

## NOTICE OF REVISIONS

Revisions in this edition are indicated by the following symbols in the list of revisions below. Please follow the following instructions.

Symbol	Explanation	Treatment
<b>A</b>	Added Page	Insert
<b>R</b>	Revised Page	Replace
<b>X</b>	Abolished Page	Discard

### LIST OF REVISIONS

**Rev.2**

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R	0-3	2		II-22		R	III-29	2		III-52	1		III-93	1
	0-4	1		III-1		R	III-30	2		III-53	1		III-94	1
	0-5	1		III-2	1	R	III-31	2		III-54	1		III-95	1
	0-6	1		III-3	1	R	III-32	2		III-55	1		III-96	1
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R	II-6	2		III-19	1		III-42			III-77	1		IV-21	1
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	II-11		R	III-22	2		III-45-2	1		III-82	1		IV-25	1
R	II-12	2	A	III-22-1	2		III-45-3	1		III-83	1		IV-26	1
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A	IV-48-4	2		IV-94			V-16							
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A	IV-48-6	2		IV-96	1		V-18	1						
A	IV-48-7	2		IV-96-1	1		V-19							
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R	IV-60	2		IV-108			ENGINE Model							
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R	IV-63	2	A	IV-111	2									
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	IV-67		A	IV-115	2									
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	IV-71	1	A	IV-119	2									
	IV-72		A	IV-120	2									
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	IV-74		A	IV-122	2									
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## **FOREWORD**

This manual is intended for persons who engage in maintenance operations, and explains procedures for disassembly and reassembly of the machine, check and maintenance procedures, maintenance reference values, troubleshooting and outline specifications, etc. Please use this manual as a reference in service activities to improve maintenance techniques.

Further, please be advised that items contained in this manual are subject to change without notice due to design modifications, etc.

### **MACHINE FRONT AND REAR, LEFT AND RIGHT**

The end where the bucket is mounted is the front and the end with the travel motors is the rear. Also the right and left sides of the operator when he is seated in the driver's seat are the right and left sides of the machine.

### **MACHINE SERIAL NUMBER**

The machine serial number is stamped on the identification plate. When sending reports and inquiries, and when ordering parts, etc., be sure to include this number.

### **MANUAL CONTROL**

Information on those to whom this manual is distributed is recorded in the ledger in the section in charge at this company, so please decide on a person to be in charge of it and control it. When there are updates or additions, etc., we will notify the person in charge.





- I . GENERAL**
- II . SPECIFICATIONS**
- III. MACHINE CONFIGURATION**
- IV. HYDRAULIC UNITS**
- V . TROUBLESHOOTING**
- VI. ENGINE**

