TEN00130-10

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC400-7E0 **PC400LC-7E0**
PC450-7E0 **PC450LC-7E0**

SERIAL NUMBERS PC400-60001 and up
PC450-30001

ecot3

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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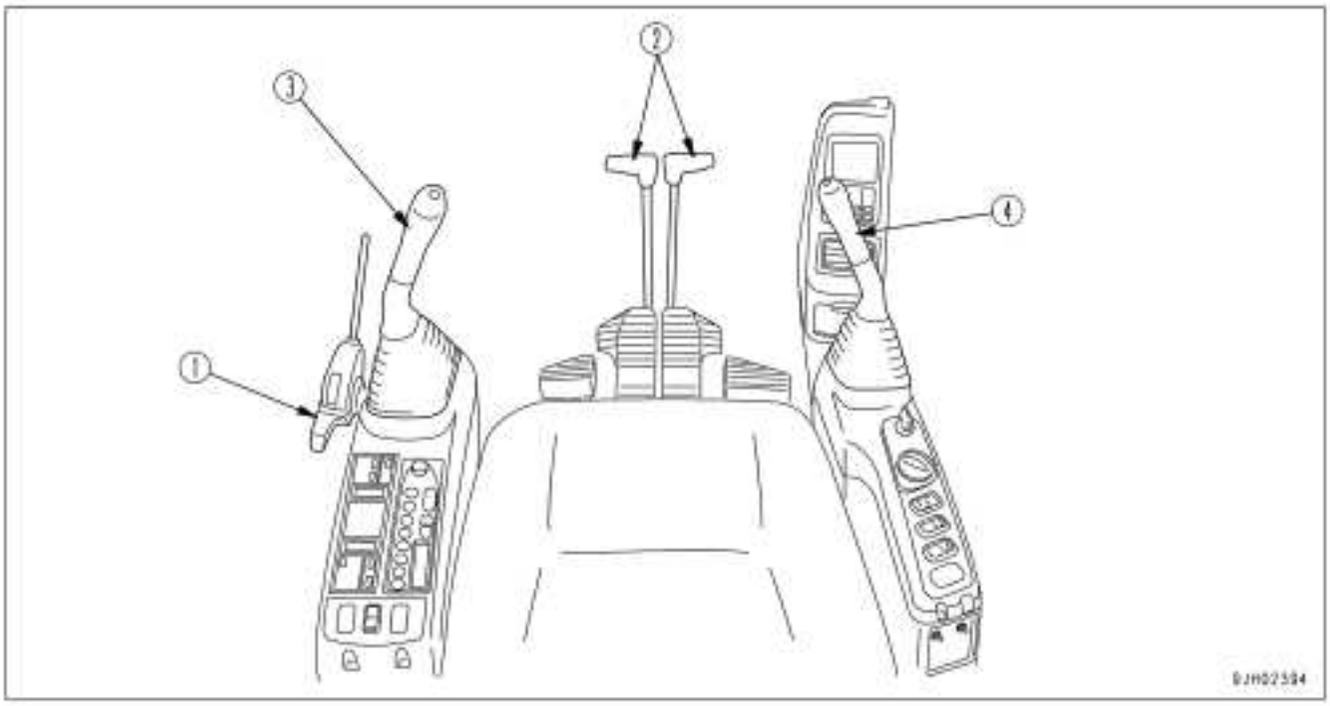
EMERGENCY EXIT FROM OPERATOR'S CAB ---- 3- 47
DOOR LOCK ---- 3- 47
CAP WITH LOCK ---- 3- 48
HOT AND COOL BOX ---- 3- 49
MAGAZINE BOX ---- 3- 50
ASHTRAY ---- 3- 50
AIR CONDITIONER CONTROLS ---- 3- 51
RADIO ---- 3- 65
AUXILIARY ELECTRIC POWER ---- 3- 70
FUSE ---- 3- 71
FUSIBLE LINK ---- 3- 72
CONTROLLER ---- 3- 72
TOOL BOX ---- 3- 73
GREASE PUMP HOLDER ---- 3- 73
MACHINE OPERATIONS AND CONTROLS ---- 3- 74
BEFORE STARTING ENGINE ---- 3- 74
STARTING ENGINE ---- 3- 91
AFTER STARTING ENGINE ---- 3- 94
STOPPING THE ENGINE ---- 3-105
MACHINE OPERATION ---- 3-106
STEERING THE MACHINE ---- 3-110
SWINGING ---- 3-112
WORK EQUIPMENT CONTROLS AND OPERATIONS ---- 3-113
WORKING MODE ---- 3-115
PROHIBITED OPERATIONS ---- 3-116
GENERAL OPERATION INFORMATION ---- 3-121
TRAVELING ON SLOPES ---- 3-122
ESCAPE FROM MUD ---- 3-124
RECOMMENDED APPLICATIONS ---- 3-125
BUCKET REPLACEMENT AND INVERSION ---- 3-127
PARKING MACHINE ---- 3-131
MACHINE INSPECTION AFTER DAILY WORK ---- 3-132
LOCKING ---- 3-133
TRANSPORTATION ---- 3-134
TRANSPORTATION PROCEDURE ---- 3-134
LOADING AND UNLOADING WITH TRAILER ---- 3-135
LIFTING MACHINE ---- 3-144
TRANSPORTATION POSTURE ---- 3-146
PROCEDURE FOR INCREASING OR REDUCING TRACK FRAME GAUGE ---- 3-149
COLD WEATHER OPERATION ---- 3-151
COLD WEATHER OPERATION INFORMATION ---- 3-151
AFTER DAILY WORK COMPLETION ---- 3-154
AFTER COLD WEATHER SEASON ---- 3-154
LONG TERM STORAGE ---- 3-155
BEFORE STORAGE ---- 3-155
DURING STORAGE ---- 3-155
AFTER STORAGE ---- 3-156
STARTING MACHINE AFTER LONG-TERM STORAGE ---- 3-156
TROUBLES AND ACTIONS ---- 3-157
RUNNING OUT OF FUEL ---- 3-157

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PHENOMENA THAT ARE NOT FAILURES ---- 3-158
TOWING THE MACHINE ---- 3-159
LIGHTWEIGHT TOWING HOLE ---- 3-160
SEVERE JOB CONDITION ---- 3-160
DISCHARGED BATTERY ---- 3-161
OTHER TROUBLE ---- 3-165
MAINTENANCE ---- 4- 1
MAINTENANCE INFORMATION ---- 4- 2
OUTLINE OF SERVICE ---- 4- 4
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC ---- 4- 4
ELECTRIC SYSTEM MAINTENANCE ---- 4- 7
WEAR PARTS ---- 4- 8
WEAR PARTS LIST ---- 4- 8
RECOMMENDED FUEL, COOLANT, AND LUBRICANT ---- 4- 9
RECOMMENDED BRANDS, RECOMMENDED QUALITY FOR PRODUCTS OTHER THAN KOMATSU GENUINE OIL ---- 4- 11
TIGHTENING TORQUE SPECIFICATIONS ---- 4- 12
TIGHTENING TORQUE LIST ---- 4- 12
SAFETY CRITICAL PARTS ---- 4- 13
SAFETY CRITICAL PARTS LIST ---- 4- 14
MAINTENANCE SCHEDULE ---- 4- 15
MAINTENANCE SCHEDULE CHART ---- 4- 15
MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER ---- 4- 17
MAINTENANCE PROCEDURE ---- 4- 18
INITIAL 1000 HOURS MAINTENANCE (ONLY AFTER THE FIRST 1000 HOURS) ---- 4- 18
WHEN REQUIRED ---- 4- 19
CHECK BEFORE STARTING ---- 4- 47
EVERY 50 HOURS MAINTENANCE ---- 4- 48
EVERY 250 HOURS MAINTENANCE ---- 4- 49
EVERY 500 HOURS MAINTENANCE ---- 4- 56
EVERY 1000 HOURS MAINTENANCE ---- 4- 67
EVERY 2000 HOURS MAINTENANCE ---- 4- 75
EVERY 4000 HOURS MAINTENANCE ---- 4- 82
EVERY 5000 HOURS MAINTENANCE ---- 4- 84
EVERY 8000 HOURS MAINTENANCE ---- 4- 86
SPECIFICATIONS ---- 5- 1
SPECIFICATIONS ---- 5- 2
ATTACHMENTS AND OPTIONS ---- 6- 1
GENERAL PRECAUTIONS FOR SAFETY ---- 6- 2
PRECAUTIONS WHEN SELECTING ---- 6- 2
READ THE INSTRUCTION MANUAL THOROUGHLY ---- 6- 2
PRECAUTIONS WHEN REMOVING OR INSTALLING ---- 6- 2
PRECAUTIONS WHEN USING ---- 6- 2
BUCKET WITH HOOK ---- 6- 3
HOOK CONDITION ---- 6- 3
PROHIBITED OPERATIONS ---- 6- 3
MACHINE READY FOR ATTACHMENT ---- 6- 4
LOCATIONS ---- 6- 4
HYDRAULIC CIRCUIT ---- 6- 8
ATTACHMENT REMOVAL AND INSTALLATION ---- 6- 13

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CONTROL LEVERS AND PEDALS



(1) Lock lever
(2) Travel levers
(with pedal and auto-deceleration system)
(3) Left work equipment control lever
(with auto-deceleration system)
(4) Right work equipment control lever
(with auto-deceleration system)

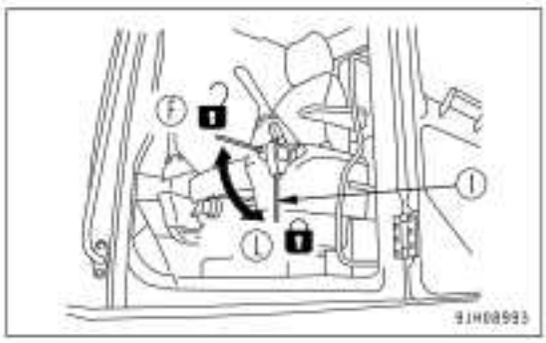
Lock Lever

WARNING

- **When leaving the operator's compartment, set the lock lever securely to the LOCK position. If the lock lever is not at the LOCK position and the control levers or control pedals are touched by mistake, it may lead to serious personal injury.**
- **Check that the condition of the lever is as shown in the diagram.**
- **When pulling the lock lever up, be careful not to touch the work equipment control lever.**
  When pushing the lock lever down, be careful not to touch the work equipment control lever.

This lever (1) is a device to lock the work equipment, swing, travel, and attachment (if equipped) control levers.

(L) LOCK position: Even when levers or attachment control pedal (if equipped) are operated, machine does not move
(F) FREE position: Machine moves according to operation of levers or attachment control panel (if equipped)



REMARK
This lock lever is of hydraulic lock type. Accordingly, when it is in the lock position (L), the control levers or control pedals move but the machine does not move.

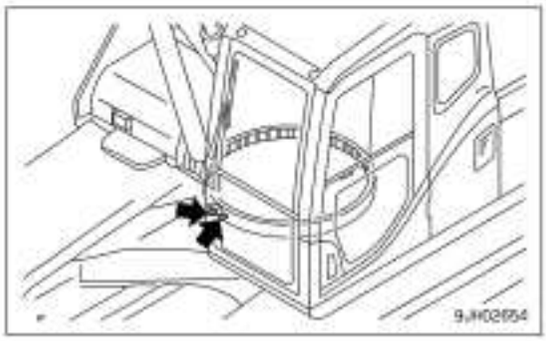
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EVERY 250 HOURS MAINTENANCE

Maintenance for every 50 hours service should be carried out at the same time.

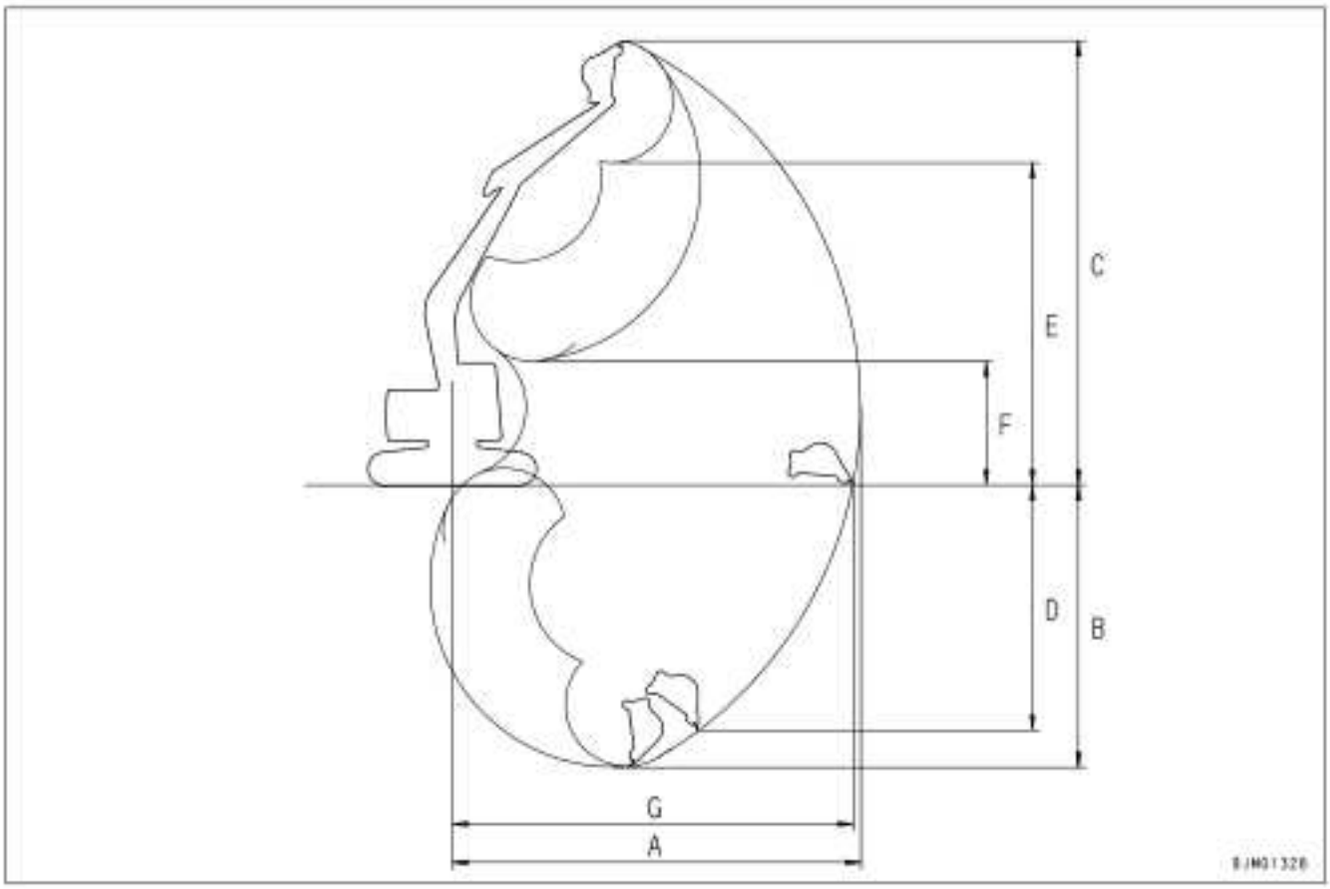
LUBRICATE SWING CIRCLE

1. Lower the work equipment to the ground.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows. (2 places)
3. After greasing, wipe off any old grease that was pushed out.



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	Working ranges	Unit	PC400-7E0	PC400LC-7E0	PC450-7E0	PC450LC-7E0
A	Max. digging reach	mm (ft in)	12,025 (39' 5")	12,030 (39' 6")	12,020 (39' 5")	12,020 (39' 5")
B	Max. digging depth	mm (ft in)	7,820 (25' 8")	7,830 (25' 8")	7,810 (25' 7")	7,810 (25' 7")
C	Max. digging height	mm (ft in)	10,915 (35' 10")	10,915 (35' 10")	10,930 (35' 10")	10,930 (35' 10")
D	Max. vertical wall digging depth	mm (ft in)	6,870 (22' 6")	6,870 (22' 6")	6,660 (21' 10")	6,660 (21' 10")
E	Max. dumping height	mm (ft in)	7,565 (24' 10")	7,565 (24' 10")	7,625 (25')	7,625 (25')
F	Min. dump height	mm (ft in)	-	-	-	-
G	Max. digging reached at ground level	mm (ft in)	11,820 (38' 9")	11,820 (38' 9")	11,800 (38' 9")	11,800 (38' 9")



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