②
	00- 8			10- 6			10-36			10-64			10-91-2	②
	00- 9			10- 8			10-37			10-65	①		10-92	②
	00-10			10- 9			10-38			10-66	①		10-93	
	00-11			10-10			10-39			10-67	①		10-94	
	00-12			10-11			10-40			10-68			10-95	
	00-13			10-12			10-41			10-69	①		10-96	
	00-14			10-13			10-42			10-70			10-97	
	00-15			10-14			10-43			10-71			10-98	
	00-16			10-15			10-44			10-72			10-99	
	00-17			10-16			10-45			10-73			10-100	
	00-18			10-17			10-46			10-74			10-101	
	00-19			10-18			10-47			10-75			10-102	
				10-19			10-48			10-76			10-103	
	01- 1	②		10-20			10-49			10-77			10-104	
	01- 2	②		10-21			10-50			10-78			10-105	
	01- 3	②		10-22			10-51			10-79	③		10-106	

U42403

**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
	10-107	②		10-147			10-185			20-17			20-56	
	10-107-1	②		10-148	②		10-186			20-18			20-57	
	10-108			10-149			10-187			20-19			20-58	
	10-109			10-149-1	②		10-188			20-20			20-59	
	10-110			10-149-2	②		10-189			20-21			20-60	
	10-111			10-149-3	②		10-190			20-22			20-61	
	10-112			10-149-4	②		10-191			20-23			20-101	
	10-113			10-151			10-192			20-24			20-102	
	10-114			10-152			10-193			20-25			20-103	
	10-115			10-153			10-194			20-26			20-104	
	10-116			10-155			10-195			20-27			20-105	
	10-117			10-156			10-196			20-28			20-106	
	10-118			10-157			10-197			20-29			20-107	
	10-120			10-158			10-198			20-30			20-108	
	10-121			10-159	③		10-199			20-31			20-109	
	10-122			10-160			10-200			20-32			20-110	
	10-123			10-161			10-201			20-33			20-111	
	10-124			10-162			10-202			20-34			20-112	
	10-125			10-163			10-203			20-35			20-114	
	10-126			10-164			10-204			20-36			20-115	
	10-127			10-165			10-205			20-37			20-116	
	10-128			10-166			10-206			20-38			20-117	
	10-129			10-167						20-39			20-118	
	10-130			10-168		●	20- 1	④		20-40			20-119	
	10-131			10-169			20- 2			20-41			20-120	
	10-132			10-170			20- 3			20-42			20-121	
	10-134			10-171		●	20- 4	④		20-43			20-122	
	10-135			10-172		●	20- 5	④		20-44			20-123	
	10-136			10-173			20- 6		○	20-44-1	④		20-124	
	10-137			10-174			20- 7			20-45			20-125	
	10-138			10-175			20- 8			20-46			20-126	
	10-139			10-176			20- 9			20-47			20-127	
	10-140			10-177			20- 9-1	③		20-48			20-128	
	10-141			10-178			20-10			20-49			20-129	
	10-142			10-179			20-11			20-50			20-130	
	10-143	②		10-180			20-12			20-51			20-131	
	10-143-1	②		10-181			20-13			20-52			20-132	
	10-143-2	②		10-182			20-14			20-53				
	10-144			10-183			20-15			20-54			20-201	
	10-146	②		10-184			20-16			20-55			20-202	

U42403

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
	20-203			20-323			20-406			20-457			20-559	
	20-204			20-324			20-407			20-458			20-560	
	20-205			20-325			20-408			20-459			20-561	
	20-206			20-326			20-409			20-460			20-562	
	20-207			20-327			20-410			20-461			20-563	
	20-208			20-328			20-411			20-462			20-564	
	20-209			20-329			20-412			20-463			20-565	
	20-210			20-330			20-414			20-464			20-566	
	20-211			20-331			20-415			20-465			20-567	
	20-212			20-332			20-416			20-466			20-568	
	20-213			20-333			20-417			20-467			20-569	
	20-214			20-334			20-418			20-468			20-570	
	20-215			20-335			20-419			20-469			20-571	
	20-216						20-420			20-470			20-572	
	20-217			20-351			20-421			20-471			20-573	
	20-218			20-352			20-422			20-472			20-574	
	20-219			20-353			20-424			20-473			20-575	
				20-354			20-425						20-576	
	20-301			20-355			20-426			20-501			20-577	
	20-302			20-356			20-427			20-502			20-578	
	20-303			20-357			20-428			20-503			20-579	
	20-304			20-358			20-429			20-504			20-580	
	20-305			20-359			20-430			20-505			20-581	
	20-306			20-360			20-431			20-506			20-582	
	20-307			20-361			20-432			20-507			20-583	
	20-308			20-362			20-433			20-508				
	20-309			20-363			20-434			20-509			30- 1	①
	20-310			20-364			20-436			20-510		●	30- 2	④
	20-311			20-365			20-437			20-511			30- 3	①
	20-312			20-366			20-438			20-512			30- 4	①
	20-313			20-367			20-440			20-513			30- 5	①
	20-314			20-368			20-441						30- 6	①
	20-315			20-369			20-442			20-551			30- 7	①
	20-316			20-370						20-552			30- 9	①
	20-317						20-451			20-553			30-10	①
	20-318			20-401			20-452			20-554			30-11	①
	20-319			20-402			20-453			20-555			30-12	①
	20-320			20-403			20-454			20-556			30-13	①
	20-321			20-404			20-455			20-557			30-14	①
	20-322			20-405			20-456			20-558			30-15	③

U42403

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

<https://shopservicemanual.com/>

Service Manuals from 2\$