EEAM006007

Operation & Maintenance Manual

PC210-6K
PC210LC-6K
PC240LC-6K
PC240NLC-6K

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC210-6K - K34001 and up
PC210LC-6K
PC240LC-6K
PC240NLC-6K

KOMATSU®

July 2001

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CONTENTS

FOREWORD 1

SAFETY INFORMATION 3
- SAFETY MESSAGES 3
- NOISE 4
- VIBRATION 4

INTRODUCTION 5
- INTENDED USE 5
- FEATURES 5
- BREAKING IN YOUR NEW MACHINE 6

LOCATION OF PLATES, TABLES TO ENTER SERIAL NO. AND DISTRIBUTOR 7
- MACHINE SERIAL NO. PLATE POSITION 7
- ENGINE SERIAL NO. PLATE POSITION 7
- TABLE TO ENTER SERIAL NO. AND DISTRIBUTOR 7
- MACHINE SERIAL PLATE 8

SAFETY 13

GENERAL PRECAUTIONS 14

PRECAUTIONS DURING OPERATION 22
- BEFORE STARTING ENGINE 22
- OPERATING MACHINE 24
- TRANSPORTATION 31
- BATTERY 32
- TOWING 33
- BUCKET WITH HOOK 34

PRECAUTIONS FOR MAINTENANCE 37
- BEFORE CARRYING OUT MAINTENANCE 37
- DURING MAINTENANCE 40

POSITION FOR ATTACHING SAFETY LABELS 45
- POSITION FOR ATTACHING SAFETY LABELS 45

OPERATION 51

GENERAL VIEW 52
- GENERAL VIEW OF MACHINE 52
- GENERAL VIEW OF CONTROLS AND GAUGES 53

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EXPLANATION OF COMPONENTS **55**
MACHINE MONITOR 55
METERS 61
SWITCHES 66
CONTROL LEVERS, PEDALS 72
AIR CONDITIONER 83
CAB RADIO 86
FUSE 87
FUSIBLE LINK 88
CONTROLLERS 88
TOOL BOX 88
REFUELLING PUMP 89
HANDLING THE ACCUMULATOR 90

OPERATION **91**
CHECK BEFORE STARTING ENGINE 91
STARTING ENGINE 102
OPERATIONS AND CHECKS AFTER STARTING ENGINE 104
MOVING MACHINE OFF 110
STEERING MACHINE 113
STOPPING MACHINE 115
SWINGING 116
OPERATION OF WORK EQUIPMENT 117
HANDLING ACTIVE MODE 118
WORKING MODE SELECTION 119
PROHIBITIONS FOR OPERATION 121
PRECAUTIONS FOR OPERATION 123
PRECAUTIONS WHEN TRAVELLING UP OR DOWN HILLS 124
HOW TO ESCAPE FROM MUD 125
WORK POSSIBLE USING HYDRAULIC EXCAVATOR 125
REPLACEMENT AND INVERSION OF BUCKET 127
PARKING THE MACHINE 129
CHECK AFTER FINISHING WORK 130
STOPPING ENGINE 130
CHECK AFTER STOPPING ENGINE 131

TRANSPORTATION **133**
LOADING, UNLOADING WORK 133

COLD WEATHER OPERATION **138**
PRECAUTIONS FOR LOW TEMPERATURE 138
PRECAUTIONS AFTER COMPLETION OF WORK 139

LONG-TERM STORAGE **141**
BEFORE STORAGE 141
DURING STORAGE 141
AFTER STORAGE 142
STARTING MACHINE AFTER LONG-TERM STORAGE 142

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TROUBLESHOOTING 143
PHENOMENA THAT ARE NOT FAILURES 143
METHOD OF TOWING MACHINE 143
USING METHOD FOR LIGHT-WEIGHT TOWING HOLE 144
PRECAUTIONS ON PARTICULAR JOBSITES 144
IF BATTERY IS DISCHARGED 145
OTHER TROUBLE 148

MAINTENANCE 153

GUIDES TO MAINTENANCE 154

OUTLINES OF SERVICE 157
OUTLINE OF OIL, FUEL, COOLANT 157
EXPLANATION OF LUBRICATION CHART DECAL 160
OUTLINE OF ELECTRICAL SYSTEM 162
OUTLINE OF HYDRAULIC SYSTEM 162

WEAR PARTS LIST 164

USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE 165

STANDARD TIGHTENING TORQUES FOR BOLTS AND NUTS 169
LIST OF NECESSARY TOOLS 169
TORQUE LIST 170

PERIODIC REPLACEMENT OF SAFETY CRITICAL PARTS 171

MAINTENANCE SCHEDULE CHART 174
MAINTENANCE SCHEDULE CHART
174
MAINTENANCE WHEN USING HYDRAULIC BREAKER 177

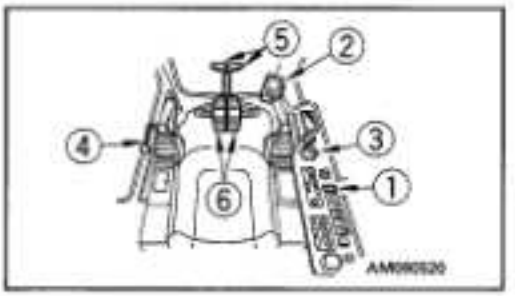
SERVICE PROCEDURE 178
INITIAL 250 HOURS SERVICE 178
WHEN REQUIRED 178
CHECK BEFORE STARTING 190
EVERY 100 HOURS SERVICE 195
EVERY 250 HOURS SERVICE 198
EVERY 500 HOURS SERVICE 202
EVERY 1000 HOURS SERVICE 208
EVERY 2000 HOURS SERVICE 211
EVERY 4000 HOURS SERVICE 213
EVERY 5000 HOURS SERVICE 213

SPECIFICATIONS 217

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MOVING MACHINE OFF

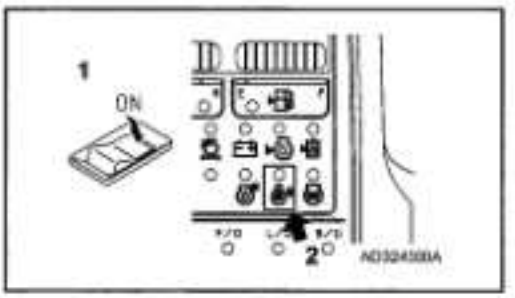
MOVING MACHINE FORWARD



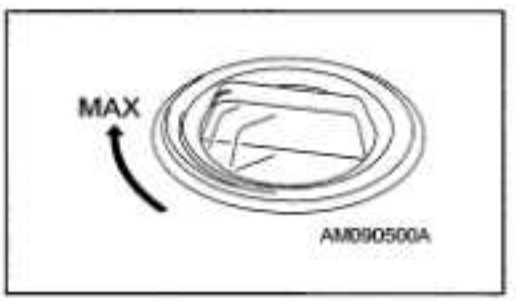
⚠ WARNING

- **Before operating the travel levers, check the direction of the track frame. If the sprocket is at front, the operation of the track levers is reversed.**
- **When moving off, check that the area around the machine is safe, and sound the horn before moving.**
- **Clear all personnel from the machine and the area.**
- **Clear all obstacles from the path of the machine.**
- **If the lever is moved inside the deceleration range, engine speed will rise suddenly. Operate the levers carefully.**

1. Set swing lock switch (1) to the ON (actuated) position and confirm that swing lock monitor lamp (2) lights up.



2. Turn fuel control dial (3) towards the full speed position to increase the engine speed.



3. Set safety lock lever (4) in the FREE position, fold the work equipment, and raise it 40 - 50 cm from the ground.



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EVERY 500 HOURS SERVICE

Maintenance for every 50, 100 and 250 hours service should be carried out at the same time.

REPLACE FUEL FILTER CARTRIDGE

⚠ WARNING

- **Engine is at high temperature immediately after the machine has been operated. Wait for engine to cool down before replacing the filter.**
- **Do not bring fire or sparks near the fuel.**
- **When craking the engine, confirm the safety around the engine, as the engine may start.**

Prepare a filter wrench and a container to catch the fuel.

1. Set the container to catch the fuel under the filter cartridge.
2. Using a filter wrench, turn primary fuel filter cartridge (1) counterclockwise to remove it. Repeat for secondary fuel folter cartridge (2)
3. Clean the filter holder, fill a new filter cartridge with clean fuel, coat the packing surface with engine oil, then install it to the filter holder.
4. When installing, tighten until the packing surface contacts the seal surface of the filter holder, then tighten it up 1/2 of a turn.

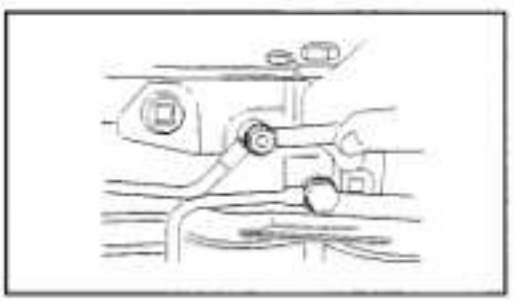
   If the filter cartridge is tightened too far, the packing will be damaged and this will lead to leakage of fuel. If the filter cartridge is too loose, fuel will also leak from the packing, so always tighten to the correct amount.
   After replacing the fuel filter cartridge, bleed the air from the system.
5. After replacing filter cartridge, bleed the air
   bleed the air according to the following procedures.



BLEEDING THE FUEL SYSTEM

Controlled venting is provided at the injection pump through the fuel drain manifold. Small amounts of air introduced by changing the filters or injection pump supply line will be vented automatically, if the fuel filter is changed in accordance with the instructions.
However, manual bleeding will be required if :

- The fuel filter is not filled prior to installation.
- Injection pump is replaced.
- High pressure fuel lines are replaced.



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SPECIFICATIONS

PC240LC-6K, PC240NLC-6K

		PC240LC-6K	PC240NLC-6K
WEIGHT			
• Operation weight (without operator)		24.100 kg	23.700 kg
PERFORMANCE			
• Travel speed	Low speed	3.0 km/h	
	Middel speed	4.1 km/h	
	High speed	5.5 km/h	
• Swing speed		12.5 rpm	
TRACK SHOE			
• Tripple grouser shoe (standard)		700 mm width	600 mm width
ENGINE			
• Model		KOMATSU S6D102E Diesel engine	
• Flyweel horsepower		Net 118 kW (158 HP)/2000 RPM gross 124 kW(166 HP)/2000 RPM	
• Starting motor		24V 5.5 kW	
• Alternator		24V 55 A	
• Battery		STD 12 V 95 Ah x 2 pieces Large capacity (Option) 12V 140 Ahx 2 pieces	

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