

Shop Manual

D60A,E,P,PL-8 D65A,E,P-8 D65E,P-8A

SERIAL NUMBERS 45001 and up

ENGINE 6D125-1

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 2010 Komatsu
Printed in U.S.A.
Komatsu America Corp.

July 1993

CONTENTS

	No. of page
10 ENGINE	
11 STRUCTURE AND FUNCTION	11-1
12 TESTING AND ADJUSTING	12-1
13 DISASSEMBLY AND ASSEMBLY	13-1
20 POWER TRAIN	
21 STRUCTURE AND FUNCTION	21-1
22 TESTING AND ADJUSTING	22-1
23 DISASSEMBLY AND ASSEMBLY	23-1
24 MAINTENANCE STANDARD	24-1
30 UNDERCARRIAGE	
31 STRUCTURE AND FUNCTION	31-1
33 DISASSEMBLY AND ASSEMBLY	33-1
34 MAINTENANCE STANDARD	34-1
60 HYDRAULIC SYSTEM	
61 STRUCTURE AND FUNCTION	61-1
62 TESTING AND ADJUSTING	62-1
63 DISASSEMBLY AND ASSEMBLY	63-1
64 MAINTENANCE STANDARD	64-1
70 WORK EQUIPMENT	
71 STRUCTURE AND FUNCTION	71-1
73 DISASSEMBLY AND ASSEMBLY	73-1
74 MAINTENANCE STANDARD	74-1
80 ELECTRIC AND ELECTRONIC SYSTEM	
81 STRUCTURE AND FUNCTION	81-1

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	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number
●	00- 1	⑨		13- 1	①		13-43	①		21-31	②		21- 65	⑦
	00- 2	⑤		13- 2	②		13-44	①		21-32			21- 66	
●	00- 2-1	⑨		13- 3	②		13-45	①		21-33			21- 67	
●	00- 2-2	⑨		13- 4	②		13-46	④	●	21-34	⑨		21- 68	④
●	00- 2-3	⑨		13- 5	①		13-48	①		21-35	⑦		21- 70	
	00- 3			13- 6	①		13-49	①	●	21-35-1	⑨		21- 71	
	00- 4			13- 7	①		13-50	①		21-35-2	⑦		21- 72	
	00- 5			13- 8	①		13-51	①	●	21-35-3	⑨		21- 73	
	00- 6			13-10	①		13-52	①		21-35-4	⑧		21- 74	
	00- 7			13-11	①		21- 1			21-36			21- 76	⑤
	00- 8			13-12	①		21- 2	②	●	21-38	⑨		21- 77	
	00- 9			13-13	①		21- 3	①		21-39	⑦		21- 78	③
	00-10			13-14	①		21- 4	③	●	21-39-1	⑨		21- 79	
	00-11			13-15	①		21- 5	①		21-39-2	⑦		21- 80	
	00-12			13-16	①		21- 6	⑦		21-40	③		21- 81	
	00-13			13-17	①		21- 7	⑦		21-41	③		21- 82	②
	00-14			13-18	①		21- 8	⑦		21-42			21- 83	②
	00-15			13-19	①		21- 8-1	⑦		21-43			21- 84	①
	00-16			13-20	①		21- 9	⑦		21-44	③		21- 85	③
	00-17	⑧		13-21	①		21-10	②		21-45	①		21- 86	
	00-18	⑧		13-22	⑥		21-11			21-46	①		21- 87	③
●	00-19	⑨		13-24	①		21-12			21-47			21- 88	
●	00-20	⑨		13-25	①		21-13			21-48	⑥		21- 89	
	11- 1			13-26	①		21-14		●	21-49	⑨		21- 90	④
	11- 2			13-27	①		21-15	②	●	21-50	⑨		21- 91	
	11- 3	②		13-28	①		21-16			21-51	⑦		22- 1	②
	11- 4	②		13-29	①		21-17	⑦		21-51-1	⑦		22- 2	⑧
	11- 5	②		13-30	①		21-18	①		21-51-2	⑦	●	22- 3	⑨
	11- 6	②		13-31	①		21-19	②		21-52	⑦		22- 4	⑦
	11- 7	②		13-32	①		21-20	②		21-53		●	22- 5	⑨
	11- 8	②		13-33	⑥		21-21			21-54	③	●	22- 6	⑨
	11- 9	③		13-34	①		21-22			21-55			22- 7	⑤
	12- 1	①		13-35	①		21-23			21-56			22- 8	③
	12- 2	③		13-36	①		21-24			21-57	⑦		22-101	②
	12- 2-1	⑤		13-37	①		21-25			21-58	⑧		22-103	①
	12- 3	⑥		13-38	①		21-26	④		21-59			22-104	③
	12- 4	①		13-39	①		21-27	④		21-60	①		22-105	①
	12- 5	②		13-40	①		21-28			21-61			22-106	②
	12- 6	②		13-41	②		21-29			21-63			22-107	①
	12- 7	②		13-42	①		21-30			21-64	⑥		22-108	①

Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number
	22-109	②		23- 49	①		23-105	①		24- 32			61- 6	④
	22-110	①		23- 50	①		23-106	①		24- 33	②		61- 7	②
	22-111	①		23- 51	①		23-108	①		24- 34	②		61- 8	
	22-112	①		23- 52	①		23-109	①		31- 1	②		61- 9	①
	23- 1	④		23- 53	①		23-110	①		31- 2	④		61- 10	④
	23- 2	①		23- 54	①		23-111	①		31- 3	③		61- 11	①
	23- 3	①		23- 55	①		23-112	⑦		31- 4	③		61- 12	
	23- 4	①		23- 56	①		23-113	⑦		31- 5	②		61- 13	①
	23- 5	①		23- 57	①		23-114	①		31- 6			61- 14	④
	23- 6	①		23- 58	③		23-115	①		31- 7			61- 15	②
	23- 7	①		23- 59	①		23-116	①		31- 8			61- 16	④
	23- 7-1	④		23- 60	①		23-117	①		31- 9			61- 17	
	23- 7-2	④		23- 61	①		23-118	①		31-10	①		61- 18	④
	23- 7-3	④		23- 62	①		23-120	①		31-11	①		61- 19	
	23- 7-4	④		23- 63	①		23-121	⑦		31-12	②		61- 20	④
	23- 7-5	④		23- 64	①		23-122	⑦		31-13	②		61- 21	④
	23- 7-6	④		23- 65	①		23-123	⑦		31-14	②		61- 22	
	23- 8	①		23- 66	③		23-124	⑦		31-15			61- 23	
	23- 10	①		23- 67	①		23-125	⑦		33- 1	①		61- 24	
	23- 11	②		23- 68	①		23-126	⑦		33- 2	①		61- 25	
	23- 12	①		23- 69	①		24- 1	⑦		33- 3	①		61- 26	④
	21- 13	①		23- 70	①		24- 2			33- 4	①		61- 27	④
	23- 14	①		23- 71	①		24- 3			33- 5	①		61- 28	
	23- 15	①		23- 72	①		24- 4			33- 6	①		61- 29	
	23- 16	①		23- 73	①		24- 5			33- 7	①		61- 30	
	23- 17	①		23- 74	①		24- 6			33- 8	①		62- 1	②
	23- 18	①		23- 76	①		24- 8			33- 9	①		62- 2	③
	23- 19	①		23- 77	①		24- 9	①		33-10	①		62- 3	③
	23- 20	①		23- 78	①		24- 10	④		33-11	③		62- 4	①
	23- 22	①		23- 79	①	●	24- 11	⑨		33-12	③		62-101	②
	23- 23	④		23- 80	①	●	24- 12	⑨		33-13	③		62-102	③
	23- 24	①		23- 81	①		24- 13	⑦		33-14	③		62-103	①
	23- 25	①		23- 82	①	●	24- 13-1	⑨		33-15	③		62-104	①
	23- 26	⑥		23- 83	①		24- 13-2	⑦		34- 1	②		62-105	①
	23- 27	①		23- 84	①	●	24- 13-3	⑨		34- 2	③		62-106	①
	23- 28	①		23- 85	①		24- 13-4	⑧		34- 3	⑥		62-107	①
	23- 29	①		23- 86	①		24- 14			34- 4	⑥		62-108	①
	23- 30	①		23- 87	①	●	24- 16	⑨		34- 5			62-109	①
	23- 31	①		23- 88	③		24- 17	④		34- 6			62-110	①
	23- 32	①	●	23- 89	⑨	●	24- 17-1	⑨		34- 7			62-111	①
	23- 33	①		23- 89-1	③		24- 17-2	⑦		34- 8			62-112	①
	23- 34	①		23- 89-2	③		24- 18	⑦		24-10			62-113	③
	23- 35	①		23- 90	①		24- 19	⑦		34-11			63- 1	①
	23- 36	①		23- 91	①		24- 20	⑦		34-12	⑤		63- 2	①
	23- 37	①		23- 92	①		24- 21	⑦		34-13	⑤		63- 3	①
	23- 38	①	●	23- 93	⑨		24- 22			34-14	⑤		63- 4	①
	23- 39	①		23- 94	①	●	24- 23	⑨		34-15	⑤		63- 5	①
	23- 40	①		23- 95	①		24- 24			34-20			63- 6	①
	23- 41	③		23- 96	①		24- 25	②		34-21			63- 7	①
	23- 42	①		23- 98	③		24- 26			34-22			63- 8	①
	23- 44	①		23- 99	①		24- 27			61- 1			63- 9	①
	23- 45	①		23-100	①		24- 28			61- 2	④		63- 10	①
	23- 46	①		23-102	①		24- 29	②		61- 3	④		63- 11	①
	23- 47	①		23-103	①	●	24- 30	⑨		61- 4			63- 12	①
	23- 48	①		23-104	①	●	24- 31	⑨		61- 5	①		63- 13	①

014012

Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number	Mark	Page	Revision number
	63-14	①												
	63-15	①												
	63-16	①												
	63-17	①												
	64- 1													
	64- 2													
	64- 3													
	64- 4													
	64- 5	②												
	64- 6													
	64- 7													
	64- 8													
	64- 9													
	64-10													
	71- 1													
	71- 2	④												
	71- 3	④												
	71- 4	④												
	71- 6													
	71- 7													
	73- 1	②												
	73- 2	③												
	73- 3	③												
	74- 4	③												
	73- 5	③												
	73- 5-1	②												
	73- 5-2	②												
	73- 6	④												
	73- 7	④												
	73- 8	①												
	73- 9	①												
	73-10	①												
	73-11	①												
	73-12	①												
	73-13	①												
	73-14	①												
	73-15	①												
	74- 1													
	74- 2	④												
	74- 3													
	74- 4													
	74- 6	④												
	74- 7													
	74- 8													
	74-10	④												
	74-11													
	74-12													
	74-13													
	81- 1													
	81- 3	①												
	81- 4	⑥												
	81- 5	⑧												
	81- 6	⑧												
	81- 7	⑧												

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

<https://shopservicemanual.com/>

Service Manuals from 2\$